Date Printed: 02/04/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/3/2017

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	5.9	5.9	5.7	5.6	-.01	-.19	-.28	-.18	-.28
01:00	5.5	5.5	5.3	5.2	-.04	-.23	-.34	-.20	-.30
02:00	5.1	5.1	4.9	4.8	-.03	-.20	-.30	-.17	-.27
03:00	4.8	4.8	4.6	4.5	-.04	-.23	-.33	-.19	-.29
04:00	4.6	4.5	4.3	4.2	-.09	-.29	-.40	-.20	-.30
05:00	4.2	4.2	4.0	3.9	-.07	-.26	-.36	-.19	-.29
06:00	3.9	3.9	3.7	3.6	-.05	-.25	-.36	-.20	-.31
07:00	3.6	3.5	3.3	3.2	-.04	-.23	-.34	-.19	-.30
08:00	3.6	3.5	3.3	3.1	-.13	-.35	-.48	-.22	-.35
09:00	4.0	3.7	3.5	3.3	-.28	-.56	-.70	-.28	-.42
10:00	5.0	4.6	4.3	4.1	-.39	-.70	-.85	-.31	-.45
11:00	5.9	5.3	5.0	4.8	-.56	-.88	-1.08	-.32	-.52
12:00	6.3	5.6	5.3	5.1	-.63	-.94	-1.11	-.31	-.48
13:00	5.4	4.8	4.6	4.4	-.54	-.80	-.95	-.26	-.41
14:00	4.5	4.1	3.8	3.6	-.43	-.71	-.87	-.28	-.44
15:00	3.8	3.4	3.2	3.1	-.32	-.56	-.70	-.24	-.39
16:00	4.0	3.4	3.1	2.9	-.53	-.84	-1.02	-.31	-.48
17:00	3.5	3.5	3.3	3.2	-.01	-.18	-.29	-.17	-.28
18:00	1.3	2.8	2.9	2.8	1.48	1.56	1.54	.08	.06
19:00	.2	1.9	2.1	2.1	1.70	1.87	1.90	.17	.19
20:00	-.4	1.3	1.4	1.4	1.69	1.79	1.81	.11	.12
21:00	-1.2	.5	.7	.7	1.76	1.93	1.95	.18	.19
22:00	-1.7	-.3	-.1	-.1	1.44	1.62	1.67	.18	.23
23:00	-1.7	-1.1	-1.0	-1.0	.68	.71	.72	.03	.04
Avg	3.3	3.5	3.4	3.3	.19	.05	-.05	-.14	-.24
Max	6.3	5.9	5.7	5.6	1.76	1.93	1.95	.18	.23
Hr. of Max	12	00	00	00	21	21	21	22	22
Min	-1.7	-1.1	-1.0	-1.0	-.63	-.94	-1.11	-.32	-.52
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/3/2017

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	-8.5	-9.9	-3.7	8.9	35.2	31.7	2.5	2.3	0.002049
01:00	-8.7	-10.0	-4.0	8.8	35.5	32.3	2.5	2.3	0.002015
02:00	-8.6	-9.8	-4.0	8.7	36.9	33.6	2.5	2.3	0.002035
03:00	-8.7	-9.9	-4.2	8.6	37.1	34.1	2.5	2.3	0.00201
04:00	-8.5	-9.3	-4.1	8.5	38.6	36.3	2.5	2.4	0.002052
05:00	-8.2	-9.1	-4.0	8.4	40.5	37.7	2.6	2.4	0.002098
06:00	-9.1	-10.1	-4.8	8.3	38.5	35.8	2.4	2.3	0.001949
07:00	-9.4	-10.4	-5.1	8.2	38.6	35.6	2.4	2.2	0.001907
08:00	-9.3	-10.3	-5.0	8.1	38.8	36.2	2.4	2.2	0.00192
09:00	-9.5	-10.5	-5.0	8.0	37.0	35.0	2.4	2.2	0.001889
10:00	-8.8	-9.7	-4.2	8.0	36.6	35.1	2.5	2.3	0.001997
11:00	-8.8	-9.8	-3.9	8.0	34.3	33.1	2.5	2.3	0.001997
