Date Printed: 03/12/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/11/2015

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	13.7	14.8	15.3	15.8	1.09	1.59	2.04	.50	.96
01:00	14.3	15.3	15.4	15.5	.99	1.12	1.24	.13	.25
02:00	14.3	15.1	15.1	15.2	.79	.85	.93	.05	.14
03:00	14.1	14.8	15.0	15.1	.77	.97	1.07	.20	.31
04:00	14.0	14.7	15.0	15.2	.70	.97	1.19	.27	.48
05:00	14.0	14.7	14.8	15.1	.71	.82	1.07	.11	.36
06:00	13.7	14.7	14.7	15.1	.96	1.04	1.39	.08	.43
07:00	13.8	14.7	14.9	15.2	.92	1.12	1.47	.20	.55
08:00	13.9	14.7	14.8	15.2	.81	.93	1.33	.12	.52
09:00	14.5	14.8	15.0	15.3	.39	.54	.85	.15	.47
10:00	15.3	15.4	15.4	15.5	.08	.06	.21	-.03	.12
11:00	16.0	16.0	15.9	15.9	.03	-.14	-.13	-.17	-.17
12:00	16.4	16.4	16.1	16.1	-.07	-.29	-.34	-.23	-.27
13:00	17.0	16.8	16.6	16.6	-.15	-.36	-.41	-.20	-.26
14:00	17.8	17.6	17.4	17.3	-.18	-.41	-.48	-.24	-.30
15:00	18.7	18.5	18.3	18.2	-.26	-.45	-.52	-.20	-.26
16:00	19.8	19.4	19.2	19.0	-.35	-.61	-.74	-.26	-.39
17:00	20.3	20.1	19.8	19.7	-.23	-.51	-.67	-.28	-.43
18:00	19.7	19.7	19.5	19.4	.01	-.17	-.24	-.19	-.26
19:00	17.6	17.7	17.5	17.5	.11	-.05	-.10	-.16	-.21
20:00	16.2	16.8	16.7	16.6	.59	.49	.46	-.10	-.13
21:00	15.4	15.4	15.3	15.2	.09	-.09	-.16	-.18	-.24
22:00	14.3	14.6	14.4	14.4	.21	.08	.04	-.13	-.17
23:00	13.3	13.7	13.6	13.6	.36	.29	.27	-.07	-.09
Avg	15.8	16.1	16.1	16.2	.35	.32	.41	-.03	.06
Max	20.3	20.1	19.8	19.7	1.09	1.59	2.04	.50	.96
Hr. of Max	17	17	17	17	00	00	00	00	00
Min	13.3	13.7	13.6	13.6	-.35	-.61	-.74	-.28	-.43
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/11/2015

