Date Printed: 02/12/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/11/2017

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	6.2	10.4	11.0	11.3	4.11	4.74	5.05	.63	.94
01:00	6.3	10.4	10.9	11.2	4.12	4.62	4.90	.50	.78
02:00	6.2	9.8	10.4	10.6	3.60	4.18	4.38	.57	.78
03:00	5.1	9.3	10.1	10.3	4.16	4.94	5.22	.78	1.07
04:00	5.0	9.0	10.1	10.4	3.93	5.06	5.35	1.12	1.42
05:00	6.3	8.6	9.9	10.3	2.28	3.63	4.03	1.35	1.75
06:00	7.1	8.9	10.2	10.5	1.82	3.08	3.41	1.26	1.59
07:00	7.7	9.5	10.3	10.5	1.84	2.62	2.82	.78	.98
08:00	9.1	10.4	10.7	10.7	1.32	1.56	1.65	.24	.33
09:00	11.2	11.5	11.5	11.5	.25	.26	.33	.02	.08
10:00	13.3	13.2	13.0	13.0	-.10	-.30	-.34	-.19	-.24
11:00	14.0	13.8	13.6	13.5	-.17	-.40	-.50	-.23	-.33
12:00	14.5	14.3	14.0	13.9	-.20	-.44	-.54	-.24	-.34
13:00	15.1	14.8	14.6	14.5	-.24	-.49	-.60	-.24	-.36
14:00	15.6	15.3	15.1	15.0	-.22	-.47	-.57	-.25	-.35
15:00	15.6	15.5	15.3	15.2	-.10	-.32	-.39	-.22	-.29
16:00	15.6	15.6	15.4	15.4	-.02	-.20	-.23	-.18	-.22
17:00	15.6	15.7	15.6	15.5	.10	-.03	-.05	-.13	-.15
18:00	15.1	15.2	15.1	15.0	.12	.00	-.07	-.12	-.19
19:00	14.5	14.6	14.5	14.4	.10	-.03	-.09	-.14	-.19
20:00	13.9	14.3	14.3	14.2	.41	.34	.30	-.08	-.12
21:00	13.7	14.3	14.3	14.5	.55	.60	.83	.06	.28
22:00	13.6	14.3	14.5	14.7	.66	.84	1.05	.18	.39
23:00	13.6	14.4	14.5	14.7	.87	.95	1.09	.08	.22
Avg	11.4	12.6	12.9	13.0	1.22	1.45	1.54	.23	.33
Max	15.6	15.7	15.6	15.5	4.16	5.06	5.35	1.35	1.75
Hr. of Max	17	17	17	17	03	04	04	05	05
Min	5.0	8.6	9.9	10.3	-.24	-.49	-.60	-.25	-.36
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

