Date Printed: 11/07/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

11/6/2014

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	11.2	11.3	11.5	11.9	.12	.31	.66	.20	.54
01:00	12.2	12.5	12.6	12.8	.27	.39	.60	.12	.33
02:00	13.0	13.1	13.1	13.2	.10	.04	.16	-.06	.06
03:00	13.4	13.5	13.4	13.5	.08	.00	.08	-.08	.00
04:00	13.8	13.9	13.8	13.8	.08	-.01	.03	-.09	-.06
05:00	13.8	13.9	13.8	13.9	.10	.01	.09	-.09	-.01
06:00	13.8	13.9	13.8	13.9	.08	-.03	.03	-.11	-.05
07:00	13.7	13.8	13.7	13.8	.14	.07	.12	-.08	-.02
08:00	14.2	14.1	14.0	14.1	-.05	-.14	-.08	-.09	-.03
09:00	15.7	15.4	15.2	15.1	-.31	-.49	-.54	-.19	-.24
10:00	16.7	16.2	15.9	15.8	-.53	-.77	-.86	-.24	-.33
11:00	17.8	17.1	16.8	16.7	-.66	-.97	-1.10	-.31	-.43
12:00	18.6	17.9	17.6	17.5	-.65	-.93	-1.09	-.28	-.44
13:00	19.1	18.5	18.2	18.0	-.63	-.92	-1.09	-.29	-.46
14:00	18.5	17.8	17.5	17.3	-.63	-.93	-1.16	-.30	-.53
15:00	16.0	15.8	15.5	15.4	-.27	-.50	-.62	-.23	-.36
16:00	13.8	13.7	13.4	13.3	-.14	-.35	-.45	-.21	-.32
17:00	11.5	11.5	11.3	11.3	.00	-.18	-.26	-.18	-.25
18:00	10.8	10.8	10.6	10.5	.01	-.15	-.23	-.17	-.24
19:00	10.0	10.1	9.9	9.9	.07	-.10	-.17	-.17	-.23
20:00	9.5	9.5	9.4	9.3	.03	-.14	-.20	-.16	-.23
21:00	9.2	9.1	9.0	8.9	-.01	-.18	-.26	-.18	-.25
22:00	8.6	8.6	8.4	8.3	-.04	-.22	-.31	-.19	-.28
23:00	7.7	7.7	7.5	7.4	-.09	-.29	-.39	-.19	-.30
Avg	13.4	13.3	13.2	13.2	-.12	-.27	-.29	-.15	-.17
Max	19.1	18.5	18.2	18.0	.27	.39	.66	.20	.54
Hr. of Max	13	13	13	13	01	01	00	00	00
Min	7.7	7.7	7.5	7.4	-.66	-.97	-1.16	-.31	-.53
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/6/2014

