Date Printed: 05/10/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/9/2015

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	20.0	20.8	22.1	1.57	2.43	3.67	.86	2.10
01:00	17.3	19.4	20.6	22.0	2.04	3.28	4.70	1.24	2.66
02:00	16.7	18.6	19.3	20.7	1.91	2.55	4.01	.64	2.10
03:00	16.3	17.9	18.2	19.1	1.58	1.91	2.77	.33	1.19
04:00	16.0	17.3	17.6	18.4	1.35	1.67	2.47	.31	1.11
05:00	15.4	16.6	17.2	18.0	1.17	1.78	2.63	.61	1.45
06:00	15.5	16.6	16.9	17.2	1.10	1.36	1.71	.25	.60
07:00	16.9	17.2	17.2	17.4	.29	.29	.45	.01	.16
08:00	19.1	18.7	18.5	18.5	-.30	-.51	-.59	-.21	-.29
09:00	21.5	21.0	20.8	20.6	-.43	-.71	-.83	-.28	-.40
10:00	23.3	22.7	22.5	22.3	-.55	-.83	-.96	-.28	-.41
11:00	24.6	23.8	23.5	23.3	-.76	-1.06	-1.25	-.30	-.48
12:00	26.8	25.6	25.3	25.2	-1.15	-1.46	-1.59	-.31	-.44
13:00	28.1	26.8	26.5	26.4	-1.25	-1.51	-1.61	-.26	-.36
14:00	29.3	28.1	27.8	27.7	-1.15	-1.44	-1.56	-.29	-.42
15:00	29.9	28.7	28.4	28.3	-1.16	-1.44	-1.59	-.28	-.43
16:00	30.5	29.6	29.2	29.0	-.93	-1.28	-1.45	-.35	-.52
17:00	30.2	29.6	29.3	29.1	-.63	-.93	-1.14	-.30	-.51
18:00	29.7	29.5	29.2	29.1	-.24	-.50	-.60	-.26	-.36
19:00	26.4	27.6	28.1	28.3	1.16	1.73	1.91	.56	.75
20:00	22.9	24.9	25.9	26.6	2.07	3.06	3.71	1.00	1.64
21:00	20.9	23.0	23.8	24.4	2.14	2.91	3.52	.77	1.38
22:00	20.2	22.2	23.0	24.4	1.98	2.81	4.19	.83	2.22
23:00	19.3	21.4	22.0	23.5	2.12	2.71	4.21	.59	2.09
Avg	22.3	22.8	23.0	23.4	.50	.70	1.12	.20	.62
Max	30.5	29.6	29.3	29.1	2.14	3.28	4.70	1.24	2.66
Hr. of Max	16	17	17	18	21	01	01	01	01
Min	15.4	16.6	16.9	17.2	-1.25	-1.51	-1.61	-.35	-.52
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/9/2015