12:00	-10.8	-11.9	-5.1	8.1	28.8	27.6	2.1	2.0	0.00172
13:00	-13.5	-14.6	-7.2	8.2	24.7	23.5	1.7	1.6	0.001386
14:00	-14.8	-15.9	-8.3	8.4	23.7	22.1	1.6	1.4	0.001247
15:00	-14.9	-15.9	-8.7	8.4	24.7	23.2	1.5	1.4	0.001233
16:00	-16.0	-17.1	-9.3	8.4	22.3	21.0	1.4	1.3	0.001129
17:00	-16.1	-17.4	-9.6	8.3	22.7	20.5	1.4	1.3	0.001111
18:00	-14.0	-16.4	-8.9	8.2	31.6	23.3	1.7	1.4	0.001318
19:00	-13.2	-15.9	-8.7	8.0	36.3	25.8	1.8	1.4	0.001402
20:00	-13.0	-15.7	-8.8	7.8	38.5	27.4	1.8	1.4	0.00142
21:00	-11.8	-14.9	-8.3	7.6	45.0	30.8	2.0	1.5	0.00156
22:00	-11.2	-13.9	-8.1	7.4	48.7	35.6	2.1	1.7	0.001628
23:00	-11.9	-13.9	-8.5	7.1	46.4	37.5	2.0	1.7	0.001551
Avg	-11.1	-12.6	-6.3	8.2	35.0	30.6	2.1	1.9	0.001693
Max	-8.2	-9.1	-3.7	8.9	48.7	37.7	2.6	2.4	0.002098
Hr. of Max	05	05	00	00	22	05	05	05	05
Min	-16.1	-17.4	-9.6	7.1	22.3	20.5	1.4	1.3	0.001111
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/3/2017

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	0.001843	3.3	2.9	.00	29.31	992.7	-2.4	.00	55.7
01:00	0.001829	3.2	2.9	.00	29.30	992.3	-2.0	.00	66.4
02:00	0.001848	3.2	2.9	.00	29.30	992.3	-1.9	.00	56.1
03:00	0.001842	3.2	2.9	.00	29.29	992.0	-2.7	.00	62.6
04:00	0.001917	3.3	3.0	.00	29.30	992.1	-2.1	.00	38.7
05:00	0.001947	3.3	3.1	.00	29.31	992.7	-2.7	.00	47.1
06:00	0.001809	3.1	2.9	.00	29.33	993.1	-2.1	.00	60.2
07:00	0.001754	3.0	2.8	.00	29.35	993.8	.0	.00	70.0
08:00	0.001774	3.1	2.8	.00	29.36	994.2	36.8	.05	65.4
09:00	0.001751	3.0	2.8	.00	29.37	994.5	120.9	.17	43.3
10:00	0.001863	3.2	3.0	.00	29.38	994.8	255.4	.37	40.1
11:00	0.001849	3.2	2.9	.00	29.38	995.0	346.1	.50	282.7
12:00	0.001573	2.7	2.5	.00	29.37	994.7	300.2	.43	252.2
13:00	0.001267	2.2	2.0	.00	29.37	994.5	213.4	.31	277.4
14:00	0.001132	2.0	1.8	.00	29.38	994.9	148.2	.21	293.9
15:00	0.001133	2.0	1.8	.00	29.39	995.4	95.9	.14	292.5
16:00	0.001023	1.8	1.6	.00	29.42	996.2	245.9	.35	349.9
17:00	0.001003	1.8	1.6	.00	29.44	996.9	91.1	.13	356.7
18:00	0.001082	2.1	1.7	.00	29.46	997.6	-1.3	.00	16.9
19:00	0.001126	2.2	1.8	.00	29.48	998.3	-2.5	.00	34.7
20:00	0.001143	2.3	1.8	.00	29.49	998.9	-2.5	.00	47.8
21:00	0.001213	2.5	1.9	.00	29.50	999.1	-2.3	.00	34.1
22:00	0.001323	2.6	2.1	.00	29.51	999.5	-2.1	.00	41.1
