Date Printed: 02/20/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/19/2017

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	9.4	9.7	9.8	9.7	.38	.41	.39	.03	.01
01:00	9.3	9.7	9.7	9.6	.44	.45	.39	.01	-.05
02:00	9.3	9.7	9.6	9.6	.39	.36	.33	-.03	-.06
03:00	9.5	9.7	9.6	9.6	.22	.13	.08	-.09	-.14
04:00	9.4	9.6	9.6	9.6	.19	.17	.17	-.01	-.02
05:00	9.3	9.5	9.5	9.5	.18	.20	.19	.01	.01
06:00	9.4	9.5	9.5	9.5	.10	.11	.11	.00	.01
07:00	9.4	9.5	9.5	9.5	.12	.08	.04	-.03	-.08
08:00	9.8	9.7	9.6	9.5	-.05	-.19	-.25	-.14	-.20
09:00	10.5	10.4	10.0	10.0	-.15	-.49	-.53	-.33	-.38
10:00	12.4	12.1	11.8	11.6	-.35	-.62	-.84	-.27	-.48
11:00	13.5	13.2	12.9	12.8	-.30	-.57	-.69	-.26	-.39
12:00	14.6	14.1	13.7	13.6	-.54	-.85	-1.00	-.31	-.46
13:00	15.5	15.2	14.9	14.7	-.37	-.67	-.82	-.30	-.45
14:00	16.8	16.2	15.8	15.6	-.67	-1.00	-1.20	-.34	-.53
15:00	17.4	16.9	16.6	16.4	-.54	-.85	-1.03	-.31	-.49
16:00	17.9	17.5	17.2	17.1	-.41	-.68	-.81	-.27	-.40
17:00	17.3	17.6	17.4	17.3	.35	.14	.02	-.20	-.32
18:00	13.3	16.1	16.7	17.0	2.84	3.36	3.68	.52	.83
19:00	11.0	13.7	14.7	15.7	2.72	3.67	4.66	.95	1.94
20:00	9.7	11.9	13.1	14.8	2.23	3.46	5.10	1.23	2.87
21:00	8.1	10.6	11.7	13.4	2.47	3.53	5.27	1.07	2.80
22:00	7.5	9.4	10.5	12.4	1.93	3.01	4.89	1.08	2.96
23:00	6.2	8.3	9.2	11.0	2.08	2.99	4.76	.91	2.68
Avg	11.5	12.1	12.2	12.5	.55	.67	.95	.12	.40
Max	17.9	17.6	17.4	17.3	2.84	3.67	5.27	1.23	2.96
Hr. of Max	16	17	17	17	18	19	21	20	22
Min	6.2	8.3	9.2	9.5	-.67	-1.00	-1.20	-.34	-.53
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	8.9	9.3	9.0	9.3	97.8	98.4	8.7	9.0	0.007274
01:00	8.7	9.3	8.9	9.3	97.7	98.6	8.7	9.0	0.007219
02:00	8.8	9.3	8.9	9.3	97.8	98.6	8.7	9.0	0.007231
03:00	9.0	9.3	9.1	9.3	97.8	98.7	8.8	9.0	0.007329
04:00	8.9	9.3	9.1	9.3	97.8	98.9	8.8	9.0	0.007294
05:00	8.8	9.2	9.0	9.3	97.8	99.0	8.7	8.9	0.007258
06:00	8.9	9.2	9.0	9.4	97.8	99.0	8.7	8.9	0.007273
07:00	8.9	9.2	9.1	9.4	97.9	99.1	8.8	8.9	0.00729
08:00	9.3	9.4	9.5	9.4	98.1	98.9	9.0	9.0	0.007477
09:00	10.0	9.8	10.2	9.4	97.7	97.5	9.4	9.3	0.007819
10:00	9.9	9.4	10.7	9.5	85.6	84.8	9.3	9.0	0.00777
11:00	8.6	8.2	10.2	9.7	73.1	72.6	8.5	8.3	0.007122
12:00	8.3	7.5	10.4	9.9	66.7	65.8	8.3	7.9	0.00698
13:00	7.4	6.9	10.1	10.2	59.1	58.7	7.8	7.5	0.006578
