Date Printed: 06/07/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2017

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	19.3	19.8	20.0	20.2	.49	.72	.91	.23	.42
01:00	19.1	19.4	19.6	19.8	.33	.52	.69	.18	.35
02:00	18.9	19.0	19.2	19.4	.07	.26	.46	.18	.39
03:00	19.0	19.0	18.9	19.0	-.04	-.06	-.04	-.02	-.01
04:00	18.5	18.6	18.6	18.7	.06	.09	.19	.02	.12
05:00	18.5	18.4	18.4	18.4	-.07	-.09	-.10	-.03	-.03
06:00	18.2	18.1	18.1	18.1	-.06	-.11	-.13	-.06	-.08
07:00	18.4	18.3	18.2	18.1	-.15	-.25	-.28	-.10	-.13
08:00	19.5	19.3	18.9	19.0	-.24	-.60	-.46	-.36	-.22
09:00	21.2	20.6	19.6	20.0	-.64	-1.56	-1.25	-.92	-.61
10:00	22.7	22.2	21.8	21.3	-.51	-.89	-1.45	-.37	-.94
11:00	23.5	22.9	22.6	22.4	-.61	-.94	-1.09	-.34	-.48
12:00	24.4	23.6	23.2	23.0	-.79	-1.17	-1.32	-.38	-.53
13:00	25.4	24.5	24.1	23.9	-.90	-1.32	-1.52	-.42	-.62
14:00	25.9	25.2	24.9	24.7	-.66	-.99	-1.13	-.33	-.47
15:00	26.2	25.6	25.2	25.1	-.62	-.97	-1.09	-.35	-.47
16:00	26.3	25.9	25.5	25.4	-.46	-.77	-.95	-.32	-.49
17:00	26.2	25.8	25.4	25.2	-.43	-.77	-.95	-.34	-.52
18:00	25.3	25.1	24.8	24.7	-.24	-.47	-.57	-.24	-.34
19:00	23.9	23.9	23.7	23.7	-.02	-.16	-.20	-.14	-.18
20:00	22.0	22.4	22.4	22.5	.42	.49	.56	.08	.15
21:00	19.7	21.2	21.5	21.7	1.47	1.82	1.99	.35	.52
22:00	19.1	20.5	20.8	20.9	1.41	1.67	1.81	.27	.41
23:00	18.8	19.7	19.9	20.1	.92	1.13	1.30	.21	.37
Avg	21.7	21.6	21.5	21.5	-.05	-.18	-.19	-.13	-.14
Max	26.3	25.9	25.5	25.4	1.47	1.82	1.99	.35	.52
Hr. of Max	16	16	16	16	21	21	21	21	21
Min	18.2	18.1	18.1	18.1	-.90	-1.56	-1.52	-.92	-.94
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2017