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	10.3	10.4	10.6	12.5	95.6	95.6	9.6	9.7	0.008015
01:00	11.4	11.6	11.6	12.5	95.7	95.8	10.2	10.4	0.008602
02:00	12.0	12.2	12.4	12.5	95.2	95.8	10.7	10.8	0.009009
03:00	12.4	12.6	12.7	12.5	95.1	95.7	10.9	11.0	0.009234
04:00	12.7	12.9	13.1	12.6	94.9	95.5	11.1	11.3	0.009447
05:00	12.8	13.0	13.1	12.6	95.0	95.6	11.2	11.3	0.009461
06:00	12.9	13.1	13.2	12.7	95.3	96.0	11.2	11.4	0.009528
07:00	12.6	12.9	13.0	12.8	94.8	95.5	11.1	11.2	0.00937
08:00	12.7	12.5	13.2	12.8	92.4	91.6	11.1	11.0	0.009429
09:00	11.3	10.6	12.8	12.9	76.6	74.5	10.1	9.7	0.00861
10:00	9.2	8.6	11.7	13.0	62.1	61.7	8.7	8.4	0.007465
11:00	8.0	7.3	11.2	13.2	53.5	53.4	8.0	7.7	0.00689
12:00	7.1	6.6	10.9	13.4	47.9	48.5	7.6	7.4	0.006502
13:00	5.1	4.6	9.8	13.6	40.5	40.7	6.6	6.4	0.005697
14:00	2.0	1.6	7.5	13.9	34.1	34.2	5.4	5.2	0.004605
15:00	1.1	.8	6.1	14.1	37.1	36.9	5.0	4.9	0.004287
16:00	-.1	-.4	4.5	14.2	39.1	38.8	4.6	4.5	0.003892
17:00	-.2	-.5	3.7	14.1	44.9	44.1	4.6	4.5	0.003849
18:00	-1.3	-1.6	2.7	13.9	43.7	42.7	4.3	4.2	0.003556
19:00	-.1	-.3	3.3	13.7	50.1	49.1	4.7	4.6	0.003882
20:00	1.0	.9	3.8	13.5	56.0	55.3	5.1	5.0	0.004185
21:00	1.3	1.2	3.9	13.2	58.5	57.9	5.2	5.1	0.004276
22:00	1.5	1.4	3.9	13.0	61.3	61.0	5.2	5.2	0.004324
23:00	1.8	1.7	3.8	12.9	66.6	66.6	5.4	5.4	0.00442
Avg	6.6	6.4	8.9	13.2	67.8	67.6	7.8	7.8	0.006606
Max	12.9	13.1	13.2	14.2	95.7	96.0	11.2	11.4	0.009528
Hr. of Max	06	06	08	16	01	06	06	06	06
Min	-1.3	-1.6	2.7	12.5	34.1	34.2	4.3	4.2	0.003556
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/6/2014

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	0.008079	12.6	12.7	.03	29.18	988.0	-1.6	.00	221.0
01:00	0.008761	13.5	13.7	.06	29.17	987.7	-1.9	.00	227.5
02:00	0.009119	14.1	14.3	.04	29.15	987.1	-2.3	.00	226.7
03:00	0.009347	14.4	14.6	.01	29.13	986.3	-2.0	.00	228.6
04:00	0.009561	14.8	14.9	.01	29.12	986.2	-2.3	.00	238.3
05:00	0.009587	14.8	15.0	.00	29.12	986.3	-2.2	.00	227.1
06:00	0.009653	14.9	15.1	.00	29.11	986.0	-1.6	.00	224.5
07:00	0.009527	14.6	14.9	.00	29.12	986.2	22.2	.03	226.7
08:00	0.009321	14.7	14.6	.00	29.12	986.1	228.7	.33	215.1
09:00	0.008219	13.5	12.9	.00	29.11	985.7	369.9	.53	228.3
10:00	0.00716	11.7	11.2	.00	29.09	985.3	562.4	.81	225.8
11:00	0.006592	10.8	10.3	.00	29.06	984.1	614.6	.88	226.9
12:00	0.006315	10.2	9.9	.00	29.02	982.7	588.1	.84	224.6
13:00	0.005505	8.9	8.6	.00	29.00	982.0	567.9	.81	249.5
14:00	0.004441	7.2	7.0	.00	29.01	982.4	561.2	.80	263.6
15:00	0.004186	6.7	6.6	.00	29.05	983.6	210.5	.30	273.2
16:00	0.003823	6.1	6.0	.00	29.09	985.0	121.4	.17	275.8
17:00	0.00378	6.1	6.0	.00	29.13	986.5	7.6	.01	276.6
18:00	0.003479	5.6	5.5	.00	29.15	987.2	-2.5	.00	266.9
19:00	0.00382	6.1	6.0	.00	29.16	987.7	-2.5	.00	263.9
20:00	0.004147	6.6	6.5	.00	29.17	987.8	-1.6	.00	254.9
21:00	0.004234	6.7	6.7	.00	29.18	988.0	-3.5	.00	267.8
22:00	0.00429	6.8	6.8	.00	29.19	988.7	-3.1	.00	272.0
23:00	0.004391	7.0	6.9	.00	29.21	989.2	-2.1	.00	267.7
Avg	0.006556	10.4	10.3	.01	29.12	986.1	159.4	.23	244.0
Max	0.009653	14.9	15.1	.06	29.21	989.2	614.6	.88	276.6
Hr. of Max	06	06	06	01	23	23	11	11	17
Min	0.003479	5.6	5.5	.00	29.00	982.0	-3.5	.00	215.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/6/2014

