Date Printed: 07/03/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2017

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	20.3	20.3	20.3	20.3	.01	-.07	-.03	-.08	-.04
01:00	19.8	19.8	19.8	19.8	.02	-.03	.03	-.05	.01
02:00	19.6	19.6	19.5	19.5	-.07	-.13	-.11	-.06	-.04
03:00	19.6	19.5	19.5	19.4	-.07	-.14	-.19	-.07	-.12
04:00	19.6	19.4	19.3	19.3	-.14	-.28	-.29	-.14	-.15
05:00	19.6	19.4	19.3	19.3	-.13	-.24	-.25	-.11	-.13
06:00	19.6	19.5	19.3	19.3	-.15	-.28	-.28	-.13	-.13
07:00	19.9	19.7	19.6	19.5	-.20	-.38	-.42	-.18	-.22
08:00	20.5	20.3	20.0	19.9	-.26	-.50	-.60	-.24	-.34
09:00	21.4	21.0	20.8	20.8	-.38	-.61	-.67	-.23	-.29
10:00	22.0	21.7	21.4	21.3	-.37	-.64	-.72	-.27	-.36
11:00	22.9	22.3	22.0	22.0	-.61	-.86	-.94	-.25	-.34
12:00	23.2	22.8	22.5	22.5	-.49	-.70	-.77	-.21	-.28
13:00	24.4	23.6	23.3	23.2	-.82	-1.11	-1.22	-.29	-.40
14:00	26.4	25.3	24.9	24.8	-1.11	-1.44	-1.56	-.33	-.45
15:00	26.7	26.0	25.7	25.6	-.74	-1.01	-1.12	-.26	-.38
16:00	27.0	26.4	26.1	26.0	-.63	-.91	-1.03	-.29	-.41
17:00	27.4	27.0	26.8	26.6	-.37	-.63	-.74	-.27	-.38
18:00	25.8	25.8	26.4	26.6	.03	.66	.86	.62	.83
19:00	24.8	25.2	25.7	26.0	.34	.88	1.13	.54	.79
20:00	24.0	24.5	25.0	25.4	.49	1.04	1.40	.55	.91
21:00	22.8	23.6	24.1	24.4	.79	1.29	1.66	.50	.87
22:00	22.3	23.2	23.4	23.7	.89	1.17	1.46	.28	.56
23:00	21.4	22.3	22.7	23.0	.88	1.23	1.54	.36	.66
Avg	22.5	22.4	22.4	22.4	-.13	-.15	-.12	-.03	.01
Max	27.4	27.0	26.8	26.6	.89	1.29	1.66	.62	.91
Hr. of Max	17	17	17	18	22	21	21	18	20
Min	19.6	19.4	19.3	19.3	-1.11	-1.44	-1.56	-.33	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2017