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	18.7	19.4	18.9	21.9	98.5	100.0	16.0	16.7	0.014
01:00	18.5	19.2	18.7	21.9	98.5	101.2	15.8	16.6	0.013849
02:00	18.3	18.9	18.5	21.8	98.5	101.4	15.7	16.2	0.013722
03:00	18.4	18.8	18.6	21.7	98.4	101.6	15.7	16.2	0.013767
04:00	17.9	18.5	18.1	21.7	98.4	101.6	15.3	15.8	0.013363
05:00	17.9	18.3	18.1	21.6	98.5	101.5	15.2	15.7	0.013314
06:00	17.6	18.0	17.8	21.5	98.5	101.5	15.0	15.4	0.013108
07:00	17.8	18.1	18.0	21.4	98.5	101.4	15.2	15.5	0.013269
08:00	18.8	19.0	19.1	21.4	98.2	100.5	16.2	16.3	0.014157
09:00	18.7	18.3	19.5	21.3	87.9	89.1	15.9	15.6	0.014048
10:00	17.7	17.3	19.4	21.3	75.1	75.4	14.9	14.5	0.013188
11:00	17.4	16.8	19.5	21.4	70.4	70.2	14.6	14.1	0.012985
12:00	17.2	16.5	19.6	21.5	65.9	66.1	14.4	13.8	0.012801
13:00	17.2	16.4	20.0	21.6	62.0	62.1	14.4	13.7	0.012846
14:00	17.2	16.7	20.1	21.8	60.5	60.5	14.4	13.9	0.012862
15:00	17.2	16.6	20.2	22.0	59.3	59.1	14.3	13.8	0.012842
16:00	17.4	16.9	20.4	22.1	59.7	59.2	14.5	14.1	0.013043
17:00	16.7	16.2	19.8	22.3	57.2	56.9	13.8	13.4	0.012405
18:00	16.0	15.6	19.1	22.3	57.6	56.9	13.3	12.9	0.01186
19:00	15.8	15.4	18.5	22.4	61.9	60.5	13.2	12.9	0.011692
20:00	14.5	14.0	17.0	22.4	63.8	60.5	12.2	11.8	0.010716
21:00	14.3	13.0	16.1	22.4	72.4	60.6	12.1	11.1	0.010578
22:00	13.2	11.7	15.2	22.3	69.7	58.1	11.3	10.2	0.00982
23:00	12.1	11.3	14.4	22.2	66.6	59.3	10.6	10.0	0.009163
Avg	16.9	16.7	18.5	21.8	78.2	77.7	14.3	14.2	0.012642
Max	18.8	19.4	20.4	22.4	98.5	101.6	16.2	16.7	0.014157
Hr. of Max	08	00	16	21	07	04	08	00	08
Min	12.1	11.3	14.4	21.3	57.2	56.9	10.6	10.0	0.009163
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2017

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	0.014654	21.6	22.5	.00	28.92	979.3	-3.0	.00	57.8
01:00	0.014537	21.3	22.4	.00	28.92	979.3	-2.8	.00	235.9
02:00	0.014202	21.1	21.9	.00	28.91	979.0	-2.9	.00	222.1
03:00	0.014175	21.2	21.8	.00	28.91	978.9	-2.4	.00	110.9
04:00	0.013848	20.6	21.3	.00	28.91	978.9	-2.6	.00	73.4
05:00	0.013673	20.5	21.1	.00	28.91	979.1	-2.3	.00	70.2
06:00	0.013459	20.2	20.7	.00	28.92	979.4	7.7	.01	60.9
07:00	0.013531	20.5	20.9	.00	28.93	979.8	88.3	.13	61.5
08:00	0.014272	21.8	22.0	.00	28.95	980.2	195.6	.28	63.5
09:00	0.013686	21.7	21.1	.00	28.95	980.5	484.5	.69	85.8
10:00	0.012828	20.4	19.8	.00	28.95	980.4	491.0	.70	78.9
11:00	0.012481	20.0	19.3	.00	28.94	980.1	558.1	.80	76.3
12:00	0.012236	19.8	18.9	.00	28.93	979.8	758.6	1.09	91.2
13:00	0.012192	19.8	18.8	.00	28.92	979.4	888.0	1.27	81.9
14:00	0.012377	19.8	19.1	.00	28.90	978.9	658.8	.94	79.7
15:00	0.012349	19.8	19.0	.00	28.89	978.5	549.0	.79	79.4
16:00	0.012581	20.1	19.4	.00	28.88	978.1	423.0	.61	65.3
17:00	0.012015	19.1	18.5	.00	28.88	978.1	425.1	.61	55.3
18:00	0.011542	18.3	17.8	.00	28.88	978.1	282.6	.41	51.9
19:00	0.011415	18.0	17.6	.00	28.89	978.3	144.2	.21	50.2
20:00	0.010418	16.6	16.1	.00	28.91	978.9	23.3	.03	42.1
21:00	0.009699	16.4	15.0	.00	28.93	979.6	-2.4	.00	39.8
22:00	0.008931	15.2	13.9	.00	28.95	980.3	-2.1	.00	32.1
23:00	0.008651	14.2	13.5	.00	28.96	980.7	-2.6	.00	46.3
Avg	0.01249	19.5	19.3	.00	28.92	979.3	248.1	.36	67.0
Max	0.014654	21.8	22.5	.00	28.96	980.7	888.0	1.27	235.9
Hr. of Max	00	08	00	23	23	23	13	13	01
Min	0.008651	14.2	13.5	.00	28.88	978.1	-3.0	.00	32.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2017

