Date Printed: 03/21/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/20/2015

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	8.6	8.6	8.6	8.6	-.04	-.08	-.04	-.04	.00
01:00	8.7	8.7	8.6	8.6	-.02	-.10	-.08	-.09	-.06
02:00	8.8	8.7	8.6	8.6	-.02	-.15	-.17	-.14	-.15
03:00	8.8	8.7	8.6	8.6	-.04	-.18	-.20	-.14	-.17
04:00	8.7	8.7	8.6	8.6	-.02	-.15	-.17	-.14	-.15
05:00	8.9	8.9	8.7	8.7	.00	-.11	-.13	-.12	-.13
06:00	8.9	8.9	8.8	8.8	-.02	-.14	-.15	-.12	-.13
07:00	9.0	9.0	8.8	8.8	-.02	-.16	-.17	-.14	-.15
08:00	9.1	9.0	8.9	8.9	-.05	-.20	-.21	-.15	-.16
09:00	9.3	9.2	9.0	9.0	-.08	-.26	-.28	-.18	-.19
10:00	9.7	9.6	9.4	9.4	-.12	-.32	-.34	-.20	-.23
11:00	10.1	9.9	9.7	9.7	-.16	-.38	-.43	-.21	-.27
12:00	10.5	10.4	10.2	10.1	-.18	-.38	-.45	-.20	-.27
13:00	11.0	10.8	10.6	10.5	-.23	-.45	-.53	-.22	-.30
14:00	11.4	11.2	11.0	10.9	-.21	-.45	-.52	-.23	-.31
15:00	12.0	11.7	11.5	11.4	-.26	-.49	-.57	-.23	-.31
16:00	12.2	12.0	11.9	11.8	-.14	-.32	-.41	-.17	-.27
17:00	12.1	11.9	11.8	11.7	-.13	-.30	-.38	-.17	-.26
18:00	12.2	12.1	11.9	11.9	-.11	-.28	-.36	-.17	-.24
19:00	12.0	12.0	11.9	11.9	.06	-.04	-.09	-.10	-.15
20:00	11.6	12.0	11.9	11.9	.39	.35	.30	-.05	-.10
21:00	11.5	11.8	11.8	11.8	.31	.29	.30	-.01	-.01
22:00	11.2	11.4	11.3	11.2	.14	.04	.01	-.10	-.13
23:00	10.6	10.7	10.6	10.5	.05	-.10	-.16	-.14	-.21
Avg	10.3	10.2	10.1	10.1	-.04	-.18	-.22	-.14	-.18
Max	12.2	12.1	11.9	11.9	.39	.35	.30	-.01	.00
Hr. of Max	18	18	20	20	20	20	21	21	00
Min	8.6	8.6	8.6	8.6	-.26	-.49	-.57	-.23	-.31
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/20/2015

