Date Printed: 01/06/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/5/2015

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	4.0	3.9	3.7	3.6	-.08	-.28	-.39	-.20	-.31
01:00	2.6	2.5	2.3	2.1	-.12	-.32	-.45	-.20	-.33
02:00	1.7	1.5	1.3	1.2	-.12	-.32	-.44	-.20	-.32
03:00	.7	.6	.5	.3	-.04	-.23	-.34	-.19	-.30
04:00	-.7	-.7	-.8	-.9	.00	-.18	-.28	-.18	-.28
05:00	-1.5	-1.5	-1.7	-1.8	.03	-.14	-.23	-.17	-.27
06:00	-1.9	-1.9	-2.0	-2.1	.09	-.07	-.15	-.16	-.23
07:00	-2.3	-2.2	-2.4	-2.5	.02	-.17	-.27	-.19	-.29
08:00	-2.1	-2.3	-2.5	-2.6	-.15	-.36	-.50	-.21	-.35
09:00	-1.3	-1.7	-2.0	-2.2	-.45	-.70	-.89	-.25	-.44
10:00	-.6	-1.2	-1.4	-1.5	-.62	-.82	-.94	-.20	-.32
11:00	.5	-.3	-.6	-.8	-.86	-1.17	-1.30	-.31	-.43
12:00	1.5	.6	.3	.1	-.88	-1.16	-1.33	-.28	-.45
13:00	2.2	1.4	1.1	1.0	-.87	-1.12	-1.25	-.25	-.38
14:00	2.8	2.0	1.7	1.5	-.82	-1.11	-1.26	-.29	-.44
15:00	3.2	2.5	2.2	2.0	-.70	-1.01	-1.19	-.31	-.48
16:00	2.9	2.5	2.2	2.0	-.37	-.65	-.84	-.28	-.47
17:00	1.2	1.8	1.8	1.7	.63	.57	.52	-.06	-.10
18:00	-1.1	.6	1.0	1.3	1.63	2.09	2.34	.45	.71
19:00	-1.8	-.4	-.1	.5	1.42	1.79	2.39	.37	.97
20:00	-2.6	-1.5	-.8	.0	1.16	1.79	2.65	.63	1.49
21:00	-3.2	-1.8	-1.4	-.8	1.40	1.82	2.35	.42	.95
22:00	-3.8	-2.3	-1.9	-1.4	1.49	1.87	2.37	.38	.88
23:00	-4.2	-2.8	-2.2	-1.6	1.44	1.99	2.57	.55	1.14
Avg	-.2	.0	-.1	.0	.13	.09	.13	-.05	.00
Max	4.0	3.9	3.7	3.6	1.63	2.09	2.65	.63	1.49
Hr. of Max	00	00	00	00	18	18	20	20	20
Min	-4.2	-2.8	-2.5	-2.6	-.88	-1.17	-1.33	-.31	-.48
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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1/5/2015

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	-.2	-.3	1.2	9.5	74.4	74.3	4.7	4.7	0.003782
01:00	-1.6	-1.7	-.2	9.3	74.2	74.3	4.3	4.2	0.003403
02:00	-3.5	-3.7	-1.8	9.1	68.9	68.7	3.7	3.7	0.002956
03:00	-4.9	-5.0	-3.0	8.9	66.8	66.2	3.4	3.3	0.002668
04:00	-5.5	-5.7	-3.9	8.6	69.9	69.2	3.2	3.2	0.002529
05:00	-5.9	-6.0	-4.4	8.3	72.6	71.8	3.1	3.1	0.00246
06:00	-6.3	-6.4	-4.8	7.9	72.7	71.5	3.1	3.0	0.002389
07:00	-7.3	-7.5	-5.6	7.6	68.6	67.7	2.8	2.8	0.0022
08:00	-7.6	-7.8	-5.8	7.3	66.7	66.3	2.8	2.7	0.002156
09:00	-8.2	-8.5	-5.9	7.0	59.9	60.4	2.6	2.6	0.00206
10:00	-8.1	-8.7	-5.6	6.8	57.2	57.0	2.7	2.5	0.002076
11:00	-7.8	-8.7	-5.0	6.7	54.1	53.4	2.7	2.5	0.002131
