Date Printed: 06/09/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/8/2017

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	14.3	16.2	17.4	17.7	1.88	3.05	3.38	1.17	1.50
01:00	13.6	15.3	16.1	16.6	1.68	2.54	2.99	.85	1.31
02:00	13.5	14.9	15.5	15.8	1.40	1.98	2.38	.58	.98
03:00	14.0	15.3	15.5	15.7	1.29	1.45	1.67	.15	.37
04:00	13.7	14.7	15.3	15.6	.98	1.60	1.87	.62	.89
05:00	13.3	13.9	14.7	15.2	.66	1.43	1.93	.77	1.27
06:00	13.5	14.1	14.4	14.7	.53	.87	1.18	.34	.65
07:00	14.5	14.4	14.6	14.7	-.03	.10	.21	.13	.24
08:00	15.8	15.5	15.3	15.3	-.30	-.49	-.54	-.19	-.24
09:00	17.5	17.0	16.8	16.6	-.50	-.79	-.90	-.29	-.40
10:00	19.7	19.1	18.8	18.7	-.61	-.91	-1.05	-.30	-.44
11:00	21.5	20.5	20.2	20.1	-1.01	-1.35	-1.48	-.33	-.46
12:00	22.7	21.8	21.5	21.3	-.93	-1.24	-1.40	-.31	-.47
13:00	24.0	22.7	22.4	22.2	-1.30	-1.63	-1.75	-.33	-.45
14:00	24.2	23.1	22.7	22.5	-1.15	-1.57	-1.71	-.41	-.56
15:00	23.6	22.9	22.7	22.6	-.63	-.88	-.98	-.25	-.35
16:00	24.3	23.4	23.1	23.0	-.82	-1.13	-1.25	-.31	-.43
17:00	24.4	23.7	23.4	23.3	-.63	-.91	-1.08	-.29	-.46
18:00	24.4	23.7	23.4	23.3	-.65	-.96	-1.10	-.31	-.46
19:00	23.1	22.9	22.7	22.6	-.20	-.40	-.45	-.20	-.25
20:00	20.0	21.6	21.8	21.9	1.58	1.78	1.90	.21	.32
21:00	17.1	19.2	20.6	21.0	2.08	3.47	3.87	1.40	1.79
22:00	15.8	18.4	19.1	19.6	2.56	3.27	3.78	.71	1.22
23:00	14.8	16.8	17.6	18.4	2.04	2.80	3.66	.75	1.61
Avg	18.5	18.8	19.0	19.1	.33	.50	.63	.17	.30
Max	24.4	23.7	23.4	23.3	2.56	3.47	3.87	1.40	1.79
Hr. of Max	18	18	18	18	22	21	21	21	21
Min	13.3	13.9	14.4	14.7	-1.30	-1.63	-1.75	-.41	-.56
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/8/2017

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	11.4	10.8	12.4	21.3	83.8	71.7	10.2	9.8	0.008665
01:00	11.5	11.1	12.2	21.2	88.6	77.5	10.3	10.0	0.008728
02:00	11.8	11.4	12.4	21.0	91.0	80.7	10.5	10.1	0.00892
03:00	12.4	11.7	12.9	20.8	91.0	79.9	10.9	10.3	0.009262
04:00	12.4	11.9	12.8	20.7	92.8	84.7	10.9	10.5	0.009258
05:00	12.4	12.1	12.7	20.5	95.6	90.2	10.9	10.7	0.009258
06:00	12.6	12.4	12.9	20.4	95.3	91.0	11.0	10.9	0.00938
07:00	12.8	12.2	13.4	20.2	91.4	87.7	11.2	10.7	0.009543
08:00	12.5	12.1	13.6	20.1	82.1	81.6	10.9	10.7	0.009353
09:00	12.6	11.8	14.2	20.0	73.9	72.7	10.9	10.4	0.009388
10:00	12.9	12.0	15.2	20.0	66.2	64.5	11.1	10.4	0.009642
