Date Printed: 06/13/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/12/2015

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	20.9	22.2	23.5	24.2	1.27	2.59	3.26	1.32	1.99
01:00	20.4	21.4	22.4	23.1	1.07	2.02	2.72	.95	1.66
02:00	19.9	21.2	21.8	22.5	1.28	1.84	2.59	.57	1.32
03:00	19.8	21.3	21.8	22.2	1.48	2.04	2.41	.57	.93
04:00	19.7	21.0	21.7	22.1	1.28	1.94	2.34	.66	1.06
05:00	20.0	21.1	21.6	21.8	1.08	1.58	1.82	.49	.74
06:00	20.1	20.9	21.3	21.6	.81	1.23	1.51	.41	.70
07:00	21.0	21.1	21.2	21.3	.03	.13	.33	.10	.29
08:00	22.6	22.3	22.2	22.1	-.25	-.43	-.45	-.18	-.20
09:00	24.5	24.2	23.9	23.8	-.32	-.60	-.70	-.28	-.38
10:00	25.5	25.1	24.8	24.7	-.41	-.71	-.82	-.30	-.40
11:00	26.9	26.3	26.0	25.8	-.60	-.94	-1.06	-.34	-.46
12:00	27.9	27.2	26.9	26.8	-.71	-1.05	-1.18	-.34	-.47
13:00	28.5	27.8	27.5	27.4	-.75	-1.08	-1.18	-.34	-.43
14:00	28.9	28.3	27.9	27.8	-.62	-.96	-1.08	-.34	-.46
15:00	26.5	26.1	25.9	25.9	-.40	-.60	-.60	-.20	-.20
16:00	25.6	25.0	24.9	25.0	-.53	-.65	-.55	-.12	-.03
17:00	26.0	25.7	25.5	25.5	-.36	-.53	-.57	-.17	-.21
18:00	26.7	26.4	26.2	26.1	-.30	-.53	-.60	-.23	-.30
19:00	25.9	26.3	26.3	26.4	.47	.43	.47	-.04	.01
20:00	23.6	24.5	25.3	25.8	.93	1.77	2.19	.84	1.26
21:00	22.6	24.0	24.9	25.2	1.43	2.27	2.59	.83	1.15
22:00	21.8	23.2	23.9	24.5	1.36	2.04	2.66	.68	1.30
23:00	21.3	22.2	22.8	23.4	.89	1.50	2.03	.61	1.14
Avg	23.6	24.0	24.2	24.4	.34	.55	.76	.21	.42
Max	28.9	28.3	27.9	27.8	1.48	2.59	3.26	1.32	1.99
Hr. of Max	14	14	14	14	03	00	00	00	00
Min	19.7	20.9	21.2	21.3	-.75	-1.08	-1.18	-.34	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/12/2015

