Date Printed: 05/09/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/8/2017

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	7.1	8.8	9.5	10.8	1.75	2.42	3.76	.68	2.02
01:00	6.4	7.8	8.8	10.3	1.32	2.41	3.81	1.08	2.49
02:00	5.9	7.0	8.6	9.5	1.07	2.61	3.58	1.55	2.52
03:00	5.7	6.9	7.5	8.6	1.21	1.76	2.87	.56	1.67
04:00	5.7	6.9	7.2	7.8	1.28	1.54	2.15	.26	.87
05:00	5.1	6.5	7.0	7.7	1.40	1.94	2.60	.54	1.21
06:00	4.8	6.2	6.6	7.3	1.36	1.80	2.52	.44	1.16
07:00	6.0	6.7	7.0	7.3	.75	1.02	1.31	.27	.56
08:00	9.5	9.2	9.0	8.9	-.24	-.46	-.52	-.22	-.28
09:00	12.9	12.3	12.0	11.9	-.59	-.85	-1.00	-.26	-.41
10:00	14.9	14.1	13.8	13.6	-.78	-1.12	-1.26	-.34	-.48
11:00	16.8	15.8	15.5	15.4	-.91	-1.25	-1.39	-.33	-.48
12:00	18.0	17.2	16.9	16.8	-.83	-1.15	-1.25	-.32	-.43
13:00	20.0	19.0	18.7	18.6	-.95	-1.24	-1.37	-.29	-.42
14:00	21.1	20.3	20.1	19.9	-.76	-1.05	-1.15	-.29	-.40
15:00	22.5	21.7	21.4	21.3	-.78	-1.05	-1.16	-.27	-.37
16:00	23.1	22.5	22.1	22.0	-.60	-.98	-1.12	-.38	-.53
17:00	23.2	22.9	22.6	22.5	-.36	-.63	-.77	-.27	-.41
18:00	22.5	22.5	22.4	22.3	.05	-.11	-.15	-.16	-.20
19:00	20.7	21.6	21.6	21.7	.90	.90	.97	.00	.07
20:00	17.4	19.8	20.4	20.9	2.42	2.98	3.46	.56	1.04
21:00	16.0	18.1	18.9	19.7	2.17	2.91	3.72	.74	1.55
22:00	15.2	17.0	17.8	18.5	1.80	2.66	3.33	.87	1.54
23:00	13.7	15.7	16.4	17.2	1.97	2.69	3.48	.72	1.51
Avg	13.9	14.4	14.7	15.0	.53	.74	1.10	.21	.57
Max	23.2	22.9	22.6	22.5	2.42	2.98	3.81	1.55	2.52
Hr. of Max	17	17	17	17	20	20	01	02	02
Min	4.8	6.2	6.6	7.3	-.95	-1.25	-1.39	-.38	-.53
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/8/2017

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	5.9	6.3	6.3	15.8	92.9	85.1	7.2	7.4	0.005908
01:00	5.5	6.4	5.8	15.6	94.6	91.9	7.0	7.4	0.005756
02:00	5.2	6.4	5.4	15.5	95.7	96.7	6.9	7.4	0.005629
03:00	5.0	6.4	5.2	15.3	96.1	97.8	6.8	7.5	0.005555
04:00	5.1	6.5	5.3	15.2	97.0	97.9	6.8	7.5	0.005593
05:00	4.5	6.0	4.7	15.0	96.8	97.9	6.6	7.3	0.005351
06:00	4.3	5.8	4.4	14.9	97.0	98.0	6.5	7.1	0.005262
07:00	5.4	5.9	5.6	14.7	96.8	95.3	7.0	7.2	0.005699
08:00	7.1	6.1	7.9	14.6	86.0	81.6	7.7	7.2	0.006401
09:00	7.4	6.3	9.2	14.5	70.5	68.0	7.8	7.3	0.006573
10:00	5.9	4.7	8.9	14.4	56.2	54.2	7.1	6.5	0.005967
