Date Printed: 04/17/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/16/2015

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	15.8	16.0	15.9	15.9	.16	.04	.02	-.12	-.13
01:00	15.5	15.7	15.6	15.6	.18	.08	.08	-.10	-.10
02:00	15.4	15.5	15.4	15.3	.12	.00	-.04	-.12	-.15
03:00	15.0	15.2	15.1	15.1	.23	.12	.09	-.11	-.14
04:00	14.5	14.8	14.7	14.7	.36	.27	.26	-.09	-.10
05:00	14.2	14.5	14.4	14.4	.25	.17	.18	-.08	-.08
06:00	14.1	14.4	14.3	14.4	.28	.23	.26	-.06	-.03
07:00	14.2	14.4	14.3	14.3	.15	.08	.09	-.07	-.06
08:00	14.8	14.7	14.5	14.5	-.08	-.28	-.33	-.19	-.24
09:00	15.3	15.1	14.8	14.7	-.24	-.51	-.62	-.27	-.38
10:00	15.8	15.6	15.3	15.2	-.20	-.46	-.58	-.26	-.38
11:00	15.3	15.2	15.1	15.1	-.07	-.13	-.13	-.05	-.06
12:00	15.6	15.4	15.2	15.1	-.22	-.40	-.46	-.17	-.24
13:00	16.1	15.7	15.4	15.3	-.40	-.69	-.80	-.29	-.39
14:00	16.6	16.3	16.0	15.8	-.33	-.64	-.77	-.30	-.44
15:00	16.9	16.7	16.5	16.4	-.27	-.49	-.59	-.22	-.32
16:00	17.2	17.1	16.8	16.7	-.17	-.39	-.49	-.22	-.32
17:00	17.3	17.1	16.9	16.8	-.21	-.45	-.54	-.24	-.33
18:00	17.2	17.0	16.8	16.7	-.16	-.39	-.47	-.23	-.31
19:00	16.9	16.8	16.6	16.6	-.09	-.28	-.33	-.19	-.24
20:00	16.0	16.0	15.9	15.9	.00	-.16	-.19	-.16	-.18
21:00	15.4	15.4	15.2	15.2	.02	-.12	-.17	-.14	-.19
22:00	15.2	15.2	15.0	15.0	.00	-.15	-.21	-.15	-.21
23:00	15.1	15.0	14.8	14.8	-.08	-.24	-.28	-.16	-.20
Avg	15.6	15.6	15.4	15.4	-.03	-.20	-.25	-.17	-.22
Max	17.3	17.1	16.9	16.8	.36	.27	.26	-.05	-.03
Hr. of Max	17	17	17	17	04	04	06	11	06
Min	14.1	14.4	14.3	14.3	-.40	-.69	-.80	-.30	-.44
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/16/2015

