Date Printed: 04/10/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/9/2017

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	5.8	8.4	9.4	11.4	2.63	3.60	5.64	.97	3.01
01:00	5.0	7.3	8.3	10.2	2.31	3.25	5.21	.95	2.90
02:00	4.1	6.6	7.2	9.0	2.56	3.19	4.94	.63	2.38
03:00	3.3	5.5	6.3	7.7	2.21	3.02	4.46	.81	2.25
04:00	3.0	5.0	5.9	7.3	1.97	2.83	4.25	.87	2.28
05:00	3.0	4.7	5.4	7.3	1.68	2.46	4.27	.78	2.59
06:00	2.3	4.0	4.9	6.3	1.71	2.56	3.99	.84	2.28
07:00	2.7	4.0	4.8	5.8	1.30	2.06	3.06	.77	1.77
08:00	6.2	6.1	6.1	6.5	-.11	-.12	.30	-.02	.40
09:00	10.7	10.3	10.0	9.8	-.36	-.67	-.85	-.31	-.49
10:00	13.7	13.3	13.0	12.8	-.38	-.75	-.96	-.37	-.58
11:00	16.6	16.1	15.7	15.6	-.54	-.86	-.97	-.32	-.43
12:00	19.3	18.7	18.4	18.2	-.65	-.98	-1.10	-.32	-.45
13:00	21.3	20.5	20.2	20.0	-.80	-1.15	-1.32	-.36	-.52
14:00	22.7	21.9	21.6	21.4	-.83	-1.17	-1.32	-.34	-.49
15:00	23.7	22.9	22.6	22.4	-.77	-1.13	-1.27	-.36	-.49
16:00	24.6	23.9	23.6	23.4	-.65	-.97	-1.18	-.32	-.53
17:00	24.8	24.4	24.0	23.8	-.39	-.75	-.93	-.36	-.54
18:00	24.2	24.2	23.9	23.8	.02	-.25	-.34	-.27	-.35
19:00	22.2	22.9	22.9	23.0	.71	.75	.89	.04	.18
20:00	17.6	21.2	21.6	21.9	3.61	4.06	4.34	.45	.72
21:00	15.4	18.7	20.4	21.0	3.29	4.94	5.53	1.65	2.23
22:00	13.5	17.2	19.5	20.2	3.67	5.94	6.65	2.27	2.98
23:00	12.7	18.5	19.5	19.9	5.88	6.85	7.27	.96	1.39
Avg	13.3	14.4	14.8	15.4	1.17	1.53	2.11	.36	.94
Max	24.8	24.4	24.0	23.8	5.88	6.85	7.27	2.27	3.01
Hr. of Max	17	17	17	18	23	23	23	22	00
Min	2.3	4.0	4.8	5.8	-.83	-1.17	-1.32	-.37	-.58
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/9/2017

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	.8	.3	2.5	14.2	71.0	57.3	5.1	4.8	0.004125
01:00	1.0	1.2	2.3	14.0	75.5	65.7	5.1	5.2	0.004159
02:00	.7	.7	1.8	13.8	79.3	66.6	5.0	5.0	0.004076
03:00	.4	.7	1.4	13.5	82.1	71.9	4.9	5.0	0.003992
04:00	.6	.9	1.4	13.3	84.8	75.5	5.0	5.1	0.004057
05:00	.9	1.3	1.6	13.1	86.6	79.4	5.1	5.2	0.004128
06:00	.8	1.7	1.3	12.9	90.6	85.3	5.1	5.4	0.004111
07:00	1.3	1.6	1.8	12.7	91.1	85.1	5.3	5.4	0.004255
08:00	2.7	1.7	3.9	12.4	78.8	74.2	5.8	5.4	0.004692
09:00	2.3	1.1	5.1	12.3	57.5	53.9	5.6	5.1	0.004612
10:00	-.3	-1.7	4.4	12.2	38.9	36.0	4.6	4.1	0.003839
11:00	-.4	-2.5	5.2	12.4	32.1	28.7	4.5	3.9	0.003806