14:00	7.5	6.7	10.6	10.6	55.0	54.4	7.8	7.4	0.006645
15:00	7.1	6.4	10.5	10.9	51.4	50.9	7.6	7.3	0.006466
16:00	6.9	6.2	10.6	11.1	49.4	48.2	7.5	7.1	0.006379
17:00	7.3	6.3	10.7	11.3	52.9	48.3	7.7	7.2	0.00657
18:00	8.1	7.2	9.8	11.4	72.0	56.2	8.2	7.6	0.006905
19:00	7.7	7.8	8.8	11.5	81.3	68.5	8.1	8.1	0.00672
20:00	7.6	7.9	8.3	11.4	87.6	77.4	8.0	8.1	0.006629
21:00	6.9	7.8	7.3	11.3	92.9	83.5	7.7	8.1	0.006324
22:00	6.8	7.6	7.0	11.2	96.0	89.2	7.6	8.0	0.006269
23:00	5.7	7.5	5.9	11.0	97.3	95.6	7.1	8.0	0.005817
Avg	8.2	8.2	9.3	10.2	83.3	80.9	8.3	8.3	0.006943
Max	10.0	9.8	10.7	11.5	98.1	99.1	9.4	9.3	0.007819
Hr. of Max	09	09	17	19	08	07	09	09	09
Min	5.7	6.2	5.9	9.3	49.4	48.2	7.1	7.1	0.005817
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/19/2017

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	0.007507	11.4	11.7	.00	29.08	984.7	-2.1	.00	154.1
01:00	0.007502	11.3	11.7	.00	29.08	984.9	-1.0	.00	191.3
02:00	0.007487	11.3	11.7	.00	29.09	985.1	-.6	.00	214.0
03:00	0.007507	11.5	11.7	.00	29.09	985.0	-2.0	.00	58.6
04:00	0.007473	11.4	11.7	.00	29.09	985.0	-2.6	.00	20.5
05:00	0.007436	11.4	11.6	.00	29.11	985.8	-3.9	-.01	205.2
06:00	0.007416	11.4	11.6	.00	29.13	986.4	-3.7	-.01	191.5
07:00	0.007437	11.4	11.7	.00	29.14	987.0	1.1	.00	153.9
08:00	0.007512	11.7	11.8	.00	29.16	987.7	49.5	.07	207.2
09:00	0.007721	12.3	12.1	.00	29.20	989.0	185.4	.27	162.2
10:00	0.007513	12.2	11.8	.00	29.22	989.6	474.2	.68	100.1
11:00	0.006932	11.2	10.9	.00	29.23	989.9	256.7	.37	45.3
12:00	0.006643	11.0	10.5	.00	29.22	989.6	525.0	.75	104.4
13:00	0.006375	10.3	10.0	.00	29.20	988.9	395.5	.57	124.8
14:00	0.006304	10.4	9.9	.00	29.18	988.3	653.6	.94	85.7
15:00	0.006181	10.2	9.7	.00	29.18	988.3	487.5	.70	96.7
16:00	0.006058	10.0	9.5	.00	29.19	988.6	357.8	.51	130.0
17:00	0.006141	10.3	9.7	.00	29.19	988.6	135.1	.19	128.4
18:00	0.006479	10.9	10.2	.00	29.20	988.9	3.4	.00	80.3
19:00	0.006774	10.6	10.7	.00	29.21	989.3	-3.0	.00	81.5
20:00	0.00679	10.4	10.7	.00	29.22	989.6	-2.2	.00	85.3
21:00	0.006717	10.0	10.6	.00	29.23	990.0	-2.2	.00	87.9
22:00	0.00664	9.9	10.5	.00	29.24	990.2	-2.3	.00	82.0
23:00	0.006593	9.2	10.4	.00	29.25	990.5	-2.4	.00	105.9