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	234.3	250.7	226.7	251.7	19.4	12.0	11.3	1.7	3.3
01:00	245.9	254.9	233.4	256.0	22.4	16.6	14.2	3.4	5.8
02:00	229.5	224.6	231.9	226.3	17.6	9.7	7.3	4.0	6.9
03:00	232.7	227.7	234.1	229.3	17.2	10.1	6.5	3.8	6.6
04:00	243.6	241.0	243.5	242.1	20.7	13.4	9.6	3.9	6.5
05:00	237.5	238.7	232.2	239.9	17.7	9.7	6.7	3.1	5.5
06:00	235.2	234.6	230.6	235.9	16.1	10.1	6.7	3.6	6.0
07:00	237.5	238.5	231.8	239.5	17.9	11.1	8.3	3.8	6.3
08:00	229.3	235.6	219.8	236.7	20.3	15.2	12.4	3.7	5.8
09:00	240.9	240.8	234.1	241.1	23.4	19.0	16.3	5.3	7.1
10:00	232.1	230.3	231.6	232.9	20.7	17.0	14.3	8.8	11.8
11:00	233.4	230.0	233.1	232.7	22.0	16.9	12.9	9.8	12.9
12:00	230.2	229.3	230.0	232.1	23.1	17.6	14.1	11.2	14.9
13:00	257.3	255.5	255.4	257.5	24.0	18.9	15.5	10.5	14.8
14:00	270.0	268.9	270.1	270.1	24.7	19.6	17.5	12.1	16.0
15:00	283.6	284.4	279.4	284.6	26.6	22.1	18.5	9.5	12.9
16:00	286.4	289.6	282.6	289.1	34.5	29.9	21.6	7.7	10.8
17:00	287.9	292.9	282.3	292.1	36.2	30.2	23.8	6.1	8.5
18:00	281.8	281.4	273.7	281.6	36.1	32.0	26.0	4.4	6.1
19:00	280.1	287.2	269.7	286.6	35.2	28.0	24.2	4.6	6.7
20:00	272.5	278.0	262.1	278.9	25.7	20.3	17.5	4.6	6.3
21:00	282.1	286.9	272.1	286.5	36.3	29.8	24.0	4.6	6.7
22:00	286.2	292.5	277.1	291.8	34.8	28.6	24.1	4.2	6.1
23:00	277.0	281.1	273.6	281.7	26.7	21.1	18.0	5.5	7.7
Avg	255.0	257.0	250.0	258.0	25.0	19.1	15.5	.0	.0
Max	287.9	292.9	282.6	292.1	36.3	32.0	26.0	12.1	16.0
Hr. of Max	17	17	16	17	21	18	18	14	14
Min	229.3	224.6	219.8	226.3	16.1	9.7	6.5	1.7	3.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/6/2014