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	12.9	12.8	13.9	17.4	84.2	82.5	11.2	11.1	0.009529
01:00	12.7	12.5	13.7	17.3	84.9	82.7	11.1	10.9	0.009418
02:00	12.4	12.3	13.4	17.2	83.9	82.4	10.9	10.8	0.00922
03:00	12.2	12.0	13.1	17.1	85.0	82.3	10.7	10.5	0.009105
04:00	12.2	11.9	13.0	17.0	87.6	83.9	10.7	10.5	0.009094
05:00	12.2	12.0	12.9	16.8	88.8	86.4	10.7	10.6	0.009066
06:00	12.2	11.9	12.8	16.7	89.6	86.1	10.7	10.5	0.009069
07:00	12.1	11.7	12.8	16.6	88.5	85.4	10.7	10.4	0.009022
08:00	11.7	11.6	12.8	16.5	83.3	82.7	10.4	10.3	0.008798
09:00	11.6	11.3	12.9	16.4	79.9	79.4	10.3	10.1	0.008732
10:00	11.4	11.1	12.8	16.4	76.1	75.5	10.1	9.9	0.008585
11:00	12.8	12.3	13.6	16.5	86.5	84.4	11.1	10.8	0.009422
12:00	13.0	12.7	13.9	16.5	86.2	85.4	11.3	11.0	0.009579
13:00	13.1	12.7	14.1	16.6	83.8	83.7	11.3	11.1	0.009648
14:00	13.6	13.3	14.6	16.7	83.6	84.1	11.7	11.5	0.009935
15:00	13.5	13.3	14.7	16.9	81.6	81.6	11.6	11.4	0.00991
16:00	13.7	13.5	14.9	17.0	81.2	81.1	11.7	11.6	0.010042
17:00	13.6	13.4	14.9	17.1	80.3	80.1	11.7	11.5	0.01
18:00	13.6	13.4	14.8	17.1	80.6	80.5	11.6	11.5	0.009948
19:00	13.6	13.6	14.7	17.2	82.4	82.5	11.7	11.6	0.00999
20:00	13.6	13.6	14.4	17.2	86.9	87.2	11.7	11.7	0.009963
21:00	13.5	13.5	14.1	17.1	89.9	90.1	11.6	11.7	0.009863
22:00	13.5	13.5	14.0	17.0	91.0	91.2	11.6	11.6	0.009861
23:00	13.5	13.5	14.0	16.9	91.8	92.1	11.6	11.6	0.009881
Avg	12.8	12.6	13.8	16.9	84.9	83.9	11.2	11.0	0.009487
Max	13.7	13.6	14.9	17.4	91.8	92.1	11.7	11.7	0.010042
Hr. of Max	16	20	17	00	23	23	20	21	16
Min	11.4	11.1	12.8	16.4	76.1	75.5	10.1	9.9	0.008585
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/16/2015

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	0.009432	14.9	14.8	.00	29.24	990.1	-3.5	-.01	61.9
01:00	0.009281	14.8	14.6	.00	29.24	990.1	-1.2	.00	51.6
02:00	0.009133	14.5	14.3	.00	29.24	990.1	-2.4	.00	67.8
03:00	0.008944	14.3	14.0	.00	29.23	990.0	-3.4	.00	63.4
04:00	0.008913	14.3	14.0	.00	29.23	990.0	-1.2	.00	46.2
05:00	0.008965	14.2	14.1	.00	29.24	990.3	-2.0	.00	27.0
06:00	0.008878	14.2	13.9	.00	29.26	990.9	-3.5	.00	40.8
07:00	0.008791	14.2	13.8	.00	29.27	991.4	13.7	.02	40.3
08:00	0.008686	13.8	13.7	.00	29.28	991.5	66.3	.10	64.5
09:00	0.008548	13.7	13.4	.00	29.28	991.7	153.3	.22	50.4
10:00	0.008413	13.5	13.2	.00	29.29	991.8	135.7	.19	66.4
11:00	0.009152	14.8	14.4	.01	29.30	992.4	173.0	.25	.5
12:00	0.009357	15.0	14.7	.02	29.30	992.3	162.5	.23	111.4
13:00	0.009397	15.2	14.8	.01	29.29	991.8	350.2	.50	89.7
14:00	0.009782	15.6	15.3	.00	29.27	991.2	260.1	.37	69.1
15:00	0.009744	15.5	15.3	.00	29.27	991.2	156.1	.22	99.4
16:00	0.009922	15.7	15.6	.00	29.26	990.8	155.1	.22	128.1
17:00	0.009837	15.7	15.4	.00	29.24	990.4	165.5	.24	145.5
18:00	0.009838	15.6	15.4	.00	29.23	990.0	120.4	.17	209.6
19:00	0.009944	15.7	15.6	.00	29.24	990.1	23.6	.03	236.0
20:00	0.009997	15.6	15.7	.00	29.24	990.4	-.3	.00	245.2
21:00	0.009905	15.5	15.5	.00	29.25	990.6	-1.4	.00	253.7
22:00	0.009885	15.5	15.5	.00	29.26	990.8	-2.7	.00	245.9
23:00	0.009873	15.5	15.5	.00	29.24	990.1	-2.4	.00	241.4
Avg	0.009359	14.9	14.7	.00	29.26	990.8	79.6	.11	71.0
Max	0.009997	15.7	15.7	.02	29.30	992.4	350.2	.50	253.7
Hr. of Max	20	19	20	12	12	11	13	13	21
Min	0.008413	13.5	13.2	.00	29.23	990.0	-3.5	-.01	.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/16/2015

