Date Printed: 06/10/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/9/2017

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	14.0	15.7	16.3	17.0	1.66	2.26	3.01	.60	1.35
01:00	13.4	14.8	15.5	16.2	1.43	2.15	2.81	.72	1.39
02:00	12.8	14.1	14.7	15.4	1.32	1.90	2.60	.57	1.28
03:00	12.2	13.5	14.1	14.7	1.29	1.84	2.50	.55	1.21
04:00	11.8	13.1	13.5	14.0	1.29	1.73	2.25	.44	.96
05:00	11.4	12.7	13.1	13.7	1.38	1.71	2.32	.32	.93
06:00	11.2	12.5	12.9	13.2	1.33	1.72	2.01	.39	.67
07:00	12.9	13.3	13.6	13.6	.40	.74	.74	.35	.34
08:00	16.0	15.8	15.6	15.5	-.27	-.42	-.56	-.15	-.29
09:00	18.9	18.2	18.0	17.8	-.62	-.87	-1.01	-.25	-.39
10:00	21.2	20.4	20.0	19.9	-.79	-1.14	-1.26	-.36	-.47
11:00	22.7	21.9	21.5	21.4	-.83	-1.18	-1.32	-.34	-.49
12:00	23.3	22.6	22.3	22.1	-.76	-1.06	-1.18	-.30	-.42
13:00	24.0	23.2	22.9	22.9	-.76	-1.02	-1.10	-.26	-.34
14:00	25.7	24.3	24.0	23.9	-1.34	-1.66	-1.76	-.32	-.42
15:00	26.1	24.9	24.5	24.3	-1.22	-1.65	-1.85	-.43	-.63
16:00	26.0	25.1	24.8	24.6	-.93	-1.26	-1.45	-.33	-.51
17:00	26.1	25.5	25.2	24.9	-.62	-.96	-1.17	-.34	-.55
18:00	25.9	25.5	25.2	25.0	-.42	-.76	-.89	-.34	-.47
19:00	23.8	24.9	25.0	24.9	1.03	1.10	1.08	.08	.05
20:00	20.5	22.5	23.8	24.1	2.04	3.28	3.65	1.24	1.61
21:00	18.4	21.1	21.5	22.2	2.75	3.12	3.84	.37	1.09
22:00	16.9	19.4	19.6	20.4	2.45	2.72	3.52	.27	1.07
23:00	15.9	18.0	18.3	19.3	2.05	2.34	3.43	.29	1.38
Avg	18.8	19.3	19.4	19.6	.49	.61	.84	.12	.35
Max	26.1	25.5	25.2	25.0	2.75	3.28	3.84	1.24	1.61
Hr. of Max	17	18	18	18	21	20	21	20	20
Min	11.2	12.5	12.9	13.2	-1.34	-1.66	-1.85	-.43	-.63
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/9/2017

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	12.5	12.6	13.0	21.1	91.9	83.0	11.0	10.9	0.009327
01:00	12.2	12.8	12.6	20.9	94.2	88.9	10.8	11.1	0.009171
02:00	12.0	12.8	12.3	20.8	96.1	93.2	10.6	11.2	0.00901
03:00	11.6	12.9	11.8	20.6	97.4	97.5	10.4	11.2	0.008789
04:00	11.2	12.6	11.4	20.4	97.9	98.3	10.2	11.0	0.008572
05:00	10.9	12.3	11.0	20.2	98.0	98.4	9.9	10.8	0.008349
06:00	10.7	12.0	10.8	20.0	98.0	98.5	9.8	10.7	0.008234
07:00	12.1	12.1	12.4	19.9	96.9	94.4	10.8	10.7	0.009106
08:00	12.6	11.7	13.8	19.7	81.7	78.2	11.0	10.4	0.009405
09:00	12.8	12.0	14.8	19.6	69.1	68.2	11.0	10.5	0.009517
