Date Printed: 02/03/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2017

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	8.9	10.4	10.5	10.5	1.47	1.55	1.60	.09	.13
01:00	8.6	9.8	9.9	9.9	1.23	1.30	1.33	.06	.10
02:00	8.5	9.1	9.1	9.1	.53	.57	.60	.04	.06
03:00	7.7	8.1	8.3	8.4	.44	.63	.68	.19	.24
04:00	7.3	7.9	8.1	8.1	.56	.71	.77	.15	.21
05:00	7.6	8.0	8.0	8.0	.45	.42	.39	-.03	-.06
06:00	6.7	6.9	6.8	6.7	.19	.10	.06	-.09	-.13
07:00	6.0	6.2	6.1	6.0	.15	.03	-.04	-.12	-.19
08:00	5.9	6.0	5.8	5.8	.12	-.02	-.10	-.14	-.22
09:00	7.0	6.6	6.3	6.1	-.34	-.68	-.87	-.34	-.53
10:00	8.0	7.6	7.2	6.9	-.41	-.78	-1.03	-.37	-.62
11:00	9.1	8.4	8.0	7.8	-.68	-1.11	-1.36	-.42	-.68
12:00	10.1	9.5	9.1	8.9	-.67	-1.04	-1.23	-.37	-.57
13:00	10.5	10.1	9.8	9.7	-.44	-.73	-.89	-.30	-.45
14:00	11.0	10.7	10.5	10.3	-.34	-.58	-.69	-.24	-.35
15:00	11.0	10.8	10.6	10.5	-.23	-.47	-.58	-.24	-.35
16:00	10.7	10.4	10.2	10.1	-.27	-.50	-.61	-.23	-.34
17:00	9.8	9.8	9.6	9.5	-.03	-.20	-.29	-.17	-.26
18:00	9.0	9.2	9.1	9.0	.19	.06	.00	-.13	-.19
19:00	8.6	8.6	8.4	8.4	.05	-.11	-.20	-.16	-.25
20:00	8.0	8.1	7.9	7.8	.10	-.06	-.14	-.15	-.24
21:00	7.5	7.6	7.4	7.3	.08	-.09	-.18	-.17	-.26
22:00	6.8	6.8	6.7	6.6	.06	-.10	-.19	-.16	-.25
23:00	6.3	6.4	6.2	6.1	.08	-.08	-.17	-.16	-.25
Avg	8.4	8.5	8.3	8.2	.10	-.05	-.13	-.14	-.23
Max	11.0	10.8	10.6	10.5	1.47	1.55	1.60	.19	.24
Hr. of Max	15	15	15	15	00	00	00	03	03
Min	5.9	6.0	5.8	5.8	-.68	-1.11	-1.36	-.42	-.68
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2017