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	13.2	14.3	13.4	10.6	97.9	98.4	11.5	12.3	0.009702
01:00	13.7	14.5	13.9	10.6	98.0	96.8	11.8	12.4	0.010042
02:00	13.7	14.4	13.9	10.7	97.9	97.2	11.8	12.3	0.010037
03:00	13.5	14.3	13.7	10.8	97.9	98.3	11.7	12.3	0.009915
04:00	13.5	14.2	13.7	10.8	97.9	98.5	11.7	12.2	0.009895
05:00	13.4	14.2	13.6	10.9	97.9	98.5	11.6	12.2	0.009867
06:00	13.2	14.2	13.3	11.0	97.9	98.5	11.4	12.2	0.009685
07:00	13.2	14.2	13.4	11.1	97.9	98.5	11.5	12.2	0.009709
08:00	13.3	14.2	13.5	11.2	97.9	98.5	11.6	12.2	0.009784
09:00	13.9	14.4	14.1	11.3	98.0	98.5	12.0	12.3	0.010155
10:00	14.8	14.9	14.9	11.5	98.0	98.6	12.6	12.8	0.010746
11:00	15.4	15.5	15.6	11.7	98.1	98.6	13.1	13.2	0.011219
12:00	15.8	15.7	16.0	11.9	97.7	97.6	13.4	13.4	0.011496
13:00	15.8	15.6	16.2	12.0	94.6	94.3	13.5	13.3	0.01152
14:00	15.6	15.2	16.4	12.2	88.6	87.4	13.3	12.9	0.011381
15:00	14.5	14.0	15.9	12.5	78.1	76.8	12.3	11.9	0.010615
16:00	13.6	12.9	15.6	12.8	68.7	67.1	11.6	11.1	0.009984
17:00	13.4	12.8	15.7	13.1	65.7	64.1	11.4	11.0	0.009862
18:00	13.7	13.0	15.7	13.4	69.8	66.8	11.7	11.2	0.010045
19:00	12.8	12.7	14.4	13.6	75.2	73.8	11.1	11.0	0.009476
20:00	13.5	13.3	14.4	13.7	85.5	81.7	11.6	11.5	0.00987
21:00	12.8	12.8	13.6	13.6	86.0	85.8	11.1	11.1	0.009416
22:00	12.0	12.1	12.8	13.5	87.2	86.4	10.6	10.6	0.008939
23:00	11.2	11.3	11.9	13.3	88.2	86.7	10.1	10.2	0.008461
Avg	13.7	13.9	14.4	12.0	90.0	89.5	11.8	12.0	0.010076
Max	15.8	15.7	16.4	13.7	98.1	98.6	13.5	13.4	0.01152
Hr. of Max	13	12	14	20	11	11	13	12	13
Min	11.2	11.3	11.9	10.6	65.7	64.1	10.1	10.2	0.008461
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)

3/11/2015

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	0.01046	15.2	16.3	.08	29.19	988.4	-2.3	.00	228.8
01:00	0.010575	15.7	16.5	.03	29.18	988.2	-2.7	.00	252.7
02:00	0.010487	15.7	16.4	.03	29.18	988.3	-2.4	.00	222.1
03:00	0.010457	15.5	16.3	.01	29.18	988.3	-1.5	.00	282.5
04:00	0.010412	15.5	16.3	.04	29.18	988.1	-2.7	.00	66.4
05:00	0.010391	15.4	16.2	.03	29.18	988.2	-2.9	.00	222.8
06:00	0.010366	15.2	16.2	.03	29.18	988.3	-1.7	.00	355.0
07:00	0.010367	15.2	16.2	.06	29.20	988.9	-1.1	.00	146.7
08:00	0.010371	15.3	16.2	.07	29.21	989.3	12.8	.02	262.6
09:00	0.010475	15.9	16.4	.06	29.22	989.5	50.6	.07	69.7
10:00	0.010866	16.8	17.0	.05	29.24	990.3	94.1	.13	227.6
11:00	0.011304	17.5	17.7	.00	29.24	990.3	124.9	.18	203.7
12:00	0.011428	18.0	17.9	.01	29.24	990.4	163.0	.23	196.6
13:00	0.011379	18.0	17.8	.00	29.25	990.6	185.2	.27	211.3
14:00	0.011095	17.8	17.4	.00	29.25	990.5	300.6	.43	201.1
15:00	0.010268	16.6	16.1	.00	29.24	990.3	323.7	.46	276.6
16:00	0.009533	15.6	14.9	.00	29.24	990.2	564.0	.81	99.3
17:00	0.009489	15.5	14.9	.00	29.24	990.2	349.7	.50	146.7
18:00	0.009623	15.7	15.1	.00	29.25	990.7	103.3	.15	253.7
19:00	0.009367	14.9	14.7	.00	29.29	991.8	16.5	.02	311.8
20:00	0.009783	15.5	15.4	.00	29.31	992.6	-2.7	.00	23.3
21:00	0.009436	14.8	14.8	.00	29.33	993.3	-1.9	.00	66.3
22:00	0.008974	14.1	14.1	.00	29.35	994.1	-1.3	.00	59.2
23:00	0.008519	13.3	13.4	.00	29.37	994.5	-2.5	.00	58.2
Avg	0.010226	15.8	16.0	.02	29.24	990.2	94.3	.14	218.0
Max	0.011428	18.0	17.9	.08	29.37	994.5	564.0	.81	355.0
Hr. of Max	12	13	12	00	23	23	16	16	06
Min	0.008519	13.3	13.4	.00	29.18	988.1	-2.9	.00	23.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/11/2015

