Date Printed: 01/21/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/20/2015

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	1.8	4.8	7.9	9.7	2.98	6.14	7.87	3.16	4.89
01:00	1.6	5.4	8.1	9.6	3.87	6.54	8.07	2.67	4.20
02:00	1.2	4.8	7.5	9.3	3.60	6.36	8.15	2.76	4.55
03:00	.6	4.5	7.9	9.3	3.91	7.28	8.64	3.37	4.73
04:00	.3	4.8	7.6	8.9	4.47	7.31	8.61	2.84	4.14
05:00	.0	4.1	7.1	8.7	4.14	7.11	8.73	2.97	4.59
06:00	-.6	3.1	5.5	7.5	3.72	6.13	8.09	2.41	4.37
07:00	-1.1	2.2	4.1	6.7	3.22	5.16	7.77	1.94	4.55
08:00	.4	2.6	4.7	6.7	2.14	4.27	6.30	2.14	4.16
09:00	5.1	5.7	7.5	8.1	.67	2.42	3.08	1.75	2.41
10:00	11.2	10.7	10.5	10.5	-.52	-.69	-.70	-.17	-.18
11:00	14.3	13.5	13.1	13.0	-.78	-1.13	-1.21	-.35	-.43
12:00	15.5	14.6	14.3	14.2	-.87	-1.20	-1.33	-.33	-.45
13:00	16.9	15.9	15.6	15.5	-1.01	-1.29	-1.38	-.28	-.37
14:00	17.8	17.0	16.7	16.6	-.77	-1.07	-1.20	-.30	-.42
15:00	17.7	17.4	17.1	17.0	-.31	-.60	-.71	-.29	-.40
16:00	17.0	17.1	16.9	16.8	.10	-.09	-.13	-.19	-.22
17:00	14.6	16.3	16.3	16.4	1.70	1.71	1.81	.01	.12
18:00	11.9	14.5	15.4	15.9	2.64	3.51	3.99	.87	1.35
19:00	10.0	12.8	13.7	14.7	2.81	3.74	4.67	.93	1.86
20:00	8.9	11.6	13.8	14.2	2.71	4.85	5.34	2.14	2.63
21:00	7.9	11.5	13.0	13.2	3.63	5.13	5.28	1.50	1.66
22:00	7.8	11.4	12.1	12.2	3.62	4.30	4.46	.68	.84
23:00	8.8	11.0	11.3	11.4	2.17	2.45	2.56	.28	.39
Avg	7.9	9.9	11.2	11.9	1.99	3.26	4.03	1.27	2.04
Max	17.8	17.4	17.1	17.0	4.47	7.31	8.73	3.37	4.89
Hr. of Max	14	15	15	15	04	04	05	03	00
Min	-1.1	2.2	4.1	6.7	-1.01	-1.29	-1.38	-.35	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/20/2015

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	-1.7	-1.8	-.5	5.5	78.2	63.1	4.3	4.2	0.003441
01:00	-1.6	-2.3	-.5	5.4	80.0	58.0	4.3	4.0	0.003464
02:00	-1.6	-2.3	-.7	5.3	82.2	60.5	4.3	4.0	0.003456
03:00	-1.8	-2.3	-1.0	5.2	84.0	61.8	4.2	4.1	0.0034
04:00	-1.9	-2.4	-1.2	5.1	85.4	60.3	4.2	4.0	0.003372
05:00	-2.1	-2.5	-1.4	5.0	86.2	62.7	4.1	4.0	0.003325
06:00	-2.6	-2.2	-1.9	4.9	87.2	68.7	4.0	4.1	0.00322
07:00	-2.8	-2.6	-2.2	4.8	88.1	71.4	3.9	4.0	0.003152
08:00	-2.0	-2.4	-1.2	4.6	84.6	70.4	4.2	4.0	0.003367
09:00	-.4	-2.2	1.4	4.5	68.7	57.7	4.6	4.1	0.003792
10:00	-.8	-2.0	3.2	4.5	44.3	41.8	4.4	4.1	0.003702
11:00	-1.7	-2.4	3.6	4.6	33.8	33.8	4.1	3.9	0.003479