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	2.2	5.3	9.3	69.2	57.5	6.0	5.5	0.00498
01:00	4.6	2.5	5.9	9.2	76.5	60.8	6.5	5.6	0.005381
02:00	5.0	3.4	6.2	9.2	79.4	68.4	6.7	6.0	0.00555
03:00	5.4	4.2	6.2	9.1	86.7	77.3	6.9	6.4	0.00571
04:00	6.1	4.8	6.5	9.1	92.5	81.3	7.3	6.6	0.005965
05:00	5.8	4.7	6.4	9.1	89.6	80.3	7.1	6.6	0.005864
06:00	3.7	2.9	4.7	9.0	82.3	76.4	6.2	5.8	0.005064
07:00	.4	-.7	2.3	9.0	67.8	61.9	4.9	4.5	0.003985
08:00	-1.4	-2.5	1.0	8.9	60.5	55.2	4.3	4.0	0.003506
09:00	-4.0	-5.3	-.3	8.8	46.2	42.7	3.6	3.2	0.002893
10:00	-4.7	-5.9	-.5	8.7	40.8	38.5	3.4	3.1	0.002739
11:00	-4.6	-5.8	.0	8.7	38.0	36.5	3.4	3.1	0.002759
12:00	-4.0	-4.9	.7	8.7	37.4	36.3	3.5	3.3	0.002904
13:00	-3.6	-4.4	1.1	8.8	37.4	36.1	3.6	3.4	0.002994
14:00	-3.8	-4.5	1.2	8.9	35.8	34.5	3.6	3.4	0.002957
15:00	-3.4	-4.2	1.4	9.1	36.7	35.2	3.7	3.5	0.003029
16:00	-3.4	-4.1	1.3	9.3	37.4	36.2	3.7	3.5	0.003023
17:00	-3.3	-4.0	1.1	9.4	39.9	38.0	3.7	3.5	0.003042
18:00	-2.8	-3.9	1.1	9.4	43.7	39.8	3.9	3.5	0.003158
19:00	-4.1	-5.1	.1	9.4	41.0	38.1	3.5	3.3	0.002861
20:00	-4.6	-5.9	-.4	9.3	41.0	37.1	3.4	3.1	0.002758
21:00	-6.0	-7.4	-1.5	9.2	38.2	34.4	3.0	2.8	0.002479
22:00	-7.6	-9.1	-2.8	9.1	35.5	31.5	2.7	2.4	0.002197
23:00	-8.2	-9.8	-3.4	9.0	35.0	30.8	2.6	2.3	0.002092
Avg	-1.5	-2.6	1.8	9.1	53.7	48.5	4.5	4.1	0.003662
Max	6.1	4.8	6.5	9.4	92.5	81.3	7.3	6.6	0.005965
Hr. of Max	04	04	04	19	04	04	04	05	04
Min	-8.2	-9.8	-3.4	8.7	35.0	30.8	2.6	2.3	0.002092
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2017

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	0.004573	7.9	7.2	.00	29.19	988.6	-2.1	.00	61.5
01:00	0.004645	8.5	7.3	.00	29.21	989.3	-2.4	.00	38.5
02:00	0.004963	8.8	7.8	.00	29.22	989.7	-2.6	.00	46.1
03:00	0.005246	9.0	8.3	.00	29.23	990.0	-2.1	.00	20.5
04:00	0.00545	9.4	8.6	.00	29.25	990.5	-2.4	.00	15.3
05:00	0.005423	9.3	8.6	.00	29.26	990.9	-.8	.00	59.8
06:00	0.004761	8.0	7.5	.01	29.28	991.6	-2.4	.00	57.4
07:00	0.003678	6.3	5.8	.00	29.31	992.8	.3	.00	57.7
08:00	0.003225	5.6	5.1	.00	29.33	993.3	89.8	.13	55.1
09:00	0.00261	4.6	4.2	.00	29.35	993.8	315.1	.45	59.6
10:00	0.002508	4.4	4.0	.00	29.35	994.1	364.4	.52	66.7
11:00	0.002529	4.4	4.0	.00	29.36	994.3	582.9	.84	75.1
12:00	0.002696	4.6	4.3	.00	29.34	993.5	502.6	.72	87.3
13:00	0.002802	4.8	4.5	.00	29.31	992.6	314.0	.45	125.6
14:00	0.002786	4.7	4.4	.00	29.30	992.2	304.3	.44	91.2
15:00	0.002865	4.8	4.5	.00	29.29	992.1	119.2	.17	102.4
16:00	0.002871	4.8	4.6	.00	29.31	992.4	121.1	.17	275.2
17:00	0.002888	4.8	4.6	.00	29.31	992.7	48.9	.07	43.5
18:00	0.002911	5.0	4.6	.00	29.32	992.8	-1.6	.00	58.4
19:00	0.002669	4.5	4.2	.00	29.32	993.0	-2.2	.00	60.0
20:00	0.002506	4.4	4.0	.00	29.32	993.1	-2.2	.00	53.7
21:00	0.002242	3.9	3.6	.00	29.33	993.3	-2.3	.00	62.4
22:00	0.001957	3.5	3.1	.00	29.33	993.4	-2.3	.00	59.4
23:00	0.001855	3.3	3.0	.00	29.32	993.0	-2.3	.00	59.8
Avg	0.003361	5.8	5.3	.00	29.30	992.2	114.0	.17	59.0
Max	0.00545	9.4	8.6	.01	29.36	994.3	582.9	.84	275.2
Hr. of Max	04	04	05	06	11	11	11	11	16
Min	0.001855	3.3	3.0	.00	29.19	988.6	-2.6	.00	15.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2017

