Date Printed: 03/25/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/24/2017

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	13.1	13.5	13.5	13.6	.37	.37	.48	.01	.11
01:00	13.4	13.6	13.6	13.6	.18	.12	.16	-.07	-.02
02:00	13.8	14.0	13.9	13.9	.15	.06	.10	-.09	-.05
03:00	14.0	14.2	14.1	14.1	.15	.05	.07	-.10	-.08
04:00	14.0	14.2	14.1	14.1	.16	.04	.05	-.12	-.11
05:00	14.1	14.2	14.1	14.1	.14	.03	.03	-.11	-.11
06:00	14.2	14.3	14.1	14.1	.12	-.03	-.04	-.15	-.16
07:00	14.2	14.3	14.2	14.2	.13	-.02	-.03	-.14	-.15
08:00	14.4	14.5	14.3	14.3	.07	-.09	-.11	-.16	-.18
09:00	14.9	14.9	14.7	14.6	-.03	-.23	-.29	-.20	-.26
10:00	15.9	15.7	15.5	15.4	-.20	-.45	-.55	-.25	-.35
11:00	17.8	17.2	16.9	16.7	-.54	-.88	-1.05	-.34	-.51
12:00	19.7	18.8	18.4	18.3	-.88	-1.25	-1.43	-.37	-.55
13:00	20.4	19.5	19.1	18.9	-.93	-1.33	-1.52	-.41	-.59
14:00	20.7	20.0	19.6	19.4	-.74	-1.10	-1.28	-.36	-.54
15:00	21.2	20.4	20.1	19.9	-.80	-1.16	-1.32	-.36	-.52
16:00	21.4	20.8	20.4	20.2	-.67	-1.02	-1.20	-.34	-.52
17:00	21.2	20.8	20.5	20.4	-.37	-.69	-.86	-.31	-.49
18:00	20.6	20.5	20.3	20.2	-.12	-.37	-.49	-.25	-.37
19:00	19.9	20.0	19.9	19.9	.10	-.05	-.09	-.15	-.19
20:00	19.2	19.6	19.5	19.5	.32	.27	.30	-.05	-.02
21:00	18.9	19.2	19.1	19.1	.31	.22	.23	-.09	-.08
22:00	17.8	18.5	18.5	18.5	.71	.64	.63	-.07	-.08
23:00	15.6	17.6	17.9	18.0	1.99	2.30	2.38	.32	.39
Avg	17.1	17.1	16.9	16.9	-.02	-.19	-.24	-.17	-.23
Max	21.4	20.8	20.5	20.4	1.99	2.30	2.38	.32	.39
Hr. of Max	16	17	17	17	23	23	23	23	23
Min	13.1	13.5	13.5	13.6	-.93	-1.33	-1.52	-.41	-.59
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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3/24/2017

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	1.4	.9	5.3	12.8	45.5	43.0	5.2	5.0	0.004283
01:00	1.3	.8	5.4	12.6	44.3	42.2	5.1	5.0	0.004269
02:00	1.1	.6	5.3	12.5	42.7	40.6	5.1	4.9	0.004207
03:00	.9	.3	5.3	12.4	41.4	39.4	5.0	4.8	0.004144
04:00	1.2	.7	5.5	12.3	42.1	40.2	5.1	4.9	0.004227
05:00	1.5	1.0	5.7	12.3	43.2	41.3	5.2	5.0	0.004334
06:00	1.8	1.4	5.9	12.2	43.7	42.0	5.3	5.1	0.00442
07:00	2.8	2.4	6.6	12.2	46.8	45.1	5.7	5.5	0.004735
08:00	3.7	3.3	7.3	12.1	49.3	47.8	6.1	5.9	0.005048
09:00	4.5	4.1	8.0	12.1	50.4	49.0	6.4	6.2	0.005338
10:00	5.2	4.7	8.8	12.1	49.5	48.4	6.7	6.5	0.005599
11:00	5.9	5.2	9.8	12.1	46.4	45.7	7.0	6.7	0.005889
12:00	6.5	5.8	10.9	12.3	42.9	43.2	7.2	6.9	0.006158
13:00	7.4	6.7	11.7	12.7	43.7	44.2	7.7	7.4	0.006569
14:00	7.8	7.3	12.1	13.2	44.2	44.7	7.9	7.7	0.006773
15:00	8.2	7.6	12.6	13.6	44.1	44.4	8.1	7.8	0.006968
16:00	8.0	7.4	12.5	14.0	42.8	42.9	8.0	7.7	0.006861
17:00	8.0	7.4	12.4	14.3	43.3	42.7	8.0	7.7	0.006846
18:00	7.8	7.4	12.1	14.5	44.3	43.5	7.9	7.7	0.006763
19:00	8.0	7.7	12.0	14.6	46.8	45.8	8.0	7.9	0.006844
20:00	8.2	8.0	11.9	14.6	49.7	47.9	8.1	8.0	0.006952
21:00	7.9	7.6	11.5	14.6	49.6	47.9	8.0	7.8	0.00679
22:00	7.6	7.4	11.0	14.5	52.0	48.9	7.8	7.7	0.006653
23:00	7.8	7.5	10.4	14.4	60.6	52.4	8.0	7.8	0.00673
Avg	5.2	4.7	9.2	13.1	46.2	44.7	6.8	6.6	0.005725
Max	8.2	8.0	12.6	14.6	60.6	52.4	8.1	8.0	0.006968
Hr. of Max	20	20	15	21	23	23	20	20	15
Min	.9	.3	5.3	12.1	41.4	39.4	5.0	4.8	0.004144
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/24/2017