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	237.5	238.8	232.3	240.8	33.2	13.1	12.7	2.6	5.3
01:00	253.9	258.5	255.0	260.1	39.3	27.3	14.2	1.3	3.3
02:00	229.7	235.1	233.5	237.5	28.3	16.1	9.8	.9	2.4
03:00	266.5	239.9	283.2	241.9	43.5	21.0	12.6	.2	1.0
04:00	280.2	270.1	241.8	271.2	44.9	42.6	17.6	.2	.4
05:00	218.8	260.4	229.8	256.2	24.4	8.6	25.7	1.0	2.2
06:00	115.4	73.5	334.5	68.8	48.1	32.6	43.6	.4	.7
07:00	59.1	21.6	189.1	359.2	27.7	22.9	23.3	.1	.3
08:00	201.6	187.2	263.9	192.1	57.7	59.0	14.0	.1	.2
09:00	7.1	106.1	76.3	105.4	56.1	32.6	34.4	.3	.6
10:00	241.5	239.6	232.2	242.1	18.2	15.3	12.5	1.8	2.7
11:00	223.6	234.7	211.4	237.4	22.2	17.9	12.9	1.8	2.4
12:00	207.4	212.0	202.4	214.7	18.6	13.8	9.4	1.9	2.6
13:00	222.6	232.7	218.0	234.5	26.3	21.9	20.6	1.3	1.5
14:00	227.1	232.5	207.9	234.0	33.1	36.6	25.8	1.6	2.0
15:00	287.7	294.3	280.8	291.4	32.1	27.5	26.9	1.8	2.3
16:00	98.8	91.0	106.4	81.1	59.0	67.6	63.1	1.0	.9
17:00	150.3	154.5	152.8	159.1	30.6	32.8	40.2	1.8	1.9
18:00	258.4	255.3	257.7	255.6	19.1	19.2	19.1	3.2	3.9
19:00	318.1	317.5	308.4	313.0	41.0	35.9	29.7	2.4	3.7
20:00	35.3	41.7	23.9	36.7	28.1	17.5	14.9	1.8	4.4
21:00	62.2	60.1	67.1	55.9	24.3	15.4	11.0	2.6	4.6
22:00	61.3	60.9	61.9	56.5	24.9	15.0	8.7	2.7	5.7
23:00	66.1	67.4	61.3	63.5	28.6	17.0	12.4	2.4	4.8
Avg	234.0	238.0	235.0	248.0	33.7	26.2	21.5	.0	.0
Max	318.1	317.5	334.5	359.2	59.0	67.6	63.1	3.2	5.7
Hr. of Max	19	19	06	07	16	16	16	18	22
Min	7.1	21.6	23.9	36.7	18.2	8.6	8.7	.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)