11:00	4.3	2.1	8.4	14.5	44.3	40.1	6.3	5.4	0.005321
12:00	5.0	3.2	9.4	14.7	43.1	40.0	6.6	5.8	0.005619
13:00	6.3	4.5	10.8	15.1	41.8	39.0	7.2	6.3	0.006146
14:00	6.5	4.8	11.3	15.5	39.5	36.7	7.2	6.4	0.006237
15:00	5.6	3.8	11.3	16.0	34.4	31.7	6.8	6.0	0.005906
16:00	6.3	4.6	11.9	16.2	34.6	31.8	7.1	6.3	0.006194
17:00	6.3	4.6	11.9	16.5	34.4	31.2	7.1	6.3	0.006192
18:00	7.1	5.7	12.2	16.7	38.0	34.4	7.5	6.8	0.006532
19:00	8.8	6.2	12.8	16.8	47.5	37.6	8.5	7.1	0.007332
20:00	10.1	7.5	12.5	16.9	63.4	46.1	9.3	7.8	0.007949
21:00	10.4	8.6	12.3	16.9	70.6	54.7	9.5	8.4	0.008098
22:00	10.3	8.6	11.9	16.9	73.9	58.9	9.5	8.4	0.008042
23:00	10.4	10.0	11.5	16.9	81.3	69.8	9.5	9.2	0.00807
Avg	6.6	5.9	9.0	15.6	67.8	63.2	7.5	7.1	0.006306
Max	10.4	10.0	12.8	16.9	97.0	98.0	9.5	9.2	0.008098
Hr. of Max	23	23	19	23	06	06	23	23	21
Min	4.3	2.1	4.4	14.4	34.4	31.2	6.3	5.4	0.005262
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/8/2017

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	0.006098	9.3	9.6	.00	29.11	985.7	-2.1	.00	126.5
01:00	0.006124	9.0	9.6	.00	29.11	985.8	-2.3	.00	179.8
02:00	0.006127	8.8	9.6	.00	29.11	985.8	-2.5	.00	224.3
03:00	0.006149	8.7	9.7	.00	29.12	986.0	-2.2	.00	92.0
04:00	0.006169	8.8	9.7	.00	29.13	986.6	-2.6	.00	65.0
05:00	0.005968	8.4	9.4	.00	29.16	987.4	-2.4	.00	343.1
06:00	0.005847	8.3	9.2	.00	29.18	988.1	2.6	.00	69.0
07:00	0.005901	9.0	9.3	.00	29.20	989.0	86.1	.12	87.4
08:00	0.005975	10.1	9.4	.00	29.22	989.5	343.3	.49	111.6
09:00	0.006097	10.4	9.6	.00	29.23	989.9	560.3	.80	100.6
10:00	0.005472	9.4	8.6	.00	29.23	990.0	751.4	1.08	104.4
11:00	0.004542	8.4	7.2	.00	29.23	990.0	898.0	1.29	126.1
12:00	0.004937	8.9	7.8	.00	29.22	989.7	983.6	1.41	108.8
13:00	0.005407	9.7	8.5	.00	29.21	989.0	1018.7	1.46	171.8
14:00	0.005533	9.8	8.7	.00	29.18	988.3	984.8	1.41	109.1
15:00	0.005196	9.3	8.2	.00	29.16	987.5	859.9	1.23	284.6
16:00	0.005484	9.7	8.6	.00	29.14	986.7	662.3	.95	259.4
17:00	0.005499	9.7	8.6	.00	29.12	986.1	292.2	.42	250.8
18:00	0.005937	10.2	9.3	.00	29.12	986.0	156.0	.22	266.2
19:00	0.006138	11.5	9.6	.00	29.11	985.9	54.0	.08	284.4
20:00	0.006704	12.4	10.5	.00	29.11	985.8	7.6	.01	272.4
21:00	0.007197	12.7	11.3	.00	29.12	986.1	-2.6	.00	10.5
22:00	0.007188	12.6	11.3	.00	29.12	986.3	-3.0	.00	250.4