11:00	13.0	11.8	15.8	20.0	59.4	58.6	11.1	10.3	0.009677
12:00	12.6	11.6	15.9	20.2	53.9	53.5	10.8	10.1	0.009434
13:00	12.7	11.6	16.5	20.4	50.5	50.6	10.8	10.1	0.009564
14:00	12.3	11.5	16.3	20.7	48.5	49.1	10.6	10.0	0.009327
15:00	12.4	11.8	16.1	21.0	50.7	50.6	10.6	10.2	0.009361
16:00	12.2	11.3	16.2	21.1	48.1	47.5	10.5	9.9	0.009273
17:00	11.9	11.2	16.1	21.3	46.9	46.2	10.3	9.8	0.009098
18:00	11.5	10.8	15.8	21.4	45.6	45.1	10.0	9.6	0.008849
19:00	11.5	10.8	15.4	21.4	49.3	47.3	10.1	9.6	0.008842
20:00	12.5	10.8	15.0	21.5	63.8	51.4	10.8	9.6	0.009416
21:00	12.7	11.8	14.2	21.4	76.6	63.6	11.0	10.3	0.009495
22:00	12.8	12.2	13.8	21.3	83.3	68.5	11.1	10.6	0.009518
23:00	12.6	12.4	13.3	21.2	88.1	76.4	11.0	10.8	0.009393
Avg	12.3	11.6	14.4	20.8	71.5	66.3	10.7	10.2	0.009277
Max	13.0	12.4	16.5	21.5	95.6	91.0	11.2	10.9	0.009677
Hr. of Max	11	23	13	20	05	06	07	06	11
Min	11.4	10.8	12.2	20.0	45.6	45.1	10.0	9.6	0.008665
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/8/2017

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	0.00836	13.5	13.0	.00	29.02	982.6	-2.8	.00	14.0
01:00	0.008517	13.6	13.3	.00	29.01	982.5	-2.8	.00	38.8
02:00	0.008657	13.9	13.5	.00	29.00	982.2	-2.7	.00	65.4
03:00	0.008841	14.4	13.8	.00	28.99	981.8	-2.9	.00	44.9
04:00	0.009004	14.4	14.0	.00	28.98	981.5	-2.7	.00	351.4
05:00	0.009117	14.4	14.2	.00	28.99	981.7	-3.1	.00	217.9
06:00	0.009272	14.6	14.4	.00	29.00	982.2	5.2	.01	181.8
07:00	0.009149	14.8	14.2	.00	29.02	982.6	67.3	.10	202.5
08:00	0.00912	14.6	14.2	.00	29.03	983.0	172.1	.25	30.4
09:00	0.008937	14.6	13.9	.00	29.03	983.3	470.2	.67	113.0
10:00	0.009044	15.0	14.1	.00	29.03	983.2	573.2	.82	150.0
11:00	0.008974	15.1	14.0	.00	29.03	983.0	853.8	1.22	244.1
12:00	0.008843	14.7	13.8	.00	29.02	982.7	810.3	1.16	235.4
13:00	0.008864	14.9	13.8	.00	29.01	982.3	1035.9	1.49	222.2
14:00	0.008798	14.5	13.7	.00	29.00	982.0	900.1	1.29	225.7
15:00	0.008996	14.6	14.0	.00	28.98	981.4	475.7	.68	293.9
16:00	0.008725	14.4	13.6	.00	28.96	980.8	484.9	.70	269.7
17:00	0.008622	14.1	13.4	.00	28.95	980.5	359.5	.52	287.8
18:00	0.008418	13.8	13.1	.00	28.95	980.4	341.6	.49	273.5
19:00	0.008389	13.7	13.1	.00	28.96	980.7	212.6	.30	274.0
20:00	0.008387	14.6	13.1	.00	28.97	981.2	18.3	.03	301.5
21:00	0.008971	14.8	14.0	.00	28.98	981.5	-2.9	.00	336.6
