Date Printed: 05/03/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/2/2015

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	7.3	8.9	9.5	10.7	1.61	2.29	3.45	.68	1.84
01:00	6.6	8.1	8.7	9.6	1.53	2.05	2.98	.52	1.45
02:00	6.0	7.5	7.9	8.8	1.54	1.93	2.82	.38	1.28
03:00	5.4	6.9	7.4	8.2	1.49	2.02	2.81	.52	1.32
04:00	5.0	6.5	6.9	7.5	1.52	1.94	2.52	.42	1.00
05:00	4.9	6.3	6.6	7.4	1.40	1.70	2.49	.30	1.08
06:00	4.4	5.9	6.2	6.6	1.42	1.73	2.18	.31	.76
07:00	5.5	6.1	6.3	6.6	.65	.79	1.15	.14	.50
08:00	8.6	8.3	8.1	8.1	-.32	-.51	-.52	-.19	-.20
09:00	12.0	11.6	11.3	11.2	-.42	-.66	-.76	-.24	-.34
10:00	15.2	14.6	14.3	14.2	-.61	-.92	-1.05	-.31	-.44
11:00	18.4	17.6	17.3	17.1	-.73	-1.07	-1.26	-.34	-.52
12:00	20.5	19.7	19.4	19.2	-.85	-1.16	-1.31	-.31	-.47
13:00	21.8	20.9	20.5	20.3	-.89	-1.30	-1.52	-.42	-.63
14:00	22.3	21.4	21.0	20.9	-.88	-1.23	-1.38	-.35	-.49
15:00	22.9	22.0	21.7	21.6	-.83	-1.13	-1.28	-.30	-.46
16:00	22.5	22.1	21.8	21.6	-.39	-.69	-.83	-.31	-.44
17:00	23.1	22.7	22.5	22.3	-.41	-.68	-.87	-.27	-.45
18:00	23.0	22.8	22.6	22.5	-.19	-.45	-.57	-.26	-.38
19:00	19.8	21.7	22.0	22.1	1.90	2.22	2.29	.32	.40
20:00	16.0	18.8	19.8	20.8	2.78	3.81	4.78	1.03	2.00
21:00	13.6	16.5	17.4	18.6	2.94	3.81	5.01	.87	2.07
22:00	12.3	14.7	15.3	16.6	2.43	2.97	4.29	.54	1.86
23:00	10.9	13.2	13.8	15.5	2.26	2.86	4.52	.59	2.26
Avg	13.7	14.4	14.5	14.9	.71	.85	1.25	.14	.54
Max	23.1	22.8	22.6	22.5	2.94	3.81	5.01	1.03	2.26
Hr. of Max	17	18	18	18	21	21	21	20	23
Min	4.4	5.9	6.2	6.6	-.89	-1.30	-1.52	-.42	-.63
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/2/2015

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	5.9	7.2	6.4	15.5	92.2	90.3	7.2	7.8	0.005914
01:00	5.4	6.9	5.8	15.3	93.1	92.9	7.0	7.7	0.005711
02:00	4.9	6.6	5.2	15.0	93.4	94.8	6.7	7.5	0.005492
03:00	4.4	6.1	4.7	14.8	93.9	95.4	6.5	7.3	0.005309
04:00	4.0	5.8	4.3	14.6	94.0	96.1	6.3	7.2	0.005152
05:00	3.9	5.5	4.3	14.4	94.2	95.7	6.3	7.0	0.00514
06:00	3.5	5.0	3.8	14.1	94.4	95.2	6.1	6.8	0.004982
07:00	4.6	5.3	4.9	13.9	94.9	95.3	6.6	6.9	0.005385
08:00	6.7	6.1	7.3	13.7	88.7	87.1	7.5	7.2	0.006226
09:00	8.0	6.9	9.3	13.6	77.6	74.1	8.2	7.6	0.006839
10:00	8.7	7.8	10.9	13.7	66.3	64.6	8.5	8.0	0.00721