10:00	12.6	11.7	15.5	19.6	59.4	58.7	10.9	10.2	0.009455
11:00	12.4	11.2	15.9	19.7	53.4	51.8	10.7	9.9	0.009341
12:00	12.3	11.3	16.0	19.9	51.0	50.0	10.6	9.9	0.009263
13:00	12.7	11.8	16.4	20.2	50.3	49.9	10.8	10.3	0.009485
14:00	11.8	10.6	16.4	20.4	43.1	43.1	10.2	9.4	0.008988
15:00	11.9	10.8	16.6	20.6	42.0	42.0	10.2	9.5	0.009041
16:00	11.8	10.8	16.6	20.9	42.2	41.5	10.2	9.5	0.009027
17:00	11.1	10.2	16.1	21.1	40.1	38.9	9.7	9.1	0.008613
18:00	11.1	10.1	16.0	21.2	40.4	38.8	9.7	9.1	0.008589
19:00	13.2	10.8	16.7	21.3	52.9	42.1	11.2	9.5	0.00984
20:00	14.4	12.6	16.4	21.4	69.4	54.8	12.2	10.8	0.010593
21:00	13.8	12.9	15.3	21.4	76.0	60.5	11.8	11.0	0.01018
22:00	13.5	13.4	14.6	21.3	81.7	69.7	11.6	11.4	0.009958
23:00	13.5	13.5	14.3	21.2	87.0	76.5	11.6	11.6	0.009951
Avg	12.3	11.9	14.4	20.6	71.3	67.4	10.7	10.4	0.009242
Max	14.4	13.5	16.7	21.4	98.0	98.5	12.2	11.6	0.010593
Hr. of Max	20	23	19	21	06	06	20	23	20
Min	10.7	10.1	10.8	19.6	40.1	38.8	9.7	9.1	0.008234
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/9/2017

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	0.009375	14.5	14.6	.00	29.02	982.7	-2.1	.00	11.8
01:00	0.009501	14.3	14.8	.00	29.02	982.8	-2.0	.00	307.0
02:00	0.009533	14.0	14.8	.00	29.02	982.6	-1.9	.00	38.6
03:00	0.009567	13.7	14.9	.00	29.01	982.4	-2.4	.00	332.6
04:00	0.009374	13.4	14.6	.00	29.01	982.6	-2.8	.00	273.5
05:00	0.009185	13.0	14.3	.00	29.02	982.9	-2.2	.00	290.4
06:00	0.009036	12.8	14.1	.00	29.04	983.5	8.5	.01	290.3
07:00	0.009085	14.2	14.2	.00	29.06	984.1	116.0	.17	267.3
08:00	0.008851	14.7	13.8	.00	29.07	984.6	358.7	.51	122.5
09:00	0.009029	14.8	14.1	.00	29.08	985.0	585.9	.84	86.6
10:00	0.008887	14.7	13.9	.00	29.08	985.0	779.0	1.12	99.3
11:00	0.008611	14.6	13.5	.00	29.09	985.1	836.4	1.20	138.8
12:00	0.008667	14.5	13.5	.00	29.09	985.2	685.3	.98	235.5
13:00	0.008981	14.8	14.0	.00	29.09	985.0	727.1	1.04	235.2
14:00	0.008299	14.0	13.0	.00	29.07	984.6	1092.1	1.57	228.4
15:00	0.008403	14.1	13.1	.00	29.06	984.2	995.1	1.43	269.4
16:00	0.008396	14.1	13.1	.00	29.05	983.8	548.3	.79	255.3
17:00	0.008061	13.4	12.6	.00	29.04	983.5	333.6	.48	224.3
18:00	0.008031	13.4	12.5	.00	29.03	983.2	305.7	.44	199.5
19:00	0.008398	15.3	13.1	.00	29.03	983.3	195.1	.28	257.6
20:00	0.00946	16.5	14.7	.00	29.04	983.5	18.3	.03	352.0
