Date Printed: 03/20/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/19/2015

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	10.7	11.0	10.9	10.9	.30	.20	.18	-.10	-.12
01:00	10.7	10.9	10.8	10.8	.28	.17	.15	-.11	-.13
02:00	10.6	10.8	10.7	10.7	.24	.13	.10	-.11	-.14
03:00	10.6	10.8	10.7	10.6	.21	.08	.04	-.12	-.17
04:00	10.4	10.6	10.5	10.5	.22	.10	.06	-.12	-.16
05:00	8.3	9.3	9.4	9.5	.96	1.08	1.15	.13	.19
06:00	6.6	7.4	7.6	7.7	.79	1.01	1.15	.21	.36
07:00	6.1	6.3	6.4	6.5	.18	.30	.42	.12	.24
08:00	6.0	6.1	6.1	6.2	.06	.09	.16	.03	.10
09:00	6.1	6.0	6.0	6.0	-.02	-.06	-.02	-.04	.00
10:00	6.1	6.0	5.9	5.9	-.10	-.20	-.21	-.10	-.11
11:00	6.2	6.1	6.0	5.9	-.12	-.26	-.29	-.13	-.17
12:00	6.6	6.4	6.2	6.1	-.21	-.41	-.48	-.20	-.27
13:00	7.1	6.9	6.7	6.6	-.20	-.44	-.51	-.24	-.31
14:00	7.6	7.4	7.1	7.0	-.24	-.47	-.55	-.23	-.31
15:00	7.9	7.7	7.5	7.4	-.19	-.43	-.50	-.23	-.30
16:00	8.2	8.1	7.9	7.8	-.17	-.37	-.43	-.20	-.26
17:00	8.5	8.4	8.2	8.1	-.12	-.32	-.37	-.20	-.25
18:00	8.5	8.5	8.3	8.2	-.08	-.28	-.31	-.19	-.23
19:00	8.5	8.5	8.3	8.3	-.08	-.27	-.29	-.19	-.21
20:00	8.5	8.5	8.3	8.4	.00	-.18	-.17	-.17	-.16
21:00	8.6	8.7	8.5	8.6	.06	-.08	-.03	-.15	-.10
22:00	8.6	8.6	8.6	8.6	.07	.05	.07	-.03	.00
23:00	8.6	8.6	8.6	8.6	-.01	-.03	.03	-.02	.04
Avg	8.2	8.2	8.1	8.1	.08	-.02	-.03	-.10	-.10
Max	10.7	11.0	10.9	10.9	.96	1.08	1.15	.21	.36
Hr. of Max	01	00	00	00	05	05	06	06	06
Min	6.0	6.0	5.9	5.9	-.24	-.47	-.55	-.24	-.31
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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3/19/2015

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	-3.4	-4.5	1.3	11.2	37.6	33.9	3.7	3.4	0.003043
01:00	-3.3	-4.5	1.3	11.1	37.9	34.0	3.7	3.4	0.003062
02:00	-3.5	-4.5	1.2	11.0	37.7	34.2	3.7	3.4	0.003029
03:00	-3.4	-4.4	1.3	10.8	37.8	34.6	3.7	3.4	0.003042
04:00	-2.9	-3.9	1.6	10.7	39.9	36.4	3.8	3.5	0.003168
05:00	1.6	-.9	3.8	10.6	64.4	50.1	5.3	4.4	0.004393
06:00	4.3	2.5	5.0	10.6	85.9	72.3	6.4	5.7	0.005261
07:00	4.8	4.2	5.2	10.5	92.0	87.2	6.7	6.4	0.00546
08:00	4.9	4.4	5.3	10.4	93.2	89.9	6.7	6.5	0.005505
09:00	4.5	4.1	5.0	10.3	90.8	88.5	6.6	6.4	0.005367
10:00	4.7	4.3	5.1	10.2	91.6	90.0	6.6	6.5	0.005419
11:00	5.0	4.7	5.4	10.1	92.5	91.5	6.8	6.6	0.00553
