Date Printed: 01/15/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/14/2015

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	.9	.8	.7	.6	-.11	-.29	-.38	-.18	-.27
01:00	.9	.8	.6	.5	-.09	-.28	-.37	-.18	-.27
02:00	.8	.7	.5	.4	-.10	-.30	-.39	-.19	-.29
03:00	.7	.6	.4	.3	-.11	-.30	-.39	-.19	-.28
04:00	.6	.5	.3	.2	-.09	-.29	-.39	-.20	-.30
05:00	.6	.5	.3	.2	-.10	-.29	-.39	-.19	-.29
06:00	.7	.6	.4	.3	-.10	-.28	-.37	-.18	-.27
07:00	.7	.6	.4	.3	-.11	-.29	-.38	-.18	-.27
08:00	.9	.8	.6	.5	-.14	-.34	-.44	-.20	-.30
09:00	1.5	1.3	1.1	.9	-.23	-.45	-.57	-.22	-.34
10:00	2.2	1.9	1.8	1.6	-.27	-.47	-.59	-.19	-.32
11:00	2.9	2.6	2.4	2.3	-.28	-.49	-.64	-.21	-.36
12:00	3.4	3.2	2.9	2.8	-.26	-.52	-.66	-.25	-.40
13:00	4.1	3.8	3.6	3.5	-.32	-.57	-.69	-.25	-.37
14:00	4.3	3.9	3.7	3.5	-.39	-.63	-.79	-.24	-.40
15:00	4.3	3.9	3.6	3.5	-.45	-.70	-.85	-.26	-.41
16:00	4.4	4.0	3.7	3.6	-.39	-.66	-.79	-.27	-.40
17:00	3.0	3.3	3.2	3.1	.36	.19	.11	-.17	-.25
18:00	.9	1.4	1.3	1.3	.49	.43	.43	-.06	-.06
19:00	-1.2	.4	.4	.3	1.57	1.58	1.55	.01	-.03
20:00	-1.8	-.7	-.1	.0	1.05	1.70	1.81	.66	.76
21:00	-2.2	-1.0	-.8	-.2	1.20	1.42	2.01	.22	.80
22:00	-2.6	-1.4	-1.0	-.3	1.21	1.68	2.31	.47	1.10
23:00	-3.0	-1.6	-.9	-.7	1.34	2.04	2.28	.71	.94
Avg	1.1	1.3	1.2	1.2	.15	.08	.06	-.07	-.10
Max	4.4	4.0	3.7	3.6	1.57	2.04	2.31	.71	1.10
Hr. of Max	16	16	16	16	19	23	22	23	22
Min	-3.0	-1.6	-1.0	-.7	-.45	-.70	-.85	-.27	-.41
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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1/14/2015

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	.0	.0	.3	4.1	93.9	94.5	4.8	4.8	0.00384
01:00	-.1	-.1	.2	4.0	93.9	94.3	4.8	4.8	0.003823
02:00	-.2	-.2	.2	4.0	93.8	94.4	4.8	4.8	0.003802
03:00	-.3	-.3	.0	4.0	93.9	94.5	4.7	4.7	0.003768
04:00	-.4	-.4	-.1	3.9	93.6	94.2	4.7	4.7	0.003735
05:00	-.4	-.5	-.1	3.9	93.2	93.6	4.7	4.7	0.003722
06:00	-.4	-.5	-.1	3.9	93.0	93.0	4.7	4.7	0.003727
07:00	-.3	-.3	.1	3.8	93.8	94.0	4.7	4.7	0.003769
08:00	-.2	-.4	.1	3.8	92.6	92.5	4.7	4.7	0.003777
09:00	-.1	-.3	.5	3.8	89.9	89.9	4.8	4.7	0.003829
10:00	-.6	-.9	.3	3.8	82.1	81.9	4.6	4.5	0.00368
11:00	-.3	-.6	.8	3.9	80.0	79.7	4.7	4.6	0.003764
12:00	-.1	-.3	1.1	4.1	78.2	78.2	4.8	4.7	0.00383