11:00	8.5	7.5	11.8	14.1	53.4	52.2	8.3	7.8	0.0071
12:00	6.3	5.4	11.1	14.8	40.8	40.4	7.2	6.8	0.006181
13:00	2.8	1.6	9.1	15.6	29.4	28.4	5.6	5.2	0.004848
14:00	3.6	2.8	9.8	16.5	30.2	30.0	5.9	5.6	0.005134
15:00	4.3	3.2	10.5	17.1	30.7	29.7	6.2	5.8	0.005402
16:00	4.6	3.5	10.6	17.4	32.1	30.3	6.4	5.9	0.00551
17:00	4.6	3.5	10.8	17.7	30.7	29.1	6.3	5.9	0.005506
18:00	4.7	3.5	10.8	17.9	31.1	29.0	6.4	5.9	0.005525
19:00	7.9	4.8	11.9	18.0	47.4	34.0	8.0	6.4	0.006858
20:00	8.3	6.1	10.9	18.0	61.1	44.3	8.2	7.1	0.007017
21:00	8.0	6.7	9.9	17.9	70.0	53.0	8.1	7.4	0.006862
22:00	7.9	7.6	9.4	17.7	75.3	63.4	8.1	7.9	0.006794
23:00	7.7	7.9	8.8	17.4	81.4	71.1	8.0	8.1	0.006703
Avg	5.8	5.6	8.4	15.8	66.5	63.2	7.1	7.0	0.00595
Max	8.7	7.9	11.9	18.0	94.9	96.1	8.5	8.1	0.00721
Hr. of Max	10	23	19	20	07	04	10	23	10
Min	2.8	1.6	3.8	13.6	29.4	28.4	5.6	5.2	0.004848
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/2/2015

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	0.006468	9.3	10.2	.00	29.20	989.0	-2.4	.00	15.2
01:00	0.006332	9.0	10.0	.00	29.21	989.0	-1.0	.00	350.3
02:00	0.006198	8.7	9.8	.00	29.19	988.7	-2.4	.00	343.1
03:00	0.005982	8.4	9.4	.00	29.20	988.7	-2.5	.00	199.7
04:00	0.005858	8.1	9.2	.00	29.21	989.1	-2.1	.00	117.3
05:00	0.005757	8.1	9.1	.00	29.21	989.3	-2.3	.00	51.9
06:00	0.00555	7.9	8.8	.00	29.23	989.7	.5	.00	356.2
07:00	0.005653	8.5	8.9	.00	29.24	990.2	72.0	.10	61.2
08:00	0.005968	9.8	9.4	.00	29.25	990.6	314.4	.45	111.0
09:00	0.006348	10.8	10.0	.00	29.25	990.6	533.7	.77	117.0
10:00	0.006749	11.3	10.6	.00	29.25	990.5	721.7	1.03	95.3
11:00	0.006618	11.2	10.4	.00	29.24	990.2	875.2	1.25	100.0
12:00	0.005813	9.7	9.2	.00	29.23	989.9	985.9	1.41	65.7
13:00	0.004438	7.6	7.0	.00	29.21	989.2	953.1	1.37	74.4
14:00	0.004825	8.1	7.6	.00	29.19	988.6	923.3	1.32	9.0
15:00	0.004974	8.5	7.8	.00	29.17	987.7	812.9	1.17	129.8
16:00	0.005092	8.7	8.0	.00	29.14	986.9	468.1	.67	69.1
17:00	0.005087	8.7	8.0	.00	29.13	986.5	441.5	.63	179.3
18:00	0.005097	8.7	8.0	.00	29.13	986.6	287.5	.41	234.1
19:00	0.005566	10.8	8.8	.00	29.13	986.7	71.2	.10	286.9
20:00	0.00607	11.0	9.5	.00	29.14	986.9	3.9	.01	310.4
21:00	0.006274	10.8	9.9	.00	29.17	987.7	-3.0	.00	286.5