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	67.1	68.8	64.8	65.4	25.9	18.3	14.3	2.1	3.8
01:00	56.3	61.6	53.2	58.0	23.1	14.5	11.6	2.0	4.3
02:00	75.6	75.6	70.4	72.0	26.8	19.1	15.2	2.1	3.8
03:00	81.2	76.9	67.7	73.1	33.3	19.7	14.4	1.5	3.2
04:00	72.8	76.4	49.3	71.7	38.6	20.2	16.1	1.2	2.5
05:00	45.3	57.0	28.6	52.4	20.4	10.6	8.2	1.6	2.8
06:00	55.6	73.7	39.7	69.1	54.0	44.5	20.4	.8	1.9
07:00	49.1	56.6	42.4	52.3	25.3	11.5	7.4	1.9	4.1
08:00	63.2	66.7	66.4	63.4	31.9	21.9	17.8	1.9	3.2
09:00	49.0	50.2	51.5	46.0	40.9	20.5	12.4	2.1	4.8
10:00	66.5	66.3	64.2	62.1	27.5	16.1	12.2	3.1	4.9
11:00	26.6	33.3	358.0	27.8	45.9	42.2	28.9	1.0	2.3
12:00	110.0	103.5	115.2	101.6	39.5	28.6	25.1	1.5	2.2
13:00	90.1	87.3	91.7	83.4	21.9	20.1	16.1	2.8	3.5
14:00	55.6	55.1	68.5	51.9	34.2	31.2	23.1	2.8	3.8
15:00	86.3	103.4	115.7	93.2	51.6	45.0	48.1	1.1	1.1
16:00	135.4	141.5	127.5	140.4	42.5	35.8	26.9	2.3	2.6
17:00	156.5	158.0	152.1	157.2	37.4	30.7	31.8	2.0	2.5
18:00	218.0	217.8	215.4	219.5	25.7	23.1	20.3	2.5	3.2
19:00	238.6	235.6	241.0	237.8	18.0	11.0	8.1	2.6	3.9
20:00	248.3	246.1	250.5	247.7	17.0	12.3	10.4	2.6	4.0
21:00	266.7	268.8	257.9	269.4	17.1	12.9	10.9	2.4	3.6
22:00	264.3	271.1	249.7	271.5	19.2	16.2	12.2	1.9	2.7
23:00	277.1	283.7	238.3	282.9	28.8	21.6	17.6	.6	1.4
Avg	73.0	78.0	73.0	71.0	31.1	22.8	17.9	.0	.0
Max	277.1	283.7	358.0	282.9	54.0	45.0	48.1	3.1	4.9
Hr. of Max	23	23	11	23	06	15	15	10	10
Min	26.6	33.3	28.6	27.8	17.0	10.6	7.4	.6	1.1
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)