13:00	-.3	-.8	1.2	4.3	73.2	72.4	4.7	4.5	0.003769
14:00	-1.3	-1.9	.6	4.5	67.3	66.5	4.3	4.2	0.003507
15:00	-1.7	-2.3	.3	4.7	65.1	64.5	4.2	4.0	0.0034
16:00	-2.5	-3.0	-.2	4.8	61.4	61.0	4.0	3.9	0.003214
17:00	-2.4	-3.2	-.6	5.0	68.7	62.9	4.0	3.8	0.003244
18:00	-2.7	-3.0	-1.5	5.0	77.3	73.0	4.0	3.9	0.003148
19:00	-3.1	-3.3	-2.4	4.9	87.7	77.1	3.9	3.8	0.003069
20:00	-3.2	-3.2	-2.7	4.7	90.7	83.9	3.9	3.8	0.003047
21:00	-3.3	-3.2	-3.0	4.5	92.3	85.4	3.8	3.8	0.003002
22:00	-3.7	-3.1	-3.4	4.3	92.9	88.7	3.7	3.9	0.002921
23:00	-4.0	-3.1	-3.7	4.1	92.8	90.0	3.6	3.9	0.00285
Avg	-1.3	-1.5	-.5	4.2	85.1	83.3	4.4	4.4	0.00351
Max	.0	.0	1.2	5.0	93.9	94.5	4.8	4.8	0.00384
Hr. of Max	00	00	13	18	03	03	12	02	00
Min	-4.0	-3.3	-3.7	3.8	61.4	61.0	3.6	3.8	0.00285
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/14/2015

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	0.003834	6.1	6.1	.01	29.38	994.9	-2.1	.00	252.1
01:00	0.003816	6.1	6.1	.00	29.37	994.6	-2.1	.00	251.0
02:00	0.003797	6.0	6.0	.00	29.38	994.8	-2.1	.00	233.0
03:00	0.003762	6.0	6.0	.00	29.37	994.5	-2.3	.00	224.2
04:00	0.003736	5.9	5.9	.00	29.36	994.3	-.8	.00	224.0
05:00	0.003712	5.9	5.9	.00	29.36	994.3	-2.5	.00	224.8
06:00	0.003699	5.9	5.9	.00	29.36	994.4	-1.6	.00	207.4
07:00	0.003749	6.0	6.0	.00	29.37	994.8	-2.0	.00	228.5
08:00	0.003737	6.0	5.9	.00	29.39	995.1	28.0	.04	228.8
09:00	0.003764	6.1	6.0	.00	29.39	995.3	119.6	.17	216.5
10:00	0.003598	5.9	5.7	.00	29.39	995.4	161.1	.23	263.6
11:00	0.003676	6.0	5.8	.00	29.38	995.0	200.8	.29	282.0
12:00	0.00376	6.1	6.0	.00	29.35	993.9	166.4	.24	33.3
13:00	0.00364	6.0	5.8	.00	29.33	993.2	183.6	.26	187.7
14:00	0.00337	5.6	5.4	.00	29.32	992.9	198.6	.28	251.2
15:00	0.003262	5.4	5.2	.00	29.31	992.6	251.4	.36	268.9
16:00	0.003107	5.1	4.9	.00	29.31	992.7	211.7	.30	261.9
17:00	0.003053	5.2	4.9	.00	29.32	993.0	32.7	.05	268.7
18:00	0.00308	5.0	4.9	.01	29.33	993.3	-2.0	.00	265.5
19:00	0.003028	4.9	4.8	.00	29.34	993.5	-2.2	.00	200.5
20:00	0.003044	4.8	4.8	.00	29.34	993.5	-2.5	.00	301.3
21:00	0.003039	4.8	4.8	.00	29.33	993.3	-2.4	.00	335.3
22:00	0.003053	4.6	4.9	.00	29.33	993.2	-2.4	.00	293.9
23:00	0.003053	4.5	4.9	.00	29.32	993.0	-2.3	.00	353.9
