Date Printed: 08/08/2016 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2016

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	23.7	23.7	23.9	24.2	-.01	.17	.47	.18	.47
01:00	23.6	23.7	23.8	23.9	.17	.24	.38	.06	.21
02:00	23.2	23.4	23.5	23.6	.21	.31	.42	.10	.21
03:00	22.7	22.8	23.2	23.4	.11	.48	.73	.36	.62
04:00	22.6	22.8	22.8	23.2	.21	.21	.59	.00	.38
05:00	22.7	23.0	23.0	23.1	.28	.30	.36	.02	.08
06:00	22.5	22.9	22.9	22.9	.44	.43	.47	-.01	.04
07:00	22.8	22.8	22.6	22.6	-.09	-.20	-.20	-.11	-.12
08:00	23.7	23.4	23.2	23.1	-.33	-.57	-.62	-.23	-.28
09:00	25.2	24.9	24.6	24.5	-.38	-.62	-.73	-.24	-.36
10:00	26.6	26.0	25.6	25.5	-.61	-.95	-1.11	-.33	-.50
11:00	28.4	27.4	27.1	26.9	-.96	-1.33	-1.51	-.38	-.55
12:00	29.1	28.2	27.8	27.7	-.90	-1.27	-1.39	-.37	-.49
13:00	30.1	29.2	28.9	28.7	-.91	-1.28	-1.43	-.37	-.52
14:00	30.5	29.7	29.3	29.1	-.84	-1.27	-1.44	-.43	-.60
15:00	30.1	29.0	28.6	28.4	-1.09	-1.55	-1.73	-.46	-.64
16:00	31.2	30.1	29.6	29.5	-1.08	-1.52	-1.67	-.44	-.59
17:00	30.5	29.9	29.5	29.4	-.67	-1.03	-1.17	-.36	-.50
18:00	29.3	28.8	28.6	28.5	-.45	-.71	-.80	-.26	-.35
19:00	28.4	28.2	28.1	28.1	-.14	-.27	-.31	-.13	-.17
20:00	27.5	27.6	27.5	27.5	.11	.02	.01	-.09	-.09
21:00	25.7	25.7	25.5	25.5	-.02	-.20	-.26	-.18	-.23
22:00	25.0	24.9	24.8	24.7	-.02	-.17	-.21	-.15	-.19
23:00	24.4	24.4	24.3	24.4	.01	-.06	-.03	-.07	-.04
Avg	26.2	25.9	25.8	25.8	-.29	-.45	-.47	-.16	-.18
Max	31.2	30.1	29.6	29.5	.44	.48	.73	.36	.62
Hr. of Max	16	16	16	16	06	03	03	03	03
Min	22.5	22.8	22.6	22.6	-1.09	-1.55	-1.73	-.46	-.64
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2016