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	15.3	15.6	16.3	23.0	83.5	77.3	12.9	13.1	0.011154
01:00	14.8	15.2	15.7	22.8	86.7	78.3	12.6	12.8	0.010833
02:00	14.5	15.3	15.2	22.6	88.2	82.4	12.4	12.9	0.010589
03:00	14.4	15.2	15.0	22.3	89.9	85.8	12.3	12.9	0.010526
04:00	14.3	15.2	14.8	22.1	91.3	88.9	12.2	12.9	0.010433
05:00	13.9	15.1	14.4	21.9	92.5	92.5	12.0	12.8	0.010186
06:00	14.1	15.2	14.6	21.6	93.0	92.7	12.1	12.9	0.010333
07:00	15.4	15.5	15.9	21.4	92.3	91.3	13.1	13.2	0.011204
08:00	15.9	15.5	16.9	21.2	83.5	83.2	13.4	13.1	0.011578
09:00	15.8	15.6	17.7	21.1	71.9	72.4	13.3	13.1	0.011584
10:00	15.5	15.2	18.1	21.1	63.0	63.7	13.0	12.7	0.011356
11:00	15.4	14.9	18.5	21.3	58.1	58.8	12.9	12.5	0.01131
12:00	15.2	14.9	19.1	21.7	50.4	52.6	12.6	12.4	0.011174
13:00	15.4	15.3	19.7	22.3	47.5	50.5	12.8	12.7	0.011374
14:00	15.4	15.3	20.0	23.1	44.4	47.1	12.7	12.7	0.011389
15:00	14.0	13.8	19.3	23.6	38.9	41.2	11.6	11.5	0.01037
16:00	14.2	13.9	19.6	23.9	38.2	39.4	11.7	11.5	0.010556
17:00	13.6	13.3	19.2	24.2	37.3	37.9	11.3	11.1	0.010165
18:00	13.7	13.4	19.1	24.3	38.7	38.4	11.4	11.2	0.010222
19:00	16.2	14.7	19.6	24.3	55.5	46.9	13.5	12.2	0.011966
20:00	16.3	15.2	18.5	24.3	68.2	56.0	13.7	12.6	0.011991
21:00	15.5	15.8	17.3	24.1	73.0	65.2	13.1	13.2	0.011363
22:00	15.5	16.0	17.1	23.9	75.8	69.4	13.1	13.4	0.011327
23:00	15.7	16.3	16.9	23.7	81.2	74.4	13.2	13.7	0.011441
Avg	15.0	15.1	17.4	22.7	68.5	66.1	12.6	12.6	0.011018
Max	16.3	16.3	20.0	24.3	93.0	92.7	13.7	13.7	0.011991
Hr. of Max	20	23	14	20	06	06	20	23	20
Min	13.6	13.3	14.4	21.1	37.3	37.9	11.3	11.1	0.010165
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)

5/9/2015

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	0.011381	17.4	17.7	.00	29.15	987.2	-2.2	.00	299.3
01:00	0.011114	16.9	17.3	.00	29.15	987.3	-2.1	.00	256.8
02:00	0.011164	16.5	17.4	.00	29.16	987.7	-.7	.00	47.0
03:00	0.011102	16.4	17.3	.00	29.18	988.1	-.8	.00	19.0
04:00	0.011072	16.3	17.3	.00	29.19	988.5	-1.1	.00	296.5
05:00	0.010979	15.9	17.2	.00	29.21	989.1	-1.0	.00	286.0
06:00	0.011053	16.2	17.3	.00	29.22	989.6	6.6	.01	4.0
07:00	0.011291	17.5	17.6	.00	29.22	989.6	81.4	.12	54.7
08:00	0.01132	18.1	17.7	.00	29.23	989.8	279.2	.40	71.5
09:00	0.011361	18.1	17.8	.00	29.23	989.8	401.5	.58	74.4
10:00	0.011107	17.7	17.4	.00	29.22	989.6	455.4	.65	305.8
11:00	0.01092	17.7	17.1	.00	29.22	989.5	738.6	1.06	79.1
12:00	0.010904	17.5	17.0	.00	29.22	989.4	955.0	1.37	200.7
13:00	0.011226	17.8	17.5	.00	29.20	988.9	975.3	1.40	229.1
14:00	0.011301	17.8	17.6	.00	29.18	988.2	954.1	1.37	174.9
15:00	0.010259	16.2	16.0	.00	29.16	987.4	871.5	1.25	212.6
16:00	0.010301	16.5	16.1	.00	29.13	986.6	656.9	.94	207.8
17:00	0.009946	15.9	15.5	.00	29.13	986.4	290.3	.42	191.6
18:00	0.01001	15.9	15.6	.00	29.12	986.3	242.7	.35	122.9
19:00	0.010876	18.6	17.0	.00	29.13	986.5	67.1	.10	244.2
20:00	0.011146	18.7	17.4	.00	29.14	986.9	6.0	.01	335.6
21:00	0.011554	17.7	18.0	.00	29.16	987.6	-.6	.00	270.2
22:00	0.011708	17.7	18.3	.00	29.18	988.1	-1.8	.00	3.6
23:00	0.01196	17.8	18.6	.00	29.18	988.2	-2.8	.00	295.8
Avg	0.011044	17.2	17.2	.00	29.18	988.2	290.4	.42	291.0
Max	0.01196	18.7	18.6	.00	29.23	989.8	975.3	1.40	335.6
Hr. of Max	23	20	23	23	09	09	13	13	20
Min	0.009946	15.9	15.5	.00	29.12	986.3	-2.8	.00	3.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/9/2015