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	19.6	19.9	19.9	24.2	98.0	99.4	16.9	17.2	0.014744
01:00	19.1	19.3	19.3	24.0	98.0	99.4	16.4	16.6	0.014259
02:00	18.9	19.2	19.2	23.9	98.0	99.7	16.3	16.5	0.014125
03:00	18.9	19.1	19.2	23.7	98.0	99.5	16.2	16.4	0.014108
04:00	18.9	19.0	19.1	23.6	98.0	99.3	16.2	16.3	0.014078
05:00	18.9	19.0	19.1	23.5	98.0	99.3	16.2	16.3	0.014058
06:00	18.9	19.0	19.1	23.4	98.0	99.5	16.2	16.3	0.014086
07:00	19.3	19.4	19.5	23.3	98.0	100.1	16.5	16.7	0.01439
08:00	19.7	19.6	19.9	23.2	97.0	98.2	16.9	16.9	0.014752
09:00	19.4	19.3	20.1	23.1	90.3	91.7	16.6	16.5	0.014512
10:00	19.4	19.3	20.3	23.1	87.2	88.6	16.6	16.5	0.014535
11:00	19.1	18.8	20.4	23.1	81.1	82.7	16.3	16.0	0.014257
12:00	19.3	19.2	20.6	23.2	80.4	82.3	16.4	16.4	0.014424
13:00	19.6	19.2	21.2	23.3	76.8	78.6	16.7	16.3	0.014757
14:00	19.5	19.2	21.8	23.4	67.6	71.1	16.5	16.3	0.014635
15:00	19.5	19.3	21.9	23.6	66.4	68.5	16.5	16.3	0.014682
16:00	19.7	19.3	22.1	23.8	65.9	66.8	16.7	16.3	0.01487
17:00	19.0	18.6	21.8	24.0	61.8	61.5	16.0	15.5	0.014244
18:00	20.6	20.1	22.3	24.2	75.4	72.7	17.7	17.1	0.015775
19:00	21.2	21.4	22.4	24.2	82.7	82.1	18.4	18.6	0.01636
20:00	21.5	21.6	22.3	24.3	88.3	86.2	18.7	18.8	0.016613
21:00	21.6	22.6	22.0	24.3	95.4	97.3	18.9	20.1	0.016701
22:00	21.4	22.5	21.7	24.2	97.6	98.9	18.8	20.0	0.01656
23:00	20.7	21.7	20.9	24.1	98.0	99.2	18.0	19.1	0.015808
Avg	19.7	19.8	20.7	23.7	87.3	88.4	16.9	17.0	0.014889
Max	21.6	22.6	22.4	24.3	98.0	100.1	18.9	20.1	0.016701
Hr. of Max	21	21	19	21	23	07	21	21	21
Min	18.9	18.6	19.1	23.1	61.8	61.5	16.0	15.5	0.014058
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2017

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	0.014964	22.9	23.2	.00	29.20	989.0	-2.3	.00	227.2
01:00	0.014486	22.2	22.5	.00	29.21	989.1	-2.4	.00	228.5
02:00	0.014311	22.0	22.2	.00	29.20	988.9	-2.3	.00	168.5
03:00	0.014263	21.9	22.2	.00	29.19	988.7	-2.4	.00	178.4
04:00	0.014147	21.9	22.0	.01	29.19	988.7	-2.1	.00	163.6
05:00	0.014138	21.9	22.0	.00	29.20	988.9	-2.8	.00	144.7
06:00	0.01417	21.9	22.0	.00	29.21	989.4	4.0	.01	126.7
07:00	0.014507	22.4	22.6	.00	29.23	989.9	49.3	.07	144.6
08:00	0.014694	22.9	22.9	.00	29.25	990.5	175.1	.25	166.8
09:00	0.014397	22.6	22.4	.00	29.26	990.8	244.3	.35	75.0
10:00	0.014434	22.6	22.5	.00	29.26	991.1	251.1	.36	198.6
11:00	0.013998	22.2	21.8	.00	29.27	991.2	329.5	.47	269.0
12:00	0.014336	22.5	22.3	.00	29.27	991.2	289.0	.41	2.5
13:00	0.014378	23.0	22.4	.00	29.26	990.9	635.2	.90 +	342.1
14:00	0.01442	22.8	22.4	.00	29.23	990.0	891.6	1.28	12.4
15:00	0.014479	22.8	22.5	.00	29.21	989.3	505.6	.72	28.6
16:00	0.014518	23.1	22.6	.00	29.19	988.7	476.1	.68	99.6
17:00	0.013855	22.1	21.5	.00	29.19	988.4	331.5	.48	104.7
18:00	0.015237	24.4	23.6	.00	29.18	988.1	151.1	.22	254.3
19:00	0.016583	25.3	25.7	.00	29.18	988.3	72.3	.10	326.8
20:00	0.016708	25.7	25.9	.00	29.18	988.3	28.6	.04	96.9
21:00	0.017864	25.8	27.6	.00	29.16	987.4	-1.6	.00	36.7
22:00	0.017706	25.6	27.3	.00	29.17	987.9	-2.6	.00	34.7
23:00	0.016876	24.5	26.1	.00	29.18	988.1	-2.7	.00	60.4
Avg	0.014978	23.1	23.3	.00	29.21	989.3	183.9	.26	114.0
Max	0.017864	25.8	27.6	.01	29.27	991.2	891.6	1.28	342.1
Hr. of Max	21	21	21	04	12	12	14	14	13
Min	0.013855	21.9	21.5	.00	29.16	987.4	-2.8	.00	2.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2017