21:00	0.009606	15.8	15.0	.00	29.06	984.0	-2.8	.00	44.1
22:00	0.009917	15.5	15.5	.00	29.08	984.8	-2.9	.00	59.7
23:00	0.009964	15.5	15.5	.00	29.10	985.4	-2.5	.00	70.0
Avg	0.009009	14.4	14.1	.00	29.05	983.9	315.1	.45	284.0
Max	0.009964	16.5	15.5	.00	29.10	985.4	1092.1	1.57	352.0
Hr. of Max	23	20	23	23	23	23	14	14	20
Min	0.008031	12.8	12.5	.00	29.01	982.4	-2.9	.00	11.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/9/2017

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	33.1	311.6	292.1	305.0	35.8	48.5	20.7	.3	.2
01:00	219.2	312.9	266.8	273.1	12.8	30.1	34.3	.4	.1
02:00	38.5	60.3	298.5	27.8	16.4	35.6	9.8	.1	.5
03:00	33.0	58.4	270.4	36.6	20.3	46.8	13.5	.1	.1
04:00	257.8	210.3	268.6	174.4	6.6	19.4	38.5	.5	.7
05:00	232.8	63.6	313.0	44.1	.1	13.3	37.3	.0	.8
06:00	133.9	57.4	287.9	121.4	.1	31.3	.3	.1	.0
07:00	110.0	58.4	213.1	.6	26.7	19.5	2.4	.0	.2
08:00	176.1	142.9	177.9	138.8	25.2	55.8	55.1	.5	.4
09:00	84.4	74.6	84.3	66.1	33.4	47.9	40.4	1.9	1.9
10:00	100.4	95.8	100.4	85.7	42.8	36.2	31.1	1.6	1.9
11:00	150.1	154.6	141.9	149.3	40.7	37.5	32.2	1.7	1.7
12:00	255.6	257.7	241.9	251.6	55.9	48.1	49.1	1.9	2.5
13:00	255.0	257.1	241.3 +	252.1	57.6	53.4	46.4	2.3	2.9
14:00	234.7	237.6	231.0	232.4	47.2	39.9	35.3	3.2	3.9
15:00	279.2	273.9	265.3	268.8	56.8	43.6	35.4	2.4	3.2
16:00	266.0	263.5	254.8	258.2	48.7	34.1	27.1	2.8	3.7
17:00	236.3	231.7	225.8	226.7	41.9	32.1	27.9	3.3	4.1
18:00	218.1	218.1	205.3	214.1	48.7	41.3	36.1	1.6	2.2
19:00	235.9	223.3	258.7	219.4	18.7	14.6	13.0	1.7	2.6
20:00	164.9	174.2	313.4	167.2	26.8	23.3	23.0	.9	.2
21:00	64.8	53.4	24.5	44.5	9.8	5.8	6.0	1.3	2.1
22:00	65.3	64.7	18.8	56.5	15.0	10.8	9.7	.7	2.0
23:00	77.7	47.9	25.3	37.9	10.7	6.3	10.4	.3	1.6
Avg	185.0	134.0	263.0	191.0	29.1	32.3	26.5	.0	.0
Max	279.2	312.9	313.4	305.0	57.6	55.8	55.1	3.3	4.1
Hr. of Max	15	01	20	00	13	08	08	17	17
Min	33.0	47.9	18.8	.6	.1	5.8	.3	.0	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/9/2017

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	.6	.8	.6	1.0	.9	1.0	-.2	.02
01:00	.1	.4	.1	.2	.8	.5	.5	-.9	.01
02:00	.6	.1	.6	.6	.6	.9	-.5	.0	-.01
03:00	.5	.2	.1	.5	.9	.8	-.5	.6	.00
04:00	.2	.6	.7	.3	1.0	.6	-.5	-.6	-.01
05:00	.0	.0	.9	.0	.5	.4	1.6	-1.7	.02