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	25.1	212.0	306.8	211.4	43.0	35.7	30.3	.2	.6
01:00	312.1	239.8	259.5	240.9	49.1	45.4	14.2	.4	.3
02:00	62.5	351.0	54.8	349.1	57.5	28.6	41.1	.2	.9
03:00	65.8	87.1	22.2	81.8	38.0	19.1	18.7	.6	1.3
04:00	80.4	40.2	295.3	36.9	42.8	51.8	17.3	.2	.7
05:00	45.8	54.7	279.7	46.6	26.2	51.0	43.2	.5	.4
06:00	49.2	57.7	3.2	53.8	38.1	45.1	5.9	.6	1.3
07:00	57.7	60.7	57.9	56.5	21.3	13.7	8.8	1.6	3.0
08:00	61.7	58.7	73.4	54.9	22.6	18.8	12.4	2.8	3.4
09:00	62.5	60.6	77.1	57.9	28.9	35.1	28.6	3.2	3.6
10:00	321.0	332.9	304.1	329.6	44.6	40.7	35.9	1.1	1.6
11:00	353.5	9.6	211.4	358.2	49.1	52.8	51.1	.5	.2
12:00	212.2	215.9	208.6	217.3	40.3	32.8	30.2	3.6	4.2
13:00	249.7	256.8	239.2	255.6	62.4	53.4	42.4	2.3	2.6
14:00	182.7	189.8	178.1	192.3	58.7	58.6	58.2	1.7	1.8
15:00	223.0	222.1	223.0	223.4	74.0	60.4	49.0	1.7	1.9
16:00	228.5	232.0	209.4	232.9	52.9	54.6	45.1	1.8	1.9
17:00	181.0	179.1	195.5	180.7	53.1	55.0	45.6	1.3	1.4
18:00	127.1	128.6	126.4	126.3	26.2	19.5	16.8	3.1	3.5
19:00	199.2	176.1	246.4	177.0	18.8	14.8	11.7	1.1	2.3
20:00	66.9	76.0	334.5	71.8	25.9	37.2	25.1	.5	1.2
21:00	240.4	123.3	271.5	132.0	29.0	51.2	45.3	.9	.7
22:00	43.3	173.6	10.0	173.2	36.6	19.2	27.6	.4	.6
23:00	48.8	239.4	282.1	240.8	55.1	37.8	13.8	.1	.3
Avg	63.0	136.0	274.0	140.0	41.4	38.8	29.9	.0	.0
Max	353.5	351.0	334.5	358.2	74.0	60.4	58.2	3.6	4.2
Hr. of Max	11	02	20	11	15	15	14	12	12
Min	25.1	9.6	3.2	36.9	18.8	13.7	5.9	.1	.2
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)

