Date Printed: 06/19/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2017

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	20.3	22.1	23.1	24.0	1.83	2.75	3.74	.92	1.91
01:00	19.8	22.8	23.2	23.5	2.92	3.36	3.60	.43	.68
02:00	19.9	21.7	22.4	23.1	1.79	2.50	3.16	.71	1.37
03:00	19.6	21.0	22.0	22.9	1.34	2.36	3.30	1.02	1.95
04:00	19.2	20.5	21.4	22.1	1.24	2.12	2.89	.88	1.65
05:00	19.3	20.8	21.5	22.1	1.51	2.23	2.79	.73	1.28
06:00	19.8	21.2	21.5	21.9	1.39	1.73	2.05	.34	.67
07:00	21.3	21.7	22.2	22.3	.38	.86	.96	.48	.58
08:00	23.8	23.4	23.2	23.1	-.43	-.67	-.79	-.24	-.36
09:00	25.4	24.6	24.3	24.2	-.83	-1.13	-1.28	-.30	-.45
10:00	27.0	26.0	25.6	25.5	-.99	-1.33	-1.47	-.34	-.48
11:00	27.5	26.6	26.3	26.1	-.89	-1.22	-1.39	-.33	-.50
12:00	29.2	27.8	27.4	27.3	-1.38	-1.81	-1.94	-.43	-.57
13:00	30.1	28.7	28.2	28.1	-1.48	-1.89	-2.03	-.41	-.55
14:00	30.7	29.3	28.9	28.7	-1.38	-1.82	-1.96	-.43	-.58
15:00	30.8	29.5	29.1	28.9	-1.26	-1.72	-1.87	-.47	-.62
16:00	30.9	29.8	29.4	29.2	-1.03	-1.46	-1.66	-.44	-.63
17:00	30.5	29.7	29.4	29.2	-.73	-1.09	-1.31	-.36	-.58
18:00	29.0	28.7	28.5	28.5	-.30	-.50	-.52	-.20	-.22
19:00	27.6	27.3	27.1	27.1	-.33	-.49	-.48	-.15	-.15
20:00	25.2	25.6	26.0	26.1	.43	.81	.93	.38	.50
21:00	23.6	25.0	25.7	26.0	1.41	2.09	2.42	.68	1.01
22:00	23.2	24.6	25.1	25.6	1.49	1.99	2.43	.50	.93
23:00	23.2	24.9	25.1	25.3	1.76	1.95	2.12	.19	.36
Avg	24.9	25.1	25.3	25.5	.27	.40	.57	.13	.30
Max	30.9	29.8	29.4	29.2	2.92	3.36	3.74	1.02	1.95
Hr. of Max	16	16	17	17	01	01	00	03	03
Min	19.2	20.5	21.4	21.9	-1.48	-1.89	-2.03	-.47	-.63
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2017