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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	-1.8	-4.4	.9	7.6	56.8	35.7	4.2	3.4	0.003401
01:00	-1.2	-3.9	1.3	7.6	59.4	37.0	4.4	3.6	0.003568
02:00	-1.2	-3.7	1.3	7.5	59.7	39.0	4.4	3.6	0.003562
03:00	-1.0	-3.6	1.1	7.4	65.3	40.7	4.4	3.6	0.003613
04:00	.2	-3.4	1.8	7.4	71.7	42.3	4.9	3.7	0.003945
05:00	1.1	-2.6	2.8	7.3	69.9	45.9	5.1	3.9	0.004197
06:00	2.1	-2.0	3.7	7.3	71.1	46.9	5.5	4.1	0.004507
07:00	2.6	-1.1	4.3	7.3	70.9	47.9	5.7	4.4	0.004685
08:00	3.3	.2	5.2	7.4	67.9	49.8	6.0	4.8	0.004929
09:00	3.8	2.4	6.3	7.4	60.9	54.4	6.1	5.6	0.005103
10:00	6.7	6.4	8.9	7.6	65.1	64.3	7.5	7.3	0.006269
11:00	8.2	8.0	10.2	7.7	69.1	68.9	8.3	8.2	0.006961
12:00	9.6	9.5	11.2	8.0	73.7	74.0	9.1	9.0	0.007652
13:00	10.2	10.1	11.8	8.2	73.9	74.4	9.4	9.3	0.007973
14:00	10.8	10.7	12.4	8.5	74.4	75.0	9.8	9.7	0.008292
15:00	11.4	11.4	12.8	8.8	77.4	77.8	10.2	10.2	0.008649
16:00	11.8	11.9	13.1	9.0	79.6	80.0	10.5	10.5	0.008901
17:00	12.3	12.4	13.4	9.2	81.9	82.1	10.7	10.8	0.009156
18:00	12.3	12.5	13.2	9.4	84.7	85.0	10.8	10.9	0.009169
19:00	12.1	12.2	12.9	9.5	86.7	87.1	10.6	10.8	0.009033
20:00	12.1	12.5	12.7	9.6	89.8	90.0	10.6	10.9	0.009022
21:00	12.0	12.5	12.6	9.7	90.9	90.7	10.6	11.0	0.009019
22:00	12.2	12.7	12.7	9.8	92.3	91.7	10.7	11.1	0.009096
23:00	12.3	12.8	12.7	9.8	93.1	91.3	10.8	11.2	0.009152
Avg	6.7	5.6	8.3	8.3	74.4	65.5	7.9	7.6	0.006661
Max	12.3	12.8	13.4	9.8	93.1	91.7	10.8	11.2	0.009169
Hr. of Max	23	23	17	23	23	22	23	23	18
Min	-1.8	-4.4	.9	7.3	56.8	35.7	4.2	3.4	0.003401
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)

2/11/2017

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	0.002827	5.4	4.5	.00	29.19	988.5	-2.4	.00	251.4
01:00	0.00294	5.6	4.7	.00	29.19	988.5	-2.0	.00	272.2
02:00	0.002976	5.6	4.7	.00	29.20	988.9	-2.4	.00	262.2
03:00	0.002998	5.7	4.7	.00	29.21	989.1	-2.3	.00	225.6
04:00	0.003044	6.2	4.8	.00	29.22	989.5	-2.7	.00	206.2
05:00	0.003224	6.6	5.1	.00	29.22	989.6	-2.3	.00	248.1
06:00	0.003366	7.1	5.3	.00	29.22	989.6	-2.3	.00	199.9
07:00	0.003592	7.4	5.7	.00	29.22	989.6	.9	.00	194.6
08:00	0.003955	7.8	6.3	.00	29.23	989.8	39.2	.06	227.7
09:00	0.004644	8.1	7.3	.00	29.23	989.9	77.8	.11	229.6
10:00	0.006146	9.9	9.7	.00	29.23	989.7	116.5	.17	231.1
11:00	0.006864	11.0	10.8	.00	29.22	989.7	131.5	.19	230.3
12:00	0.007588	12.0	11.9	.00	29.21	989.2	132.2	.19	232.7
13:00	0.007909	12.5	12.4	.00	29.19	988.5	157.6	.23	237.5
14:00	0.008243	13.0	12.9	.00	29.17	987.9	137.2	.20	225.7
15:00	0.008644	13.5	13.5	.00	29.16	987.5	67.6	.10	226.5
16:00	0.008938	13.9	14.0	.00	29.15	987.2	33.1	.05	228.2
17:00	0.009238	14.3	14.4	.00	29.14	986.8	8.7	.01	237.2
18:00	0.009283	14.3	14.5	.00	29.14	986.9	-1.3	.00	265.5
19:00	0.009139	14.1	14.3	.00	29.15	987.1	-2.3	.00	223.0
20:00	0.009284	14.1	14.5	.00	29.14	986.7	-2.0	.00	76.7
21:00	0.009323	14.1	14.6	.00	29.12	986.2	-1.8	.00	102.0
22:00	0.009432	14.2	14.7	.00	29.12	986.0	-2.0	.00	114.9
23:00	0.009498	14.3	14.8	.00	29.11	985.8	-2.4	.00	166.9
Avg	0.006379	10.4	10.0	.00	29.18	988.3	36.4	.05	223.0
Max	0.009498	14.3	14.8	.00	29.23	989.9	157.6	.23	272.2
Hr. of Max	23	23	23	23	10	09	13	13	01
Min	0.002827	5.4	4.5	.00	29.11	985.8	-2.7	.00	76.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/11/2017