12:00	-1.6	-2.2	4.1	4.8	31.5	31.8	4.1	4.0	0.003515
13:00	-1.0	-1.5	5.0	5.0	30.1	31.0	4.3	4.2	0.003678
14:00	-.9	-1.5	5.3	5.3	28.7	28.9	4.3	4.2	0.003705
15:00	-.8	-1.4	5.4	5.8	29.0	28.4	4.4	4.2	0.003741
16:00	.0	-.6	5.7	6.2	32.3	30.8	4.6	4.5	0.003963
17:00	1.3	.1	5.7	6.5	41.3	34.0	5.1	4.7	0.004329
18:00	1.7	.4	5.1	6.7	50.3	38.8	5.3	4.8	0.004434
19:00	1.8	1.0	4.6	6.8	57.6	45.0	5.4	5.0	0.004471
20:00	2.1	.9	4.4	6.8	62.9	48.4	5.5	5.0	0.004545
21:00	2.3	1.0	4.1	6.8	68.3	48.9	5.6	5.0	0.004593
22:00	2.1	.8	4.0	6.8	68.0	48.8	5.5	5.0	0.004545
23:00	1.9	.6	4.2	6.7	62.3	49.2	5.4	4.9	0.004471
Avg	-.5	-1.2	2.3	5.6	61.0	48.9	4.6	4.3	0.003798
Max	2.3	1.0	5.7	6.8	88.1	71.4	5.6	5.0	0.004593
Hr. of Max	21	21	17	22	07	07	21	22	21
Min	-2.8	-2.6	-2.2	4.5	28.7	28.4	3.9	3.9	0.003152
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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1/20/2015

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	0.003425	5.4	5.4	.00	29.04	983.5	-2.3	.00	352.1
01:00	0.0033	5.4	5.2	.00	29.04	983.3	-2.0	.00	259.4
02:00	0.003289	5.4	5.2	.00	29.04	983.4	-2.6	.00	240.2
03:00	0.003303	5.3	5.2	.00	29.03	983.2	-2.5	.00	236.2
04:00	0.003277	5.3	5.2	.00	29.03	983.0	-2.2	.00	233.5
05:00	0.003251	5.2	5.1	.00	29.02	982.9	-2.6	.00	92.7
06:00	0.003315	5.1	5.2	.00	29.03	983.1	-2.2	.00	95.8
07:00	0.003225	5.0	5.1	.00	29.04	983.5	.1	.00	103.4
08:00	0.003265	5.3	5.1	.00	29.05	983.8	111.9	.16	178.6
09:00	0.003328	6.0	5.2	.00	29.06	984.2	278.4	.40	214.1
10:00	0.003389	5.8	5.3	.00	29.07	984.5	439.2	.63	218.7
11:00	0.003301	5.5	5.2	.00	29.06	984.0	548.0	.79	227.6
12:00	0.003356	5.5	5.3	.00	29.04	983.3	585.3	.84	217.0
13:00	0.003556	5.8	5.6	.00	29.00	982.2	607.9	.87	219.0
14:00	0.003553	5.8	5.6	.00	28.98	981.5	460.6	.66	233.7
15:00	0.003594	5.9	5.6	.00	28.97	981.2	253.0	.36	214.3
16:00	0.003807	6.2	6.0	.00	28.98	981.4	100.8	.14	227.3
17:00	0.003991	6.8	6.3	.00	28.99	981.7	13.1	.02	241.5
18:00	0.00406	7.0	6.4	.00	29.01	982.4	-1.8	.00	342.2
19:00	0.004214	7.0	6.6	.00	29.03	983.1	-2.6	.00	260.0
20:00	0.004194	7.1	6.6	.00	29.04	983.3	-2.8	.00	233.8
21:00	0.004202	7.2	6.6	.00	29.05	983.8	-1.7	.00	235.7
22:00	0.004163	7.1	6.5	.00	29.07	984.4	-1.8	.00	222.2