Avg	0.006964	10.9	10.9	.00	29.17	988.0	145.7	.21	118.0
Max	0.007721	12.3	12.1	.00	29.25	990.5	653.6	.94	214.0
Hr. of Max	09	09	09	23	23	23	14	14	02
Min	0.006058	9.2	9.5	.00	29.08	984.7	-3.9	-.01	20.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/19/2017

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	253.0	253.3	212.5	249.1	5.9	16.9	10.4	.1	1.1
01:00	229.9	241.6	245.4	236.6	32.7	21.0	31.1	.5	1.1
02:00	243.2	230.3	241.2	226.1	26.5	10.1	8.3	.9	2.3
03:00	341.0	309.3	345.0	291.3	27.0	21.6	21.2	.2	.6
04:00	12.7	20.7	333.9	10.5	32.8	20.3	22.8	.6	.8
05:00	255.6	262.6	228.0	254.7	31.6	14.7	21.3	1.1	2.1
06:00	250.0	252.5	221.9	247.2	24.5	17.7	12.1	1.3	2.4
07:00	259.0	281.0	199.9	277.2	41.6	27.3	24.3	.3	.8
08:00	242.5	272.3	238.7	267.5	35.3	26.1	24.6	.4	.3
09:00	286.5	329.9	248.2	318.6	47.7	53.0	49.6	.6	.8
10:00	79.6	61.0	100.3	53.3	50.1	44.9	39.4	1.5	1.5
11:00	31.6	25.1	25.1	16.4	45.6	45.3	40.2	1.3	1.7
12:00	91.4	79.7	104.7	73.0	47.2	48.8	44.7	1.8	2.1
13:00	128.9	98.3	199.6	82.0	51.6	53.8	55.7	.6	.6
14:00	79.7	74.8	81.5	65.3	26.4	30.9	26.9	3.9	4.4
15:00	91.6	87.0	95.6	77.9	25.4	23.4	20.2	3.9	4.4
16:00	137.0	135.0	139.7	128.6	45.2	44.7	38.8	1.5	1.6
17:00	141.3	135.9	135.7	127.2	25.6	30.9	32.5	1.1	1.2
18:00	79.5	109.3	8.8	99.9	8.3	18.7	11.8	.1	.7
19:00	52.1	132.8	55.5	124.4	31.7	23.7	31.0	.3	.9
20:00	56.9	59.8	52.4	49.4	4.7	9.4	19.1	.3	1.4
21:00	59.9	31.0	80.2	21.9	5.0	8.5	13.4	.1	1.1
22:00	66.3	67.5	55.5	62.9	11.9	7.3	10.8	.6	1.7
23:00	78.3	59.2	188.2	57.8	13.3	25.5	11.7	.2	.5
Avg	76.0	59.0	143.0	46.0	29.1	26.9	25.9	.0	.0
Max	341.0	329.9	345.0	318.6	51.6	53.8	55.7	3.9	4.4
Hr. of Max	03	09	03	09	13	13	13	15	15
Min	12.7	20.7	8.8	10.5	4.7	7.3	8.3	.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)

2/19/2017

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	2.5	.1	1.1	2.5	.8	2.7	2.6	-.4	.04
01:00	1.1	.6	1.2	1.3	1.0	1.5	.3	-.3	-.01
02:00	3.3	1.0	2.3	3.3	1.5	3.6	-.5	-1.8	-.02
03:00	1.0	.3	.8	1.2	.7	1.4	.0	-2.1	-.01
04:00	.3	.7	.9	.4	1.2	.7	-2.7	-1.5	-.08
05:00	2.8	1.2	2.1	2.8	1.7	3.0	2.0	-.3	.05
06:00	3.0	1.4	2.5	3.1	1.8	3.3	1.1	-.8	.01
07:00	1.4	.7	1.5	2.2	1.4	2.4	3.7	-.1	.08
08:00	.3	1.2	1.7	1.8	1.6	2.0	-.3	1.2	-.05
09:00	1.1	1.3	1.6	1.7	1.8	2.1	-2.8	-1.4	-.14