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	22.2	22.5	22.7	28.2	93.8	95.3	19.6	19.9	0.017498
01:00	22.2	22.6	22.6	28.1	94.5	95.8	19.6	20.0	0.017437
02:00	21.8	22.2	22.3	27.9	94.5	95.6	19.2	19.6	0.017057
03:00	21.5	22.0	21.9	27.7	95.6	97.9	18.8	19.4	0.016734
04:00	21.5	22.1	21.9	27.5	95.9	98.5	18.8	19.6	0.016721
05:00	21.6	22.0	22.0	27.4	95.6	96.5	18.9	19.4	0.016791
06:00	21.4	22.0	21.8	27.2	96.3	97.3	18.7	19.4	0.016619
07:00	21.6	21.9	22.0	27.1	95.4	97.5	19.0	19.3	0.016851
08:00	21.8	21.8	22.4	26.9	91.2	93.4	19.1	19.2	0.016996
09:00	21.9	21.7	23.0	26.8	84.3	84.8	19.2	18.9	0.017182
10:00	21.9	21.6	23.5	26.9	77.9	79.0	19.1	18.7	0.017174
11:00	21.6	20.8	23.8	27.0	68.6	69.2	18.6	17.8	0.016842
12:00	21.7	21.3	24.1	27.3	66.2	68.3	18.7	18.4	0.016941
13:00	21.6	21.3	24.5	27.7	62.4	64.3	18.6	18.3	0.016957
14:00	21.9	21.6	24.8	28.1	62.0	63.8	18.9	18.6	0.017221
15:00	22.1	21.8	24.8	28.4	64.3	67.3	19.1	18.9	0.017435
16:00	20.8	20.6	24.3	28.6	56.0	58.6	17.7	17.4	0.016153
17:00	21.2	20.9	24.3	28.8	59.3	60.6	18.1	17.8	0.016519
18:00	21.8	21.8	24.3	29.0	66.0	67.7	18.8	18.8	0.017091
19:00	20.9	20.8	23.4	29.0	66.0	65.8	17.9	17.7	0.016211
20:00	20.7	20.5	22.9	28.9	68.2	67.2	17.7	17.5	0.015919
21:00	21.6	21.7	23.0	28.8	80.3	80.6	18.8	18.9	0.016871
22:00	21.6	21.6	22.7	28.6	83.8	84.2	18.8	18.8	0.016803
23:00	21.3	21.4	22.3	28.4	85.3	85.7	18.5	18.6	0.016541
Avg	21.6	21.6	23.1	27.9	79.3	80.6	18.8	18.8	0.016857
Max	22.2	22.6	24.8	29.0	96.3	98.5	19.6	20.0	0.017498
Hr. of Max	01	01	15	19	06	04	01	01	00
Min	20.7	20.5	21.8	26.8	56.0	58.6	17.7	17.4	0.015919
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2016

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	0.017774	26.9	27.3	.00	29.02	982.8	-2.7	.00	272.1
01:00	0.017867	26.8	27.4	.00	29.01	982.3	-1.6	.00	49.6
02:00	0.017471	26.2	26.8	.00	28.99	981.9	-2.3	.00	5.9
03:00	0.017262	25.7	26.5	.00	29.00	981.9	-1.9	.00	302.0
04:00	0.017388	25.7	26.7	.00	29.00	982.1	-1.8	.00	35.9
05:00	0.01724	25.8	26.5	.00	29.01	982.3	-2.8	.00	33.3
06:00	0.017238	25.6	26.5	.00	29.01	982.5	-.3	.00	13.9
07:00	0.01713	25.9	26.3	.00	29.02	982.8	45.0	.06	349.1
08:00	0.01706	26.2	26.2	.00	29.03	983.2	184.4	.26	331.6
09:00	0.0169	26.4	26.0	.00	29.04	983.4	244.4	.35	268.8
10:00	0.0168	26.4	25.9	.00	29.04	983.4	500.2	.72	25.2
11:00	0.016067	25.9	24.8	.00	29.03	983.3	833.4	1.19	100.3
12:00	0.016588	26.1	25.5	.00	29.03	983.1	627.7	.90	.7
13:00	0.016583	26.1	25.5	.00	29.02	982.7	566.0	.81	345.0
14:00	0.016877	26.5	25.9	.00	29.00	982.2	593.2	.85	354.1
15:00	0.017132	26.8	26.3	.00	28.99	981.9	738.3	1.06	5.2
16:00	0.015866	24.8	24.4	.00	28.98	981.3	624.4	.90	18.1
17:00	0.016224	25.4	24.9	.00	28.97	981.2	347.9	.50	33.6
18:00	0.01707	26.2	26.2	.00	28.98	981.3	185.7	.27	29.9
19:00	0.016036	24.9	24.7	.00	28.98	981.5	94.0	.13	51.8
20:00	0.015785	24.5	24.3	.00	28.99	981.8	9.9	.01	56.1
21:00	0.016923	25.9	26.0	.00	29.00	982.2	-2.3	.00	59.2
22:00	0.016856	25.8	25.9	.00	29.02	982.8	-2.1	.00	53.6
23:00	0.016619	25.5	25.6	.00	29.02	982.8	-2.2	.00	48.5
Avg	0.016865	25.9	25.9	.00	29.01	982.4	232.3	.33	17.0
Max	0.017867	26.9	27.4	.00	29.04	983.4	833.4	1.19	354.1
Hr. of Max	01	00	01	23	10	10	11	11	14
Min	0.015785	24.5	24.3	.00	28.97	981.2	-2.8	.00	.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2016