12:00	5.6	5.3	5.9	10.0	93.8	93.4	7.0	6.9	0.005766
13:00	6.1	6.0	6.5	9.9	94.3	94.5	7.3	7.2	0.006002
14:00	6.7	6.5	7.0	9.9	94.9	95.2	7.6	7.5	0.006243
15:00	7.0	6.8	7.3	10.0	94.8	95.1	7.7	7.6	0.006367
16:00	7.3	7.2	7.6	10.0	95.0	95.3	7.9	7.8	0.006528
17:00	7.6	7.5	7.9	10.1	95.0	95.4	8.0	8.0	0.006656
18:00	7.7	7.8	8.0	10.1	95.8	96.5	8.1	8.1	0.006723
19:00	7.9	7.9	8.1	10.1	96.5	97.3	8.2	8.2	0.006772
20:00	7.9	8.0	8.1	10.1	96.7	97.4	8.2	8.2	0.006773
21:00	8.0	8.1	8.2	10.1	96.8	97.0	8.2	8.3	0.006821
22:00	8.0	8.0	8.2	10.1	97.2	96.9	8.3	8.3	0.006829
23:00	8.0	8.0	8.2	10.1	97.4	97.5	8.3	8.3	0.006853
Avg	4.2	3.7	5.5	10.3	81.2	78.9	6.6	6.4	0.005442
Max	8.0	8.1	8.2	11.2	97.4	97.5	8.3	8.3	0.006853
Hr. of Max	23	21	23	00	23	23	23	23	23
Min	-3.5	-4.5	1.2	9.9	37.6	33.9	3.7	3.4	0.003029
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/19/2015

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	0.002799	4.8	4.4	.00	29.21	989.1	-1.7	.00	61.7
01:00	0.002803	4.8	4.4	.00	29.20	988.8	-2.3	.00	63.2
02:00	0.002796	4.8	4.4	.00	29.19	988.4	-2.3	.00	58.5
03:00	0.002826	4.8	4.5	.00	29.18	988.3	-2.4	.00	63.0
04:00	0.002933	5.0	4.6	.00	29.19	988.4	-1.9	.00	57.6
05:00	0.003668	6.9	5.8	.00	29.19	988.6	-1.7	.00	51.8
06:00	0.004668	8.3	7.4	.03	29.20	988.9	-1.6	.00	45.0
07:00	0.005245	8.6	8.3	.05	29.20	989.0	-1.8	.00	49.1
08:00	0.005331	8.7	8.4	.08	29.20	988.7	4.8	.01	52.4
09:00	0.005222	8.5	8.2	.06	29.19	988.6	23.6	.03	56.3
10:00	0.005292	8.5	8.3	.07	29.20	988.7	42.1	.06	59.2
11:00	0.005423	8.7	8.5	.04	29.20	989.0	47.9	.07	58.7
12:00	0.005657	9.1	8.9	.01	29.20	988.8	79.5	.11	58.9
13:00	0.00593	9.4	9.3	.00	29.19	988.6	75.2	.11	58.9
14:00	0.006156	9.8	9.7	.01	29.18	988.0	84.3	.12	58.7
15:00	0.006303	10.0	9.9	.01	29.16	987.4	64.6	.09	53.4
16:00	0.006473	10.3	10.2	.02	29.15	987.1	56.5	.08	48.7
17:00	0.006623	10.5	10.4	.00	29.15	987.1	30.5	.04	49.2
18:00	0.006733	10.6	10.6	.01	29.15	987.3	8.2	.01	67.3
19:00	0.006788	10.6	10.7	.01	29.16	987.7	.6	.00	61.5
20:00	0.00682	10.6	10.7	.01	29.17	987.8	-2.4	.00	61.1
21:00	0.006865	10.7	10.8	.00	29.18	988.2	-2.3	.00	14.9
22:00	0.006845	10.7	10.8	.00	29.19	988.4	-2.1	.00	253.7