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	4.4	2.0	3.4	4.6	2.4	5.1	.7	1.7	.02
01:00	8.0	3.6	6.1	8.6	4.2	9.1	1.0	2.2	.00
02:00	9.2	4.1	7.0	9.3	4.8	9.8	-1.3	1.0	-.21
03:00	8.7	4.0	6.7	8.8	4.6	9.4	-.5	.4	-.16
04:00	8.7	4.2	6.7	8.8	4.8	9.5	.0	1.0	-.17
05:00	7.6	3.2	5.6	7.6	3.8	8.2	.2	1.2	-.07
06:00	8.2	3.7	6.1	8.3	4.3	8.9	.3	1.2	-.08
07:00	8.4	4.0	6.5	8.4	4.5	9.0	-.5	1.6	-.13
08:00	7.3	4.0	6.0	7.5	4.7	8.1	2.1	2.9	.07
09:00	8.2	5.8	7.5	8.5	6.6	9.3	.0	2.5	-.19
10:00	13.5	9.4	12.3	13.9	10.2	14.9	-.7	.3	-.45
11:00	15.5	10.4	13.4	15.9	11.2	16.9	.0	.6	-.38
12:00	17.9	12.1	15.6	18.5	13.1	19.8	.3	1.3	-.33
13:00	17.9	11.5	15.8	18.8	12.7	19.8	-.9	.8	-.66
14:00	19.5	13.2	17.0	20.5	13.8	21.2	-2.2	-.1	-1.05
15:00	16.1	10.5	14.0	17.2	11.3	17.8	-4.0	-1.9	-1.18
16:00	14.3	8.8	11.9	15.1	9.5	15.6	-1.2	-.6	-.76
17:00	10.6	7.1	9.4	11.3	7.9	12.0	-4.5	-4.2	-.80
18:00	7.6	5.2	7.0	8.3	5.9	9.1	-2.7	-2.3	-.54
19:00	8.4	5.4	7.4	9.1	6.1	9.7	-3.8	-2.9	-.64
20:00	7.9	5.1	6.7	8.2	5.7	8.7	-3.2	-1.0	-.44
21:00	8.6	5.3	7.4	9.3	6.0	9.9	-2.6	-.8	-.56
22:00	7.9	5.0	6.8	8.5	5.7	9.1	-1.0	-.5	-.30
23:00	9.4	6.0	8.1	9.9	6.6	10.4	-2.2	-1.5	-.49
Avg	.0	6.4	8.9	11.0	7.1	11.7	-1.1	.1	-.40
Max	19.5	13.2	17.0	20.5	13.8	21.2	2.1	2.9	.07
Hr. of Max	14	14	14	14	14	14	08	08	08
Min	4.4	2.0	3.4	4.6	2.4	5.1	-4.5	-4.2	-1.18
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/6/2014

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	.14	4.1	6.4	8.2	4.8	9.4	7.9	5.0
01:00	.22	10.3	16.5	16.5	13.0	17.6	12.9	9.3
02:00	.14	9.4	11.9	19.5	10.8	16.8	12.1	5.3
03:00	.04	9.4	12.6	22.7	10.1	15.1	12.5	5.0
04:00	.13	10.3	13.5	15.6	11.7	16.8	15.2	6.9
05:00	.15	8.0	11.7	15.8	8.4	13.1	12.5	4.8
06:00	.15	9.4	11.7	16.7	9.8	13.4	12.3	5.3
07:00	.22	8.9	12.8	14.4	10.5	15.5	12.0	5.7
08:00	.28	9.6	12.6	14.2	12.2	15.4	14.2	9.7
09:00	.17	15.6	17.9	21.1	16.0	21.7	15.9	13.2
10:00	-.26	20.2	24.7	24.7	21.6	27.2	14.7	11.1
11:00	-.11	23.8	38.9	38.7	25.6	29.6	15.6	10.5
12:00	.09	27.5	32.7	31.1	28.8	33.2	15.1	10.6
13:00	-.21	41.7	38.5	40.5	35.3	42.5	16.5	11.8
14:00	-.55	36.9	42.4	41.0	36.5	42.6	16.6	11.8
15:00	-1.18	28.9	33.7	40.3	30.7	40.9	17.4	13.4
16:00	-.93	30.2	37.3	36.4	31.9	39.0	21.8	16.5
17:00	-1.32	23.4	26.1	28.9	27.3	30.3	19.7	16.2
18:00	-.66	16.0	20.2	19.7	15.8	19.7	21.3	17.4
19:00	-.88	16.3	17.2	19.7	18.5	21.7	18.5	16.1
20:00	-.35	13.3	16.3	20.8	13.6	19.1	16.5	14.0
21:00	-.56	16.5	19.5	21.1	18.0	23.3	21.3	17.5
22:00	-.55	15.1	17.4	20.2	15.9	23.1	20.9	19.4
23:00	-.61	14.9	24.5	26.6	16.1	25.3	18.3	13.6
Avg	-.27	17.5	21.5	23.9	18.5	23.8	15.9	11.3
Max	.28	41.7	42.4	41.0	36.5	42.6	21.8	19.4
Hr. of Max	08	13	14	14	14	14	16	22
Min	-1.32	4.1	6.4	8.2	4.8	9.4	7.9	4.8
Count	24	24	24	24	24	24	24	24
Total								