12:00	-8.3	-9.2	-5.0	6.5	48.9	48.4	2.6	2.4	0.002056
13:00	-9.2	-9.9	-5.4	6.4	42.9	43.1	2.4	2.3	0.001911
14:00	-9.4	-10.5	-5.3	6.4	40.8	39.6	2.4	2.2	0.001891
15:00	-9.7	-10.8	-5.4	6.4	38.6	37.3	2.3	2.1	0.00184
16:00	-10.5	-11.4	-6.0	6.5	37.2	35.5	2.2	2.0	0.001734
17:00	-9.4	-11.7	-5.9	6.5	46.1	36.5	2.4	2.0	0.001886
18:00	-7.6	-11.2	-5.4	6.5	61.6	41.4	2.8	2.1	0.002161
19:00	-7.6	-10.7	-5.7	6.4	65.1	46.4	2.8	2.2	0.002156
20:00	-6.9	-10.2	-5.5	6.2	72.7	52.0	2.9	2.3	0.002273
21:00	-6.6	-10.1	-5.5	6.1	77.8	53.6	3.0	2.3	0.002334
22:00	-6.7	-9.7	-5.7	5.9	80.4	57.0	3.0	2.3	0.002313
23:00	-6.9	-9.5	-6.0	5.8	82.1	60.4	2.9	2.4	0.002284
Avg	-6.9	-8.1	-4.7	7.2	62.5	56.3	3.0	2.7	0.002319
Max	-.2	-.3	1.2	9.5	82.1	74.3	4.7	4.7	0.003782
Hr. of Max	00	00	00	00	23	01	00	00	00
Min	-10.5	-11.7	-6.0	5.8	37.2	35.5	2.2	2.0	0.001734
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/5/2015

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	0.003754	6.0	6.0	.00	29.46	997.7	-2.2	.00	267.4
01:00	0.003379	5.4	5.4	.00	29.49	998.7	-2.4	.00	277.0
02:00	0.002923	4.7	4.7	.00	29.51	999.5	-2.4	.00	275.6
03:00	0.002637	4.3	4.2	.00	29.54	1000.5	-2.2	.00	265.0
04:00	0.002504	4.1	4.0	.00	29.56	1001.0	-2.4	.00	263.9
05:00	0.00244	3.9	3.9	.00	29.57	1001.4	-2.3	.00	257.5
06:00	0.002363	3.8	3.8	.00	29.59	1002.1	-2.3	.00	251.8
07:00	0.002173	3.5	3.5	.00	29.62	1003.2	1.2	.00	269.7
08:00	0.00212	3.5	3.4	.00	29.65	1004.2	73.4	.11	265.6
09:00	0.002009	3.3	3.2	.00	29.68	1005.0	230.9	.33	270.8
10:00	0.001972	3.3	3.2	.00	29.68	1005.2	379.2	.54	229.8
11:00	0.001971	3.4	3.2	.00	29.67	1004.7	504.9	.72	147.1
12:00	0.001908	3.3	3.1	.00	29.64	1003.8	521.5	.75	201.1
13:00	0.001803	3.1	2.9	.00	29.62	1002.9	511.3	.73	247.3
14:00	0.001731	3.0	2.8	.00	29.60	1002.4	435.5	.62	188.6
15:00	0.001691	3.0	2.7	.00	29.59	1002.1	345.0	.49	203.4
16:00	0.00161	2.8	2.6	.00	29.59	1002.2	174.4	.25	220.4
17:00	0.001577	3.0	2.5	.00	29.59	1002.0	13.7	.02	243.3
18:00	0.001632	3.5	2.6	.00	29.57	1001.2	-2.4	.00	331.5
19:00	0.001705	3.5	2.7	.00	29.55	1000.7	-2.3	.00	345.6
20:00	0.001773	3.6	2.8	.00	29.54	1000.3	-2.3	.00	255.4
21:00	0.001785	3.7	2.9	.00	29.52	999.7	-2.4	.00	305.7
22:00	0.001834	3.7	2.9	.00	29.49	998.8	-2.4	.00	357.1
