Date Printed: 06/23/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/22/2017

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	21.0	22.6	22.8	23.0	1.56	1.75	2.00	.20	.45
01:00	20.8	22.3	22.6	22.9	1.51	1.83	2.09	.32	.58
02:00	20.6	22.0	22.4	22.5	1.46	1.77	1.95	.31	.49
03:00	20.3	21.6	22.0	22.2	1.26	1.72	1.90	.46	.64
04:00	20.3	21.0	21.6	22.0	.72	1.29	1.66	.57	.94
05:00	20.5	21.2	21.4	21.6	.74	.88	1.14	.14	.40
06:00	20.5	21.1	21.3	21.5	.62	.79	.95	.17	.33
07:00	20.8	20.9	21.2	21.3	.14	.42	.57	.28	.43
08:00	21.5	21.3	21.3	21.4	-.20	-.16	-.03	.04	.17
09:00	22.2	21.9	21.8	21.9	-.26	-.32	-.28	-.06	-.02
10:00	22.6	22.4	22.2	22.1	-.23	-.41	-.48	-.18	-.26
11:00	22.9	22.6	22.4	22.4	-.30	-.45	-.48	-.15	-.18
12:00	24.1	23.5	23.2	23.0	-.58	-.89	-1.04	-.31	-.45
13:00	24.4	24.0	23.8	23.6	-.38	-.61	-.74	-.23	-.37
14:00	24.3	23.9	23.7	23.6	-.39	-.61	-.70	-.23	-.31
15:00	24.7	24.3	24.1	24.0	-.34	-.59	-.68	-.25	-.34
16:00	24.4	24.2	24.0	23.9	-.22	-.40	-.47	-.19	-.26
17:00	23.8	23.7	23.5	23.5	-.09	-.23	-.29	-.14	-.20
18:00	23.5	23.4	23.3	23.3	-.05	-.17	-.22	-.12	-.17
19:00	23.2	23.2	23.1	23.1	.03	-.05	-.07	-.07	-.09
20:00	22.8	22.9	23.0	23.1	.11	.19	.25	.08	.14
21:00	22.6	23.0	23.1	23.2	.36	.50	.53	.14	.17
22:00	22.5	22.9	23.0	23.1	.38	.50	.59	.12	.21
23:00	22.7	23.1	23.1	23.2	.41	.46	.51	.05	.10
Avg	22.4	22.6	22.7	22.7	.26	.30	.36	.04	.10
Max	24.7	24.3	24.1	24.0	1.56	1.83	2.09	.57	.94
Hr. of Max	15	15	15	15	00	01	01	04	04
Min	20.3	20.9	21.2	21.3	-.58	-.89	-1.04	-.31	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/22/2017