22:00	0.009194	14.8	14.3	.00	29.00	982.1	-2.7	.00	20.0
23:00	0.009288	14.6	14.5	.00	29.01	982.6	-2.8	.00	240.9
Avg	0.008854	14.4	13.8	.00	29.00	982.0	281.5	.41	278.0
Max	0.009288	15.1	14.5	.00	29.03	983.3	1035.9	1.49	351.4
Hr. of Max	23	11	23	23	11	09	13	13	04
Min	0.00836	13.5	13.0	.00	28.95	980.4	-3.1	.00	14.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/8/2017

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	29.2	43.1	306.9	32.2	40.1	7.7	6.1	.3	3.2
01:00	37.6	52.7	299.5	43.2	35.1	12.3	6.6	.3	1.3
02:00	43.7	60.4	344.6	52.2	25.0	8.2	6.2	.2	1.4
03:00	45.5	65.0	3.5	55.7	29.0	15.7	10.4	.8	1.8
04:00	22.7	51.8	321.2	43.2	55.1	29.1	10.4	.5	1.7
05:00	2.0	25.6	248.1	13.9	36.1	37.2	10.9	1.0	1.0
06:00	354.4	342.8	252.8	330.9	50.3	46.9	26.0	.4	.7
07:00	17.9	.7	270.9	349.8	67.7	38.1	31.4	.2	.4
08:00	345.4	354.0	323.3	344.8	37.7	30.8	37.2	1.0	1.6
09:00	89.7	74.4	128.5 +	64.4	54.3	50.2	52.9	1.1	1.1
10:00	166.6	151.8	160.3	144.7	41.4	56.8	65.0	1.7	1.2
11:00	263.4	259.9	248.1	253.9	70.3	51.9	48.0	2.2	2.9
12:00	257.7	263.3	233.3	258.3	50.6	38.2	36.3	2.4	3.1
13:00	238.5	240.9	225.1	236.0	50.6	40.2	34.2	3.1	4.0
14:00	236.4	235.4	226.8	230.8	34.8	27.4	22.2	5.4	7.0
15:00	297.0	293.5	288.1	286.3	39.7	31.2	27.9	3.1	4.1
16:00	279.6	281.7	268.4	275.8	32.3	24.2	22.2	4.5	5.9
17:00	296.9	300.4	282.0	292.6	47.0	33.6	26.4	2.9	4.1
18:00	283.0	286.0	271.7	279.0	31.9	22.6	19.6	5.1	6.9
19:00	285.6	290.3	271.2	283.2	30.7	22.1	19.7	3.2	4.6
20:00	305.0	312.1	292.3	302.9	28.1	18.4	15.2	2.1	3.4
21:00	349.8	360.0	313.2	348.6	16.7	9.3	12.0	1.5	3.4
22:00	357.1	3.0	324.7	352.4	23.8	15.6	14.4	.9	3.7
23:00	259.7	41.4	257.4	23.8	61.0	53.8	24.4	.8	.4
Avg	326.0	344.0	278.0	333.0	41.2	30.1	24.4	.0	.0
Max	357.1	360.0	344.6	352.4	70.3	56.8	65.0	5.4	7.0
Hr. of Max	22	21	02	22	11	10	10	14	14
Min	2.0	.7	3.5	13.9	16.7	7.7	6.1	.2	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/8/2017

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	4.4	.4	3.2	4.4	.9	4.6	-3.0	1.6	-.06
01:00	2.9	.4	1.3	3.0	1.0	3.2	-1.1	1.0	-.02
02:00	2.4	.2	1.4	2.4	.7	2.6	1.5	1.7	.02
03:00	3.1	1.1	1.9	3.1	1.4	3.3	-.6	-1.6	-.06
04:00	2.5	1.4	2.3	2.5	1.7	2.7	1.4	-1.1	.02
05:00	1.9	1.3	1.2	2.1	1.7	2.3	1.4	2.1	.06
06:00	2.5	.6	1.2	2.7	1.1	2.9	1.4	2.2	.02