23:00	0.00187	3.7	3.0	.00	29.47	998.0	-2.3	.00	278.7
Avg	0.002132	3.7	3.4	.00	29.57	1001.6	131.7	.19	259.0
Max	0.003754	6.0	6.0	.00	29.68	1005.2	521.5	.75	357.1
Hr. of Max	00	00	00	23	10	10	12	12	22
Min	0.001577	2.8	2.5	.00	29.46	997.7	-2.4	.00	147.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/5/2015

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	277.5	283.5	272.4	283.6	31.1	27.6	21.4	4.9	6.9
01:00	287.1	292.0	280.8	291.5	37.6	33.5	26.5	4.8	6.5
02:00	288.0	290.9	280.9	290.5	44.3	35.6	28.7	4.2	6.1
03:00	278.9	282.6	269.8	282.9	26.0	21.6	17.7	7.0	9.4
04:00	274.0	276.6	269.6	277.5	24.6	21.1	16.6	4.9	6.7
05:00	266.6	270.0	262.8	271.5	18.6	13.9	12.3	4.6	6.5
06:00	268.0	271.2	258.2	272.8	19.6	15.5	12.9	3.6	5.3
07:00	281.8	287.1	273.7	287.2	23.5	18.2	15.7	3.5	5.5
08:00	278.9	283.1	270.5	283.1	22.7	18.3	13.8	3.4	4.9
09:00	278.7	280.4	275.2	280.6	30.9	24.7	21.2	3.5	4.5
10:00	240.2	244.2	237.9	245.1	42.2	33.5	28.9	2.9	3.2
11:00	156.5	161.9	154.1	162.6	37.2	33.8	32.3	2.8	3.0
12:00	210.7	212.3	204.4	212.3	51.9	47.9	44.9	1.9	2.4
13:00	260.9	253.1	254.4	255.6	49.6	37.7	35.8	2.2	3.0
14:00	203.7	209.1	196.5	211.6	42.5	40.1	38.6	3.0	3.4
15:00	213.0	213.4	209.6	215.3	27.3	25.2	23.4	4.3	5.0
16:00	229.1	227.4	227.2	229.8	22.8	18.5	14.6	3.8	4.7
17:00	240.9	247.8	246.1	249.6	20.9	14.4	11.1	1.8	3.1
18:00	63.4	266.1	329.5	271.0	26.3	44.1	26.9	.6	.3
19:00	58.3	26.4	346.8	27.2	45.3	24.4	44.7	.4	1.0
20:00	226.7	306.1	258.5	304.1	17.7	38.3	28.0	1.2	1.2
21:00	221.2	216.3	302.8	217.7	42.1	48.5	24.7	.2	1.2
22:00	239.8	201.0	251.4	188.5	51.0	38.2	26.3	.2	.1
23:00	34.0	297.8	274.7	294.2	46.6	59.4	27.9	.2	.4
Avg	254.0	260.0	259.0	260.0	33.4	30.6	24.8	.0	.0
Max	288.0	306.1	346.8	304.1	51.9	59.4	44.9	7.0	9.4
Hr. of Max	02	20	19	20	12	23	12	03	03
Min	34.0	26.4	154.1	27.2	17.7	13.9	11.1	.2	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/5/2015

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	8.7	5.5	7.5	9.3	6.2	9.9	-2.0	-1.3	-.44
01:00	8.6	5.6	7.3	9.3	6.3	10.0	-1.3	-.9	-.48
02:00	8.5	5.2	7.1	9.4	6.1	10.1	.5	.0	-.24
03:00	11.7	7.6	10.0	12.3	8.3	12.7	-3.3	-2.7	-.75
04:00	8.7	5.2	7.1	9.0	5.7	9.4	-.4	.1	-.37
05:00	8.1	4.9	6.8	8.3	5.5	8.7	-2.2	-.8	-.39
06:00	7.1	3.9	5.5	7.3	4.5	7.6	-.9	1.0	-.18