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	73.5	81.7	50.5	72.9	34.6	18.2	13.5	1.4	2.8
01:00	30.2	48.6	12.0	38.0	34.7	21.1	17.3	1.0	2.0
02:00	47.8	56.5	30.2	50.8	54.4	36.0	24.3	1.3	2.7
03:00	12.6	61.0	303.1	66.3	61.6	31.6	46.8	.7	.9
04:00	351.7	11.3	329.6	348.0	42.5	34.0	46.7	.9	1.0
05:00	59.0	55.7	42.6	45.6	20.3	19.8	18.4	1.3	2.3
06:00	57.3	56.5	50.0	47.3	26.6	17.2	12.1	2.6	5.7
07:00	49.6	47.9	49.5	38.6	28.0	16.4	11.2	2.6	5.4
08:00	47.4	44.7	47.0	35.0	23.7	16.8	12.3	3.0	5.7
09:00	52.9	51.4	53.2	42.1	25.4	17.0	12.3	4.3	7.3
10:00	56.8	53.8	57.9	45.3	40.9	29.9	20.4	3.6	4.6
11:00	67.6	55.1	71.5	46.9	41.6	36.9	30.6	3.0	3.9
12:00	72.8	66.1	81.2	53.7	48.3	55.4	46.1	2.3	2.6
13:00	131.1	127.8	126.4	120.6	25.2	27.3	28.1	2.5	2.5
14:00	100.2	101.6	86.0	93.2	34.9	39.0	34.4	2.4	2.3
15:00	99.6	96.2	102.4	88.7	29.7	32.3	29.1	2.1	2.3
16:00	287.9	285.7	272.4 +	277.5	47.8	50.8	49.1	2.6	3.5
17:00	39.2	37.7	32.9	27.9	30.8	23.1	18.8	1.7	3.1
18:00	57.2	57.3	49.1 +	48.2	29.1	16.9	12.5	2.7	5.3
19:00	51.8	50.8	50.1	41.6	27.2	18.6	14.9	2.5	5.0
20:00	54.3	53.3	43.3	43.7	24.8	12.7	8.5	2.5	5.8
21:00	60.8	59.7	57.3	50.9	24.8	16.3	10.4	3.4	6.2
22:00	60.2	58.9	50.7	50.0	23.0	16.9	10.3	3.2	5.8
23:00	57.7	58.0	51.2	49.1	22.9	14.5	9.9	3.0	6.0
Avg	55.0	57.0	48.0	49.0	33.5	25.8	22.4	.0	.0
Max	351.7	285.7	329.6	348.0	61.6	55.4	49.1	4.3	7.3
Hr. of Max	04	16	04	04	03	12	16	09	09
Min	12.6	11.3	12.0	27.9	20.3	12.7	8.5	.7	.9
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)