3/11/2015

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	7.7	3.1	5.6	8.0	3.6	8.5	.5	1.4	-.03
01:00	5.2	1.8	3.7	5.4	2.3	5.7	1.9	2.1	.01
02:00	3.9	1.2	2.8	4.2	1.7	4.6	1.2	1.1	.02
03:00	1.7	.3	1.2	1.8	1.0	2.1	.5	.6	.01
04:00	2.0	.5	.7	2.1	1.0	2.4	2.7	2.1	.03
05:00	1.8	1.1	2.2	1.8	1.7	2.2	-.4	1.1	.00
06:00	.5	.6	.8	.9	1.0	1.4	.6	1.4	.00
07:00	.2	.1	.3	.2	.6	.8	.8	-1.0	.01
08:00	1.1	.4	.4	1.1	1.0	1.6	2.2	.7	.03
09:00	.4	.9	1.1	.8	1.3	1.2	1.7	.0	.02
10:00	3.6	1.8	2.8	3.8	2.3	4.2	.4	.4	-.01
11:00	2.8	1.9	2.5	2.9	2.4	3.3	2.3	-.4	.04
12:00	3.1	2.0	2.7	3.2	2.6	3.6	4.7	.6	.16
13:00	1.6	1.4	1.6	1.8	1.9	2.2	1.6	4.0	.05
14:00	2.1	1.8	2.2	2.3	2.4	2.8	3.2	-2.8	.04
15:00	2.6	2.1	2.6	2.8	2.5	3.2	-6.3	-8.0	-.25
16:00	1.0	1.5	1.6	1.4	2.1	2.2	-2.4	-12.3	-.10
17:00	1.9	2.3	2.5	2.4	3.0	2.9	4.5	.4	.20
18:00	4.3	3.4	4.3	4.8	3.9	5.1	-.9	-3.2	-.14
19:00	5.0	2.8	4.1	5.3	3.1	5.5	-1.4	.5	-.23
20:00	5.5	2.2	4.7	5.7	2.6	6.1	-1.8	-1.2	-.20
21:00	5.8	2.8	4.7	5.9	3.3	6.3	-2.9	-1.4	-.32
22:00	7.3	3.0	5.9	7.4	3.4	7.9	-.8	-1.4	-.16
23:00	6.3	2.6	5.0	6.5	3.1	7.0	-.9	2.9	-.13
Avg	.0	1.7	2.8	3.4	2.2	3.9	.5	-.5	-.04
Max	7.7	3.4	5.9	8.0	3.9	8.5	4.7	4.0	.20
Hr. of Max	00	18	22	00	18	00	12	13	17
Min	.2	.1	.3	.2	.6	.8	-6.3	-12.3	-.32
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/11/2015

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	.16	9.4	12.8	18.8	10.4	20.8	10.6	5.2
01:00	.15	6.9	13.3	18.3	6.8	11.8	13.6	6.8
02:00	.05	5.3	13.3	14.0	6.5	11.4	8.7	4.8
03:00	.02	2.3	2.7	3.7	2.7	3.8	6.5	4.9
04:00	.07	2.3	3.9	5.0	2.4	5.4	9.9	10.4
05:00	.07	3.2	5.3	7.6	3.9	4.6	9.3	5.2
06:00	.04	2.3	3.0	2.5	2.9	2.8	6.7	8.3
07:00	-.01	1.8	1.6	1.1	1.7	1.8	5.0	8.3
08:00	.03	1.8	1.8	2.5	2.1	3.0	7.8	5.4
09:00	.01	3.2	3.2	3.9	2.8	2.8	9.5	8.9
10:00	.03	4.6	6.2	6.9	5.2	7.5	8.9	6.6
11:00	-.04	4.8	6.4	6.4	5.2	6.9	15.0	10.2
12:00	.02	4.8	5.0	5.3	5.3	5.8	15.9	9.2
13:00	.11	3.4	4.1	5.5	4.4	4.8	17.6	16.2
14:00	-.13	6.2	7.6	5.7	7.5	6.7	23.2	20.2
15:00	-.46	8.9	6.4	6.4	6.1	7.5	23.3	17.3
16:00	-.62	5.7	6.2	6.0	6.3	9.1	30.0	35.5
17:00	-.01	5.7	6.9	6.0	7.2	6.8	21.4	22.7
18:00	-.24	12.4	14.4	16.0	12.7	14.8	13.7	10.5
19:00	-.29	11.4	13.1	19.5	13.2	15.0	22.8	18.1
20:00	-.22	7.3	10.5	11.0	9.2	11.5	17.4	8.1
21:00	-.23	8.5	10.5	10.5	10.2	10.8	18.8	9.5
22:00	-.26	10.3	12.6	13.7	9.1	15.4	19.5	7.3
23:00	.21	9.8	12.1	19.2	11.5	13.6	19.3	10.0
Avg	-.06	5.9	7.6	9.0	6.5	8.5	14.8	11.2
Max	.21	12.4	14.4	19.5	13.2	20.8	30.0	35.5
Hr. of Max	23	18	18	19	19	00	16	16
Min	-.62	1.8	1.6	1.1	1.7	1.8	5.0	4.8
Count	24	24	24	24	24	24	24	24
Total								