Avg	0.003474	5.6	5.5	.00	29.35	994.0	63.5	.09	252.0
Max	0.003834	6.1	6.1	.01	29.39	995.4	251.4	.36	353.9
Hr. of Max	00	12	01	18	10	10	15	15	23
Min	0.003028	4.5	4.8	.00	29.31	992.6	-2.5	.00	33.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/14/2015

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	284.3	299.4	255.4	298.7	21.8	24.0	18.6	.9	1.3
01:00	280.2	295.2	256.2	293.4	22.0	21.7	17.9	1.1	1.4
02:00	267.8	281.9	241.0	282.1	22.8	22.8	17.5	1.3	1.9
03:00	249.0	268.1	230.1	269.0	19.9	21.6	20.3	1.5	1.8
04:00	255.9	266.9	229.9	268.3	35.1	25.7	19.9	1.2	1.9
05:00	256.4	266.9	231.1	268.3	24.6	19.9	16.7	1.1	1.9
06:00	235.5	251.1	214.5	253.3	27.6	20.3	17.2	.9	1.4
07:00	242.5	250.0	233.2	251.5	15.6	12.7	9.5	.9	1.6
08:00	249.3	259.8	234.5	260.9	20.5	23.4	17.8	1.1	1.5
09:00	230.0	231.2	219.3	233.1	31.8	31.4	26.6	1.2	1.4
10:00	276.0	276.0	266.6	275.7	42.8	29.8	33.6	1.9	2.4
11:00	326.0	326.3	277.0	328.2	61.1	40.2	39.4	1.0	1.2
12:00	22.9	7.0	34.1	4.0	35.3	25.8	26.2	1.7	2.2
13:00	202.5	206.4	195.3	210.2	29.6	28.7	28.2	2.5	3.1
14:00	263.6	261.1	258.5	262.2	26.5	19.9	16.1	4.0	5.3
15:00	276.0	272.4	272.0	272.7	49.3	37.9	32.8	2.7	3.6
16:00	271.1	271.5	265.5	272.1	31.9	25.6	22.1	2.6	3.3
17:00	279.0	277.7	272.8	278.4	20.0	18.6	14.7	2.6	3.9
18:00	295.2	301.0	269.7	299.4	27.8	20.6	12.0	2.0	4.0
19:00	226.0	271.8	207.4	273.2	18.3	28.3	46.9	1.5	1.5
20:00	46.5	347.9	299.2	347.8	34.0	34.5	39.9	.3	.1
21:00	18.7	26.3	332.0	23.0	44.3	56.0	22.5	.1	.2
22:00	287.7	29.1	287.5	24.6	41.1	48.7	9.3	.4	.1
23:00	39.5	41.0	1.2	37.8	34.5	20.7	8.7	.2	1.7
Avg	274.0	286.0	256.0	287.0	30.8	27.5	22.3	.0	.0
Max	326.0	347.9	332.0	347.8	61.1	56.0	46.9	4.0	5.3
Hr. of Max	11	20	21	20	11	21	19	14	14
Min	18.7	7.0	1.2	4.0	15.6	12.7	8.7	.1	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/14/2015

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	1.0	1.5	1.6	1.7	2.1	-.4	-4.1	-.04
01:00	1.8	1.1	1.5	1.8	1.8	2.3	-1.2	-5.2	-.05
02:00	2.5	1.4	2.0	2.6	2.0	3.1	-.3	-4.1	-.06
03:00	2.1	1.6	2.0	2.3	2.3	2.8	1.3	1.2	.01
04:00	2.5	1.4	2.1	2.7	1.9	3.2	-1.4	-1.2	-.06
05:00	2.6	1.2	2.0	2.7	1.8	3.1	4.5	1.9	.09
06:00	1.8	.9	1.5	1.9	1.6	2.3	3.6	2.2	.08
