Date Printed: 06/03/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/2/2017

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	15.6	16.3	16.6	16.8	.69	1.05	1.28	.36	.59
01:00	15.3	16.3	16.5	17.1	.94	1.19	1.76	.25	.82
02:00	15.1	16.0	16.3	16.5	.95	1.19	1.44	.24	.49
03:00	14.7	15.5	15.8	16.0	.83	1.16	1.28	.33	.45
04:00	15.0	15.5	15.6	15.6	.52	.58	.67	.05	.15
05:00	15.0	15.1	15.2	15.4	.07	.15	.35	.08	.28
06:00	15.5	15.4	15.4	15.5	-.07	-.06	-.03	.00	.04
07:00	16.0	15.8	15.8	15.8	-.18	-.25	-.26	-.07	-.08
08:00	17.2	16.8	16.6	16.6	-.38	-.55	-.55	-.17	-.17
09:00	18.5	18.0	17.6	17.7	-.53	-.88	-.78	-.35	-.25
10:00	21.0	20.2	19.0	19.4	-.83	-2.03	-1.57	-1.20	-.74
11:00	23.5	22.7	22.2	21.7	-.75	-1.23	-1.71	-.48	-.96
12:00	25.3	24.5	24.1	23.9	-.88	-1.25	-1.40	-.37	-.53
13:00	26.8	25.9	25.5	25.3	-.83	-1.24	-1.44	-.41	-.61
14:00	27.6	26.8	26.4	26.1	-.87	-1.26	-1.48	-.39	-.61
15:00	28.0	27.2	26.8	26.7	-.79	-1.18	-1.32	-.39	-.54
16:00	28.1	27.5	27.2	27.0	-.61	-.96	-1.13	-.34	-.51
17:00	28.2	27.7	27.5	27.3	-.47	-.76	-.92	-.29	-.46
18:00	27.9	27.7	27.5	27.4	-.14	-.37	-.49	-.24	-.35
19:00	24.8	26.6	27.0	27.1	1.71	2.13	2.24	.41	.53
20:00	21.8	24.3	25.4	25.7	2.57	3.61	3.91	1.03	1.34
21:00	19.7	22.4	22.9	23.4	2.68	3.15	3.65	.46	.97
22:00	18.6	20.9	21.2	22.7	2.30	2.53	4.03	.23	1.73
23:00	17.8	19.6	20.3	21.8	1.77	2.45	4.03	.68	2.26
Avg	20.7	21.0	21.0	21.2	.32	.30	.48	-.02	.16
Max	28.2	27.7	27.5	27.4	2.68	3.61	4.03	1.03	2.26
Hr. of Max	17	18	18	18	21	20	23	20	23
Min	14.7	15.1	15.2	15.4	-.88	-2.03	-1.71	-1.20	-.96
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/2/2017

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	15.0	16.1	15.2	20.7	97.8	101.0	12.8	13.7	0.010924
01:00	14.7	16.1	14.9	20.6	97.9	101.0	12.6	13.7	0.010744
02:00	14.5	15.9	14.7	20.5	97.8	101.0	12.4	13.6	0.01059
03:00	14.1	15.4	14.3	20.4	97.8	100.9	12.1	13.1	0.01032
04:00	14.4	15.4	14.6	20.3	97.8	101.0	12.3	13.1	0.010512
05:00	14.4	15.0	14.6	20.2	97.9	101.0	12.4	12.8	0.010557
06:00	14.9	15.3	15.1	20.1	97.9	101.0	12.7	13.1	0.010865
07:00	15.4	15.7	15.6	20.0	98.0	101.0	13.2	13.4	0.011244
08:00	16.5	16.6	16.8	19.9	98.1	100.9	14.1	14.2	0.0121
09:00	17.3	17.1	17.7	19.9	94.5	96.7	14.7	14.6	0.01268