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	257.7	238.2	273.6	232.3	31.5	19.2	14.2	1.8	3.3
01:00	61.3	70.3	53.3	58.0	32.1	40.8	49.7	1.9	2.8
02:00	49.1	72.1	2.8	58.1	24.1	35.2	32.0	1.1	1.8
03:00	293.7	261.9	301.3	263.1	46.9	23.4	30.3	.8	1.6
04:00	19.3	16.3	35.6	351.2	39.8	42.5	25.5	.6	1.2
05:00	48.9	49.9	32.0	34.1	30.8	13.0	11.1	1.1	1.8
06:00	27.8	39.5	10.8	24.2	27.6	17.3	8.5	1.2	2.3
07:00	358.2	11.7	338.3	354.6	37.1	16.1	12.8	.9	2.3
08:00	352.0	8.3	328.9	350.4	26.6	22.9	32.4	1.3	2.0
09:00	283.4	50.0	270.3	324.1	54.3	59.0	47.1	.3	.3
10:00	31.8	34.7	27.0	20.7	40.3	26.6	20.3	1.8	3.0
11:00	93.7	90.8	102.6	77.9	26.0	22.6	20.3	3.5	4.0
12:00	5.5	7.7	355.6	351.7	52.5	39.4	38.9	1.9	2.7
13:00	3.3	18.9	341.4	358.7	65.3	51.8	51.9	1.2	1.8
14:00	8.6	11.5	354.5	356.1	45.2	40.7	41.2	1.9	3.4
15:00	16.0	15.8	5.3	2.4	40.5	24.5	21.3	3.6	6.1
16:00	22.0	23.4	18.0	10.3	38.8	22.9	20.6	3.5	5.8
17:00	31.9	34.5	34.9	21.7	37.5	23.0	17.3	3.4	6.3
18:00	33.3	33.9	30.8	20.6	31.4	16.9	12.5	3.7	7.1
19:00	49.1	48.3	53.3	36.0	32.1	18.9	13.1	3.1	5.8
20:00	52.0	51.8	57.5	39.7	32.6	18.2	12.9	3.6	7.3
21:00	57.8	59.5	60.8	47.9	30.6	16.5	11.5	3.8	7.2
22:00	50.3	52.2	54.5	40.3	26.3	14.2	9.0	2.8	5.8
23:00	52.3	56.3	47.9	44.4	29.4	16.3	11.1	1.8	4.1
Avg	25.0	35.0	16.0	16.0	36.6	26.7	23.6	.0	.0
Max	358.2	261.9	355.6	358.7	65.3	59.0	51.9	3.8	7.3
Hr. of Max	07	03	12	13	13	09	13	21	20
Min	3.3	7.7	2.8	2.4	24.1	13.0	8.5	.3	.3
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)

