Date Printed: 12/30/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/29/2014

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	8.2	8.2	8.1	8.1	.01	-.10	-.12	-.11	-.13
01:00	8.0	8.0	7.8	7.8	-.01	-.16	-.21	-.15	-.20
02:00	7.9	7.9	7.8	7.8	.00	-.11	-.18	-.11	-.17
03:00	7.9	7.8	7.7	7.7	-.05	-.18	-.21	-.13	-.17
04:00	7.7	7.6	7.5	7.5	-.02	-.15	-.21	-.13	-.19
05:00	7.4	7.4	7.2	7.2	-.05	-.19	-.23	-.14	-.18
06:00	7.3	7.3	7.1	7.1	.02	-.11	-.19	-.13	-.21
07:00	7.3	7.2	7.1	7.0	-.05	-.20	-.28	-.15	-.23
08:00	7.1	7.1	6.9	6.8	-.07	-.25	-.34	-.18	-.27
09:00	7.0	6.9	6.7	6.6	-.14	-.32	-.40	-.18	-.26
10:00	6.9	6.7	6.5	6.5	-.17	-.35	-.43	-.19	-.26
11:00	6.9	6.7	6.5	6.5	-.20	-.40	-.49	-.20	-.30
12:00	7.2	7.0	6.8	6.7	-.25	-.46	-.56	-.21	-.32
13:00	7.4	7.2	7.0	6.9	-.21	-.41	-.51	-.19	-.30
14:00	7.5	7.4	7.2	7.1	-.15	-.35	-.43	-.20	-.28
15:00	7.4	7.2	7.0	6.9	-.16	-.38	-.48	-.22	-.32
16:00	6.9	6.9	6.7	6.6	-.07	-.24	-.30	-.17	-.23
17:00	6.3	6.2	6.0	5.9	-.08	-.24	-.32	-.17	-.24
18:00	5.6	5.5	5.4	5.3	-.11	-.27	-.36	-.17	-.25
19:00	5.3	5.2	5.0	4.9	-.07	-.26	-.35	-.19	-.28
20:00	4.9	4.8	4.6	4.5	-.12	-.28	-.36	-.16	-.24
21:00	4.7	4.5	4.4	4.3	-.13	-.29	-.38	-.16	-.25
22:00	4.4	4.2	4.1	4.0	-.11	-.29	-.37	-.18	-.26
23:00	4.0	3.9	3.8	3.7	-.09	-.26	-.32	-.17	-.23
Avg	6.7	6.6	6.5	6.4	-.10	-.26	-.33	-.17	-.24
Max	8.2	8.2	8.1	8.1	.02	-.10	-.12	-.11	-.13
Hr. of Max	00	00	00	00	06	00	00	02	00
Min	4.0	3.9	3.8	3.7	-.25	-.46	-.56	-.22	-.32
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/29/2014

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	7.3	7.4	7.6	9.4	95.3	95.7	7.9	7.9	0.006523
01:00	7.0	7.1	7.4	9.4	94.9	95.2	7.8	7.8	0.0064
02:00	7.1	7.1	7.4	9.3	95.3	95.4	7.8	7.8	0.006415
03:00	7.0	7.1	7.3	9.3	95.4	96.0	7.8	7.8	0.006395
04:00	6.8	6.8	7.1	9.2	95.2	95.4	7.6	7.6	0.006295
05:00	6.5	6.5	6.8	9.2	94.8	94.9	7.5	7.5	0.006168
06:00	6.3	6.3	6.6	9.1	94.7	94.1	7.4	7.4	0.006086
07:00	6.3	6.3	6.7	9.1	94.8	94.5	7.4	7.4	0.006097
08:00	6.1	6.0	6.4	9.1	93.9	93.9	7.3	7.2	0.005982
09:00	6.0	5.9	6.3	9.0	93.8	94.2	7.2	7.2	0.005936
10:00	5.8	5.8	6.2	9.0	93.9	94.7	7.2	7.1	0.00587
11:00	5.7	5.7	6.1	9.0	92.8	93.8	7.1	7.1	0.005824