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	238.6	231.9	231.4	227.8	22.7	11.3	8.1	2.1	4.0
01:00	240.3	235.6	234.2	231.3	27.5	14.0	8.4	1.9	3.9
02:00	243.0	249.0	213.9	244.3	31.2	12.8	9.6	.7	2.0
03:00	231.6	227.0	231.2	222.6	43.9	12.7	10.6	.6	1.7
04:00	223.1	228.5	221.3	224.3	46.0	15.5	11.1	.5	1.7
05:00	192.4	194.1	195.7	189.4	17.7	12.7	9.5	.4	1.5
06:00	207.3	202.0	202.8	196.6	23.6	30.2	25.6	.5	1.0
07:00	207.1	213.1	196.6	207.1	30.3	23.9	19.5	.7	1.2
08:00	217.7	214.2	193.2	210.5	32.1	42.4	24.5	1.0	1.2
09:00	358.1	237.5	265.3	12.4	69.8	60.8	52.4	.2	.2
10:00	214.5	209.4	209.8	204.5	36.2	22.9	20.9	2.0	2.4
11:00	296.0	302.2	266.6	292.9	60.1	40.8	44.0	1.1	1.1
12:00	317.1	317.6	293.6	307.3	44.0	39.4	44.9	.5	.7
13:00	333.0	338.0	290.7	330.9	59.7	57.4	47.1	.6	.9
14:00	15.3	22.9	349.0	13.8	42.8	37.8	43.1	1.5	1.7
15:00	347.0	353.8	338.2	345.4	66.5	57.3	49.6	.7	1.0
16:00	95.3	90.0	96.6	80.3	27.0	38.0	30.0	2.7	3.2
17:00	112.5	113.7	102.4	105.2	34.8	34.8	24.1	1.4	1.7
18:00	231.6	201.2	262.1	197.4	46.4	16.5	14.5	.9	1.4
19:00	271.6	259.2	286.8	254.1	43.5	17.9	12.3	.6	1.9
20:00	238.9	295.5	279.1	282.1	54.3	69.3	42.5	.2	.6
21:00	69.1	169.2	277.9	163.6	42.8	43.1	48.2	.5	.3
22:00	20.7	7.0	11.9	356.3	26.0	18.4	17.6	1.6	2.8
23:00	157.0	70.8	284.8	73.6	47.7	37.4	15.3	.1	.1
Avg	245.0	240.0	251.0	240.0	40.7	32.0	26.4	.0	.0
Max	358.1	353.8	349.0	356.3	69.8	69.3	52.4	2.7	4.0
Hr. of Max	09	15	14	22	09	20	09	16	00
Min	15.3	7.0	11.9	12.4	17.7	11.3	8.1	.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)