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	0.004145	6.8	6.6	.00	29.43	996.6	-1.7	.00	226.8
01:00	0.004117	6.8	6.6	.00	29.43	996.8	-2.2	.00	229.7
02:00	0.004048	6.7	6.4	.00	29.43	996.7	-2.4	.00	225.2
03:00	0.003982	6.6	6.3	.00	29.42	996.3	-2.8	.00	223.8
04:00	0.004072	6.7	6.5	.00	29.41	996.0	-2.4	.00	227.7
05:00	0.004179	6.9	6.6	.00	29.41	995.9	-2.6	.00	223.0
06:00	0.00428	7.0	6.8	.00	29.41	996.1	-2.8	.00	214.6
07:00	0.004604	7.5	7.3	.00	29.43	996.8	-.3	.00	220.4
08:00	0.004918	8.0	7.8	.00	29.45	997.3	23.0	.03	227.2
09:00	0.00518	8.5	8.2	.00	29.46	997.6	82.0	.12	218.8
10:00	0.00541	8.9	8.6	.00	29.46	997.6	219.3	.31	216.7
11:00	0.005607	9.4	8.9	.00	29.46	997.5	577.1	.83	203.2
12:00	0.005876	9.8	9.3	.00	29.44	997.0	765.1	1.10	209.7
13:00	0.006275	10.4	10.0	.00	29.43	996.6	773.8	1.11	217.6
14:00	0.00654	10.7	10.4	.00	29.42	996.2	597.9	.86	199.3
15:00	0.006679	11.0	10.6	.00	29.39	995.2	654.1	.94	198.2
16:00	0.006589	10.8	10.4	.00	29.36	994.3	588.8	.84	186.3
17:00	0.006605	10.8	10.4	.00	29.35	993.9	330.9	.47	194.2
18:00	0.006597	10.7	10.4	.00	29.34	993.7	146.0	.21	190.1
19:00	0.006735	10.8	10.6	.00	29.34	993.6	12.9	.02	202.1
20:00	0.006833	11.0	10.8	.00	29.34	993.7	-1.3	.00	208.5
21:00	0.006685	10.7	10.6	.00	29.34	993.6	-.9	.00	211.6
22:00	0.00655	10.5	10.4	.00	29.34	993.7	-1.2	.00	201.2
23:00	0.006605	10.6	10.4	.00	29.32	993.1	-1.7	.00	68.1
Avg	0.005546	9.1	8.8	.00	29.40	995.7	197.9	.28	210.0
Max	0.006833	11.0	10.8	.00	29.46	997.6	773.8	1.11	229.7
Hr. of Max	20	20	20	23	11	10	13	13	01
Min	0.003982	6.6	6.3	.00	29.32	993.1	-2.8	.00	68.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/24/2017