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	19.0	19.4	19.6	26.4	90.8	86.1	16.2	16.5	0.014224
01:00	18.7	19.4	19.3	26.1	92.2	90.1	16.0	16.6	0.013971
02:00	18.4	19.6	18.9	25.9	93.1	92.8	15.7	16.8	0.013709
03:00	18.4	19.4	18.9	25.6	93.7	91.5	15.7	16.7	0.013691
04:00	18.4	19.3	18.8	25.4	94.0	92.2	15.7	16.6	0.013679
05:00	18.6	19.1	19.1	25.1	93.9	90.8	15.9	16.4	0.013866
06:00	18.7	19.2	19.2	24.9	93.6	91.9	16.0	16.4	0.013933
07:00	19.2	19.2	19.8	24.8	91.6	91.1	16.5	16.4	0.014403
08:00	19.6	19.4	20.6	24.6	85.4	85.7	16.8	16.6	0.014762
09:00	20.0	19.7	21.5	24.5	78.0	78.1	17.1	16.8	0.015126
10:00	20.1	19.7	21.9	24.5	73.8	73.7	17.1	16.7	0.015235
11:00	20.0	19.5	22.3	24.7	67.8	68.2	17.0	16.5	0.01516
12:00	19.8	19.3	22.5	25.1	63.2	63.6	16.8	16.3	0.015041
13:00	19.8	19.3	22.7	25.6	61.1	61.7	16.7	16.3	0.015051
14:00	19.9	19.5	22.9	26.1	60.0	60.5	16.8	16.4	0.015119
15:00	19.1	18.9	21.6	26.4	65.9	66.5	16.1	15.9	0.014349
16:00	21.9	21.2	23.1	26.6	82.6	81.4	19.1	18.3	0.017098
17:00	20.6	20.0	22.4	26.6	74.3	73.0	17.7	17.1	0.015832
18:00	20.8	20.3	22.7	26.8	71.8	70.9	17.8	17.3	0.015946
19:00	21.0	20.1	22.6	26.8	77.0	70.6	18.1	17.2	0.016198
20:00	21.3	20.5	22.0	26.8	89.5	80.9	18.5	17.7	0.016428
21:00	20.8	20.6	21.4	26.6	92.2	83.5	18.1	17.8	0.015968
22:00	20.4	20.5	20.9	26.4	93.9	87.2	17.7	17.7	0.01553
23:00	20.0	20.6	20.5	26.2	94.6	92.9	17.3	17.9	0.01514
Avg	19.8	19.7	21.1	25.8	82.3	80.2	16.9	16.9	0.014977
Max	21.9	21.2	23.1	26.8	94.6	92.9	19.1	18.3	0.017098
Hr. of Max	16	16	16	20	23	23	16	16	16
Min	18.4	18.9	18.8	24.5	60.0	60.5	15.7	15.9	0.013679
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/12/2015

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	0.014574	22.0	22.6	.00	29.09	985.0	-1.6	.00	257.3
01:00	0.014573	21.6	22.6	.00	29.09	985.1	-2.2	.00	266.4
02:00	0.014781	21.2	22.9	.00	29.09	985.0	-3.0	.00	260.2
03:00	0.014652	21.2	22.7	.00	29.08	984.8	-1.4	.00	256.9
04:00	0.014529	21.2	22.5	.00	29.09	985.2	-3.0	.00	227.8
05:00	0.014343	21.5	22.2	.00	29.11	985.9	-3.5	.00	219.2
06:00	0.014382	21.6	22.3	.00	29.13	986.6	9.7	.01	223.7
07:00	0.014354	22.3	22.3	.00	29.15	987.1	77.1	.11	245.4
08:00	0.014606	22.9	22.7	.00	29.16	987.7	233.6	.33	241.0
09:00	0.014854	23.5	23.0	.00	29.17	987.9	346.9	.50	217.6
10:00	0.01484	23.6	23.0	.00	29.17	987.8	485.9	.70	211.0
11:00	0.014723	23.5	22.8	.00	29.17	987.7	679.2	.97	219.4
12:00	0.014535	23.3	22.5	.00	29.16	987.5	778.5	1.12	211.8
13:00	0.014573	23.3	22.6	.00	29.15	987.1	796.9	1.14	213.7
14:00	0.01472	23.4	22.8	.00	29.13	986.5	676.6	.97	204.2
15:00	0.014148	22.2	21.9	.12	29.13	986.4	312.8	.45	282.7
16:00	0.016333	26.4	25.2	.00	29.12	986.2	516.7	.74	265.5
17:00	0.015226	24.5	23.6	.00	29.12	986.1	318.4	.46	257.1
18:00	0.015461	24.6	23.9	.00	29.11	985.9	283.5	.41	232.6
19:00	0.015328	25.0	23.7	.00	29.12	986.1	158.2	.23	259.5
20:00	0.015688	25.4	24.3	.00	29.14	987.0	6.5	.01	262.3
21:00	0.015769	24.7	24.4	.00	29.15	987.3	-1.4	.00	249.2
22:00	0.015649	24.1	24.2	.00	29.17	987.8	-3.0	.00	268.2
23:00	0.015708	23.5	24.3	.00	29.18	988.3	-1.9	.00	270.5
Avg	0.014931	23.2	23.1	.01	29.13	986.6	235.8	.34	242.0
Max	0.016333	26.4	25.2	.12	29.18	988.3	796.9	1.14	282.7
Hr. of Max	16	16	16	15	23	23	13	13	15
Min	0.014148	21.2	21.9	.00	29.08	984.8	-3.5	.00	204.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/12/2015