2/2/2017

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	3.7	1.7	2.9	3.8	1.9	4.0	-1.4	1.1	-.09
01:00	2.6	1.2	2.2	2.7	1.5	2.9	-2.1	.0	-.08
02:00	3.7	1.8	3.1	4.0	2.1	4.2	-2.5	-1.0	-.14
03:00	1.0	1.2	1.2	1.1	1.7	1.5	-.7	-.8	-.09
04:00	.9	1.2	1.7	1.8	1.6	2.1	.8	-.9	-.01
05:00	2.9	1.6	2.7	3.2	1.8	3.5	-2.0	.8	-.04
06:00	7.5	2.9	6.0	7.7	3.2	8.0	1.4	2.5	-.08
07:00	7.1	2.8	5.6	7.3	3.2	7.6	.5	.9	-.14
08:00	7.1	3.2	5.9	7.3	3.7	7.7	.2	.8	-.24
09:00	8.6	4.8	7.6	8.8	5.3	9.2	.3	-.4	-.20
10:00	6.0	4.1	5.0	6.3	4.8	6.8	1.4	7.1	-.03
11:00	4.5	3.7	4.5	5.0	4.3	5.6	4.4	7.3	.22
12:00	3.0	3.3	3.5	3.9	3.8	4.6	-.8	-4.3	-.15
13:00	2.6	2.8	2.9	3.0	3.5	3.5	3.1	2.5	.14
14:00	2.3	2.7	2.8	2.7	3.1	3.2	-3.4	2.9	-.17
15:00	2.5	2.4	2.7	2.9	2.8	3.4	1.1	4.1	.04
16:00	4.0	3.4	4.3	4.7	3.8	5.1	-.2	-5.9	-.12
17:00	3.8	2.1	3.6	4.3	2.4	4.7	-3.7	1.8	-.26
18:00	7.0	3.0	5.6	7.2	3.2	7.5	-.1	2.9	-.16
19:00	6.2	2.7	5.2	6.4	3.0	6.7	.3	.2	-.15
20:00	7.0	2.8	6.0	7.1	3.2	7.4	-1.4	-1.1	-.21
21:00	8.3	3.7	6.4	8.4	3.9	8.7	.5	1.2	-.18
22:00	7.8	3.5	6.0	8.0	3.8	8.3	.1	.9	-.17
23:00	7.7	3.2	6.2	7.8	3.5	8.2	.1	.3	-.20
Avg	.0	2.7	4.3	5.2	3.1	5.6	-.2	1.0	-.10
Max	8.6	4.8	7.6	8.8	5.3	9.2	4.4	7.3	.22
Hr. of Max	09	09	09	09	09	09	11	11	11
Min	.9	1.2	1.2	1.1	1.5	1.5	-3.7	-5.9	-.26
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2017

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	.06	3.7	6.0	8.2	12.2	6.8	10.7	10.5
01:00	.00	3.9	5.0	5.3	9.8	6.6	10.1	9.9
02:00	-.09	4.8	7.3	8.2	14.0	7.8	9.4	9.1
03:00	.00	5.3	6.4	7.1	11.0	14.1	8.5	8.4
04:00	-.01	4.4	4.4	4.1	9.0	12.1	8.3	8.2
05:00	.11	6.2	8.9	8.5	13.2	9.5	8.4	8.0
06:00	.26	9.2	11.9	14.2	22.1	9.5	7.2	6.7
07:00	.06	15.6	15.3	20.2	21.7	9.2	6.4	5.8
08:00	.03	10.1	12.6	13.7	20.2	9.9	6.1	5.5
09:00	-.21	11.7	16.7	14.9	20.8	11.1	6.8	5.8
10:00	.69	10.3	14.0	15.6	22.0	17.6	7.6	6.6
11:00	.51	13.3	12.8	14.2	24.0	22.0	8.5	7.5
12:00	-.20	15.6	16.3	17.4	26.5	29.7	9.5	8.7
13:00	.15	8.5	7.6	8.5	21.2	26.6	10.1	9.4
14:00	.18	7.1	6.2	6.6	24.1	29.5	10.8	10.1
15:00	.38	5.7	6.9	9.4	19.9	21.4	10.9	10.2
16:00	-.47	8.9	10.3	11.9	20.5	19.2	10.5	9.8
17:00	.09	6.4	7.8	7.6	21.3	13.8	9.9	9.3
18:00	.26	12.6	13.3	14.0	19.9	9.5	9.3	8.8
19:00	-.09	10.3	12.1	13.1	21.1	11.3	8.7	8.1
20:00	-.16	8.0	13.3	13.7	18.9	6.6	8.1	7.5
21:00	.01	14.7	16.7	18.3	21.3	9.4	7.5	6.9
22:00	.02	9.4	11.7	12.8	19.9	8.4	6.8	6.2
23:00	-.03	9.6	11.2	12.8	20.3	8.8	6.3	5.7
Avg	.06	9.0	10.6	11.7	19.0	13.8	8.6	8.0
Max	.69	15.6	16.7	20.2	26.5	29.7	10.9	10.5
Hr. of Max	10	12	21	07	12	12	15	00
Min	-.47	3.7	4.4	4.1	9.0	6.6	6.1	5.5
Count	24	24	24	24	24	24	24	24
Total								