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	8.1	8.1	8.3	10.0	97.5	97.6	8.3	8.3	0.006879
01:00	8.2	8.2	8.3	10.0	97.6	97.8	8.3	8.4	0.006908
02:00	8.1	8.2	8.3	10.0	97.0	97.6	8.3	8.4	0.006907
03:00	8.1	8.1	8.3	10.0	96.4	97.3	8.3	8.3	0.006863
04:00	8.0	8.1	8.3	10.0	96.4	97.1	8.3	8.3	0.00686
05:00	8.1	8.2	8.4	10.0	96.2	97.0	8.3	8.4	0.006898
06:00	8.2	8.3	8.4	10.0	96.3	97.0	8.4	8.4	0.006926
07:00	8.3	8.4	8.5	10.0	96.5	97.4	8.4	8.5	0.006983
08:00	8.4	8.5	8.6	10.0	96.9	97.9	8.5	8.6	0.007043
09:00	8.6	8.7	8.9	9.9	96.8	98.0	8.6	8.7	0.007141
10:00	9.0	9.1	9.2	10.0	96.7	97.9	8.8	8.9	0.007325
11:00	9.3	9.3	9.6	10.0	96.0	97.2	9.0	9.0	0.007476
12:00	9.6	9.6	9.9	10.1	95.0	96.2	9.1	9.1	0.007614
13:00	9.9	9.9	10.3	10.2	94.3	95.3	9.3	9.3	0.007805
14:00	10.3	10.2	10.7	10.3	94.2	95.0	9.6	9.5	0.008002
15:00	10.5	10.3	11.0	10.5	91.8	92.3	9.6	9.5	0.008091
16:00	10.4	10.4	11.0	10.7	90.2	91.0	9.6	9.6	0.008072
17:00	10.4	10.4	11.0	10.9	90.9	91.4	9.6	9.6	0.008075
18:00	10.6	10.5	11.1	11.0	90.9	91.5	9.7	9.7	0.00815
19:00	10.6	10.5	11.1	11.0	92.5	91.4	9.7	9.7	0.008173
20:00	10.0	9.5	10.5	11.1	91.2	86.2	9.4	9.1	0.007829
21:00	9.2	8.9	10.0	11.1	87.4	83.6	8.9	8.7	0.007448
22:00	8.5	8.4	9.4	11.1	84.4	82.9	8.5	8.4	0.007072
23:00	7.8	7.8	8.8	11.0	83.7	83.0	8.1	8.1	0.006756
Avg	9.1	9.1	9.5	10.4	93.6	93.7	8.9	8.9	0.007387
Max	10.6	10.5	11.1	11.1	97.6	98.0	9.7	9.7	0.008173
Hr. of Max	19	19	19	22	01	09	19	19	19
Min	7.8	7.8	8.3	9.9	83.7	82.9	8.1	8.1	0.006756
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/20/2015

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	0.006871	10.8	10.8	.01	29.18	988.2	-2.3	.00	218.7
01:00	0.006919	10.9	10.9	.00	29.18	988.1	-1.9	.00	232.8
02:00	0.006937	10.8	10.9	.00	29.17	987.9	-1.7	.00	238.6
03:00	0.006907	10.8	10.8	.00	29.17	987.8	-2.1	.00	236.7
04:00	0.006902	10.8	10.8	.00	29.16	987.6	-1.8	.00	239.4
05:00	0.006953	10.8	10.9	.00	29.17	987.8	-2.1	.00	240.4
06:00	0.006971	10.9	10.9	.01	29.17	987.8	-2.2	.00	229.6
07:00	0.00704	11.0	11.1	.00	29.17	988.0	-1.6	.00	231.9
08:00	0.007092	11.1	11.1	.00	29.18	988.3	8.8	.01	230.7
09:00	0.007186	11.2	11.3	.00	29.19	988.6	27.2	.04	231.2
10:00	0.007361	11.5	11.6	.00	29.20	988.9	49.0	.07	232.5
11:00	0.007491	11.7	11.8	.01	29.21	989.1	89.9	.13	241.4
12:00	0.007613	12.0	12.0	.00	29.21	989.2	94.9	.14	234.1
13:00	0.007774	12.3	12.2	.00	29.20	988.8	136.5	.20	221.1
14:00	0.007951	12.6	12.5	.00	29.20	988.7	137.6	.20	217.1
15:00	0.008001	12.7	12.5	.00	29.18	988.1	169.9	.24	224.6
16:00	0.008069	12.7	12.7	.00	29.17	987.9	60.8	.09	245.9
17:00	0.00805	12.7	12.6	.00	29.17	987.9	56.9	.08	236.8
18:00	0.008138	12.8	12.8	.00	29.18	988.1	43.1	.06	218.0
19:00	0.008101	12.8	12.7	.00	29.19	988.4	8.3	.01	237.1
20:00	0.007598	12.3	11.9	.00	29.20	988.7	-1.5	.00	251.8
21:00	0.007275	11.7	11.4	.00	29.21	989.2	-1.9	.00	256.7
22:00	0.007011	11.1	11.0	.00	29.22	989.6	-2.4	.00	282.8
23:00	0.006716	10.6	10.6	.00	29.23	989.8	-1.8	.00	265.8
Avg	0.007372	11.6	11.6	.00	29.19	988.4	35.8	.05	237.0
Max	0.008138	12.8	12.8	.01	29.23	989.8	169.9	.24	282.8
Hr. of Max	18	19	18	11	23	23	15	15	22
Min	0.006716	10.6	10.6	.00	29.16	987.6	-2.4	.00	217.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/20/2015