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	268.0	261.4	249.7	257.1	15.9	10.4	8.6	4.0	7.2
01:00	279.1	272.2	269.5	267.2	17.5	11.6	8.6	4.3	7.6
02:00	278.1	276.0	260.8	271.0	20.5	13.3	10.7	2.8	5.6
03:00	256.9	257.0	228.9	252.3	36.5	13.0	10.1	2.6	5.1
04:00	258.8	261.6	219.8	257.1	14.9	10.7	8.2	2.3	4.0
05:00	238.5	253.4	225.0	248.8	20.7	13.5	6.9	.8	2.6
06:00	254.7	259.0	227.1	254.4	21.6	10.7	7.6	.9	3.2
07:00	257.8	259.6	234.4	255.0	21.2	11.7	8.1	.7	2.9
08:00	262.8	263.9	235.3	259.4	27.6	12.6	9.7	1.4	3.5
09:00	253.0	248.5	239.5	244.4	34.1	14.6	10.5	1.5	3.4
10:00	235.3	232.7	232.8	229.0	17.2	12.5	8.5	5.8	8.2
11:00	236.3	231.7	230.7	227.7	20.9	14.6	11.9	6.3	8.6
12:00	236.9	233.9	232.9	229.9	20.1	14.9	11.1	6.1	8.3
13:00	240.5	235.8	237.8	231.7	22.1	15.2	12.0	5.7	7.9
14:00	231.3	227.9	226.9	224.0	19.3	14.7	11.1	6.4	8.5
15:00	231.9	228.9	228.3	225.1	16.5	10.8	9.0	6.2	8.7
16:00	235.3	229.3	229.9	225.5	19.3	12.8	9.6	4.3	6.3
17:00	243.8	238.8	238.6	234.4	20.7	13.3	10.0	3.8	5.5
18:00	271.8	266.1	265.9	261.4	21.9	14.3	11.4	3.3	4.9
19:00	271.1	282.0	237.9	276.3	32.4	23.5	16.4	1.2	2.3
20:00	249.2	261.9	247.4	260.6	48.2	33.2	25.5	.2	.7
21:00	258.8	282.5	130.1	277.5	37.5	33.5	18.4	.2	.9
22:00	256.2	287.5	202.2	281.5	20.3	32.3	16.4	.1	1.0
23:00	235.9	267.9	223.4	262.4	25.0	19.3	18.1	.9	2.0
Avg	251.0	254.0	233.0	250.0	23.8	16.1	11.6	.0	.0
Max	279.1	287.5	269.5	281.5	48.2	33.5	25.5	6.4	8.7
Hr. of Max	01	22	01	22	20	21	20	14	15
Min	231.3	227.9	130.1	224.0	14.9	10.4	6.9	.1	.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/11/2017