23:00	0.001318	2.5	2.1	.00	29.52	999.7	-2.3	.00	55.9
Avg	0.001515	2.7	2.4	.00	29.39	995.2	76.0	.11	28.0
Max	0.001947	3.3	3.1	.00	29.52	999.7	346.1	.50	356.7
Hr. of Max	05	05	05	23	23	23	11	11	17
Min	0.001003	1.8	1.6	.00	29.29	992.0	-2.7	.00	16.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/3/2017

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	47.3	50.7	45.3	41.3	27.9	15.2	10.8	2.3	4.8
01:00	59.8	57.7	58.5	48.7	20.6	12.3	7.9	2.5	4.6
02:00	45.0	44.3	36.7	34.7	26.3	20.1	15.3	1.5	3.1
03:00	52.1	51.5	48.3	42.6	25.3	18.7	13.7	1.7	3.4
04:00	33.1	36.0	17.1	26.0	32.6	23.9	15.5	1.2	2.7
05:00	42.6	42.3	36.0	32.6	27.2	19.9	14.9	1.8	3.3
06:00	52.2	51.3	50.2	42.0	26.2	16.1	10.6	2.4	4.5
07:00	59.2	56.0	54.7	46.8	23.2	16.9	9.7	1.6	3.3
08:00	60.1	58.0	56.5	48.8	24.3	15.8	11.8	1.9	3.2
09:00	35.5	36.6	29.8	27.6	34.4	24.2	19.3	1.9	3.1
10:00	8.4	345.0	2.0	339.4	58.4	57.8	51.3	.7	1.3
11:00	302.3	309.0	273.9	299.8	62.9	44.8	39.4	1.6	2.0
12:00	265.0	266.4	252.6	260.8	27.5	23.6	23.6	4.7	5.8
13:00	291.3	295.8	275.5	288.5	25.6	20.4	17.9	5.9	7.3
14:00	300.2	300.7	289.6	292.8	32.4	24.9	20.3	4.9	6.8
15:00	300.8	301.0	287.9	293.5	36.3	29.1	26.4	3.7	4.8
16:00	359.7	355.7	341.2	345.6	28.6	20.8	17.1	4.2	5.8
17:00	359.5	356.7	344.2	345.8	35.2	25.4	23.1	2.9	4.5
18:00	15.5	13.4	1.0	2.8	25.5	15.0	16.4	1.8	3.7
19:00	25.0	16.0	21.1	5.1	22.1	13.7	14.4	2.1	4.7
20:00	26.3	17.4	32.8	6.6	27.0	17.4	16.2	1.8	4.2
21:00	34.1	34.6	22.9	23.5	16.7	10.0	9.5	2.3	5.5
22:00	39.1	41.7	31.4	31.1	18.2	9.1	7.2	2.1	5.3
23:00	51.0	49.2	48.9	39.5	21.5	13.5	9.3	3.2	7.1
Avg	20.0	18.0	14.0	8.0	29.4	21.2	17.6	.0	.0
Max	359.7	356.7	344.2	345.8	62.9	57.8	51.3	5.9	7.3
Hr. of Max	16	17	17	17	11	10	10	13	13
Min	8.4	13.4	1.0	2.8	16.7	9.1	7.2	.7	1.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/3/2017

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	6.1	2.5	5.0	6.2	2.9	6.5	-1.7	1.0	-.25
01:00	5.7	2.7	4.7	5.8	3.0	6.1	-1.3	-1.3	-.24
02:00	3.9	1.7	3.3	4.1	2.2	4.3	-4.6	1.3	-.22
03:00	4.3	1.8	3.6	4.4	2.4	4.7	-1.2	2.2	-.16
04:00	3.7	1.4	2.9	3.9	1.8	4.2	-.6	4.2	-.16
05:00	4.1	2.1	3.6	4.4	2.4	4.7	-1.8	.2	-.24
06:00	5.4	2.6	4.6	5.5	2.9	5.8	.1	-.7	-.13
07:00	4.1	1.7	3.4	4.2	2.1	4.4	-3.2	-2.3	-.21