23:00	0.006852	10.8	10.8	.00	29.19	988.5	-2.0	.00	215.1
Avg	0.005294	8.6	8.3	.02	29.18	988.3	20.6	.03	55.0
Max	0.006865	10.8	10.8	.08	29.21	989.1	84.3	.12	253.7
Hr. of Max	21	23	23	08	00	00	14	14	22
Min	0.002796	4.8	4.4	.00	29.15	987.1	-2.4	.00	14.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/19/2015

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	62.0	59.0	64.6	54.8	23.3	13.9	8.6	3.0	5.9
01:00	63.8	60.5	66.2	56.5	22.8	14.8	9.3	3.0	5.7
02:00	61.3	59.5	60.1	55.5	22.9	13.9	9.4	3.2	6.1
03:00	62.7	61.6	63.3	57.5	28.6	16.1	10.2	3.1	6.1
04:00	59.7	59.9	58.7	56.0	28.4	19.5	12.7	2.8	5.5
05:00	57.9	62.4	51.3	58.4	24.8	14.0	9.4	2.6	5.7
06:00	57.5	65.5	45.8	61.6	15.7	9.4	7.2	2.7	5.7
07:00	55.2	62.0	49.2	57.8	19.7	12.4	9.6	2.6	5.5
08:00	53.3	55.3	51.8	51.2	21.5	11.3	7.6	3.2	6.8
09:00	57.1	56.0	56.9	51.7	24.5	13.2	8.1	4.1	7.9
10:00	58.8	59.2	58.5	55.0	23.2	14.4	9.4	4.1	7.7
11:00	58.5	57.8	59.2	53.4	23.7	13.7	8.8	3.7	6.8
12:00	57.6	56.6	59.2	52.2	24.8	16.2	10.7	3.0	5.4
13:00	58.4	59.9	60.1	55.7	27.8	17.0	11.6	2.7	4.8
14:00	58.1	58.6	57.3	54.6	28.0	19.3	13.6	2.3	4.1
15:00	54.6	54.6	55.6	50.4	28.8	15.5	9.8	2.5	4.7
16:00	51.2	54.4	50.9	49.6	23.9	13.8	10.3	2.1	3.9
17:00	49.3	52.0	48.8	46.9	25.5	13.1	8.9	1.4	2.8
18:00	70.7	68.4	69.4	63.9	19.6	11.0	8.8	1.1	2.1
19:00	66.0	67.9	65.3	63.8	24.3	15.0	11.8	.9	2.1
20:00	76.4	82.5	62.1	78.2	17.0	17.3	14.2	1.3	2.0
21:00	56.3	111.0	14.3	109.0	55.1	47.2	28.4	.5	.8
22:00	269.5	254.0	255.7	255.5	27.3	20.7	15.7	.4	1.1
23:00	249.7	257.9	222.7	259.1	45.0	19.9	10.8	.6	.9
Avg	57.0	61.0	55.0	56.0	26.1	16.4	11.0	.0	.0
Max	269.5	257.9	255.7	259.1	55.1	47.2	28.4	4.1	7.9
Hr. of Max	22	23	22	23	21	21	21	10	09
Min	49.3	52.0	14.3	46.9	15.7	9.4	7.2	.4	.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/19/2015

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	8.2	3.2	6.0	8.3	3.6	8.7	.1	-.2	-.11
01:00	8.0	3.3	5.9	8.1	3.8	8.5	-1.4	.2	-.20
02:00	8.5	3.5	6.2	8.6	3.8	9.1	.2	-.8	-.18
03:00	8.4	3.4	6.3	8.6	3.7	9.0	1.6	-.1	-.07
04:00	7.6	3.0	5.7	7.8	3.5	8.2	-.9	1.3	-.21
05:00	7.5	2.8	5.8	7.6	3.2	8.0	-2.2	-.6	-.27
06:00	7.6	2.8	5.8	7.7	3.1	8.1	-5.8	-.9	-.36
07:00	6.9	2.8	5.7	7.0	3.1	7.4	-2.9	-1.1	-.25
08:00	9.0	3.4	6.9	9.1	3.6	9.6	-.2	-1.1	-.22