23:00	0.004086	7.0	6.4	.00	29.08	984.9	-1.5	.00	229.5
Avg	0.003602	6.0	5.7	.00	29.03	983.2	140.4	.20	227.0
Max	0.004214	7.2	6.6	.00	29.08	984.9	607.9	.87	352.1
Hr. of Max	19	21	21	23	23	23	13	13	00
Min	0.003225	5.0	5.1	.00	28.97	981.2	-2.8	.00	92.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/20/2015

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	227.9	236.4	350.6	238.6	38.2	7.9	4.9	.0	3.8
01:00	221.3	245.4	260.0	247.2	16.1	3.7	4.7	.6	4.6
02:00	224.0	244.4	242.0	246.1	12.1	3.9	4.1	1.2	4.8
03:00	227.5	238.2	239.1	240.3	10.8	6.1	3.4	1.4	5.1
04:00	225.5	240.8	231.4	242.7	42.7	7.0	4.8	1.1	4.2
05:00	219.1	245.9	101.1	247.9	54.9	4.7	5.3	.0	3.9
06:00	228.0	235.5	201.2	237.6	37.4	5.0	5.9	.0	4.0
07:00	232.8	246.5	138.1	247.5	46.8	7.6	7.3	.0	3.0
08:00	238.8	224.2	184.8	226.6	46.2	8.8	11.6	.3	2.4
09:00	236.2	244.1	212.2	246.0	28.3	7.8	7.0	.9	3.5
10:00	233.1	232.6	223.5	234.6	20.5	17.6	13.5	4.6	6.2
11:00	233.0	230.3	234.7	233.0	21.9	19.6	14.8	7.0	8.6
12:00	224.3	221.3	223.2	223.7	23.4	19.6	16.0	5.9	7.4
13:00	229.3	228.4	225.6	231.0	27.9	26.7	22.1	5.2	6.2
14:00	239.9	234.6	240.4	237.4	27.1	19.3	16.0	6.0	7.7
15:00	220.7	219.1	220.8	222.0	21.4	16.5	12.9	5.2	6.9
16:00	230.7	227.0	232.6	229.6	19.3	15.1	10.9	3.3	5.1
17:00	228.2	219.8	245.3	222.5	15.8	9.0	7.6	1.6	3.3
18:00	257.7	267.3	261.6	268.3	26.0	36.2	11.5	.3	1.4
19:00	253.7	238.5	260.1	239.9	48.8	32.1	14.3	.4	.7
20:00	278.1	285.8	232.6	285.8	43.8	12.0	11.6	.6	3.2
21:00	258.9	275.3	240.5	276.5	16.2	16.8	14.6	2.2	3.6
22:00	244.0	258.5	228.1	260.5	21.9	11.7	12.4	3.5	5.5
23:00	251.6	263.6	233.0	265.1	36.8	22.6	13.9	2.2	4.0
Avg	235.0	241.0	229.0	243.0	29.3	14.1	10.5	.0	.0
Max	278.1	285.8	350.6	285.8	54.9	36.2	22.1	7.0	8.6
Hr. of Max	20	20	00	20	05	18	13	11	11
Min	219.1	219.1	101.1	222.0	10.8	3.7	3.4	.0	.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/20/2015

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	6.4	.1	3.8	6.5	.5	6.9	2.9	1.7	.04
01:00	5.3	.7	4.6	5.3	1.1	5.7	1.5	2.1	.02
02:00	5.7	1.2	4.8	5.7	1.8	6.1	.2	2.4	-.01
03:00	7.7	1.4	5.2	7.7	1.9	8.2	2.0	2.6	.06
04:00	6.2	1.1	4.3	6.3	1.5	6.7	1.9	2.2	.05
05:00	5.5	.1	4.0	5.6	.5	6.0	4.0	2.1	.05
06:00	3.2	.0	4.0	3.3	.3	3.7	1.4	1.1	.02
07:00	2.0	.1	3.0	2.1	.5	2.4	2.7	1.0	.04