10:00	16.9	16.2	18.3	19.9	79.4	79.8	14.3	13.7	0.012427
11:00	16.5	15.7	18.8	20.0	66.5	65.8	13.8	13.1	0.012109
12:00	16.6	15.8	19.5	20.1	59.9	59.8	13.8	13.1	0.012208
13:00	14.6	13.6	18.7	20.4	48.7	47.8	12.2	11.4	0.010804
14:00	13.5	12.4	18.2	20.7	43.1	41.9	11.3	10.5	0.010082
15:00	13.4	12.1	18.3	20.9	41.8	40.2	11.2	10.3	0.009991
16:00	13.0	11.8	18.0	21.1	40.5	38.7	10.9	10.1	0.009744
17:00	12.8	11.6	17.9	21.3	39.8	37.8	10.8	10.0	0.009628
18:00	14.1	12.6	18.7	21.4	44.1	40.4	11.7	10.7	0.010453
19:00	16.4	13.9	19.2	21.5	61.0	47.1	13.7	11.6	0.012083
20:00	16.6	14.2	18.3	21.6	73.8	54.3	13.9	11.9	0.012169
21:00	16.1	15.5	17.3	21.6	81.3	66.6	13.6	13.0	0.011823
22:00	16.2	15.7	17.0	21.6	87.4	73.6	13.7	13.2	0.011853
23:00	15.8	15.4	16.4	21.5	89.4	78.3	13.4	13.0	0.011518
Avg	15.2	14.8	17.0	20.7	76.3	74.1	12.8	12.5	0.011143
Max	17.3	17.1	19.5	21.6	98.1	101.0	14.7	14.6	0.01268
Hr. of Max	09	09	12	22	08	07	09	09	09
Min	12.8	11.6	14.3	19.9	39.8	37.8	10.8	10.0	0.009628
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/2/2017

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	0.011782	17.0	18.4	.00	29.16	987.5	-1.8	.00	6.2
01:00	0.011782	16.8	18.4	.00	29.16	987.4	-2.0	.00	63.4
02:00	0.011618	16.5	18.1	.00	29.15	987.1	-1.9	.00	49.8
03:00	0.011224	16.1	17.5	.00	29.16	987.4	-1.9	.00	119.5
04:00	0.011227	16.4	17.5	.00	29.17	987.7	-2.0	.00	61.9
05:00	0.010946	16.5	17.1	.00	29.17	988.0	-2.2	.00	193.6
06:00	0.011164	17.0	17.4	.00	29.19	988.6	7.9	.01	74.0
07:00	0.011453	17.6	17.9	.00	29.20	989.0	73.7	.11	346.1
08:00	0.012151	18.9	19.0	.00	29.21	989.4	210.3	.30	31.2
09:00	0.012547	19.8	19.6	.00	29.22	989.5	509.3	.73	99.0
10:00	0.01185	19.4	18.5	.00	29.21	989.3	745.2	1.07	96.5
11:00	0.011459	18.9	17.9	.00	29.21	989.1	891.1	1.28	78.2
12:00	0.011567	19.0	18.1	.00	29.20	988.9	991.6	1.42	94.0
13:00	0.010081	16.9	15.8	.00	29.18	988.2	971.3	1.39	79.1
14:00	0.009317	15.8	14.6	.00	29.17	987.8	992.6	1.42	91.7
15:00	0.009161	15.6	14.3	.00	29.15	987.1	893.5	1.28	81.5
16:00	0.008985	15.2	14.0	.00	29.13	986.7	505.2	.72	113.3
17:00	0.008896	15.0	13.9	.00	29.12	986.3	494.9	.71	81.9
18:00	0.009503	16.3	14.8	.00	29.11	985.9	305.1	.44	62.5
19:00	0.010332	18.8	16.1	.00	29.11	985.8	167.2	.24	11.4
20:00	0.010452	18.9	16.3	.00	29.12	986.1	15.3	.02	.9