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	19.6	19.9	20.1	24.2	93.9	87.2	16.9	17.1	0.014761
01:00	19.5	19.7	19.9	24.1	94.8	87.1	16.8	16.8	0.014678
02:00	19.5	19.6	19.8	24.0	95.5	88.0	16.7	16.8	0.014612
03:00	19.3	19.4	19.6	23.8	96.0	89.8	16.6	16.7	0.014451
04:00	19.3	19.6	19.6	23.7	96.1	93.6	16.6	16.8	0.014455
05:00	19.4	19.5	19.7	23.6	95.5	92.1	16.6	16.7	0.01453
06:00	19.3	19.4	19.7	23.5	95.2	92.1	16.6	16.6	0.014503
07:00	19.5	19.6	19.9	23.4	94.7	94.4	16.8	16.8	0.014653
08:00	20.2	20.4	20.6	23.3	95.1	97.0	17.5	17.6	0.015349
09:00	20.3	20.4	20.9	23.3	91.5	93.5	17.5	17.6	0.015408
10:00	20.7	20.6	21.3	23.2	91.2	92.1	17.9	17.8	0.015752
11:00	21.5	21.1	22.0	23.2	94.7	94.0	18.9	18.4	0.016648
12:00	20.9	20.3	21.9	23.3	84.5	84.3	18.1	17.4	0.015992
13:00	20.6	20.2	21.8	23.4	81.4	81.2	17.7	17.3	0.015697
14:00	21.6	21.1	22.5	23.5	87.3	86.7	18.9	18.4	0.016785
15:00	21.8	21.4	22.8	23.6	86.4	86.2	19.1	18.7	0.016993
16:00	21.9	21.8	22.7	23.7	88.6	89.0	19.2	19.1	0.017115
17:00	22.2	22.3	22.7	23.8	93.8	94.8	19.6	19.7	0.017465
18:00	22.1	22.3	22.5	23.8	94.3	96.1	19.4	19.7	0.017288
19:00	22.3	22.6	22.6	23.8	98.0	99.1	19.8	20.1	0.017599
20:00	22.0	22.3	22.3	23.8	98.1	99.3	19.5	19.8	0.017261
21:00	21.9	22.4	22.1	23.8	98.1	99.3	19.3	19.9	0.017091
22:00	21.8	22.3	22.0	23.7	98.2	99.3	19.2	19.8	0.016963
23:00	21.9	22.3	22.1	23.7	98.1	97.9	19.3	19.7	0.017085
Avg	20.8	20.9	21.3	23.6	93.4	92.3	18.1	18.1	0.015964
Max	22.3	22.6	22.8	24.2	98.2	99.3	19.8	20.1	0.017599
Hr. of Max	19	19	15	00	22	22	19	19	19
Min	19.3	19.4	19.6	23.2	81.4	81.2	16.6	16.6	0.014451
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)

6/22/2017

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	0.015076	22.9	23.4	.00	29.18	988.1	-2.6	.00	247.5
01:00	0.014802	22.8	23.0	.00	29.17	987.9	-2.5	.00	244.7
02:00	0.014733	22.7	22.8	.00	29.16	987.5	-2.4	.00	308.1
03:00	0.014613	22.4	22.7	.00	29.15	987.2	-2.8	.00	285.2
04:00	0.014715	22.4	22.8	.00	29.15	987.2	-2.3	.00	130.1
05:00	0.014655	22.5	22.7	.00	29.15	987.1	-2.4	.00	56.0
06:00	0.01458	22.5	22.6	.00	29.15	987.2	.7	.00	46.6
07:00	0.014736	22.7	22.9	.00	29.16	987.6	22.7	.03	159.3
08:00	0.015467	23.8	24.0	.00	29.18	988.3	84.6	.12	148.9
09:00	0.01549	23.9	24.0	.00	29.20	988.8	105.7	.15	172.4
10:00	0.015689	24.4	24.3	.03	29.21	989.1	153.1	.22	155.0
11:00	0.016239	25.8	25.2	.02	29.19	988.7	225.1	.32	74.2
12:00	0.015406	24.8	23.9	.00	29.18	988.2	504.4	.72	81.7
13:00	0.01532	24.3	23.7	.01	29.16	987.6	332.2	.48	118.2
14:00	0.016278	25.9	25.2	.01	29.14	986.9	337.6	.48	99.0
15:00	0.016621	26.2	25.7	.00	29.12	986.0	263.7	.38	87.2
16:00	0.016955	26.4	26.2	.02	29.10	985.5	173.1	.25	110.2
17:00	0.017544	26.9	27.0	.01	29.08	984.9	94.2	.14	90.7
18:00	0.017557	26.6	27.0	.02	29.07	984.5	55.0	.08	79.5
19:00	0.017827	27.1	27.4	.03	29.07	984.3	17.5	.03	68.6
20:00	0.017594	26.6	27.1	.00	29.06	984.1	3.7	.01	39.8
21:00	0.017686	26.3	27.2	.00	29.06	984.2	-2.2	.00	167.3
22:00	0.017563	26.1	27.0	.00	29.07	984.6	-2.7	.00	99.9
23:00	0.017485	26.3	26.9	.00	29.08	984.8	-2.8	.00	238.1
Avg	0.016026	24.7	24.8	.01	29.14	986.7	97.9	.14	111.0
Max	0.017827	27.1	27.4	.03	29.21	989.1	504.4	.72	308.1
Hr. of Max	19	19	19	19	10	10	12	12	02
Min	0.01458	22.4	22.6	.00	29.06	984.1	-2.8	.00	39.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/22/2017