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	224.3	235.7	221.3	237.0	14.6	9.4	9.5	.8	1.9
01:00	246.6	252.3	236.8	253.5	19.9	11.7	9.4	1.7	3.2
02:00	244.7	245.7	242.5	247.0	15.7	12.5	10.3	2.5	4.1
03:00	246.1	248.6	242.6	250.0	23.4	18.4	13.2	2.0	3.3
04:00	245.3	247.2	243.7	248.3	21.3	16.1	12.9	2.2	3.7
05:00	247.1	248.4	244.5	249.9	20.8	13.8	10.9	3.3	5.5
06:00	235.8	235.8	235.2	237.4	22.6	15.3	10.7	2.3	4.1
07:00	237.0	236.5	237.3	238.2	18.9	13.0	8.9	3.4	5.5
08:00	237.5	237.9	235.2	239.5	20.2	15.7	11.8	3.2	4.7
09:00	235.2	233.9	235.1	235.6	20.6	15.8	11.9	3.1	4.6
10:00	236.5	236.6	237.5	238.4	18.3	12.6	11.0	3.5	5.0
11:00	244.5	243.7	245.7	245.2	23.3	17.4	13.2	2.8	4.0
12:00	239.9	239.7	239.3	241.4	23.3	17.5	13.9	3.1	4.2
13:00	230.1	230.1	226.1	231.6	20.3	15.5	12.9	3.3	4.1
14:00	225.7	228.6	221.9	230.5	19.9	15.6	11.9	3.8	5.1
15:00	230.8	229.4	230.3	231.1	21.8	16.9	13.1	3.9	5.0
16:00	248.0	248.6	247.7	249.5	25.5	21.4	17.5	1.8	2.5
17:00	243.5	245.3	242.2	246.5	24.6	21.4	16.2	1.8	2.6
18:00	230.2	236.6	222.4	238.3	19.4	14.9	12.5	1.7	2.4
19:00	249.2	256.1	240.9	256.9	15.0	11.7	10.6	1.8	2.7
20:00	267.2	278.2	255.8	278.2	17.1	15.0	12.5	2.3	3.5
21:00	276.0	283.1	260.4	282.1	23.5	19.8	15.2	3.3	5.0
22:00	289.3	294.1	284.8	292.1	24.2	18.1	14.2	3.1	5.1
23:00	279.6	285.0	268.0	284.1	24.6	20.3	15.9	3.1	4.6
Avg	245.0	247.0	241.0	249.0	20.8	15.8	12.5	.0	.0
Max	289.3	294.1	284.8	292.1	25.5	21.4	17.5	3.9	5.5
Hr. of Max	22	22	22	22	16	17	16	15	07
Min	224.3	228.6	221.3	230.5	14.6	9.4	8.9	.8	1.9
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)