07:00	2.0	1.0	1.7	2.0	1.6	2.5	3.9	2.3	.07
08:00	2.1	1.2	1.7	2.2	1.7	2.6	3.7	1.8	.07
09:00	1.7	1.6	1.8	2.1	2.2	2.6	4.4	2.2	.10
10:00	2.4	2.3	2.8	2.8	2.8	3.4	-2.8	-1.6	-.22
11:00	1.4	1.7	1.8	2.2	2.3	2.8	-6.5	1.1	-.27
12:00	2.2	2.0	2.4	2.4	2.5	3.1	-4.9	-6.6	-.28
13:00	3.5	3.5	4.2	4.5	4.2	5.2	-.9	-3.6	-.10
14:00	5.9	4.4	5.6	6.2	5.0	6.8	-1.9	-1.9	-.30
15:00	3.9	3.5	4.3	4.5	4.0	5.1	-2.3	-2.9	-.18
16:00	3.8	3.0	3.7	4.2	3.5	4.7	.9	-1.7	-.04
17:00	4.8	2.8	4.2	5.1	3.2	5.3	.2	1.6	-.10
18:00	6.7	2.3	4.3	6.8	2.8	6.7	-.3	-1.3	-.11
19:00	1.1	1.6	1.7	1.4	2.2	2.0	2.0	-.6	.08
20:00	.5	.5	1.1	.8	1.0	1.4	-.2	2.0	.01
21:00	1.2	.2	.3	1.3	.7	1.9	-.2	1.1	.00
22:00	1.5	.5	.3	1.5	.9	2.1	.9	1.3	.01
23:00	3.0	.4	1.8	3.0	.9	3.5	2.8	1.2	.05
Avg	.0	1.7	2.3	2.9	2.3	3.4	.2	-.6	-.05
Max	6.7	4.4	5.6	6.8	5.0	6.8	4.5	2.3	.10
Hr. of Max	18	14	14	18	14	14	05	07	09
Min	.5	.2	.3	.8	.7	1.4	-6.5	-6.6	-.30
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/14/2015

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	-.20	5.3	5.0	4.1	4.7	4.5	17.0	14.2
01:00	-.27	3.7	3.9	4.6	3.9	5.1	14.4	13.5
02:00	-.30	3.9	4.6	8.0	4.6	7.1	16.4	15.3
03:00	.00	5.0	7.6	9.6	6.3	7.2	15.8	15.0
04:00	-.13	4.1	5.7	6.2	5.1	7.1	18.7	14.1
05:00	.03	3.4	4.6	7.8	4.0	5.9	16.8	12.1
06:00	.07	3.9	5.7	5.3	3.9	5.9	14.0	11.8
07:00	.09	2.3	3.2	3.7	2.9	4.0	12.6	6.2
08:00	.06	4.1	5.3	5.3	4.2	5.8	17.9	13.0
09:00	.05	4.6	5.5	5.0	5.1	6.2	21.8	18.8
10:00	-.26	7.6	7.8	8.7	8.6	7.4	21.3	22.1
11:00	-.01	8.2	8.2	8.9	6.1	7.3	25.4	28.3
12:00	-.36	6.6	5.7	6.2	7.1	7.1	23.3	21.0
13:00	-.26	10.5	11.0	11.0	11.4	12.1	18.6	18.2
14:00	-.30	11.4	13.1	14.2	12.7	13.2	17.8	14.6
15:00	-.34	9.2	11.7	12.4	9.1	13.2	21.6	18.5
16:00	-.26	8.2	9.6	9.2	9.1	9.7	20.9	18.0
17:00	-.01	7.1	8.7	10.8	7.7	10.7	15.0	12.0
18:00	-.27	7.1	8.9	15.1	8.0	11.6	19.3	10.0
19:00	-.06	3.4	5.7	6.4	4.3	8.0	11.0	23.2
20:00	.02	3.0	3.9	2.7	2.8	3.4	9.3	16.4
21:00	.04	1.4	1.8	3.7	2.0	4.2	9.4	9.9
22:00	.05	1.6	2.7	5.7	2.3	4.6	7.0	6.8
23:00	.05	1.8	4.8	6.4	2.3	7.3	11.2	6.5
Avg	-.11	5.3	6.4	7.5	5.8	7.4	16.5	15.0
Max	.09	11.4	13.1	15.1	12.7	13.2	25.4	28.3
Hr. of Max	07	14	14	18	14	15	11	11
Min	-.36	1.4	1.8	2.7	2.0	3.4	7.0	6.2
Count	24	24	24	24	24	24	24	24
Total								