7/2/2017

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	5.4	2.4	4.1	5.5	2.7	5.7	-.7	-.1	-.07
01:00	5.5	2.2	4.0	5.6	2.6	5.9	.1	.8	-.06
02:00	3.1	.8	2.1	3.2	1.4	3.4	.0	-.8	-.01
03:00	2.3	.8	1.9	2.5	1.4	2.6	-.9	-1.8	-.03
04:00	2.5	.6	1.8	2.5	1.2	2.8	1.6	1.3	.02
05:00	2.1	.4	1.5	2.2	1.2	2.3	5.4	-1.4	.11
06:00	1.6	.5	1.1	1.7	1.2	2.0	1.7	-.9	.02
07:00	1.8	.8	1.3	1.9	1.4	2.2	7.7	.3	.16
08:00	1.8	1.2	1.4	1.9	1.7	2.2	4.2	-7.2	.11
09:00	.3	.8	.9	1.0	1.4	1.5	1.8	4.8	.09
10:00	2.5	2.3	2.7	2.8	2.8	3.1	.4	-5.1	-.08
11:00	1.0	1.5	1.5	1.4	2.0	2.0	-4.1	-15.6	-.19
12:00	.6	1.3	1.2	1.1	1.8	1.7	-11.7	-12.5	-.39
13:00	1.0	1.5	1.6	1.6	2.2	2.3	-8.8	-13.6	-.45
14:00	1.6	2.2	2.4	2.2	2.7	2.9	1.1	-2.8	.01
15:00	1.2	1.4	1.6	1.6	1.9	2.2	-3.6	-9.9	-.24
16:00	3.6	3.1	3.7	4.2	3.7	4.6	1.9	3.5	.02
17:00	2.2	1.8	2.2	2.5	2.4	3.1	7.0	5.1	.28
18:00	1.3	1.1	1.7	1.7	1.6	1.9	1.7	-2.6	.02
19:00	2.3	1.0	2.2	2.5	1.4	2.7	.8	-.4	-.02
20:00	1.6	.5	1.2	2.2	.9	2.3	.7	4.5	.01
21:00	1.2	.8	1.0	1.6	1.3	1.9	.4	-1.9	.01
22:00	3.9	1.8	3.3	4.3	2.2	4.5	1.8	2.3	-.02
23:00	.4	.2	.1	.4	.9	.7	.2	.2	.00
Avg	.0	1.3	1.9	2.4	1.8	2.8	.4	-2.2	-.03
Max	5.5	3.1	4.1	5.6	3.7	5.9	7.7	5.1	.28
Hr. of Max	01	16	00	01	16	01	07	17	17
Min	.3	.2	.1	.4	.9	.7	-11.7	-15.6	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2017

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	-.02	5.0	6.4	8.2	11.7	4.0	22.0	21.6
01:00	.06	6.0	8.9	9.4	13.0	4.4	21.4	21.0
02:00	-.07	6.9	9.6	9.4	12.7	7.0	21.1	20.7
03:00	-.11	3.2	4.8	6.2	11.8	7.4	21.1	20.6
04:00	.04	3.9	4.4	5.3	17.4	7.4	20.9	20.4
05:00	-.04	2.5	4.1	4.4	16.1	9.1	20.9	20.4
06:00	-.06	3.7	4.4	5.3	18.4	14.8	20.9	20.4
07:00	-.06	3.0	3.4	4.1	22.0	14.8	21.3	20.7
08:00	-.33	4.1	4.4	4.1	23.6	19.8	21.7	21.1
09:00	.24	4.1	3.7	4.6	29.5	32.9	22.5	22.0
10:00	-.41	6.2	6.2	6.2	21.1	19.1	23.0	22.3
11:00	-.68	4.1	3.9	4.1	25.8	29.0	23.7	23.0
12:00	-.48	4.6	4.1	3.9	24.2	32.9	24.2	23.7
13:00	-.72	5.3	6.6	5.5	28.5	30.0	25.0	24.4
14:00	-.02	6.2	6.9	7.8	30.2	37.8	26.8	26.1
15:00	-.37	5.7	6.2	6.0	29.2	31.2	27.4	26.8
16:00	.22	8.0	9.2	9.8	21.0	20.4	27.8	27.1
17:00	.28	6.9	5.5	6.9	27.1	27.4	28.3	27.6
18:00	-.07	2.5	3.7	3.4	11.2	9.0	27.2	27.5
19:00	-.02	3.4	5.7	5.3	11.9	3.7	26.8	27.1
20:00	.10	3.2	4.8	7.6	14.9	18.1	26.1	26.7
21:00	-.03	5.3	7.3	6.4	8.8	14.4	25.3	25.9
22:00	.18	8.7	9.4	10.3	15.3	8.4	24.8	25.1
23:00	.01	1.4	2.3	1.8	7.2	5.5	24.0	24.4
Avg	-.10	4.7	5.7	6.1	18.9	17.0	23.9	23.6
Max	.28	8.7	9.6	10.3	30.2	37.8	28.3	27.6
Hr. of Max	17	22	02	22	14	14	17	17
Min	-.72	1.4	2.3	1.8	7.2	3.7	20.9	20.4
Count	24	24	24	24	24	24	24	24
Total								