12:00	-.6	-2.8	6.0	12.8	26.8	23.8	4.4	3.8	0.003782
13:00	-1.0	-3.4	6.4	13.3	23.0	20.4	4.3	3.6	0.00368
14:00	-1.8	-4.4	6.4	13.9	20.0	17.5	4.0	3.4	0.003489
15:00	-2.4	-5.0	6.3	14.5	18.2	15.7	3.9	3.2	0.003361
16:00	-1.6	-4.2	7.1	14.8	18.3	15.7	4.1	3.4	0.003561
17:00	-2.0	-4.3	6.9	15.1	17.5	15.2	4.0	3.4	0.003457
18:00	-2.0	-3.8	6.7	15.4	18.1	15.9	4.0	3.5	0.003452
19:00	-1.5	-3.0	6.4	15.5	21.3	18.1	4.1	3.7	0.003571
20:00	.9	-2.7	6.5	15.6	33.3	20.6	4.9	3.8	0.004208
21:00	1.3	-1.1	6.0	15.5	39.0	26.9	5.1	4.3	0.004308
22:00	2.0	-.6	5.9	15.4	46.3	30.4	5.4	4.4	0.004523
23:00	3.0	-1.6	6.2	15.3	52.5	26.1	5.8	4.1	0.004836
Avg	.2	-1.2	4.6	13.9	50.1	42.7	4.8	4.3	0.004003
Max	3.0	1.7	7.1	15.6	91.1	85.3	5.8	5.4	0.004836
Hr. of Max	23	08	16	20	07	06	23	08	23
Min	-2.4	-5.0	1.3	12.2	17.5	15.2	3.9	3.2	0.003361
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/9/2017

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	0.003986	6.5	6.3	.00	29.17	987.8	-2.3	.00	79.0
01:00	0.004247	6.6	6.7	.00	29.17	987.9	-2.4	.00	81.1
02:00	0.004092	6.4	6.5	.00	29.18	988.1	-2.3	.00	75.0
03:00	0.00408	6.3	6.4	.00	29.17	988.0	-2.2	.00	92.1
04:00	0.004147	6.4	6.5	.00	29.18	988.1	-2.5	.00	73.6
05:00	0.004258	6.5	6.7	.00	29.19	988.5	-2.2	.00	68.6
06:00	0.004368	6.5	6.9	.00	29.21	989.1	-2.4	.00	110.4
07:00	0.004352	6.7	6.9	.00	29.24	990.1	39.1	.06	81.6
08:00	0.004389	7.4	6.9	.00	29.27	991.3	248.0	.36	93.0
09:00	0.004222	7.3	6.7	.00	29.28	991.5	441.9	.63	69.3
10:00	0.003459	6.1	5.5	.00	29.28	991.6	675.8	.97	64.3
11:00	0.00328	6.0	5.2	.00	29.28	991.4	832.5	1.19	125.7
12:00	0.003222	6.0	5.1	.00	29.25	990.6	901.9	1.29	164.1
13:00	0.003099	5.8	4.9	.00	29.23	990.0	941.1	1.35	179.2
14:00	0.00289	5.5	4.6	.00	29.22	989.4	958.7	1.37	195.7
15:00	0.002767	5.3	4.4	.00	29.19	988.6	841.5	1.21	214.8
16:00	0.002935	5.6	4.6	.00	29.17	987.8	722.5	1.04	228.3
17:00	0.002929	5.5	4.6	.00	29.15	987.3	435.3	.62	232.5
18:00	0.003032	5.4	4.8	.00	29.15	987.2	168.0	.24	231.5
19:00	0.00319	5.6	5.0	.00	29.15	987.3	43.0	.06	231.0
20:00	0.003269	6.6	5.2	.00	29.15	987.3	-2.3	.00	252.7
21:00	0.003657	6.8	5.8	.00	29.17	987.9	-3.1	.00	62.9
22:00	0.003761	7.1	5.9	.00	29.19	988.6	-2.2	.00	88.9