10:00	1.6	2.5	2.4	2.5	3.0	3.0	-.6	3.9	.00
11:00	1.9	2.2	2.5	2.6	2.6	3.1	-2.6	-5.6	-.15
12:00	2.6	2.9	3.3	3.9	3.5	4.5	.4	-5.1	.01
13:00	1.0	2.7	3.0	3.3	3.2	3.8	.3	-4.9	-.07
14:00	5.2	4.3	5.0	5.7	4.8	6.3	-.2	-1.3	-.07
15:00	4.8	4.2	4.7	5.1	4.9	5.6	.4	1.6	-.03
16:00	1.9	2.2	2.5	2.7	2.8	3.1	-2.4	-.1	-.02
17:00	1.4	1.2	1.4	1.6	1.7	2.0	4.9	2.2	.14
18:00	1.7	.1	1.0	1.8	.5	2.0	2.1	2.7	.02
19:00	.8	.6	1.2	1.0	1.0	1.3	4.0	.6	.06
20:00	1.1	.3	1.5	1.2	.7	1.4	2.3	-.7	.03
21:00	1.1	.1	1.2	1.2	.5	1.4	3.3	1.3	.04
22:00	1.7	.6	1.7	1.8	.8	2.1	2.1	1.2	.03
23:00	.7	.2	.6	.8	.8	1.1	2.7	.3	.04
Avg	.0	1.4	2.0	2.3	1.8	2.6	.8	-.5	.00
Max	5.2	4.3	5.0	5.7	4.9	6.3	4.9	3.9	.14
Hr. of Max	14	14	14	14	15	14	17	10	17
Min	.3	.1	.6	.4	.5	.7	-2.8	-5.6	-.15
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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2/19/2017

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	36_SonicTemp_015m	37_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	-.04	1.6	3.9	8.5	6.8	7.7	10.4	10.1
01:00	-.01	1.8	2.5	3.2	7.4	5.9	10.4	10.0
02:00	-.12	3.0	4.6	6.2	6.4	3.4	10.3	9.9
03:00	-.05	3.0	5.5	5.7	15.3	10.2	10.4	9.9
04:00	-.01	3.0	2.7	1.8	10.1	8.4	10.3	9.9
05:00	-.02	2.7	4.1	4.8	7.0	4.6	10.2	9.9
06:00	-.05	3.9	5.5	7.8	10.2	5.2	10.1	9.8
07:00	-.02	3.4	3.7	4.8	12.1	9.1	10.2	9.8
08:00	.03	3.4	4.8	4.6	12.8	11.0	10.5	9.9
09:00	-.14	5.5	5.0	6.0	26.8	25.2	11.1	10.4
10:00	.30	6.0	5.7	6.0	22.8	26.2	12.8	12.1
11:00	-.42	8.5	8.0	12.6	24.4	25.9	13.8	13.1
12:00	-.26	7.8	8.9	10.5	23.9	28.7	14.6	13.8
13:00	-.20	9.2	9.4	8.9	24.4	28.9	15.6	14.8
14:00	-.05	11.4	11.4	12.6	20.2	18.5	16.6	15.7
15:00	.27	9.8	9.6	10.5	16.6	16.3	17.4	16.5
16:00	.01	8.5	7.8	9.2	26.5	26.1	17.9	17.2
17:00	.07	4.6	4.8	4.4	20.0	21.0	18.1	17.5
18:00	.10	1.6	2.7	3.7	10.2	6.9	16.5	17.1
19:00	-.01	4.1	3.4	3.2	11.6	13.4	14.2	15.9
20:00	-.01	1.6	3.0	2.1	7.7	5.2	12.4	15.1
21:00	.03	.9	3.0	2.7	7.6	5.3	11.0	13.7
22:00	.06	2.5	3.7	3.7	7.5	3.5	9.9	12.8
23:00	.01	1.4	3.7	2.3	7.2	5.8	8.8	11.3
Avg	-.02	4.6	5.3	6.1	14.4	13.4	12.6	12.8
Max	.30	11.4	11.4	12.6	26.8	28.9	18.1	17.5
Hr. of Max	10	14	14	14	09	13	17	17
Min	-.42	.9	2.5	1.8	6.4	3.4	8.8	9.8
Count	24	24	24	24	24	24	24	24
Total								