12:00	5.7	5.6	6.2	9.0	91.0	91.9	7.1	7.1	0.005833
13:00	5.7	5.6	6.3	9.1	89.8	90.3	7.1	7.0	0.00584
14:00	5.9	5.9	6.4	9.2	90.3	91.3	7.2	7.2	0.005901
15:00	6.2	6.2	6.6	9.3	93.2	94.1	7.3	7.3	0.006028
16:00	5.6	5.6	6.1	9.3	92.2	92.7	7.1	7.1	0.005792
17:00	5.0	4.9	5.4	9.3	92.4	92.4	6.8	6.7	0.005536
18:00	4.5	4.5	4.9	9.2	93.4	94.0	6.6	6.6	0.005349
19:00	4.2	4.2	4.5	9.1	93.3	93.9	6.4	6.4	0.005212
20:00	3.8	3.7	4.1	9.0	93.3	93.8	6.2	6.2	0.005073
21:00	3.7	3.6	4.0	8.9	93.9	94.5	6.2	6.2	0.005025
22:00	3.3	3.2	3.6	8.8	93.4	93.9	6.0	6.0	0.004889
23:00	2.9	2.9	3.3	8.7	93.5	94.0	5.9	5.9	0.004778
Avg	5.6	5.6	6.0	9.1	93.5	93.9	7.1	7.1	0.005802
Max	7.3	7.4	7.6	9.4	95.4	96.0	7.9	7.9	0.006523
Hr. of Max	00	00	00	01	03	03	00	00	00
Min	2.9	2.9	3.3	8.7	89.8	90.3	5.9	5.9	0.004778
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/29/2014

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	0.006549	10.3	10.3	.03	29.17	988.0	-3.7	-.01	39.7
01:00	0.006417	10.1	10.1	.04	29.18	988.1	-2.2	.00	36.7
02:00	0.006421	10.1	10.1	.01	29.19	988.4	-1.0	.00	55.3
03:00	0.006411	10.1	10.1	.00	29.18	988.1	-3.2	.00	43.8
04:00	0.006301	9.9	9.9	.01	29.16	987.5	-3.6	-.01	45.1
05:00	0.006153	9.7	9.7	.01	29.15	987.3	-2.9	.00	22.9
06:00	0.00606	9.6	9.5	.01	29.16	987.5	-1.7	.00	17.6
07:00	0.006059	9.6	9.5	.00	29.17	987.9	-.3	.00	357.8
08:00	0.005953	9.4	9.4	.00	29.19	988.5	11.7	.02	265.6
09:00	0.005903	9.4	9.3	.00	29.21	989.1	30.4	.04	272.5
10:00	0.005854	9.3	9.2	.00	29.23	990.0	51.8	.07	264.6
11:00	0.005806	9.2	9.2	.00	29.24	990.1	86.3	.12	261.0
12:00	0.005793	9.2	9.1	.00	29.22	989.4	100.1	.14	242.0
13:00	0.005787	9.2	9.1	.00	29.20	988.8	84.4	.12	273.2
14:00	0.005902	9.3	9.3	.00	29.19	988.7	53.7	.08	312.3
15:00	0.00602	9.5	9.5	.01	29.19	988.6	42.3	.06	36.4
16:00	0.005791	9.1	9.1	.00	29.21	989.1	14.0	.02	52.0
17:00	0.005503	8.7	8.7	.00	29.22	989.5	-.7	.00	49.3
18:00	0.005346	8.4	8.4	.01	29.23	990.0	-2.1	.00	47.7
19:00	0.005218	8.2	8.2	.01	29.24	990.2	-2.1	.00	53.9
20:00	0.00506	8.0	8.0	.01	29.26	990.8	-2.3	.00	52.7
21:00	0.005008	7.9	7.9	.00	29.27	991.2	-2.5	.00	52.7
22:00	0.004873	7.7	7.7	.01	29.28	991.5	-1.9	.00	56.6
23:00	0.004777	7.6	7.6	.00	29.27	991.3	-2.3	.00	56.6