4/16/2015

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	4.9	2.3	4.0	5.1	2.8	5.5	-3.9	5.2	-.27
01:00	5.4	2.2	4.5	5.5	2.5	5.9	-3.8	.9	-.24
02:00	4.9	2.3	4.0	5.1	2.8	5.5	-1.7	6.1	-.11
03:00	4.1	1.7	3.3	4.2	2.3	4.7	1.1	4.6	-.01
04:00	3.3	1.6	3.0	3.5	2.1	4.0	-.5	4.3	-.05
05:00	3.1	1.7	2.9	3.1	2.0	3.5	-7.8	-4.8	-.31
06:00	2.4	1.3	2.2	2.6	1.7	3.0	-2.2	.4	-.08
07:00	5.0	2.1	4.2	5.1	2.3	5.4	-3.9	-1.0	-.25
08:00	4.1	2.1	3.4	4.3	2.6	4.7	1.8	6.6	.01
09:00	5.9	2.5	5.0	6.0	3.0	6.4	2.0	1.2	-.07
10:00	5.6	3.5	5.2	5.9	4.0	6.3	.2	-1.8	-.15
11:00	3.0	1.8	3.0	3.6	2.2	4.0	-1.8	-1.1	-.14
12:00	2.4	1.9	2.5	2.6	2.5	3.1	9.3	3.7	.34
13:00	3.8	3.1	3.7	4.0	3.6	4.4	2.8	-.9	.09
14:00	4.7	3.2	4.2	5.0	3.8	5.5	3.7	6.7	.12
15:00	1.4	1.7	1.9	2.2	2.3	2.7	3.9	2.9	.13
16:00	3.0	2.8	3.2	3.4	3.5	3.9	-.5	-.3	-.08
17:00	2.9	2.9	3.4	3.7	3.5	4.2	3.2	.6	.09
18:00	3.6	2.8	3.5	3.8	3.3	4.2	-1.1	.7	-.13
19:00	4.6	2.8	4.1	4.8	3.2	5.2	-1.3	-.7	-.15
20:00	5.0	2.8	4.2	5.1	3.1	5.6	-.7	.9	-.11
21:00	4.6	2.5	3.7	4.7	2.9	5.0	-1.0	.3	-.10
22:00	3.7	2.0	2.8	3.8	2.5	4.0	-.8	.2	-.09
23:00	2.2	.7	1.6	2.3	1.2	2.5	1.8	-.7	.01
Avg	.0	2.3	3.5	4.1	2.7	4.6	-.1	1.4	-.06
Max	5.9	3.5	5.2	6.0	4.0	6.4	9.3	6.7	.34
Hr. of Max	09	10	10	09	10	09	12	14	12
Min	1.4	.7	1.6	2.2	1.2	2.5	-7.8	-4.8	-.31
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/16/2015

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	.43	8.2	12.1	11.7	8.4	12.3	19.5	11.4
01:00	-.02	6.4	8.9	10.3	7.4	11.3	18.3	10.1
02:00	.48	6.6	9.6	11.0	7.1	11.4	18.7	12.6
03:00	.30	7.1	10.1	11.7	8.5	9.8	19.9	10.7
04:00	.31	5.3	10.8	13.7	5.9	7.7	18.8	12.5
05:00	-.30	4.8	6.2	8.0	4.6	5.6	11.5	6.4
06:00	-.01	3.4	5.7	6.9	3.8	6.1	15.3	11.4
07:00	-.13	7.3	8.2	8.7	7.7	9.0	15.8	5.8
08:00	.44	6.9	11.9	13.5	8.6	9.8	23.0	14.3
09:00	.01	7.6	10.3	11.2	8.5	11.6	25.0	12.0
10:00	-.22	8.9	9.8	9.8	9.6	10.6	20.9	9.7
11:00	-.07	6.2	8.5	9.2	7.0	9.5	21.0	16.4
12:00	.23	5.5	7.6	7.3	7.5	8.0	21.4	16.8
13:00	-.12	6.9	7.3	8.2	7.7	8.6	18.2	16.0
14:00	.41	10.3	11.2	10.5	8.6	10.3	21.4	18.3
15:00	.23	8.5	8.5	8.5	9.8	9.5	24.6	25.8
16:00	-.16	8.9	11.2	10.1	10.4	10.0	18.8	21.1
17:00	-.03	7.1	7.8	8.0	9.0	9.0	21.0	21.8
18:00	-.01	8.0	7.6	9.4	7.1	8.2	14.3	13.6
19:00	-.06	6.0	6.6	7.3	6.8	8.0	13.4	5.4
20:00	.05	7.3	9.4	9.4	7.5	8.2	11.8	5.7
21:00	-.01	6.0	6.6	12.1	6.0	7.9	11.5	7.4
22:00	-.05	4.6	5.7	6.9	5.5	7.1	11.9	9.4
23:00	-.06	4.1	6.2	7.6	3.6	6.3	14.8	10.4
Avg	.07	6.7	8.7	9.6	7.4	9.0	18.0	12.7
Max	.48	10.3	12.1	13.7	10.4	12.3	25.0	25.8
Hr. of Max	02	14	00	04	16	00	09	15
Min	-.30	3.4	5.7	6.9	3.6	5.6	11.5	5.4
Count	24	24	24	24	24	24	24	24
Total								