07:00	7.2	3.8	5.8	7.4	4.4	7.7	-1.5	-2.6	-.29
08:00	6.1	3.6	5.1	6.3	4.1	6.5	-2.2	-1.5	-.37
09:00	5.1	3.9	4.9	5.5	4.5	5.9	-3.8	-1.2	-.43
10:00	3.5	3.9	4.1	4.3	4.5	5.0	-4.9	-2.6	-.38
11:00	3.0	3.5	3.6	3.6	4.3	4.3	.0	-5.2	.01
12:00	2.7	4.3	4.7	4.9	5.0	5.7	-.2	.5	-.08
13:00	3.3	3.7	4.3	4.6	4.4	5.4	-.1	-.9	-.05
14:00	3.8	3.9	4.3	4.6	4.7	5.4	1.2	.7	.06
15:00	5.5	4.8	5.5	6.0	5.5	6.7	.3	3.3	-.06
16:00	5.4	4.1	5.0	5.7	4.7	6.3	1.6	.3	-.04
17:00	3.9	1.9	3.3	4.0	2.5	4.4	-.1	1.5	-.02
18:00	.2	.8	.6	.8	1.1	1.3	.6	.3	.01
19:00	1.0	.7	1.1	1.2	1.1	1.7	1.3	-.5	.02
20:00	.9	1.3	1.3	1.0	1.8	1.5	-1.8	2.4	-.05
21:00	1.4	.4	1.3	1.5	.9	2.0	2.6	.6	.03
22:00	.3	.3	.2	.5	.7	1.1	2.1	-1.0	.03
23:00	.3	.5	.5	.4	1.0	1.0	1.0	.6	.03
Avg	.0	3.5	4.5	5.3	4.1	5.8	-.6	-.4	-.18
Max	11.7	7.6	10.0	12.3	8.3	12.7	2.6	3.3	.06
Hr. of Max	03	03	03	03	03	03	21	15	14
Min	.2	.3	.2	.4	.7	1.0	-4.9	-5.2	-.75
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/5/2015

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	-.64	16.9	17.2	20.2	19.2	21.6	19.9	15.9
01:00	-.65	19.5	18.3	23.1	18.0	26.2	23.1	19.2
02:00	-.64	19.0	23.8	25.6	18.8	25.3	23.8	20.4
03:00	-.89	19.9	20.4	25.9	19.3	28.1	16.9	13.1
04:00	-.28	13.3	16.0	19.2	15.5	20.4	19.1	13.9
05:00	-.26	15.6	16.0	17.4	14.3	16.2	14.2	9.1
06:00	.04	13.7	14.7	13.3	10.0	14.1	14.5	9.6
07:00	-.48	10.8	13.7	14.9	11.1	16.5	17.4	11.8
08:00	-.31	8.5	10.3	12.1	11.1	12.0	16.9	11.5
09:00	-.34	9.4	10.5	17.4	10.0	11.3	19.8	17.2
10:00	-.38	9.6	12.1	12.1	9.8	9.6	18.4	22.9
11:00	-.39	9.2	8.9	9.2	9.4	10.4	19.8	24.8
12:00	-.15	12.6	11.0	11.2	13.0	12.5	20.3	24.1
13:00	-.30	11.4	10.5	11.4	10.6	11.9	23.5	25.6
14:00	.03	15.1	16.5	16.5	11.6	12.2	20.2	23.8
15:00	.29	13.1	16.9	14.7	11.9	14.5	16.9	17.1
16:00	-.03	10.5	10.5	10.5	10.3	10.6	16.7	13.7
17:00	.09	12.4	11.0	11.4	7.9	9.6	10.8	7.0
18:00	.01	3.7	3.7	2.3	3.8	2.3	8.3	7.9
19:00	.01	2.3	3.2	3.7	2.6	4.3	9.5	9.6
20:00	.04	2.7	3.2	4.4	3.7	4.8	7.3	13.9
21:00	.02	2.5	2.7	2.7	2.7	3.4	9.8	4.6
22:00	-.01	1.4	1.6	2.1	2.1	2.6	6.7	4.9
23:00	.04	2.5	3.2	3.0	2.5	2.4	9.3	9.5
Avg	-.22	10.7	11.5	12.7	10.4	12.6	16.0	14.6
Max	.29	19.9	23.8	25.9	19.3	28.1	23.8	25.6
Hr. of Max	15	03	02	03	03	03	02	13
Min	-.89	1.4	1.6	2.1	2.1	2.3	6.7	4.6
Count	24	24	24	24	24	24	24	24
Total								