08:00	3.0	.3	2.4	3.1	.7	3.4	2.5	.8	.04
09:00	5.1	.9	3.5	5.2	1.4	5.6	1.6	1.3	.03
10:00	8.1	4.9	6.5	8.4	5.5	9.0	2.2	2.8	-.02
11:00	9.7	7.4	9.0	10.0	8.0	10.7	.2	.7	-.25
12:00	8.2	6.5	7.9	8.6	7.2	9.3	-.6	-.9	-.24
13:00	7.0	5.8	6.8	7.5	6.5	8.2	-.5	-.3	-.20
14:00	8.5	6.6	8.1	8.8	7.2	9.5	-1.7	-1.6	-.32
15:00	8.2	5.5	7.2	8.5	6.2	9.1	2.4	-.3	.03
16:00	6.3	3.6	5.3	6.5	4.1	7.0	1.3	.6	.03
17:00	4.6	1.7	3.4	4.7	2.1	5.0	.0	1.6	-.01
18:00	2.7	.5	1.6	3.0	.9	3.2	2.9	1.8	.04
19:00	1.9	.5	.8	2.1	.9	2.4	2.2	.9	.03
20:00	5.6	.7	3.4	5.9	1.2	5.9	3.2	.0	.06
21:00	4.8	2.3	3.8	4.9	2.7	5.1	.2	1.3	.01
22:00	6.6	3.6	5.8	6.8	4.1	7.2	1.4	1.7	.03
23:00	5.2	2.4	4.5	5.8	3.0	6.2	2.8	.4	.09
Avg	.0	2.4	4.7	5.9	2.9	6.4	1.5	1.1	-.02
Max	9.7	7.4	9.0	10.0	8.0	10.7	4.0	2.8	.09
Hr. of Max	11	11	11	11	11	11	05	10	23
Min	1.9	.0	.8	2.1	.3	2.4	-1.7	-1.6	-.32
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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1/20/2015

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	.19	1.1	8.7	12.8	1.5	11.3	8.1	2.9
01:00	.21	2.7	8.2	10.3	3.0	8.1	6.5	3.0
02:00	.26	3.4	11.2	11.0	3.9	10.0	5.9	3.0
03:00	.38	3.7	10.5	15.3	4.1	10.5	4.9	2.4
04:00	.26	4.1	8.0	13.5	4.6	10.2	7.4	3.3
05:00	.22	.9	8.2	9.8	1.4	9.6	8.3	3.5
06:00	.07	.7	7.6	9.4	1.6	6.3	6.0	3.0
07:00	.05	.9	7.3	5.7	1.4	3.4	7.7	3.7
08:00	.06	1.6	4.1	4.8	2.1	5.2	5.3	2.2
09:00	.11	3.7	7.6	10.8	4.3	11.7	7.6	4.3
10:00	.34	13.5	14.2	14.4	13.4	15.8	17.9	10.9
11:00	-.08	15.6	17.4	17.4	17.2	19.2	15.9	12.2
12:00	-.27	23.1	24.5	25.0	17.2	17.4	15.1	14.9
13:00	-.15	15.6	14.0	16.0	14.9	15.8	16.8	16.5
14:00	-.37	15.1	14.9	16.3	15.3	17.7	13.5	11.8
15:00	-.16	13.3	17.9	26.3	14.3	15.9	15.8	10.6
16:00	.03	11.0	13.7	13.7	11.9	13.5	12.7	8.2
17:00	.12	4.8	7.1	10.5	4.3	8.9	6.6	4.3
18:00	.09	2.1	3.9	6.4	2.8	6.2	10.2	5.9
19:00	.04	1.8	3.2	4.8	2.3	5.1	8.6	5.5
20:00	-.09	5.5	8.7	11.0	6.7	12.0	17.7	8.1
21:00	.07	5.5	6.9	12.4	5.4	9.8	8.4	9.0
22:00	.17	7.8	10.5	12.6	8.9	12.5	10.8	6.6
23:00	-.02	6.9	10.3	13.3	8.3	12.8	15.7	9.9
Avg	.06	6.9	10.4	12.6	7.1	11.2	10.6	6.9
Max	.38	23.1	24.5	26.3	17.2	19.2	17.9	16.5
Hr. of Max	03	12	12	15	12	11	10	13
Min	-.37	.7	3.2	4.8	1.4	3.4	4.9	2.2
Count	24	24	24	24	24	24	24	24
Total								