5/9/2015

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	1.5	.5	1.0	1.9	.9	2.3	1.4	2.5	.02
01:00	2.7	.7	.6	2.8	1.1	3.2	2.4	1.8	.04
02:00	.2	.6	1.0	.6	.9	1.0	1.8	1.7	.03
03:00	1.9	.9	1.3	2.0	1.1	2.4	2.1	1.2	.04
04:00	1.7	.8	.7	1.8	1.2	2.2	.9	.4	.02
05:00	.7	1.0	.9	.9	1.4	1.4	1.6	.2	.03
06:00	2.5	1.2	1.4	2.5	1.5	2.9	.3	-.2	-.01
07:00	4.2	1.8	3.1	4.3	1.9	4.6	-3.5	-1.7	-.16
08:00	4.5	3.0	3.5	4.6	3.5	5.0	.3	-.3	.00
09:00	4.5	3.5	4.0	4.8	4.3	5.5	-1.0	8.0	-.20
10:00	1.8	2.5	3.3	3.4	3.0	3.9	-1.4	-4.0	-.19
11:00	.4	2.0	2.2	2.4	2.7	3.1	-4.3	-1.0	-.25
12:00	4.7	4.3	4.8	5.2	5.0	5.9	.3	-2.4	-.06
13:00	2.9	3.7	3.9	4.1	4.3	4.9	-6.9	-7.7	-.56
14:00	2.0	3.3	3.4	3.5	4.1	4.3	3.7	9.5	.13
15:00	2.2	2.8	2.8	3.0	3.4	3.8	-2.4	-13.5	-.14
16:00	1.9	2.6	2.7	2.7	3.4	3.4	4.2	4.8	.20
17:00	1.8	2.1	2.2	2.4	2.7	3.0	-1.2	-3.7	-.02
18:00	4.1	3.4	3.7	4.3	4.2	4.9	5.1	6.9	.30
19:00	3.2	1.8	2.7	3.4	2.1	3.6	2.5	1.0	.03
20:00	1.0	.6	1.2	1.2	1.0	1.5	1.9	.5	.04
21:00	.7	1.3	1.2	1.4	1.7	1.8	.4	1.0	.02
22:00	2.0	.4	.6	2.1	.8	2.5	2.2	1.6	.03
23:00	2.4	.1	.6	2.5	.4	2.8	2.0	.7	.02
Avg	.0	1.9	2.2	2.8	2.4	3.3	.5	.3	-.03
Max	4.7	4.3	4.8	5.2	5.0	5.9	5.1	9.5	.30
Hr. of Max	12	12	12	12	12	12	18	14	18
Min	.2	.1	.6	.6	.4	1.0	-6.9	-13.5	-.56
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/9/2015

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	.11	2.1	2.7	8.7	2.8	8.9	11.4	17.3
01:00	.08	3.9	3.0	8.7	3.0	5.5	7.3	7.0
02:00	.04	2.1	3.0	2.3	2.6	2.3	7.7	14.3
03:00	.07	3.4	3.0	4.1	2.3	4.3	7.8	11.2
04:00	.03	2.3	4.1	5.5	2.3	4.4	5.7	5.0
05:00	.02	3.4	2.7	3.2	3.8	3.6	6.2	8.0
06:00	-.01	2.5	4.6	6.0	2.9	6.2	6.6	4.5
07:00	-.15	3.9	6.2	11.2	3.9	6.9	12.7	5.2
08:00	-.09	8.0	8.7	9.6	9.4	10.7	17.3	11.9
09:00	.57	10.1	10.8	11.9	11.0	12.9	21.6	18.9
10:00	-.38	7.6	8.2	7.8	8.6	8.2	24.5	23.7
11:00	.04	6.0	6.6	6.6	7.9	9.0	28.5	31.3
12:00	-.28	11.0	10.3	10.8	12.8	12.6	21.5	22.0
13:00	-.89	12.1	13.5	13.5	12.7	13.0	23.8	26.0
14:00	.67	8.7	9.2	8.7	10.0	10.0	25.7	30.8
15:00	-.98	13.3	10.5	11.7	8.5	10.5	26.7	30.2
16:00	.37	8.0	8.9	8.5	9.4	9.4	27.0	31.1
17:00	-.02	6.9	6.9	8.2	7.7	9.4	26.3	30.1
18:00	.54	8.2	9.4	9.6	8.5	10.0	18.1	17.7
19:00	.04	6.4	6.9	8.0	8.0	8.2	10.5	9.5
20:00	.01	2.3	2.7	3.9	3.0	2.7	7.0	5.5
21:00	.04	3.0	4.1	4.8	3.4	5.1	6.4	9.5
22:00	.04	1.8	2.3	6.4	2.1	7.2	9.3	14.3
23:00	.03	1.4	2.7	5.3	1.8	5.7	8.7	6.5
Avg	.00	5.8	6.3	7.7	6.2	7.8	15.3	16.3
Max	.67	13.3	13.5	13.5	12.8	13.0	28.5	31.3
Hr. of Max	14	15	13	13	12	13	11	11
Min	-.98	1.4	2.3	2.3	1.8	2.3	5.7	4.5
Count	24	24	24	24	24	24	24	24
Total								