08:00	4.0	2.1	3.3	4.1	2.3	4.3	-1.9	-.5	-.16
09:00	3.5	2.6	3.6	3.9	2.8	4.3	-1.4	-1.4	-.17
10:00	1.9	2.0	2.6	3.0	2.5	3.5	3.8	4.5	.10
11:00	2.4	2.6	3.0	3.4	3.1	4.1	2.6	-3.7	.01
12:00	6.2	5.4	6.5	7.0	6.0	7.5	-1.2	-1.0	-.30
13:00	8.2	6.5	7.8	8.6	6.8	8.9	-1.6	-2.0	-.45
14:00	8.5	5.6	7.4	8.9	5.9	9.2	-1.4	-3.4	-.47
15:00	5.7	4.5	5.8	6.5	4.8	6.9	-3.3	-2.8	-.52
16:00	6.4	4.6	6.2	6.7	5.1	7.2	-3.1	-2.9	-.53
17:00	5.2	3.4	5.0	5.8	3.8	6.2	-2.9	-.2	-.44
18:00	4.7	2.0	3.9	5.0	2.2	5.3	-2.7	.6	-.18
19:00	6.4	2.2	4.9	6.6	2.4	7.0	-1.6	1.1	-.14
20:00	5.9	2.0	4.4	6.1	2.3	6.5	.9	1.3	-.06
21:00	7.0	2.4	5.6	7.2	2.5	7.4	-4.7	.6	-.25
22:00	7.3	2.2	5.4	7.4	2.3	7.7	-4.1	.9	-.23
23:00	9.6	3.4	7.3	9.8	3.7	10.1	-.8	1.6	-.23
Avg	.0	2.9	4.7	5.8	3.3	6.1	-1.6	-.1	-.23
Max	9.6	6.5	7.8	9.8	6.8	10.1	3.8	4.5	.10
Hr. of Max	23	13	13	23	13	23	10	10	10
Min	1.9	1.4	2.6	3.0	1.8	3.5	-4.7	-3.7	-.53
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/3/2017

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	9.2	13.1	19.2	22.4	10.1	5.9	5.2
01:00	-.17	7.6	8.7	11.9	20.1	7.2	5.5	4.8
02:00	.00	7.8	12.8	13.5	19.2	11.2	5.1	4.4
03:00	.11	9.8	6.6	9.2	19.8	11.2	4.8	4.1
04:00	.24	5.0	6.9	8.0	23.5	12.1	4.5	3.8
05:00	-.06	6.6	8.9	9.2	23.3	10.8	4.2	3.5
06:00	-.12	7.8	9.8	14.7	22.0	8.8	3.9	3.2
07:00	-.20	4.8	10.5	9.4	20.9	8.7	3.5	2.9
08:00	-.06	5.7	6.6	6.9	21.4	9.5	3.5	2.8
09:00	-.07	7.3	7.6	7.6	23.8	17.2	3.8	3.0
10:00	.30	9.8	11.9	10.3	28.6	26.7	4.6	3.8
11:00	-.41	10.5	13.1	12.8	29.9	28.5	5.3	4.4
12:00	-.32	12.1	12.8	14.9	17.3	16.1	5.4	4.6
13:00	-.62	14.0	16.3	14.4	17.4	15.5	4.7	3.9
14:00	-.92	14.7	17.4	18.5	19.9	15.4	3.9	3.1
15:00	-.60	14.0	13.7	12.4	20.3	15.5	3.3	2.6
16:00	-.48	14.9	16.3	14.2	19.3	12.8	3.4	2.5
17:00	-.16	10.1	12.8	12.4	20.1	12.7	3.4	2.8
18:00	.03	6.2	7.8	10.8	14.8	8.6	2.6	2.4
19:00	.08	8.5	11.4	12.6	18.4	8.1	1.8	1.7
20:00	.09	6.6	10.3	15.1	21.9	9.9	1.2	1.0
21:00	.05	5.3	10.1	11.2	12.8	6.0	.4	.3
22:00	.08	6.4	9.6	16.7	14.5	5.5	-.4	-.5
23:00	.21	9.4	16.0	17.4	18.9	7.2	-1.1	-1.4
Avg	-.12	8.9	11.3	12.6	20.4	12.3	3.5	2.9
Max	.30	14.9	17.4	19.2	29.9	28.5	5.9	5.2
Hr. of Max	10	16	14	00	11	11	00	00
Min	-.92	4.8	6.6	6.9	12.8	5.5	-1.1	-1.4
Count	24	24	24	24	24	24	24	24
Total								