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	242.7	221.0	249.7	216.9	13.1	7.2	7.1	1.9	3.6
01:00	239.8	226.5	248.7	222.2	22.1	6.5	5.5	1.5	3.1
02:00	235.5	212.9	283.1	208.7	39.7	25.0	15.7	.8	1.9
03:00	237.2	218.7	270.3	214.1	45.6	12.8	10.7	.5	1.8
04:00	282.7	269.7	252.8	264.5	26.5	24.2	10.2	.1	.5
05:00	59.4	38.9	32.0	30.3	17.4	11.5	23.5	1.0	1.9
06:00	66.9	74.9	346.7	67.1	20.5	8.7	7.1	.6	1.5
07:00	38.1	79.4	250.4	62.2	29.7	49.2	14.6	.3	.1
08:00	306.0	13.5	235.3	2.6	34.7	42.6	35.0	.4	.3
09:00	209.6	138.5	227.6	131.7	25.4	58.5	22.2	.6	.5
10:00	225.6	194.5	230.7	189.2	55.7	50.8	41.9	.3	.6
11:00	79.9	90.5	56.4	81.0	34.8	31.8	17.6	1.5	2.7
12:00	83.2	80.1	75.7	70.9	27.1	22.2	16.9	2.9	3.9
13:00	122.7	123.4	116.8	115.1	29.2	26.4	21.8	3.1	3.6
14:00	97.6	95.8	96.7	87.0	22.5	22.9	18.8	3.4	4.0
15:00	88.2	86.4	82.1	77.3	18.7	16.3	13.3	4.2	5.5
16:00	110.3	111.3	107.5	103.0	27.5	27.0	22.6	3.4	4.5
17:00	95.3	95.5	83.0	86.4	19.3	14.7	13.0	3.1	5.1
18:00	85.6	86.7	71.3	77.8	22.4	12.8	10.8	2.8	5.0
19:00	71.8	78.1	58.7	68.9	24.5	18.6	15.9	1.9	3.2
20:00	72.6	102.0	8.8	93.9	49.8	38.1	23.8	1.2	1.6
21:00	214.4	204.1	244.7	199.5	66.1	31.1	19.3	.2	1.5
22:00	221.1	208.4	244.6	203.3	56.0	30.6	17.4	.2	1.5
23:00	231.7	213.7	242.9	209.0	24.6	16.7	13.4	2.2	3.7
Avg	133.0	127.0	255.0	118.0	31.4	25.3	17.4	.0	.0
Max	306.0	269.7	346.7	264.5	66.1	58.5	41.9	4.2	5.5
Hr. of Max	08	04	06	04	21	09	10	15	15
Min	38.1	13.5	8.8	2.6	13.1	6.5	5.5	.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)