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	18.4	19.3	19.0	24.3	90.7	85.9	15.6	16.5	0.013745
01:00	18.4	20.1	18.9	24.1	93.5	87.0	15.7	17.3	0.013784
02:00	18.7	20.1	19.1	23.9	94.9	92.6	16.0	17.3	0.014058
03:00	18.7	20.1	19.0	23.8	96.4	97.0	16.0	17.4	0.014004
04:00	18.4	19.9	18.7	23.6	97.0	98.7	15.7	17.2	0.013739
05:00	18.4	20.0	18.7	23.5	97.1	97.9	15.8	17.3	0.013769
06:00	19.0	20.0	19.2	23.3	97.2	95.1	16.3	17.2	0.01424
07:00	19.9	19.7	20.4	23.2	94.1	90.4	17.2	16.9	0.015152
08:00	19.7	19.3	21.1	23.1	79.8	79.8	16.8	16.4	0.014956
09:00	19.6	19.3	21.5	23.1	72.0	74.0	16.6	16.3	0.014867
10:00	19.8	19.5	22.2	23.1	66.7	69.6	16.8	16.6	0.015071
11:00	20.2	20.0	22.6	23.3	66.4	68.9	17.2	17.0	0.015453
12:00	19.9	19.6	23.0	23.5	58.9	62.6	16.7	16.5	0.015165
13:00	19.7	19.5	23.2	23.8	55.2	59.3	16.5	16.4	0.015008
14:00	19.4	19.2	23.2	24.3	52.6	56.3	16.2	16.1	0.014779
15:00	18.9	18.6	22.9	24.6	50.6	53.5	15.7	15.5	0.014312
16:00	18.5	18.3	22.6	24.9	49.4	51.5	15.4	15.2	0.014006
17:00	18.6	18.5	22.5	25.0	50.6	52.3	15.4	15.4	0.014041
18:00	18.8	18.8	22.2	25.2	55.7	56.6	15.7	15.7	0.014239
19:00	19.5	19.5	22.2	25.2	63.1	64.2	16.5	16.5	0.014868
20:00	19.4	19.0	21.3	25.2	71.9	68.5	16.4	16.0	0.014671
21:00	19.3	19.7	20.7	25.1	78.5	74.2	16.4	16.8	0.014567
22:00	19.7	20.1	20.9	25.0	83.2	77.9	16.9	17.2	0.014991
23:00	20.1	20.1	21.1	24.9	85.1	76.6	17.3	17.2	0.015347
Avg	19.2	19.5	21.1	24.1	75.0	74.6	16.3	16.6	0.014535
Max	20.2	20.1	23.2	25.2	97.2	98.7	17.3	17.4	0.015453
Hr. of Max	11	23	14	20	06	04	23	03	11
Min	18.4	18.3	18.7	23.1	49.4	51.5	15.4	15.2	0.013739
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)

6/18/2017

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	0.014564	21.2	22.4	.00	28.94	980.0	-2.6	.00	41.2
01:00	0.015343	21.2	23.6	.00	28.92	979.5	-2.2	.00	252.8
02:00	0.015306	21.7	23.5	.00	28.93	979.7	-3.0	.00	223.3
03:00	0.015311	21.6	23.6	.00	28.95	980.5	-2.6	.00	238.3
04:00	0.015105	21.2	23.3	.00	28.98	981.4	-2.6	.00	247.0
05:00	0.015245	21.3	23.5	.00	29.00	982.0	-2.4	.00	255.0
06:00	0.015181	22.0	23.4	.00	29.02	982.8	14.1	.02	209.1
07:00	0.01489	23.4	23.0	.00	29.02	982.7	124.8	.18	146.0
08:00	0.014577	23.1	22.5	.00	29.02	982.8	351.1	.50	211.2
09:00	0.014545	22.9	22.5	.00	29.02	982.7	579.7	.83	222.9
10:00	0.014827	23.2	22.9	.00	29.00	982.2	688.5	.99	219.9
11:00	0.015217	23.8	23.5	.00	29.01	982.3	615.4	.88	230.3
12:00	0.014888	23.4	23.0	.00	28.99	981.8	1006.5	1.44	214.9
13:00	0.014797	23.1	22.8	.00	28.98	981.5	954.6	1.37	224.7
14:00	0.014608	22.8	22.5	.00	28.96	980.8	992.5	1.42	215.6
15:00	0.014081	22.0	21.7	.00	28.94	980.2	817.3	1.17	220.4
16:00	0.013788	21.6	21.3	.00	28.95	980.3	580.8	.83	218.4
17:00	0.013925	21.6	21.5	.00	28.94	980.0	465.0	.67	212.6
18:00	0.014211	21.9	21.9	.00	28.93	979.7	170.4	.24	229.5
19:00	0.01483	22.9	22.8	.00	28.93	979.9	107.7	.15	263.8
20:00	0.014344	22.6	22.1	.00	28.95	980.3	14.1	.02	277.2
21:00	0.014979	22.5	23.1	.00	28.97	981.2	-2.1	.00	236.8
22:00	0.015353	23.1	23.6	.00	28.99	981.7	-2.3	.00	214.3
23:00	0.015355	23.6	23.7	.00	28.99	981.9	-2.8	.00	219.0
Avg	0.014803	22.4	22.8	.00	28.97	981.2	310.8	.45	227.0
Max	0.015355	23.8	23.7	.00	29.02	982.8	1006.5	1.44	277.2
Hr. of Max	23	11	23	23	09	08	12	12	20
Min	0.013788	21.2	21.3	.00	28.92	979.5	-3.0	.00	41.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2017