23:00	0.007864	12.6	12.3	.00	29.12	986.1	-2.6	.00	47.7
Avg	0.005981	9.9	9.4	.00	29.16	987.4	318.3	.46	123.0
Max	0.007864	12.7	12.3	.00	29.23	990.0	1018.7	1.46	343.1
Hr. of Max	23	21	23	23	11	11	13	13	05
Min	0.004542	8.3	7.2	.00	29.11	985.7	-3.0	.00	10.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/8/2017

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	51.2	234.9	260.9	229.9	18.8	18.9	9.9	.3	.8
01:00	252.5	245.0	246.4	240.0	42.3	49.5	6.2	1.1	1.5
02:00	251.8	235.1	232.3	230.9	9.4	7.7	5.7	1.6	2.9
03:00	89.3	265.1	265.5	263.6	37.3	44.5	11.1	.1	.2
04:00	61.0	68.8	30.8	59.6	20.0	13.3	28.1	.9	1.9
05:00	63.9	97.7	333.7	36.5	41.3	39.5	20.3	.4	.5
06:00	62.6	62.4	311.0	48.6	7.2	3.9	7.4	.1	1.0
07:00	64.4	55.4	120.8	31.6	8.3	13.4	7.3	.1	.9
08:00	102.1	78.3	117.6	68.6	11.2	27.5	28.7	1.1	1.0
09:00	89.5	79.8	97.0	70.5	22.2	24.2	24.6	3.2	3.4
10:00	101.3	96.4	101.4	87.4	18.6	17.9	15.8	4.1	4.5
11:00	125.3	116.3	128.1	108.3	40.9	40.6	42.4	2.1	2.1
12:00	116.7	116.7	106.0	109.2	39.8	48.4	44.4	2.6	2.4
13:00	190.1	196.5	183.7	194.3	65.8	68.5	65.6	1.8	1.7
14:00	109.1	127.8	105.1	119.9	55.2	63.6	66.8	1.3	.7
15:00	299.4	300.8	281.0	292.4	45.5	33.8	33.2	4.1	5.4
16:00	271.1	271.9	258.0	265.3	46.7	35.1	33.1	3.9	5.3
17:00	272.1	279.3	252.3	272.3	50.5	41.1	39.0	2.5	3.2
18:00	281.6	288.8	264.6	281.9	39.3	23.0	21.5	2.8	4.5
19:00	290.6	291.7	278.9	284.2	24.3	15.2	12.0	2.6	4.5
20:00	261.6	268.4	273.7	262.0	29.4	20.8	14.2	1.4	2.7
21:00	192.8	212.3	278.6	206.7	45.4	52.5	14.9	.4	.2
22:00	248.2	208.1	251.9	203.7	19.1	8.7	7.9	1.7	2.6
23:00	6.5	249.6	38.4	262.1	25.0	25.7	21.2	.1	.4
Avg	98.0	215.0	250.0	240.0	31.8	30.7	24.2	.0	.0
Max	299.4	300.8	333.7	292.4	65.8	68.5	66.8	4.1	5.4
Hr. of Max	15	15	05	15	13	13	14	15	15
Min	6.5	55.4	30.8	31.6	7.2	3.9	5.7	.1	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/8/2017

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	2.3	.5	.9	2.4	.9	2.6	.4	1.1	.01
01:00	2.8	1.2	1.7	2.8	1.7	3.0	2.3	.6	.03
02:00	4.6	1.7	3.0	4.6	2.1	4.9	1.5	1.2	.06
03:00	.8	.1	.5	.8	.7	1.1	.3	.0	.00
04:00	2.6	.9	1.9	2.8	1.2	3.0	.9	1.0	-.01
05:00	.5	.7	1.3	.8	1.1	1.1	1.7	.1	.01
06:00	1.2	.1	1.0	1.3	.7	1.5	1.9	.1	.03