21:00	0.011403	18.4	17.8	.00	29.13	986.4	-3.0	.00	41.6
22:00	0.011516	18.5	17.9	.00	29.14	987.0	-2.6	.00	54.2
23:00	0.01127	17.9	17.6	.00	29.15	987.2	-2.5	.00	68.1
Avg	0.010904	17.4	17.0	.00	29.16	987.6	323.1	.46	66.0
Max	0.012547	19.8	19.6	.00	29.22	989.5	992.6	1.42	346.1
Hr. of Max	09	09	09	23	09	09	14	14	07
Min	0.008896	15.0	13.9	.00	29.11	985.8	-3.0	.00	.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/2/2017

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	26.5	59.2	315.1	24.6	48.9	21.3	4.0	.3	.6
01:00	56.7	39.3	17.9	27.9	18.5	15.0	17.7	.4	1.3
02:00	60.5	72.8	320.8	64.5	10.0	7.5	11.4	.3	.9
03:00	60.0	74.7	259.5	66.0	25.3	24.0	7.2	.1	.4
04:00	55.2	62.3	34.4	53.5	9.5	12.1	9.3	.8	2.1
05:00	279.9	250.2	243.7	253.5	45.0	45.7	51.5	.9	.6
06:00	63.5	60.9	59.5	51.7	17.1	23.1	18.8	.9	1.9
07:00	290.3	74.5	285.6	36.8	56.9	41.8	48.7	.3	.7
08:00	22.9	45.4	358.2	34.2	32.1	31.6	29.4	.8	1.5
09:00	93.1	80.3	98.6 +	71.2	26.0	29.8	26.1	2.0	2.0
10:00	88.5	77.1	94.4	66.6	34.1	34.5	28.1	2.0	2.0
11:00	75.6	67.1	73.4	57.5	34.2	32.9	28.8	2.5	3.1
12:00	92.4	86.1	89.6	77.6	29.7	28.5	24.1	3.6	4.4
13:00	67.3	61.3	72.5	51.4	31.5	29.3	26.2	3.9	4.7
14:00	82.6	76.7	86.7	67.4	38.3	34.6	31.4	3.0	3.6
15:00	68.0	59.8	75.1	47.0	45.8	45.3	46.2	1.3	1.8
16:00	114.8	109.4	111.1	100.4	50.0	46.8	43.1	2.6	3.1
17:00	81.4	77.5	77.3	67.3	46.9	47.3	36.8	1.7	2.0
18:00	61.6	57.8	37.4	48.1	48.6	38.4	31.9	.8	1.4
19:00	39.8	54.2	346.3	45.6	32.2	21.4	30.2	1.1	2.3
20:00	40.5	68.4	306.3	60.5	35.4	12.1	11.7	.5	1.3
21:00	57.2	62.5	13.5	54.2	16.2	11.5	7.6	1.0	1.8
22:00	70.6	59.2	37.7	50.6	20.4	15.1	8.7	1.3	2.4
23:00	72.8	63.8	57.2	55.2	30.7	17.7	8.0	1.2	3.0
Avg	62.0	67.0	38.0	54.0	32.6	27.8	24.5	.0	.0
Max	290.3	250.2	358.2	253.5	56.9	47.3	51.5	3.9	4.7
Hr. of Max	07	05	08	05	07	17	05	13	13
Min	22.9	39.3	13.5	24.6	9.5	7.5	4.0	.1	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/2/2017

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	.5	.5	.6	.6	1.0	1.0	1.1	.3	.02
01:00	1.4	.4	1.7	1.6	.9	1.8	.4	1.8	.00
02:00	1.4	.3	.9	1.4	.8	1.7	1.5	-.2	.02
03:00	1.3	.5	.5	1.3	1.1	1.6	2.4	.2	.04
04:00	2.7	.8	2.1	2.8	1.1	3.0	-1.8	-.9	-.06
05:00	.1	.9	.8	.6	1.4	1.0	2.8	1.4	.06
06:00	2.5	1.0	2.1	2.6	1.4	2.8	.3	-1.8	-.01