Avg	0.00579	9.1	9.1	.01	29.21	989.2	18.4	.03	20.0
Max	0.006549	10.3	10.3	.04	29.28	991.5	100.1	.14	357.8
Hr. of Max	00	00	00	01	22	22	12	12	07
Min	0.004777	7.6	7.6	.00	29.15	987.3	-3.7	-.01	17.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/29/2014

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	50.6	60.3	36.2	57.1	34.7	16.4	14.3	.8	2.2
01:00	32.0	33.7	32.3	28.6	30.1	23.0	16.2	.6	1.2
02:00	50.9	23.9	51.3	18.3	26.6	11.1	18.8	.4	1.5
03:00	45.8	41.3	37.1	35.9	33.1	12.5	11.6	.6	1.9
04:00	42.6	41.4	41.0	37.2	30.6	13.8	8.5	.9	2.5
05:00	29.8	36.4	16.9	31.7	33.5	15.1	11.2	.6	2.1
06:00	23.7	30.4	20.5	25.4	36.6	21.4	17.8	.9	1.7
07:00	8.9	16.3	344.6	10.8	65.1	37.7	32.5	.4	.9
08:00	298.4	303.0	269.3	301.1	29.8	28.7	20.9	1.0	1.7
09:00	287.4	300.5	274.8	298.9	25.5	24.0	25.5	1.2	1.6
10:00	279.6	284.5	269.1	284.2	19.2	20.4	13.7	2.6	3.1
11:00	274.7	281.1	267.0	281.4	20.0	18.2	17.0	2.5	3.0
12:00	249.2	248.4	247.9	250.9	21.6	18.5	26.3	1.7	1.8
13:00	286.0	284.6	277.3	284.1	21.7	18.4	17.2	2.6	3.4
14:00	320.5	310.0	310.1	309.2	44.9	31.6	28.5	1.1	1.6
15:00	42.9	52.6	77.1	47.1	61.2	51.3	38.7	.7	1.6
16:00	57.1	60.5	53.5	55.7	26.9	15.0	11.6	2.7	5.1
17:00	53.8	56.4	50.9	51.5	30.4	15.8	9.9	2.4	5.5
18:00	55.0	57.1	48.6	52.4	27.3	15.1	10.5	2.2	4.8
19:00	56.4	54.9	56.1	50.4	28.3	16.0	10.9	2.7	5.4
20:00	50.9	48.8	54.3	43.9	29.4	14.2	9.8	2.0	5.0
21:00	53.7	54.0	55.1	49.3	26.4	14.6	10.1	1.9	4.4
22:00	57.1	56.9	58.8	52.2	22.5	12.7	9.3	2.3	4.4
23:00	59.6	56.8	58.1	52.2	24.1	13.5	9.8	2.1	4.0
Avg	22.0	22.0	20.0	17.0	31.2	20.0	16.7	.0	.0
Max	320.5	310.0	344.6	309.2	65.1	51.3	38.7	2.7	5.5
Hr. of Max	14	14	07	14	07	15	15	19	17
Min	8.9	16.3	16.9	10.8	19.2	11.1	8.5	.4	.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/29/2014

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	2.8	1.0	2.4	3.0	1.4	3.4	-1.4	1.5	-.11
01:00	1.4	.8	1.4	1.6	1.2	2.1	-1.8	-1.6	-.07
02:00	1.5	.4	1.5	1.6	.9	2.0	4.4	-1.3	.04
03:00	2.1	.7	2.0	2.2	1.3	2.7	-1.9	-4.2	-.10
04:00	3.1	1.0	2.6	3.1	1.4	3.6	.4	-1.2	-.06
05:00	2.7	.8	2.2	2.8	1.3	3.2	.7	-1.6	-.05
06:00	2.0	1.1	1.9	2.2	1.5	2.7	-1.6	-4.2	-.11
07:00	1.1	.6	1.1	1.3	1.0	1.8	-.1	-4.8	-.02