07:00	1.4	.1	.9	1.5	.6	1.7	2.3	1.0	.03
08:00	1.1	1.1	1.1	1.3	1.7	1.6	.9	-2.9	.00
09:00	3.5	3.4	3.7	3.8	4.0	4.2	1.2	3.2	.07
10:00	4.8	4.3	4.7	5.0	5.0	5.5	-1.5	-2.4	-.17
11:00	2.0	2.7	2.6	2.5	3.2	3.2	-3.8	-14.3	-.19
12:00	2.5	3.3	3.2	3.1	3.8	3.9	-5.1	-9.1	-.35
13:00	1.9	3.4	3.3	3.3	4.1	4.1	.9	3.8	.00
14:00	.5	3.5	3.5	3.3	4.1	4.1	-3.1	1.7	-.22
15:00	6.1	5.2	6.4	7.2	5.8	7.9	-2.3	-1.9	-.53
16:00	6.2	5.0	6.5	7.3	5.6	8.0	-3.2	-3.8	-.48
17:00	3.6	3.5	4.0	4.5	4.0	5.0	-2.7	-1.8	-.26
18:00	6.0	3.2	4.8	6.3	3.8	6.7	.3	-1.4	-.21
19:00	6.5	2.8	4.7	6.7	3.0	6.6	-2.9	-3.1	-.25
20:00	4.5	1.7	3.2	4.9	2.0	4.8	-1.2	1.9	-.07
21:00	1.6	.5	.2	1.7	.9	1.9	.1	-.5	.00
22:00	2.6	1.8	2.7	2.6	2.2	2.8	.8	-.5	.01
23:00	.7	.4	1.4	1.3	.8	1.6	2.5	-.3	.03
Avg	.0	2.1	2.8	3.4	2.6	3.8	-.3	-1.1	-.10
Max	6.5	5.2	6.5	7.3	5.8	8.0	2.5	3.8	.07
Hr. of Max	19	15	16	16	15	16	23	13	09
Min	.5	.1	.2	.8	.6	1.1	-5.1	-14.3	-.53
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/8/2017

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	.05	2.5	2.7	3.9	6.6	2.6	9.1	11.3
01:00	.04	3.9	5.3	5.3	6.6	3.1	8.2	10.7
02:00	.11	7.3	10.1	9.8	5.3	2.8	7.4	9.9
03:00	.02	3.9	5.3	8.0	6.7	9.2	7.3	8.9
04:00	.07	3.2	4.4	5.5	8.9	4.5	7.3	8.1
05:00	.01	3.4	2.7	6.0	7.6	7.3	6.8	7.9
06:00	.00	1.1	2.3	2.5	7.0	4.0	6.4	7.6
07:00	.03	1.6	4.1	4.6	12.8	7.3	7.1	7.6
08:00	-.10	3.9	3.2	3.4	26.7	20.8	9.8	9.2
09:00	.19	8.0	8.5	7.8	17.9	20.9	12.7	12.0
10:00	-.20	8.9	9.4	11.0	16.0	15.7	14.4	13.6
11:00	-.89	13.5	9.2	10.1	24.6	30.0	15.9	15.3
12:00	-.75	8.9	10.1	9.8	25.7	32.1	17.3	16.6
13:00	.19	13.3	21.8	18.3	24.6	31.6	19.1	18.4
14:00	.14	12.1	14.4	15.3	23.4	31.0	20.5	19.8
15:00	-.69	17.4	17.6	16.9	23.7	22.5	21.8	21.0
16:00	-.73	14.2	14.7	15.8	22.3	19.0	22.5	21.7
17:00	-.29	8.7	10.1	11.9	19.0	21.5	23.0	22.3
18:00	-.45	11.0	12.1	14.2	21.8	16.8	22.8	22.2
19:00	-.44	7.3	9.8	10.8	14.8	8.2	21.9	21.7
20:00	.12	5.0	8.2	12.6	8.3	5.9	20.1	20.9
21:00	-.02	2.5	2.5	5.0	6.1	4.4	18.6	19.9
22:00	-.02	4.8	6.2	6.2	5.7	3.9	17.3	18.8
23:00	.00	2.5	3.7	6.2	8.2	8.3	16.2	17.6
Avg	-.15	7.0	8.3	9.2	14.6	13.9	14.7	15.1
Max	.19	17.4	21.8	18.3	26.7	32.1	23.0	22.3
Hr. of Max	13	15	13	13	08	12	17	17
Min	-.89	1.1	2.3	2.5	5.3	2.6	6.4	7.6
Count	24	24	24	24	24	24	24	24
Total								