6/22/2017

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	4.9	2.0	3.7	5.0	2.3	5.3	-.9	-1.6	-.04
01:00	5.0	1.7	3.2	5.1	2.0	5.4	-.4	-1.1	-.01
02:00	3.5	.9	2.0	3.7	1.3	4.0	-1.2	-.4	-.04
03:00	3.1	.8	2.1	3.3	1.3	3.5	2.0	-.7	.04
04:00	2.6	.1	.6	2.6	.9	2.7	1.2	1.1	.02
05:00	1.8	1.1	1.9	2.0	1.3	2.3	1.5	2.0	.01
06:00	2.3	.6	1.5	2.3	1.1	2.5	.1	1.5	.00
07:00	.4	.4	.2	.4	1.3	.8	1.7	1.4	.02
08:00	.2	.4	.3	.3	1.0	.7	2.4	-2.7	.04
09:00	.7	.6	.5	1.0	1.4	1.2	1.8	-1.5	.04
10:00	1.0	.7	1.1	1.3	1.4	1.7	-.4	-4.2	-.04
11:00	3.4	1.7	2.9	3.5	2.1	3.8	6.8	3.1	.13
12:00	4.7	3.2	4.2	4.9	3.8	5.4	3.1	1.9	.08
13:00	3.9	3.6	4.0	4.3	4.2	4.8	1.2	3.0	.00
14:00	4.4	3.7	4.3	4.7	4.2	5.0	3.0	2.4	.14
15:00	6.7	4.4	5.8	7.0	5.0	7.4	3.4	2.2	.13
16:00	5.3	3.7	4.9	5.8	4.2	6.2	5.4	2.4	.22
17:00	5.9	3.2	5.2	6.0	3.9	6.4	4.6	3.5	.14
18:00	5.7	3.0	5.1	5.8	3.4	6.1	2.1	-.2	-.03
19:00	4.1	2.1	3.5	4.2	2.5	4.5	-.5	.2	-.07
20:00	2.2	1.5	2.0	2.8	1.9	3.1	-2.7	2.5	-.14
21:00	2.7	.5	1.7	2.9	1.2	3.1	1.1	-2.1	.02
22:00	3.0	.5	1.8	3.3	1.1	3.6	2.8	-.5	.02
23:00	5.0	2.4	3.9	5.2	2.8	5.5	-2.9	-3.4	-.19
Avg	.0	1.8	2.8	3.6	2.3	4.0	1.5	.4	.02
Max	6.7	4.4	5.8	7.0	5.0	7.4	6.8	3.5	.22
Hr. of Max	15	15	15	15	15	15	11	17	16
Min	.2	.1	.2	.3	.9	.7	-2.9	-4.2	-.19
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/22/2017

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	36_SonicTemp_015m	37_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	-.15	3.2	5.0	7.6	4.5	3.0	24.0	24.2
01:00	-.12	4.1	8.2	11.0	5.2	3.6	23.7	24.0
02:00	-.07	2.5	4.8	7.6	12.9	8.9	23.4	23.7
03:00	-.05	3.2	5.5	8.5	10.9	5.7	22.9	23.3
04:00	.04	1.6	4.1	5.0	8.8	5.5	22.4	23.1
05:00	.08	2.7	3.4	3.4	10.0	9.2	22.6	22.7
06:00	.07	2.3	4.1	4.4	9.6	4.3	22.5	22.6
07:00	.04	2.5	1.4	3.0	8.1	9.2	22.3	22.5
08:00	-.04	3.4	2.1	1.1	14.8	10.8	22.8	22.6
09:00	-.04	3.9	4.1	4.1	17.2	16.4	23.4	23.1
10:00	-.19	3.9	3.9	5.0	23.8	24.5	23.9	23.3
11:00	.06	5.7	6.6	7.6	23.0	15.2	24.2	23.6
12:00	.10	7.8	8.0	10.3	22.8	17.9	25.1	24.3
13:00	.18	13.5	15.8	15.6	16.9	15.7	25.5	24.9
14:00	.17	9.2	9.4	9.2	14.8	15.5	25.6	24.9
15:00	.20	11.2	11.7	14.7	16.9	12.2	26.0	25.3
16:00	.12	8.5	10.1	12.4	18.3	13.5	25.9	25.3
17:00	.29	8.9	11.0	11.9	18.6	11.2	25.4	24.8
18:00	-.05	12.1	13.5	12.6	19.7	8.9	25.2	24.7
19:00	-.02	8.7	9.4	9.6	18.3	10.7	24.9	24.5
20:00	.10	3.7	4.8	7.6	14.2	14.5	24.6	24.5
21:00	-.12	3.4	6.4	6.9	12.9	9.6	24.7	24.6
22:00	-.09	3.7	5.7	9.4	17.6	13.1	24.6	24.6
23:00	-.38	6.4	8.0	9.2	13.0	9.6	24.8	24.6
Avg	.01	5.7	7.0	8.2	14.7	11.2	24.2	24.0
Max	.29	13.5	15.8	15.6	23.8	24.5	26.0	25.3
Hr. of Max	17	13	13	13	10	10	15	16
Min	-.38	1.6	1.4	1.1	4.5	3.0	22.3	22.5
Count	24	24	24	24	24	24	24	24
Total								