8/7/2016

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	3.9	2.5	4.1	4.7	2.9	4.9	.0	-1.6	-.11
01:00	2.9	2.1	3.2	3.8	2.3	4.0	-3.1	-2.4	-.18
02:00	2.9	1.9	2.7	3.3	2.2	3.6	-6.0	-1.6	-.24
03:00	.9	1.3	2.4	2.0	1.6	2.2	.7	-.8	-.01
04:00	2.5	1.0	1.3	2.7	1.4	2.9	-.8	2.4	-.05
05:00	2.7	1.3	1.9	2.8	1.5	3.0	-3.0	.1	-.09
06:00	3.1	1.4	2.5	3.2	1.6	3.5	-3.7	-1.3	-.15
07:00	3.0	1.0	2.4	3.1	1.3	3.4	-.2	.4	-.06
08:00	1.9	1.5	2.2	2.0	1.8	2.4	-5.0	-3.6	-.21
09:00	.3	1.0	1.1	1.1	1.5	1.7	.3	4.0	-.03
10:00	3.6	2.6	3.5	3.9	3.0	4.4	-4.0	-1.2	-.25
11:00	4.4	3.8	4.3	4.6	4.5	5.2	2.3	.4	.13
12:00	3.0	2.7	3.2	3.5	3.3	4.1	-4.6	-3.2	-.47
13:00	1.8	2.2	2.6	2.7	2.6	3.3	-1.9	-9.5	-.21
14:00	4.1	3.4	4.8	5.5	3.8	6.0	-4.0	.9	-.38
15:00	6.6	4.3	6.6	7.1	4.9	7.7	-1.1	-.4	-.45
16:00	6.4	4.2	6.2	6.8	4.7	7.3	-2.8	-.7	-.55
17:00	7.8	4.5	7.2	8.4	5.1	8.9	-1.4	1.7	-.44
18:00	8.5	4.2	7.4	8.8	4.7	9.3	-1.7	-.9	-.50
19:00	7.7	3.5	6.1	7.9	3.9	8.3	-2.4	2.1	-.41
20:00	9.8	4.1	7.7	10.1	4.6	10.6	.6	1.3	-.19
21:00	9.4	4.3	7.7	9.7	4.9	10.2	-1.0	1.1	-.26
22:00	7.5	3.0	5.9	7.5	3.2	7.8	-.3	-.5	-.17
23:00	6.0	2.1	4.3	6.1	2.4	6.4	-1.7	.2	-.20
Avg	.0	2.7	4.2	5.1	3.1	5.5	-1.9	-.5	-.23
Max	9.8	4.5	7.7	10.1	5.1	10.6	2.3	4.0	.13
Hr. of Max	20	17	21	20	17	20	11	09	11
Min	.3	1.0	1.1	1.1	1.3	1.7	-6.0	-9.5	-.55
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2016

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	86_SonicTemp_015m	87_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	-.14	7.1	8.0	8.0	14.7	4.5	25.6	25.7
01:00	-.13	6.2	8.2	12.1	13.1	10.7	25.6	25.5
02:00	-.15	3.4	5.3	8.5	11.0	7.7	25.2	25.1
03:00	-.01	4.6	5.0	4.1	10.6	4.9	24.6	24.9
04:00	.17	3.4	5.0	6.4	12.1	9.7	24.6	24.7
05:00	-.02	2.5	4.1	5.7	9.8	8.2	24.8	24.6
06:00	-.09	4.1	6.6	9.8	10.7	4.8	24.6	24.4
07:00	.06	5.0	7.1	7.6	22.2	8.4	24.6	24.1
08:00	-.11	5.0	4.8	4.8	23.3	15.5	25.3	24.6
09:00	.15	3.0	3.2	4.1	27.8	31.2	26.7	26.0
10:00	-.13	7.1	7.8	9.2	25.8	20.9	27.8	26.9
11:00	.02	11.2	8.7	9.2	20.1	21.7	29.1	28.2
12:00	-.36	7.8	8.5	7.8	25.2	26.3	29.9	29.1
13:00	-.68	7.1	8.2	7.6	27.6	25.5	30.9	30.0
14:00	.05	12.1	13.7	15.1	24.7	20.8	31.4	30.4
15:00	-.19	13.1	13.1	14.4	23.6	16.3	30.8	29.7
16:00	-.25	16.3	15.6	16.5	23.4	15.4	31.6	30.6
17:00	.06	12.8	14.2	14.2	22.2	12.4	31.4	30.5
18:00	-.27	14.4	22.0	20.4	23.0	9.5	30.5	29.8
19:00	.16	10.3	14.7	17.6	22.0	10.8	29.8	29.2
20:00	.14	13.7	16.3	18.8	22.0	8.4	29.1	28.7
21:00	.08	25.2	30.5	27.7	21.0	9.5	27.5	26.9
22:00	-.12	8.2	11.7	17.4	22.6	7.6	26.7	26.1
23:00	-.04	7.6	12.1	11.2	22.3	8.5	26.1	25.7
Avg	-.08	8.8	10.6	11.6	20.0	13.3	27.7	27.1
Max	.17	25.2	30.5	27.7	27.8	31.2	31.6	30.6
Hr. of Max	04	21	21	21	09	09	16	16
Min	-.68	2.5	3.2	4.1	9.8	4.5	24.6	24.1
Count	24	24	24	24	24	24	24	24
Total								