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	239.2	232.8	258.9	234.5	13.3	24.3	8.6	1.5	2.0
01:00	239.7	209.0	267.7	211.3	15.3	8.7	6.8	1.1	2.1
02:00	226.6	194.2	262.8	195.8	15.0	14.8	7.4	1.3	2.5
03:00	255.2	234.3	258.3	235.6	19.6	13.7	10.8	1.3	2.7
04:00	251.6	248.2	231.5	249.6	14.8	9.4	6.6	1.7	2.9
05:00	253.5	260.6	222.8	262.1	13.3	11.3	7.2	1.6	2.3
06:00	230.9	246.7	227.3	248.3	12.7	9.2	6.0	2.0	3.1
07:00	222.8	216.0	248.5	218.5	14.4	11.4	6.8	1.7	2.6
08:00	247.0	243.5	245.0	245.3	25.2	14.6	11.0	2.7	4.8
09:00	224.8	224.7	222.5	226.7	27.3	18.0	14.4	4.0	5.8
10:00	216.8	218.1	216.5	219.8	29.6	21.8	16.6	4.5	5.9
11:00	224.2	221.3	224.7	222.9	27.8	21.7	17.8	5.0	6.9
12:00	217.8	218.5	217.1	220.5	26.3	20.2	18.0	5.1	7.0
13:00	218.9	216.5	219.2	218.8	26.7	22.4	17.1	5.6	7.3
14:00	209.6	208.5	210.8	209.9	31.3	26.4	20.6	5.1	6.9
15:00	286.6	282.1	284.7	280.1	29.5	26.0	23.3	3.9	5.7
16:00	274.1	276.4	267.7	276.3	38.6	33.0	33.8	2.2	3.3
17:00	260.9	259.5	256.4	260.7	30.2	22.3	16.3	2.3	3.7
18:00	237.6	239.3	234.5	240.6	29.1	21.7	16.5	1.7	2.6
19:00	257.0	256.0	263.5	256.9	19.3	13.8	10.6	2.0	3.6
20:00	277.3	284.2	263.0	283.6	16.3	22.4	9.1	1.0	2.3
21:00	253.3	276.2	251.9	276.9	21.1	13.1	11.3	1.4	3.0
22:00	224.6	217.2	270.6	218.6	13.4	15.7	15.9	1.5	2.2
23:00	228.4	226.2	268.6	227.2	55.0	37.2	15.8	.6	.6
Avg	240.0	237.0	245.0	238.0	23.5	18.9	13.7	.0	.0
Max	286.6	284.2	284.7	283.6	55.0	37.2	33.8	5.6	7.3
Hr. of Max	15	20	15	20	23	23	16	13	13
Min	209.6	194.2	210.8	195.8	12.7	8.7	6.0	.6	.6
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)