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	10.4	4.1	7.3	10.5	4.5	10.8	1.0	1.3	.04
01:00	10.7	4.5	7.8	10.9	4.6	11.0	-.2	1.0	-.11
02:00	8.1	3.0	5.8	8.3	3.3	8.3	-.3	1.5	-.07
03:00	7.4	2.7	5.3	7.5	3.1	7.8	1.2	1.1	.04
04:00	6.3	2.3	4.0	6.4	2.7	6.6	2.1	1.2	.09
05:00	4.5	1.0	2.8	4.5	1.4	4.8	.4	.2	.01
06:00	5.5	1.0	3.3	5.6	1.6	5.8	1.4	.5	.03
07:00	4.9	.7	3.0	4.9	1.3	5.1	.7	.9	.02
08:00	5.2	1.5	3.5	5.3	2.1	5.6	1.9	.4	.05
09:00	5.2	1.7	3.6	5.4	2.1	5.7	2.7	.1	.05
10:00	9.9	6.0	8.4	10.0	6.4	10.6	-.7	-1.6	-.22
11:00	10.2	6.6	8.8	10.5	7.3	11.1	.1	-.7	-.18
12:00	10.3	6.4	8.5	10.5	7.2	11.1	.3	-1.3	-.17
13:00	9.3	6.0	8.2	9.5	6.8	10.1	-.3	-2.6	-.25
14:00	10.2	6.7	8.8	10.4	7.4	11.0	1.3	-1.3	-.02
15:00	9.9	6.4	8.8	10.0	6.9	10.5	-.5	-2.2	-.21
16:00	7.9	4.5	6.4	8.0	5.0	8.5	1.7	-1.3	.01
17:00	7.2	4.0	5.7	7.3	4.3	7.7	.6	-.5	-.08
18:00	6.4	3.5	5.1	6.6	3.8	6.8	-.2	-.3	-.13
19:00	4.0	1.6	2.6	4.1	2.0	4.2	2.1	.4	.01
20:00	1.4	.4	1.0	1.5	.9	1.7	1.2	-.1	.03
21:00	3.4	.6	1.3	3.6	1.0	3.6	4.7	2.8	.10
22:00	3.1	.1	1.2	3.2	.7	3.3	3.9	1.1	.06
23:00	2.9	1.0	2.2	3.0	1.6	3.2	2.1	1.8	.08
Avg	.0	3.2	5.1	7.0	3.7	7.3	1.1	.1	-.03
Max	10.7	6.7	8.8	10.9	7.4	11.1	4.7	2.8	.10
Hr. of Max	01	14	15	01	14	12	21	21	21
Min	1.4	.1	1.0	1.5	.7	1.7	-.7	-2.6	-.25
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/11/2017

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	.19	14.7	19.5	21.5	8.8	5.9	10.4	11.1
01:00	.13	11.9	21.1	28.2	12.3	6.3	10.5	11.0
02:00	.14	7.6	17.9	25.6	12.3	7.4	9.8	10.4
03:00	.11	7.3	10.8	13.3	11.3	5.6	9.3	10.2
04:00	.11	5.7	8.5	15.1	6.4	5.8	8.9	10.2
05:00	.00	3.7	5.3	7.6	6.8	4.4	8.6	10.1
06:00	.03	4.8	6.0	11.0	9.1	5.0	9.0	10.3
07:00	.06	3.0	7.1	9.8	10.7	5.5	9.6	10.4
08:00	.00	5.0	7.3	13.7	12.1	7.2	10.6	10.6
09:00	-.04	7.1	9.4	11.2	15.3	7.0	11.7	11.5
10:00	-.37	14.4	16.0	17.4	13.5	6.7	13.7	13.0
11:00	-.25	14.9	16.9	17.2	14.3	9.2	14.4	13.7
12:00	-.38	14.2	16.9	17.4	15.0	9.0	14.9	14.2
13:00	-.53	16.0	16.9	18.1	15.3	8.9	15.5	14.7
14:00	-.35	15.3	16.3	18.3	14.9	8.3	16.0	15.3
15:00	-.48	12.6	14.0	22.4	12.8	7.0	16.3	15.6
16:00	-.24	13.3	15.8	22.4	14.2	6.5	16.4	15.8
17:00	-.14	9.6	15.3	15.3	13.9	7.8	16.6	16.1
18:00	-.11	11.9	11.2	13.3	13.6	7.7	16.1	15.6
19:00	-.04	6.0	10.3	14.2	17.3	11.4	15.5	14.9
20:00	-.03	2.5	3.7	5.7	12.3	14.5	15.2	14.8
21:00	.12	2.5	5.0	8.5	19.4	13.3	15.1	15.2
22:00	.00	1.8	3.9	8.5	17.1	11.5	15.2	15.3
23:00	.08	3.9	5.7	11.7	11.6	9.9	15.3	15.3
Avg	-.08	8.7	11.7	15.3	12.9	8.0	13.1	13.1
Max	.19	16.0	21.1	28.2	19.4	14.5	16.6	16.1
Hr. of Max	00	13	01	01	21	20	17	17
Min	-.53	1.8	3.7	5.7	6.4	4.4	8.6	10.1
Count	24	24	24	24	24	24	24	24
Total								