23:00	0.003503	7.6	5.5	.00	29.20	988.7	-2.0	.00	240.2
Avg	0.003631	6.3	5.7	.00	29.20	988.9	301.0	.43	124.0
Max	0.004389	7.6	6.9	.00	29.28	991.6	958.7	1.37	252.7
Hr. of Max	08	23	08	23	11	10	14	14	20
Min	0.002767	5.3	4.4	.00	29.15	987.2	-3.1	.00	62.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/9/2017

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	37.9	172.2	64.1	131.7	8.2	24.2	23.7	.5	.7
01:00	63.1	55.0	55.8	46.2	9.4	9.6	6.9	.5	1.9
02:00	62.6	69.1	35.3	60.9	4.9	9.7	5.7	.2	1.2
03:00	67.8	60.6	35.0	51.4	22.4	23.2	10.7	.3	.8
04:00	58.8	53.8	61.8	45.0	13.5	7.5	5.4	.8	1.9
05:00	64.0	42.3	51.1	31.4	23.0	8.3	12.1	.9	2.7
06:00	64.3	65.1	255.9	59.1	41.5	39.9	7.8	.2	1.6
07:00	55.1	51.6	78.8	42.1	9.4	10.5	3.3	.9	3.0
08:00	62.4	56.1	94.0	47.5	12.5	21.5	10.8	.9	1.4
09:00	55.8	58.4	64.6	50.1	25.7	25.1	16.5	2.5	3.3
10:00	59.0	53.2	56.3	44.3	44.9	38.3	34.8	2.0	2.8
11:00	135.2	130.2	131.2	123.9	55.9	61.7	58.6	1.5	1.3
12:00	177.1	178.7	166.3	173.2	42.0	35.7	35.7	3.6	4.3
13:00	189.6	191.3	180.7	186.7	31.1	25.0	22.0	6.8	8.3
14:00	205.3	207.1	195.9	202.6	27.7	23.6	21.1	6.9	8.4
15:00	220.6	218.2	216.0	214.1	25.0	19.4	17.5	8.0	9.9
16:00	233.2	231.6	228.2	226.9	32.4	26.2	23.2	6.4	8.3
17:00	235.5	232.1	233.5	228.5	23.9	17.3	13.4	7.2	9.7
18:00	236.6	233.2	232.5	229.5	21.5	13.5	9.7	6.7	9.3
19:00	233.8	229.2	232.9	225.4	17.2	10.8	7.7	3.9	6.7
20:00	232.2	215.1	248.6	211.1	21.5	7.0	7.0	1.3	3.3
21:00	238.4	209.7	21.3	205.5	29.9	52.7	11.0	.2	1.0
22:00	239.7	202.1	128.7	197.5	20.5	15.2	7.0	.0	1.6
23:00	220.5	202.9	240.5	198.4	45.1	12.7	9.6	2.2	4.7
Avg	145.0	153.0	128.0	143.0	25.4	22.4	15.9	.0	.0
Max	239.7	233.2	255.9	229.5	55.9	61.7	58.6	8.0	9.9
Hr. of Max	22	18	06	18	11	11	11	15	15
Min	37.9	42.3	21.3	31.4	4.9	7.0	3.3	.0	.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/9/2017

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	.0	.5	.7	.7	.8	1.1	1.6	-1.1	.02
01:00	2.6	.5	1.9	2.6	.8	2.8	1.5	1.6	.02
02:00	2.6	.2	1.2	2.7	.7	2.9	1.1	.9	.01
03:00	1.4	.4	1.0	1.4	1.0	1.7	2.0	.4	.05
04:00	3.4	.9	2.0	3.4	1.2	3.6	2.1	1.6	.03
05:00	2.9	1.1	2.7	3.2	1.3	3.4	.8	3.0	.01
06:00	2.0	1.0	1.6	2.0	1.3	2.3	1.8	.8	.04
07:00	5.6	.9	3.1	5.7	1.2	5.9	2.6	1.0	.06