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	29.1	194.3	278.1	189.1	51.6	42.8	27.6	.2	.3
01:00	247.6	232.9	249.0	228.8	41.7	16.2	13.4	1.4	2.8
02:00	230.0	237.1	227.6	232.9	28.1	11.2	10.5	1.9	3.4
03:00	298.7	304.3	259.8	299.3	49.2	34.9	27.7	.1	.6
04:00	326.9	277.6	309.6	279.9	30.9	39.5	28.4	.3	.6
05:00	15.9	3.4	43.3	351.3	33.9	42.5	25.4	.4	.7
06:00	35.0	33.2	30.0	22.2	23.3	24.4	23.4	.8	1.6
07:00	42.4	48.9	36.8	39.0	22.9	16.9	11.8	1.2	2.5
08:00	55.6	55.9	51.9	46.7	29.1	22.5	17.1	2.0	3.2
09:00	77.1	72.7	81.4	63.9	23.7	24.3	21.4	3.3	3.9
10:00	63.7	60.4	72.7	52.0	27.8	29.0	24.1	3.1	3.5
11:00	63.6	63.0	70.2	51.3	35.8	31.8	31.2	2.7	3.0
12:00	86.3	82.0	86.4	72.5	27.3	24.9	19.5	3.6	4.1
13:00	72.7	72.2	81.5	62.3	41.5	46.5	37.5	2.6	2.8
14:00	76.9	73.0	73.7	63.9	35.4	38.1	35.4	3.2	3.8
15:00	72.7	68.2	71.9	58.8	27.8	23.7	20.1	3.6	4.8
16:00	56.5	55.8	58.9	46.8	37.6	27.5	18.8	3.5	5.8
17:00	48.6	46.3	50.0	36.3	31.7	21.7	14.6	4.1	7.1
18:00	42.8	42.4	43.8	31.8	31.3	18.6	11.4	4.2	8.3
19:00	42.4	40.7	43.3	30.2	33.1	16.1	11.5	3.8	7.8
20:00	35.9	35.8	29.1	24.7	32.0	14.4	10.2	2.9	7.1
21:00	33.8	33.8	28.6	22.1	26.0	10.4	7.9	2.5	6.8
22:00	27.0	26.3	24.0	14.6	27.2	12.6	9.7	3.0	7.1
23:00	35.3	34.4	38.2 +	23.0	26.6	12.3	8.8	2.9	7.0
Avg	43.0	44.0	44.0	33.0	32.3	25.1	19.5	.0	.0
Max	326.9	304.3	309.6	351.3	51.6	46.5	37.5	4.2	8.3
Hr. of Max	04	03	04	05	00	13	13	18	18
Min	15.9	3.4	24.0	14.6	22.9	10.4	7.9	.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)