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	253.3	175.8	314.9	171.6	62.5	34.2	12.9	.2	.1
01:00	220.1	200.8	253.9	196.3	13.8	10.5	8.4	2.5	4.0
02:00	258.9	257.2	246.5	252.5	45.7	23.8	13.2	1.0	1.7
03:00	252.1	263.3	250.7	258.2	62.2	23.5	6.3	1.2	1.9
04:00	232.2	237.0	251.5	232.4	46.5	8.6	5.2	1.2	2.7
05:00	248.3	223.5	259.0	219.4	35.6	10.2	6.3	1.2	3.2
06:00	238.6	242.1	214.5	237.3	16.4	12.8	6.4	2.1	2.5
07:00	262.8	258.6	216.8	253.9	34.1	17.8	13.2	.1	2.0
08:00	229.0	229.7	218.5	224.7	30.6	22.9	17.9	2.4	3.4
09:00	233.7	230.3	225.6	225.4	25.3	19.3	19.0	4.3	5.6
10:00	230.8	228.8	223.4	223.9	35.4	26.5	23.4	3.8	4.9
11:00	241.7	239.3	232.8	235.1	31.4	20.2	17.8	4.4	5.9
12:00	222.6	222.2	215.6	218.1	30.7	22.0	19.3	5.3	7.2
13:00	231.6	228.4	225.5	224.0	29.0	24.0	18.9	6.1	8.2
14:00	222.3	219.1	216.0	214.9	26.7	20.6	16.2	6.7	9.1
15:00	227.3	227.1	221.2	223.0	26.5	21.0	18.1	6.3	8.6
16:00	227.0	224.5	220.4	220.7	26.8	19.6	14.8	7.2	10.1
17:00	220.8	218.0	213.4	214.1	25.5	18.6	15.1	6.7	9.2
18:00	234.7	232.3	229.2	228.1	22.6	16.3	11.5	4.7	7.5
19:00	271.6	266.7	263.6	261.0	22.0	14.2	10.9	2.8	4.4
20:00	222.1	219.8	266.8	214.9	39.2	14.7	12.7	.8	1.3
21:00	247.1	230.4	241.3	226.3	17.5	8.7	7.7	1.9	4.0
22:00	230.9	225.6	227.8	221.3	38.4	10.4	7.8	1.5	2.6
23:00	213.2	202.6	236.9	198.0	46.9	13.5	9.7	1.4	3.5
Avg	236.0	229.0	235.0	225.0	33.0	18.1	13.0	.0	.0
Max	271.6	266.7	314.9	261.0	62.5	34.2	23.4	7.2	10.1
Hr. of Max	19	19	00	19	00	00	10	16	16
Min	213.2	175.8	213.4	171.6	13.8	8.6	5.2	.1	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2017