08:00	3.8	.9	1.5	3.8	1.4	4.0	5.0	-.5	.20
09:00	4.4	2.8	3.6	4.6	3.3	5.0	3.5	6.7	.13
10:00	3.1	2.6	3.2	3.5	3.2	4.0	-1.8	8.3	-.15
11:00	1.4	2.5	2.7	3.0	3.1	3.6	-7.7	-6.2	-.41
12:00	4.9	4.7	5.3	5.7	5.3	6.4	1.6	-.3	.10
13:00	9.7	8.0	9.3	10.6	8.6	11.3	3.3	1.1	.22
14:00	9.8	7.8	9.3	10.5	8.6	11.4	2.2	1.1	.07
15:00	11.3	8.9	10.6	11.9	9.5	12.5	1.1	.1	-.03
16:00	9.7	7.4	9.2	10.5	8.3	11.2	1.3	.9	-.01
17:00	11.4	7.8	10.1	11.7	8.3	12.5	1.0	-2.8	-.19
18:00	11.2	7.1	9.6	11.4	7.7	12.1	-.1	-2.7	-.20
19:00	8.9	4.1	6.8	9.0	4.5	9.5	.6	-1.0	-.02
20:00	5.1	1.4	3.4	5.2	1.7	5.5	1.0	-.9	.00
21:00	3.7	.3	1.2	3.8	.6	4.0	1.3	-1.1	.02
22:00	4.9	.0	1.7	4.9	.5	5.2	2.8	-1.4	.04
23:00	7.4	2.3	4.8	7.5	2.7	7.8	.4	-1.8	-.02
Avg	.0	3.1	4.4	5.8	3.6	6.2	1.2	.3	.00
Max	11.4	8.9	10.6	11.9	9.5	12.5	5.0	8.3	.22
Hr. of Max	17	15	15	15	15	17	08	10	13
Min	.0	.0	.7	.7	.5	1.1	-7.7	-6.2	-.41
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/9/2017

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	-.02	1.8	2.1	2.1	7.1	5.0	8.5	11.4
01:00	.09	2.3	3.9	4.4	8.3	4.2	7.5	10.3
02:00	.04	1.8	3.4	5.0	7.8	2.4	6.7	9.0
03:00	.02	2.1	2.7	4.1	6.6	3.7	5.6	7.7
04:00	.10	3.2	3.2	4.8	7.5	3.2	5.1	7.4
05:00	.18	3.0	4.4	7.6	9.8	2.9	4.8	7.4
06:00	.06	3.0	4.4	5.7	6.5	4.9	4.2	6.3
07:00	.10	3.7	7.6	11.4	9.4	2.4	4.3	5.8
08:00	-.10	3.7	4.1	9.4	23.5	9.9	6.5	6.5
09:00	.44	7.8	9.8	10.1	23.0	16.5	10.6	9.7
10:00	.52	10.1	11.9	11.9	27.7	26.4	13.5	12.5
11:00	-.44	8.0	8.5	9.8	26.5	28.9	16.0	15.3
12:00	-.07	11.7	11.9	12.8	20.9	23.9	18.5	17.6
13:00	-.11	18.8	19.9	21.3	17.9	17.9	20.2	19.3
14:00	-.13	19.5	20.8	27.0	17.6	18.2	21.5	20.6
15:00	-.32	18.8	27.7	35.7	15.0	13.4	22.5	21.6
16:00	-.05	19.5	24.5	22.7	16.6	13.8	23.5	22.6
17:00	-.74	16.3	28.9	30.5	16.1	10.2	24.0	23.1
18:00	-.64	22.7	24.5	30.7	13.8	7.3	23.9	23.2
19:00	-.22	13.1	14.7	17.6	11.5	5.4	22.7	22.6
20:00	-.10	7.3	12.6	13.5	8.1	5.1	21.1	21.6
21:00	-.09	1.8	3.7	7.6	8.7	5.8	18.6	20.7
22:00	-.15	1.4	3.7	8.9	14.2	4.8	17.1	19.9
23:00	-.30	7.8	11.2	14.7	13.5	7.5	18.5	19.6
Avg	-.08	8.7	11.3	13.7	14.1	10.2	14.4	15.1
Max	.52	22.7	28.9	35.7	27.7	28.9	24.0	23.2
Hr. of Max	10	18	17	15	10	11	17	18
Min	-.74	1.4	2.1	2.1	6.5	2.4	4.2	5.8
Count	24	24	24	24	24	24	24	24
Total								