3/20/2015

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	2.9	.9	1.9	2.9	1.4	3.3	.4	.4	.00
01:00	4.2	1.8	3.2	4.3	2.2	4.7	.7	-.5	-.02
02:00	5.3	2.6	4.2	5.4	3.2	5.9	.1	.7	-.07
03:00	4.9	2.2	3.4	5.0	2.8	5.5	2.1	.5	.02
04:00	5.2	2.4	3.8	5.4	2.9	5.9	.7	1.1	-.02
05:00	7.3	3.6	5.7	7.4	4.1	8.0	.8	1.0	-.08
06:00	5.7	2.5	4.3	5.8	3.0	6.4	.8	.8	-.04
07:00	7.1	3.6	5.6	7.2	4.2	7.8	.1	.5	-.09
08:00	6.0	3.3	4.9	6.2	3.9	6.8	.2	1.0	-.09
09:00	5.8	3.2	4.7	5.9	3.7	6.5	2.4	1.0	.04
10:00	6.0	3.7	5.1	6.1	4.1	6.7	.0	.5	-.11
11:00	5.1	3.1	4.2	5.3	3.6	5.7	-.4	1.1	-.12
12:00	5.2	3.3	4.4	5.4	4.0	5.9	.4	2.0	-.11
13:00	4.7	3.5	4.2	4.8	4.1	5.4	.4	3.0	-.05
14:00	5.9	4.1	5.3	6.1	4.7	6.6	1.9	1.5	.01
15:00	5.7	4.1	5.2	5.8	4.7	6.4	1.3	.0	-.01
16:00	3.1	2.2	3.0	3.6	2.6	4.0	.4	2.4	-.07
17:00	3.0	2.0	2.7	3.2	2.5	3.6	-.2	-1.9	-.05
18:00	2.8	1.8	2.5	2.9	2.3	3.3	2.6	1.5	.06
19:00	3.4	2.0	2.9	3.7	2.4	4.0	.2	.2	-.04
20:00	4.5	2.4	3.6	4.7	2.9	4.9	-1.5	-.1	-.12
21:00	6.9	3.7	5.5	7.2	4.1	7.4	-1.6	-.8	-.24
22:00	7.1	3.3	5.4	7.3	3.7	7.2	-.1	-.7	-.16
23:00	6.1	3.3	4.8	6.3	3.7	6.5	-.7	-.7	-.20
Avg	.0	2.9	4.2	5.3	3.4	5.8	.5	.6	-.07
Max	7.3	4.1	5.7	7.4	4.7	8.0	2.6	3.0	.06
Hr. of Max	05	15	05	05	15	05	18	13	18
Min	2.8	.9	1.9	2.9	1.4	3.3	-1.6	-1.9	-.24
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/20/2015

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	.01	2.3	3.4	5.5	2.9	6.5	6.3	6.3
01:00	-.08	6.0	7.1	8.5	6.9	8.5	12.6	7.0
02:00	.02	6.9	8.2	8.9	8.0	10.7	12.4	7.2
03:00	.02	6.6	8.5	9.6	7.2	10.9	17.2	8.6
04:00	.08	6.2	6.9	9.8	7.2	11.4	13.8	7.5
05:00	.06	10.1	11.4	14.2	9.5	14.9	14.3	7.7
06:00	.06	6.2	8.9	13.5	6.9	11.2	14.9	6.8
07:00	.02	9.2	11.0	15.8	10.4	13.0	13.6	7.1
08:00	.04	8.2	12.1	14.0	10.8	12.2	16.2	8.8
09:00	.03	7.3	10.1	11.4	9.0	11.8	15.9	9.2
10:00	-.01	11.4	11.0	12.4	10.0	13.1	13.4	8.6
11:00	.07	7.1	10.3	16.9	7.8	10.2	15.5	9.8
12:00	.08	8.7	8.7	9.8	8.8	10.6	16.1	11.9
13:00	.14	8.5	10.3	9.4	9.6	10.5	15.2	13.5
14:00	.08	9.4	10.5	10.8	10.4	11.5	14.8	8.5
15:00	-.05	10.3	11.7	14.9	8.9	10.3	15.1	11.2
16:00	.08	9.6	12.6	15.1	7.4	8.2	16.9	12.9
17:00	-.14	5.3	6.4	10.3	5.1	6.8	14.3	9.2
18:00	.07	6.4	6.0	5.0	5.1	5.7	14.8	8.9
19:00	-.01	4.8	6.0	7.6	5.7	8.4	9.6	6.8
20:00	-.09	5.3	7.8	8.7	6.2	9.1	11.9	9.5
21:00	-.29	11.0	14.0	14.4	11.9	16.3	15.5	11.2
22:00	-.26	11.7	17.9	26.8	9.3	14.2	17.8	11.5
23:00	-.22	9.8	11.9	11.7	12.2	12.5	18.6	12.6
Avg	-.01	7.8	9.7	11.9	8.2	10.8	14.4	9.3
Max	.14	11.7	17.9	26.8	12.2	16.3	18.6	13.5
Hr. of Max	13	22	22	22	23	21	23	13
Min	-.29	2.3	3.4	5.0	2.9	5.7	6.3	6.3
Count	24	24	24	24	24	24	24	24
Total								