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	3.0	.3	.5	3.1	.7	3.3	.2	-.3	.00
01:00	5.6	2.5	4.1	5.7	2.8	5.9	-.3	-2.4	-.03
02:00	4.0	1.2	1.8	4.5	1.7	4.7	.8	1.3	.00
03:00	4.2	1.3	2.2	4.2	1.8	4.4	.8	1.8	.01
04:00	3.4	1.2	2.7	3.5	1.7	3.7	.9	.8	.01
05:00	4.9	1.3	3.3	5.1	1.7	5.4	.6	-1.2	.00
06:00	4.2	2.2	2.6	4.2	2.5	4.5	.5	-.4	.02
07:00	3.6	.5	2.1	3.8	1.1	4.0	.5	.7	.00
08:00	4.2	2.9	3.7	4.4	3.5	4.8	1.2	-2.7	-.05
09:00	5.9	4.8	6.0	6.2	5.4	6.8	-2.0	-4.0	-.32
10:00	5.5	4.4	5.4	6.0	5.1	6.6	.3	-1.2	-.18
11:00	6.9	5.0	6.3	7.3	5.5	7.9	.8	.2	-.14
12:00	8.2	6.1	7.8	8.7	6.6	9.4	.7	-.9	-.09
13:00	9.6	6.9	8.9	10.1	7.5	10.8	1.0	-1.0	-.20
14:00	10.9	7.5	9.7	11.4	8.2	12.0	.8	-.5	-.17
15:00	10.1	6.9	9.1	10.6	7.6	11.3	1.3	-.6	-.15
16:00	12.2	7.9	10.6	12.5	8.5	13.3	.8	-1.1	-.18
17:00	11.1	7.3	9.7	11.5	7.9	12.2	1.3	.0	-.13
18:00	10.0	5.3	8.0	10.5	6.0	11.1	1.5	-.2	-.03
19:00	6.1	3.0	4.6	6.3	3.4	6.5	-2.1	-.9	-.24
20:00	1.9	1.1	1.5	2.1	1.6	2.3	.4	-1.3	.00
21:00	6.2	2.2	4.1	6.4	2.5	6.7	-.3	-1.5	-.03
22:00	4.8	1.7	2.7	5.1	2.0	5.4	1.7	-.4	.06
23:00	5.1	1.6	3.6	5.2	2.1	5.5	-.3	-2.1	-.05
Avg	.0	3.5	5.0	6.6	4.1	7.0	.5	-.7	-.08
Max	12.2	7.9	10.6	12.5	8.5	13.3	1.7	1.8	.06
Hr. of Max	16	16	16	16	16	16	22	03	22
Min	1.9	.3	.5	2.1	.7	2.3	-2.1	-4.0	-.32
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2017

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	-.05	2.1	3.4	7.6	8.8	8.8	23.4	25.3
01:00	-.26	5.0	8.2	11.2	7.8	5.7	24.2	24.7
02:00	.10	3.4	4.4	14.0	9.1	5.5	23.2	24.3
03:00	.15	5.7	6.6	13.1	9.6	3.2	22.4	24.1
04:00	.05	3.0	3.9	6.6	5.2	1.8	21.8	23.4
05:00	-.12	4.4	6.4	8.2	8.0	2.7	22.1	23.3
06:00	-.04	5.3	8.5	11.0	3.5	3.0	22.6	23.0
07:00	-.01	5.0	5.5	8.2	14.7	9.3	23.1	23.4
08:00	-.29	9.6	9.6	11.0	20.5	16.7	24.7	24.0
09:00	-.57	11.2	12.8	11.7	16.3	15.2	25.8	25.0
10:00	-.13	12.1	14.4	12.8	21.1	18.5	27.2	26.3
11:00	-.17	13.3	14.2	16.0	18.9	13.8	27.9	27.0
12:00	-.26	16.5	17.2	16.7	19.1	13.7	28.9	28.0
13:00	-.42	20.4	25.4	25.0	19.0	13.9	29.8	28.8
14:00	-.33	19.5	23.8	22.9	17.9	12.6	30.4	29.4
15:00	-.31	16.0	16.9	18.3	17.6	11.5	30.5	29.5
16:00	-.42	17.9	19.9	20.6	17.4	9.9	30.8	29.8
17:00	-.23	17.4	20.2	30.7	18.1	10.6	30.7	29.9
18:00	-.15	17.2	18.3	19.7	17.3	8.6	29.9	29.3
19:00	-.16	9.4	16.3	15.3	14.8	7.6	28.7	28.1
20:00	-.02	3.0	9.6	14.7	8.2	5.7	26.9	27.2
21:00	-.19	5.0	6.9	9.4	6.9	4.0	26.4	27.2
22:00	-.06	3.0	7.3	13.1	7.0	4.3	26.1	26.8
23:00	-.22	5.0	7.8	14.2	11.3	6.2	26.4	26.5
Avg	-.17	9.6	12.0	14.7	13.3	8.9	26.4	26.4
Max	.15	20.4	25.4	30.7	21.1	18.5	30.8	29.9
Hr. of Max	03	13	13	17	10	10	16	17
Min	-.57	2.1	3.4	6.6	3.5	1.8	21.8	23.0
Count	24	24	24	24	24	24	24	24
Total								