6/6/2017

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	.8	.4	.7	1.1	.9	1.4	2.6	.8	.03
01:00	3.2	1.6	3.0	3.4	2.1	3.6	.1	-.8	-.04
02:00	3.4	2.2	3.5	3.6	2.6	3.8	-.1	-.9	-.03
03:00	.9	.6	1.4	2.0	1.2	2.2	-3.7	-3.7	-.11
04:00	.6	1.3	1.8	1.9	1.8	2.2	-1.7	-2.0	-.11
05:00	1.1	.9	1.4	1.9	1.4	2.2	.2	-1.9	-.04
06:00	1.7	.9	1.7	1.9	1.3	2.2	-4.7	2.9	-.18
07:00	3.3	1.4	2.6	3.4	1.7	3.6	-.3	-.1	-.09
08:00	4.1	2.2	3.4	4.3	2.6	4.6	1.6	2.5	-.06
09:00	4.3	3.6	4.2	4.6	4.0	5.1	-.7	5.3	-.10
10:00	4.3	3.4	4.0	4.8	3.8	5.2	-.4	4.1	-.08
11:00	3.5	3.1	3.7	4.2	3.5	4.7	-1.6	6.8	-.12
12:00	4.7	4.0	4.6	5.1	4.5	5.7	1.9	-2.5	.10
13:00	3.6	3.2	3.5	4.2	3.8	4.9	.8	1.5	-.04
14:00	4.3	3.8	4.5	5.0	4.3	5.5	-.8	6.5	-.18
15:00	5.4	4.1	5.5	6.0	4.7	6.5	.2	3.9	-.08
16:00	7.7	4.0	6.3	8.1	4.6	8.7	1.4	7.1	.01
17:00	9.4	4.6	7.6	9.7	5.3	10.2	.1	3.3	-.36
18:00	10.8	4.7	8.6	11.0	5.5	11.4	-1.4	.1	-.47
19:00	9.8	4.3	8.1	10.0	4.7	10.5	-2.3	.0	-.48
20:00	9.4	3.4	7.3	9.5	3.8	10.0	.8	.5	-.23
21:00	9.3	2.7	7.0	9.4	3.0	9.8	-1.4	.3	-.22
22:00	9.5	3.3	7.3	9.6	3.5	10.1	-1.8	.6	-.30
23:00	9.9	3.1	7.2	10.0	3.5	10.4	.1	.4	-.18
Avg	.0	2.8	4.5	5.6	3.3	6.0	-.5	1.4	-.14
Max	10.8	4.7	8.6	11.0	5.5	11.4	2.6	7.1	.10
Hr. of Max	18	18	18	18	18	18	00	16	12
Min	.6	.4	.7	1.1	.9	1.4	-4.7	-3.7	-.48
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2017

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	.01	2.3	4.1	4.8	9.8	8.3	21.2	21.4
01:00	-.06	4.1	5.0	5.3	10.4	4.3	20.8	20.9
02:00	-.07	4.8	6.4	7.1	9.6	4.8	20.4	20.5
03:00	-.13	4.1	6.6	8.2	15.8	9.4	20.4	20.0
04:00	-.17	4.4	7.3	7.1	12.8	13.6	19.9	19.7
05:00	-.10	4.6	4.4	4.8	16.5	12.8	19.7	19.3
06:00	.04	3.9	4.4	4.1	18.4	17.1	19.5	19.0
07:00	-.04	4.1	6.0	6.6	23.6	10.0	19.7	19.1
08:00	.16	7.1	7.3	8.9	23.8	13.7	20.9	20.2
09:00	.31	8.9	10.1	11.0	18.8	19.2	22.0	21.3
10:00	.30	10.3	11.4	11.9	21.5	18.8	23.4	22.6
11:00	.43	10.5	10.1	10.8	25.0	22.0	24.1	23.3
12:00	-.21	10.1	9.6	10.5	21.5	19.6	24.8	23.9
13:00	.02	9.8	9.6	9.8	26.7	27.1	25.7	24.8
14:00	.52	11.9	12.1	10.8	21.5	21.3	26.4	25.6
15:00	.38	9.4	11.7	11.2	20.9	15.3	26.7	25.8
16:00	.80	15.1	14.9	16.7	24.6	16.1	27.0	26.1
17:00	.35	13.1	17.6	16.9	24.2	12.0	26.8	25.9
18:00	-.16	16.9	19.9	19.5	23.0	9.7	26.1	25.3
19:00	-.15	13.3	17.4	20.2	22.9	9.9	24.8	24.3
20:00	-.04	12.4	18.3	17.6	23.7	8.9	23.2	23.0
21:00	.00	9.2	14.7	18.1	19.5	6.1	21.9	22.1
22:00	-.01	8.9	17.2	24.3	20.0	8.4	21.2	21.3
23:00	-.03	10.8	17.2	19.2	20.1	7.4	20.3	20.4
Avg	.09	8.8	11.0	11.9	19.8	13.2	22.8	22.3
Max	.80	16.9	19.9	24.3	26.7	27.1	27.0	26.1
Hr. of Max	16	18	18	22	13	13	16	16
Min	-.21	2.3	4.1	4.1	9.6	4.3	19.5	19.0
Count	24	24	24	24	24	24	24	24
Total								