22:00	0.006698	10.7	10.5	.00	29.18	988.3	-2.5	.00	54.4
23:00	0.006794	10.5	10.7	.00	29.19	988.6	-2.5	.00	249.2
Avg	0.005842	9.4	9.2	.00	29.20	988.7	310.2	.45	57.0
Max	0.006794	11.3	10.7	.00	29.25	990.6	985.9	1.41	356.2
Hr. of Max	23	10	23	23	10	09	12	12	06
Min	0.004438	7.6	7.0	.00	29.13	986.5	-3.0	.00	9.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/2/2015

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	38.9	336.7	23.4	333.2	29.7	20.3	29.1	.4	1.0
01:00	70.9	81.9	341.5	67.5	33.4	57.7	21.9	.3	.5
02:00	82.2	53.1	316.0	38.1	32.0	46.4	11.3	.2	.4
03:00	109.6	152.0	231.4	177.2	43.3	45.3	27.2	.5	.1
04:00	50.8	264.3	281.2	273.3	49.1	9.8	17.0	.0	.2
05:00	63.6	43.8	49.1	38.9	13.4	6.3	19.7	.6	1.5
06:00	133.9	79.7	287.5	74.4	31.7	44.2	17.9	.2	.2
07:00	57.2	48.5	57.1	43.3	45.6	19.3	6.0	.7	1.5
08:00	75.1	51.5	120.1	45.5	28.9	38.8	29.6	1.0	1.0
09:00	121.3	141.2	126.3	143.6	37.7	54.4	54.7	1.0	.9
10:00	98.5	99.2	100.4	91.0	39.9	46.8	48.4	1.5	1.2
11:00	92.1	86.1	106.5	81.4	57.5	53.1	46.2	1.4	1.5
12:00	60.7	63.8	61.8	57.3	66.3	64.9	63.1	1.2	1.5
13:00	74.1	68.3	77.0	64.2	47.0	38.7	30.2	3.7	4.9
14:00	7.8	5.5	7.0	359.3	55.3	44.9	42.1	1.2	2.1
15:00	136.6	140.0	134.9	143.1	53.8	52.7	53.8	2.5	2.7
16:00	66.8	65.6	70.6	61.6	37.9	36.3	36.1	1.9	2.5
17:00	200.5	213.3	188.9	211.7	59.7	52.2	49.5	1.5	1.3
18:00	235.9	231.1	240.0	232.8	43.9	37.3	37.5	1.8	2.4
19:00	185.4	173.6	281.8	176.6	41.1	38.4	22.2	.7	.8
20:00	117.1	180.8	306.6	171.5	40.9	57.0	38.5	.7	.2
21:00	254.3	225.5	289.0	235.6	53.6	51.3	24.3	.6	.1
22:00	63.6	36.2	61.3	39.3	45.2	42.3	18.2	.7	1.5
23:00	78.5	26.9	268.2	20.6	33.3	14.4	21.6	.1	.3
Avg	89.0	83.0	25.0	74.0	42.5	40.5	31.9	.0	.0
Max	254.3	336.7	341.5	359.3	66.3	64.9	63.1	3.7	4.9
Hr. of Max	21	00	01	14	12	12	12	13	13
Min	7.8	5.5	7.0	20.6	13.4	6.3	6.0	.0	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/2/2015

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	.7	.6	1.1	1.4	.8	1.7	1.6	1.0	.03
01:00	.5	.5	.7	.6	.8	1.0	1.3	-.6	.02
02:00	.7	.4	.4	.7	.8	1.0	2.5	-.3	.03
03:00	.2	.5	.1	.3	.9	.7	1.1	.0	.02
04:00	.4	.0	.2	.4	.4	.8	2.3	.0	.02
05:00	1.8	.7	1.5	1.9	1.0	2.2	.8	.3	.00
06:00	1.1	.6	.2	1.2	1.0	1.6	2.0	.1	.03