07:00	1.6	.8	1.1	1.8	1.3	2.1	.6	2.3	.00
08:00	2.1	1.4	1.9	2.3	1.8	2.6	-2.7	-.4	-.20
09:00	1.3	1.4	1.7	2.0	2.0	2.5	.7	-5.6	.01
10:00	1.1	2.1	2.0	2.1	2.7	2.7	-1.5	.3	-.03
11:00	3.1	3.4	3.8	3.8	3.9	4.5	-.9	-7.5	-.18
12:00	3.7	3.6	4.1	4.6	4.3	5.2	.0	-.9	-.03
13:00	4.8	4.0	4.8	5.5	4.7	6.2	1.6	-.9	-.03
14:00	7.9	6.3	7.8	8.6	6.8	9.3	.8	-1.5	-.16
15:00	4.7	3.7	4.6	5.1	4.1	5.4	-4.7	-4.9	-.48
16:00	6.8	5.0	6.4	7.2	5.3	7.6	-4.4	-5.4	-.59
17:00	5.5	4.0	5.1	6.4	4.7	6.8	-.7	-8.3	-.28
18:00	8.5	5.6	7.3	8.9	6.1	9.3	-3.5	-4.5	-.60
19:00	6.0	3.5	4.9	6.3	4.0	6.6	-.5	-2.3	-.19
20:00	5.0	2.3	3.6	5.3	2.5	5.4	-3.6	-2.3	-.19
21:00	5.2	1.5	3.5	5.3	1.8	5.6	-2.1	2.2	-.08
22:00	6.2	1.0	3.9	6.4	1.4	6.7	1.2	3.4	-.01
23:00	1.8	1.0	1.5	2.4	1.3	2.6	-.1	2.5	.00
Avg	.0	2.3	3.4	4.3	2.8	4.7	-.8	-1.2	-.13
Max	8.5	6.3	7.8	8.9	6.8	9.3	1.6	3.4	.06
Hr. of Max	18	14	14	18	14	18	13	22	05
Min	1.1	.2	1.1	1.8	.7	2.1	-4.7	-8.3	-.60
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/8/2017

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	.13	2.1	6.6	9.2	11.7	3.7	16.8	18.1
01:00	.06	3.2	4.8	6.6	7.8	3.8	15.9	17.0
02:00	.06	3.0	3.0	4.8	9.0	4.4	15.6	16.3
03:00	-.10	3.2	4.4	6.0	10.6	8.5	16.1	16.2
04:00	-.04	6.6	3.7	5.0	7.5	7.7	15.4	16.1
05:00	.09	3.2	4.6	5.7	7.8	6.2	14.7	15.7
06:00	.16	3.4	5.3	7.1	12.7	9.6	14.9	15.2
07:00	.04	2.7	3.2	5.3	13.9	14.7	15.3	15.2
08:00	-.04	5.0	5.5	6.0	23.0	19.4	16.4	15.8
09:00	-.36	5.7	6.2	5.5	27.4	27.9	17.9	17.3
10:00	-.01	6.2	6.2	6.4	26.3	32.2	19.8	19.2
11:00	-.71	10.8	11.4	10.3	25.9	27.6	21.2	20.3
12:00	-.27	9.4	11.9	14.2	23.0	23.9	22.3	21.5
13:00	-.25	13.1	13.1	14.0	25.8	23.2	23.3	22.3
14:00	-.51	15.1	16.5	16.9	19.2	15.7	23.5	22.6
15:00	-.56	11.4	11.2	11.2	21.6	18.2	23.6	22.8
16:00	-.96	11.9	13.3	16.3	19.3	14.6	24.0	23.2
17:00	-1.30	13.3	14.0	15.8	23.6	17.4	24.3	24.1
18:00	-1.06	18.3	19.0	16.7	19.8	13.9	24.2	23.4
19:00	-.45	20.2	22.9	14.9	20.2	15.4	23.5	22.9
20:00	-.35	6.9	10.8	13.5	12.6	12.0	22.1	22.2
21:00	.21	4.1	9.6	11.9	7.0	3.6	19.7	21.4
22:00	.37	3.7	13.3	14.7	17.3	4.2	19.1	20.1
23:00	.15	2.7	4.8	6.6	9.2	8.5	17.6	19.0
Avg	-.24	7.7	9.4	10.2	16.8	14.0	19.5	19.5
Max	.37	20.2	22.9	16.9	27.4	32.2	24.3	24.1
Hr. of Max	22	19	19	14	09	10	17	17
Min	-1.30	2.1	3.0	4.8	7.0	3.6	14.7	15.2
Count	24	24	24	24	24	24	24	24
Total								