07:00	.7	.8	1.2	1.3	1.3	1.6	-.6	-6.0	-.06
08:00	1.2	1.1	1.7	1.4	1.5	1.8	-.4	-7.8	-.01
09:00	2.1	2.2	2.2	2.3	2.6	2.7	2.1	-1.3	.10
10:00	2.2	2.4	2.4	2.5	2.9	3.0	-.5	-1.2	-.02
11:00	3.5	3.0	3.5	3.8	3.6	4.4	-1.2	1.8	-.13
12:00	4.7	4.0	4.8	5.1	4.6	5.7	-.7	-1.2	-.07
13:00	5.3	4.5	5.5	6.1	5.2	6.7	-.1	2.0	-.05
14:00	4.2	3.7	4.4	4.9	4.3	5.6	2.6	.3	.12
15:00	2.3	3.0	3.4	3.6	3.7	4.3	-.9	-2.9	-.07
16:00	3.7	3.4	3.9	4.3	4.1	4.9	.5	-1.7	-.01
17:00	2.2	2.8	3.2	3.6	3.1	4.2	.1	-3.7	-.15
18:00	1.9	1.7	2.3	2.7	2.2	3.2	6.4	7.3	.21
19:00	2.7	1.3	2.5	2.9	1.8	3.2	-.7	3.4	-.07
20:00	1.6	.5	1.3	1.6	1.0	1.8	-3.1	2.1	-.07
21:00	2.4	1.0	1.9	2.4	1.3	2.6	2.4	2.6	.05
22:00	3.4	1.4	2.5	3.5	1.6	3.7	1.5	.9	.02
23:00	5.9	1.5	3.3	6.0	1.8	6.2	.8	1.1	-.01
Avg	.0	1.8	2.4	2.9	2.3	3.3	.6	-.1	-.01
Max	5.9	4.5	5.5	6.1	5.2	6.7	6.4	7.3	.21
Hr. of Max	23	13	13	13	13	13	18	18	18
Min	.1	.3	.5	.6	.8	1.0	-3.1	-7.8	-.15
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/2/2017

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	.01	2.7	2.5	2.5	5.5	4.6	17.3	17.7
01:00	.06	2.1	3.4	4.1	10.6	6.2	17.4	18.0
02:00	.01	2.3	2.7	2.7	6.1	5.3	17.1	17.3
03:00	.00	2.3	2.3	3.0	6.8	4.0	16.5	16.7
04:00	-.04	3.2	4.6	4.6	14.0	5.7	16.6	16.3
05:00	.02	3.0	2.3	3.4	10.4	8.4	16.1	16.0
06:00	-.10	4.1	4.8	6.4	18.5	8.1	16.5	16.1
07:00	-.12	4.1	5.3	5.0	22.6	22.0	17.0	16.4
08:00	-.25	8.9	10.1	7.3	29.5	24.2	18.1	17.5
09:00	.07	5.0	5.0	5.3	22.0	24.3	19.4	18.8
10:00	-.06	6.6	6.4	5.7	25.3	26.5	21.5	20.8
11:00	.00	8.5	8.9	8.7	26.1	27.4	23.8	23.0
12:00	-.01	9.8	11.7	10.3	19.5	20.7	25.5	24.6
13:00	.16	14.0	15.1	13.5	22.4	18.3	26.7	25.7
14:00	.12	11.2	14.2	12.1	23.6	24.0	27.4	26.4
15:00	-.10	8.2	8.9	10.3	26.1	27.9	27.7	26.9
16:00	.02	9.2	10.3	10.8	22.7	23.6	28.0	27.2
17:00	-.30	8.7	8.2	8.0	26.7	24.7	28.3	27.5
18:00	.38	5.7	6.4	6.0	25.1	23.8	28.4	27.7
19:00	.13	3.2	5.5	10.8	16.0	14.8	27.3	27.4
20:00	.07	2.3	3.7	4.6	9.0	6.7	25.1	26.3
21:00	.12	3.0	3.0	3.7	6.7	3.0	23.3	24.2
22:00	.06	3.2	4.1	6.2	9.4	3.6	21.9	23.4
23:00	.12	3.4	5.7	8.7	10.5	2.8	20.5	22.5
Avg	.02	5.6	6.5	6.8	17.3	15.0	22.0	21.9
Max	.38	14.0	15.1	13.5	29.5	27.9	28.4	27.7
Hr. of Max	18	13	13	13	08	15	18	18
Min	-.30	2.1	2.3	2.5	5.5	2.8	16.1	16.0
Count	24	24	24	24	24	24	24	24
Total								