08:00	2.2	1.1	1.8	2.4	1.6	2.8	3.2	-3.4	.05
09:00	1.7	1.3	1.7	1.9	1.7	2.3	-.1	.3	-.04
10:00	3.4	2.7	3.2	3.5	3.2	3.9	-3.3	-1.9	-.26
11:00	3.2	2.6	3.1	3.3	3.1	3.8	-3.4	-5.6	-.22
12:00	1.6	1.9	1.9	1.7	2.4	2.3	.2	-9.8	-.03
13:00	3.6	2.8	3.5	3.7	3.1	4.1	-4.1	-4.0	-.30
14:00	2.3	1.4	1.9	2.6	2.0	3.1	.5	.9	-.13
15:00	2.4	.9	1.8	2.6	1.6	3.2	7.7	8.5	.13
16:00	6.3	2.9	5.2	6.4	3.5	6.9	-4.3	-2.1	-.43
17:00	7.3	2.7	5.8	7.4	3.2	7.9	.2	-2.9	-.21
18:00	6.1	2.5	4.9	6.2	3.0	6.7	-1.7	-3.2	-.26
19:00	7.1	2.9	5.6	7.2	3.4	7.7	1.3	-2.3	-.17
20:00	6.6	2.2	5.1	6.7	2.9	7.1	1.4	-1.7	-.09
21:00	5.7	2.1	4.6	5.9	2.6	6.3	4.3	-1.1	.04
22:00	5.5	2.5	4.5	5.6	2.8	6.0	-1.2	-3.3	-.22
23:00	5.1	2.3	4.1	5.2	2.7	5.7	-1.3	-1.9	-.17
Avg	.0	1.7	3.1	3.8	2.2	4.2	-.1	-2.1	-.12
Max	7.3	2.9	5.8	7.4	3.5	7.9	7.7	8.5	.13
Hr. of Max	17	19	17	17	16	17	15	15	15
Min	1.1	.4	1.1	1.3	.9	1.8	-4.3	-9.8	-.43
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/29/2014

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	.08	3.7	5.7	7.6	4.6	6.0	19.1	10.7
01:00	-.06	3.7	4.1	3.9	3.9	4.4	15.1	11.1
02:00	-.09	2.5	4.1	4.1	2.9	4.6	18.7	11.4
03:00	-.19	3.4	4.8	5.5	4.2	5.9	17.4	7.7
04:00	-.11	3.7	6.0	6.4	4.7	6.9	18.2	6.8
05:00	-.09	3.0	4.6	4.8	3.6	5.5	20.5	7.1
06:00	-.19	3.2	4.8	6.0	3.9	4.4	14.5	7.5
07:00	-.14	3.0	3.9	3.0	3.3	3.6	15.4	14.2
08:00	-.23	6.0	6.0	6.9	5.4	7.6	18.0	12.9
09:00	-.07	4.1	4.8	4.4	5.1	5.0	16.9	15.3
10:00	-.23	7.1	7.6	7.8	7.5	9.2	13.9	11.5
11:00	-.41	6.2	10.3	8.9	7.0	9.7	16.1	12.9
12:00	-.33	5.7	5.5	5.3	5.0	5.6	17.5	16.4
13:00	-.44	9.2	8.9	8.0	7.2	7.2	15.0	15.3
14:00	-.12	7.1	8.5	6.9	6.9	7.6	25.2	21.2
15:00	.29	7.6	7.1	8.9	8.4	9.7	25.4	19.8
16:00	-.33	13.5	9.8	16.3	9.3	10.8	19.5	8.2
17:00	-.47	8.9	12.1	14.7	9.1	12.5	22.1	7.3
18:00	-.46	7.1	8.9	11.4	8.3	11.4	21.3	8.8
19:00	-.39	7.8	9.6	17.2	8.9	11.8	22.4	8.1
20:00	-.27	7.6	11.2	12.6	11.3	13.7	22.2	8.5
21:00	-.18	6.4	14.4	17.4	7.4	10.1	22.3	8.0
22:00	-.39	8.5	14.2	14.4	8.1	10.3	19.2	7.8
23:00	-.22	8.9	10.3	11.7	9.6	12.1	18.5	8.2
Avg	-.21	6.2	7.8	8.9	6.5	8.2	18.9	11.1
Max	.29	13.5	14.4	17.4	11.3	13.7	25.4	21.2
Hr. of Max	15	16	21	21	20	20	15	14
Min	-.47	2.5	3.9	3.0	2.9	3.6	13.9	6.8
Count	24	24	24	24	24	24	24	24
Total								