06:00	.0	.1	.0	.0	.6	.3	-.2	-.5	-.01
07:00	.0	.0	.2	.0	.7	.1	.9	-.3	.01
08:00	.5	.7	.7	.7	1.3	1.2	-13.1	-14.5	-.31
09:00	1.9	2.2	2.2	2.3	2.7	2.8	-1.1	4.5	.00
10:00	2.3	2.6	2.9	3.1	3.3	3.7	3.0	3.4	.16
11:00	2.0	2.7	2.7	2.9	3.3	3.6	.8	-3.1	.10
12:00	2.6	3.3	3.6	3.7	3.8	4.3	-2.9	-8.4	-.30
13:00	3.3	3.3	4.0	4.3	4.0	5.0	-5.6	-3.7	-.45
14:00	4.3	4.3	4.8	5.0	5.0	5.7	-3.5	-.6	-.36
15:00	4.0	3.9	4.6	5.3	4.3	5.8	.1	.4	-.10
16:00	4.2	3.9	4.7	5.3	4.4	5.9	-4.0	-6.7	-.32
17:00	4.7	4.1	4.8	5.2	4.6	5.8	.3	1.9	-.15
18:00	2.6	2.7	3.1	3.4	3.1	3.8	.1	.6	-.03
19:00	3.1	1.9	2.7	3.2	2.2	3.5	-2.5	-2.7	-.13
20:00	1.1	1.0	1.0	1.8	1.4	2.1	-.2	-.6	-.01
21:00	2.2	1.3	2.1	2.3	1.6	2.5	1.4	1.7	.02
22:00	3.0	.7	2.1	3.1	1.0	3.3	1.2	2.0	.01
23:00	2.1	.3	1.6	2.2	.7	2.4	2.3	1.6	.03
Avg	.0	1.7	2.1	2.3	2.2	2.7	-.9	-1.2	-.08
Max	4.7	4.3	4.8	5.3	5.0	5.9	3.0	4.5	.16
Hr. of Max	17	14	17	16	14	16	10	09	10
Min	.0	.0	.0	.0	.5	.1	-13.1	-14.5	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/9/2017

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	.00	3.7	5.7	3.0	10.1	13.1	16.4	17.6
01:00	-.02	1.8	.9	1.4	7.1	10.2	15.6	16.8
02:00	.01	1.1	1.8	2.7	8.4	6.5	14.9	16.0
03:00	.01	2.3	2.5	3.0	7.5	7.1	14.3	15.3
04:00	.00	4.4	2.5	1.4	6.1	8.6	13.8	14.7
05:00	-.02	1.8	2.7	.9	6.8	8.2	13.4	14.3
06:00	-.01	1.1	.0	.5	6.2	6.1	13.1	13.7
07:00	.00	1.6	1.4	.2	13.0	5.7	14.0	14.5
08:00	-.38	3.4	3.4	3.7	27.2	24.3	16.7	16.2
09:00	.28	8.2	7.8	8.5	27.3	29.9	19.1	18.5
10:00	.19	5.7	8.9	7.1	26.1	28.4	21.1	20.4
11:00	-.03	7.3	8.0	8.5	25.7	33.4	22.5	21.7
12:00	-.66	11.7	11.9	11.9	23.7	25.9	23.1	22.3
13:00	-.53	12.6	13.7	11.9	23.3	25.5	23.8	23.1
14:00	-.22	11.9	14.0	14.0	21.5	23.6	24.7	23.9
15:00	-.22	10.3	10.8	12.6	24.1	24.2	25.3	24.3
16:00	-.71	10.1	11.0	10.8	21.1	20.0	25.5	24.6
17:00	-.07	10.8	11.0	13.3	20.1	22.3	25.8	25.0
18:00	.02	6.9	8.5	10.3	19.3	23.2	25.9	25.1
19:00	-.17	5.5	6.2	6.4	10.9	9.0	25.4	25.0
20:00	-.05	2.5	3.7	5.3	5.9	5.8	23.1	24.5
21:00	.08	2.5	3.9	4.4	7.6	2.6	21.8	22.8
22:00	.13	2.5	5.7	4.8	9.4	3.4	20.2	21.1
23:00	.07	1.6	3.0	5.7	8.5	4.0	18.8	20.1
Avg	-.10	5.5	6.2	6.3	15.3	15.5	19.9	20.1
Max	.28	12.6	14.0	14.0	27.3	33.4	25.9	25.1
Hr. of Max	09	13	14	14	09	11	18	18
Min	-.71	1.1	.0	.2	5.9	2.6	13.1	13.7
Count	24	24	24	24	24	24	24	24
Total								