07:00	2.7	.7	1.5	2.8	1.1	3.1	1.6	-.2	.01
08:00	1.4	1.1	1.2	1.5	1.7	2.0	1.9	5.8	.08
09:00	.6	1.2	1.1	1.0	1.8	1.7	.3	-10.8	.05
10:00	.9	1.7	1.5	1.2	2.4	2.0	-4.6	-16.9	-.13
11:00	1.6	2.2	2.2	2.1	2.8	2.9	-2.8	-5.1	-.17
12:00	1.7	2.8	2.7	2.9	3.5	3.8	-6.8	-10.1	-.37
13:00	5.5	4.9	5.8	6.2	5.7	6.9	-2.1	-1.9	-.30
14:00	2.5	3.5	3.9	4.0	4.1	4.8	-5.8	-6.0	-.54
15:00	2.7	3.8	3.9	4.0	4.6	4.8	-1.7	-4.0	-.11
16:00	2.9	3.3	4.1	4.5	3.9	5.1	-5.4	-6.3	-.35
17:00	1.3	2.3	2.3	2.4	2.8	3.0	1.3	5.8	.04
18:00	2.8	2.3	2.9	3.2	2.8	3.7	-2.3	-1.8	-.13
19:00	1.6	.9	.9	1.8	1.2	2.1	2.6	6.4	.03
20:00	.3	.9	.3	.3	1.2	.6	2.4	-1.4	.04
21:00	1.1	.7	.5	1.1	1.0	1.4	.2	.9	.00
22:00	.7	.9	1.6	1.3	1.1	1.7	2.1	1.0	.04
23:00	.9	.1	.4	1.0	.4	1.4	2.4	.0	.03
Avg	.0	1.5	1.7	2.0	2.0	2.5	-.2	-1.8	-.07
Max	5.5	4.9	5.8	6.2	5.7	6.9	2.6	6.4	.08
Hr. of Max	13	13	13	13	13	13	19	19	08
Min	.2	.0	.1	.3	.4	.6	-6.8	-16.9	-.54
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/2/2015

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	.04	2.1	2.3	3.4	2.1	3.8	6.8	4.4
01:00	-.01	1.6	2.1	2.7	2.2	2.3	6.8	5.6
02:00	-.01	2.5	2.3	2.5	2.9	2.6	6.8	4.4
03:00	.00	2.3	1.1	1.1	2.7	1.5	4.7	5.5
04:00	.00	.7	1.4	1.6	1.1	1.9	6.1	4.7
05:00	.02	2.1	3.2	4.6	2.5	4.8	6.9	5.7
06:00	.00	2.5	1.8	6.0	3.1	3.6	6.8	3.6
07:00	-.01	2.3	3.4	4.1	2.6	4.4	11.6	3.5
08:00	.19	3.4	3.4	3.7	4.2	4.2	23.5	22.4
09:00	-.35	4.6	4.8	3.9	6.3	5.1	29.4	31.4
10:00	-.64	4.8	4.8	5.0	5.4	5.4	30.5	33.7
11:00	-.29	6.4	6.6	6.4	8.3	7.4	30.2	35.8
12:00	-.70	9.6	11.2	11.9	12.1	12.5	27.7	34.2
13:00	-.15	16.3	19.7	15.6	15.3	17.1	22.0	22.3
14:00	-.65	11.7	11.7	11.9	12.4	13.6	25.1	29.5
15:00	-.27	12.4	11.9	12.1	12.4	11.6	23.4	29.7
16:00	-.39	11.0	12.1	14.4	10.6	14.8	17.8	20.6
17:00	.38	6.9	8.9	8.9	7.7	10.2	27.9	32.8
18:00	-.23	8.0	8.0	8.0	8.5	9.1	23.0	22.1
19:00	.21	2.5	3.4	3.4	2.5	3.8	15.6	15.3
20:00	-.02	3.4	3.2	3.2	2.5	2.7	8.5	12.6
21:00	.03	2.5	1.8	3.2	2.7	3.5	4.4	4.0
22:00	.04	3.7	3.2	6.0	2.6	3.7	7.4	5.2
23:00	.00	1.1	2.3	5.3	1.6	3.2	7.5	4.4
Avg	-.12	5.2	5.6	6.2	5.6	6.4	15.9	16.4
Max	.38	16.3	19.7	15.6	15.3	17.1	30.5	35.8
Hr. of Max	17	13	13	13	13	13	10	11
Min	-.70	.7	1.1	1.1	1.1	1.5	4.4	3.5
Count	24	24	24	24	24	24	24	24
Total								