6/12/2015

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	4.2	1.6	2.1	4.3	1.9	4.6	.7	2.3	.02
01:00	3.4	1.2	2.2	3.4	1.5	3.7	1.8	1.3	.04
02:00	4.9	1.4	2.6	5.0	1.7	5.3	1.4	2.4	.04
03:00	4.1	1.4	3.0	4.6	1.8	4.9	.5	1.0	-.02
04:00	5.0	1.8	3.0	5.1	2.2	5.4	.2	1.1	.00
05:00	4.3	1.6	2.3	4.4	2.0	4.6	1.4	1.7	.05
06:00	4.6	2.1	3.2	4.7	2.5	5.0	-.8	1.4	-.04
07:00	3.9	1.8	2.7	3.9	2.1	4.2	-1.7	.0	-.08
08:00	6.6	3.0	5.0	6.8	3.6	7.3	.4	.2	-.07
09:00	7.3	4.3	6.0	7.5	4.7	8.2	1.6	1.2	-.04
10:00	7.1	4.9	6.3	7.3	5.6	8.0	.9	2.2	-.16
11:00	8.1	5.7	7.4	8.5	6.5	9.2	-1.7	.0	-.33
12:00	8.2	5.9	7.5	8.7	6.6	9.3	-.3	-.4	-.19
13:00	8.5	6.2	7.8	9.0	6.8	9.7	1.1	.4	-.18
14:00	8.7	5.8	7.6	9.2	6.6	9.8	1.5	1.1	-.04
15:00	7.7	6.2	8.5	10.8	6.7	11.1	-1.8	-2.2	-.43
16:00	4.6	2.6	3.7	5.0	3.0	5.2	2.5	1.3	-.02
17:00	4.9	2.6	4.0	5.1	3.1	5.5	4.4	1.3	.04
18:00	3.4	1.9	2.8	3.5	2.4	3.9	.1	-2.1	-.07
19:00	4.6	2.3	3.8	4.8	2.6	5.1	-2.5	.0	-.16
20:00	4.9	1.1	2.5	4.9	1.4	4.9	-1.9	2.5	-.05
21:00	4.5	1.5	3.2	4.5	1.9	4.6	-.9	2.7	-.05
22:00	2.8	1.7	2.5	3.2	2.0	3.4	.3	2.0	-.01
23:00	1.7	.7	1.3	1.8	1.1	2.1	1.2	.4	.01
Avg	.0	2.9	4.2	5.7	3.3	6.0	.4	.9	-.07
Max	8.7	6.2	8.5	10.8	6.8	11.1	4.4	2.7	.05
Hr. of Max	14	15	15	15	13	15	17	21	05
Min	1.7	.7	1.3	1.8	1.1	2.1	-2.5	-2.2	-.43
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/12/2015

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	.17	3.7	4.1	8.9	4.1	7.2	6.2	4.6
01:00	.09	5.7	6.4	8.0	4.3	5.7	7.1	2.5
02:00	.21	3.0	5.7	9.6	3.6	10.0	7.7	5.4
03:00	.10	5.0	8.7	15.8	3.9	9.7	9.3	4.4
04:00	.09	3.7	6.0	7.8	4.1	8.5	4.6	3.5
05:00	.13	4.1	7.6	11.7	4.3	7.8	5.4	4.8
06:00	.11	3.9	5.0	9.2	3.5	8.1	4.6	3.7
07:00	.00	6.2	6.9	9.6	4.2	5.8	8.1	2.8
08:00	-.02	10.1	12.6	14.2	11.1	15.3	16.2	7.7
09:00	.03	11.9	13.3	23.8	13.3	17.1	19.2	11.7
10:00	.10	14.0	14.4	14.7	13.4	16.5	18.7	14.4
11:00	-.12	14.7	15.8	18.1	15.4	18.6	16.4	13.0
12:00	-.14	15.1	17.4	21.8	14.4	16.4	17.6	13.8
13:00	-.03	16.5	18.1	28.4	17.6	19.4	18.6	13.2
14:00	-.03	27.2	22.9	17.4	16.6	18.6	19.4	14.2
15:00	-.65	16.0	18.8	22.2	15.2	23.0	17.6	10.7
16:00	-.03	7.8	13.1	22.4	9.2	14.5	23.9	17.0
17:00	.00	8.5	10.8	12.4	8.8	12.4	23.2	12.9
18:00	-.23	5.7	6.4	7.1	6.8	7.9	21.0	13.8
19:00	-.02	10.8	7.8	10.3	6.0	8.5	12.3	6.1
20:00	.22	3.9	7.3	10.1	2.5	10.2	9.8	6.2
21:00	.18	3.4	7.3	13.7	3.6	11.6	10.1	7.4
22:00	.13	4.8	6.6	7.6	3.9	5.9	6.7	5.6
23:00	.04	2.5	5.3	6.6	2.6	5.0	7.8	7.9
Avg	.01	8.7	10.3	13.8	8.0	11.8	13.0	8.6
Max	.22	27.2	22.9	28.4	17.6	23.0	23.9	17.0
Hr. of Max	20	14	14	13	13	15	16	16
Min	-.65	2.5	4.1	6.6	2.5	5.0	4.6	2.5
Count	24	24	24	24	24	24	24	24
Total								