09:00	10.8	4.3	8.1	10.9	4.8	11.3	-1.1	-.8	-.36
10:00	10.3	4.3	7.9	10.5	4.7	10.9	.8	-.9	-.15
11:00	9.0	3.9	7.0	9.1	4.4	9.6	-1.1	-1.3	-.28
12:00	7.0	3.2	5.6	7.1	3.7	7.5	-.2	-.8	-.18
13:00	6.3	2.9	5.0	6.4	3.4	6.8	-1.6	-.1	-.25
14:00	5.4	2.5	4.3	5.5	3.1	5.9	4.3	2.7	.11
15:00	6.0	2.7	4.9	6.1	3.2	6.4	-1.6	-1.3	-.27
16:00	4.7	2.3	4.0	4.7	2.6	5.1	-.1	-1.8	-.15
17:00	3.2	1.5	2.8	3.3	1.8	3.6	-2.2	-3.3	-.17
18:00	2.5	1.2	2.2	2.6	1.7	2.9	2.4	.4	.02
19:00	2.7	1.0	2.3	2.8	1.4	3.2	1.1	2.1	-.01
20:00	2.3	1.4	2.2	2.5	1.7	2.8	-1.3	-.1	-.09
21:00	1.0	1.0	1.1	1.4	1.4	1.9	-1.6	-1.4	-.06
22:00	1.8	.4	1.2	2.0	.9	2.3	2.6	.6	.04
23:00	2.1	.8	1.0	2.2	1.4	2.5	3.0	.4	.06
Avg	.0	2.6	4.7	6.2	3.0	6.6	-.3	-.4	-.15
Max	10.8	4.3	8.1	10.9	4.8	11.3	4.3	2.7	.11
Hr. of Max	09	10	09	09	09	09	14	14	14
Min	1.0	.4	1.0	1.4	.9	1.9	-5.8	-3.3	-.36
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/19/2015

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	-.11	8.0	15.3	23.6	9.7	14.6	18.0	7.5
01:00	-.05	11.9	13.1	19.7	10.4	15.4	18.7	7.7
02:00	-.21	8.9	18.5	24.3	9.6	15.2	19.0	7.8
03:00	-.12	9.8	13.1	15.6	11.0	15.0	22.0	8.8
04:00	.03	10.3	12.8	16.3	12.4	14.3	21.4	11.1
05:00	-.14	8.0	11.0	16.9	10.3	13.3	18.3	7.3
06:00	-.17	7.1	10.1	13.5	7.4	12.5	10.6	5.3
07:00	-.18	6.9	9.4	11.2	8.1	12.2	14.6	5.9
08:00	-.25	8.9	16.3	18.8	10.2	15.6	18.4	6.3
09:00	-.25	12.1	18.1	24.3	14.2	18.2	19.1	6.7
10:00	-.26	11.9	21.5	20.2	13.2	17.6	19.6	7.7
11:00	-.28	11.7	19.5	25.6	13.0	17.4	19.1	7.3
12:00	-.20	9.2	13.1	12.8	9.8	12.6	18.7	8.8
13:00	-.10	12.1	17.9	15.8	11.0	12.3	20.1	9.9
14:00	.14	7.8	14.0	15.3	7.8	11.0	22.9	12.4
15:00	-.20	8.0	14.9	17.9	8.9	10.7	20.5	8.9
16:00	-.19	5.5	11.7	11.9	6.7	8.3	20.2	9.0
17:00	-.21	4.1	5.0	6.4	5.1	6.9	19.4	6.8
18:00	.03	3.4	4.8	5.3	3.9	4.5	18.5	7.8
19:00	.09	2.7	4.6	5.3	3.4	5.3	20.3	8.3
20:00	-.01	3.7	4.1	4.8	3.9	5.4	14.3	7.2
21:00	-.09	4.4	4.1	5.3	5.0	6.3	12.7	15.5
22:00	.04	2.3	4.1	4.8	2.4	5.0	11.8	7.4
23:00	.01	2.1	3.0	3.9	2.6	4.6	10.2	5.6
Avg	-.11	7.5	11.7	14.1	8.3	11.4	17.9	8.2
Max	.14	12.1	21.5	25.6	14.2	18.2	22.9	15.5
Hr. of Max	14	13	10	11	09	09	14	21
Min	-.28	2.1	3.0	3.9	2.4	4.5	10.2	5.3
Count	24	24	24	24	24	24	24	24
Total								