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	230.9	222.5	228.4	218.7	18.8	12.3	8.8	4.6	7.6
01:00	234.8	229.5	231.5	225.8	17.5	11.9	8.5	4.8	7.6
02:00	228.5	222.2	227.0	218.5	17.6	13.0	10.0	4.3	6.7
03:00	228.0	219.8	227.3	216.1	17.6	12.3	9.9	4.5	7.0
04:00	231.1	223.8	229.1	220.2	17.9	12.4	9.6	4.8	7.5
05:00	227.8	220.5	224.9	216.7	18.5	12.4	9.6	4.5	6.9
06:00	218.4	213.9	216.3	210.1	19.2	13.9	11.3	5.1	7.4
07:00	226.2	220.5	223.2	216.6	20.1	15.6	12.0	4.5	6.8
08:00	230.5	224.8	228.0	220.7	19.4	13.2	10.9	5.5	8.0
09:00	223.4	219.0	220.1	214.1	22.5	17.7	14.0	5.7	7.9
10:00	222.5	218.4	216.8	214.2	22.6	17.6	13.7	8.2	10.6
11:00	208.7	207.3	203.2	202.7	24.1	18.7	17.3	7.9	9.8
12:00	216.8	217.5	208.2	213.3	26.5	21.3	17.2	10.1	13.1
13:00	222.2	219.4	217.9	215.1	23.5	20.8	18.1	10.0	12.8
14:00	207.7	204.9	200.8	200.6	24.4	21.2	18.1	9.1	11.4
15:00	206.4	203.5	199.4	198.7	26.8	23.5	21.0	7.8	9.7
16:00	193.1	192.5	187.1	187.9	30.6	25.1	21.1	7.3	9.3
17:00	201.2	198.1	195.4 +	193.8	25.9	22.3	17.7	6.8	8.5
18:00	195.4	193.1	191.4	188.5	24.4	20.4	17.0	6.5	8.5
19:00	208.4	204.1	204.9	200.0	20.0	14.0	11.6	4.1	5.9
20:00	211.0	202.7	213.2	199.5	15.6	11.9	10.2	2.9	4.7
21:00	204.3	191.2	217.5	186.3	32.1	25.7	20.8	2.8	4.2
22:00	194.5	174.0	219.8	170.1	44.0	36.7	23.9	1.6	2.6
23:00	90.2	112.2	47.4	103.5	32.0	34.3	28.6	.8	1.5
Avg	214.0	208.0	213.0	204.0	23.4	18.7	15.0	.0	.0
Max	234.8	229.5	231.5	225.8	44.0	36.7	28.6	10.1	13.1
Hr. of Max	01	01	01	01	22	22	23	12	12
Min	90.2	112.2	47.4	103.5	15.6	11.9	8.5	.8	1.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/24/2017

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	10.1	4.8	7.8	10.2	5.4	10.8	.6	-1.4	-.08
01:00	9.9	5.0	7.7	10.1	5.6	10.6	-.3	-1.2	-.15
02:00	8.9	4.5	6.9	9.0	5.1	9.5	-.3	-2.6	-.12
03:00	9.0	4.7	7.1	9.2	5.3	9.6	1.5	-2.2	-.04
04:00	9.5	5.0	7.7	9.7	5.7	10.2	.2	-1.6	-.08
05:00	8.7	4.7	7.0	8.8	5.1	9.3	1.4	-1.8	.03
06:00	9.5	5.4	7.6	9.7	5.8	10.2	.7	-2.1	-.06
07:00	9.0	4.8	7.0	9.2	5.5	9.8	2.4	-.5	.06
08:00	10.1	5.8	8.2	10.2	6.5	10.8	-.1	-1.6	-.19
09:00	10.0	6.1	8.2	10.3	6.7	11.0	1.7	.6	.02
10:00	12.9	8.9	11.1	13.2	9.6	14.0	1.8	-1.6	.07
11:00	11.6	8.6	10.4	12.1	9.2	13.0	4.6	.5	.37
12:00	15.6	11.1	13.8	16.1	12.1	17.1	1.6	.6	-.03
13:00	14.5	10.8	13.7	15.3	11.5	16.2	1.0	-1.1	-.09
14:00	13.4	10.1	12.2	14.1	10.7	14.8	1.1	.1	-.07
15:00	11.3	8.7	10.6	12.2	9.3	12.8	1.3	-.6	.04
16:00	10.8	8.3	10.2	11.5	8.9	12.1	4.4	2.7	.39
17:00	10.5	7.6	9.2	11.1	8.0	11.7	2.4	-.9	.05
18:00	10.2	7.1	9.0	10.5	7.6	11.0	3.5	-.5	.25
19:00	7.3	4.4	6.1	7.5	4.7	7.8	1.8	-2.6	.01
20:00	6.1	3.0	4.8	6.2	3.4	6.6	.1	-1.3	-.04
21:00	5.8	3.1	4.6	6.1	3.7	6.5	.0	-2.0	-.10
22:00	4.3	2.0	3.0	4.7	2.5	5.1	2.6	.6	.02
23:00	2.2	1.0	1.9	2.5	1.5	2.8	2.3	.6	.03
Avg	.0	6.1	8.2	10.0	6.6	10.6	1.5	-.8	.01
Max	15.6	11.1	13.8	16.1	12.1	17.1	4.6	2.7	.39
Hr. of Max	12	12	12	12	12	12	11	16	16
Min	2.2	1.0	1.9	2.5	1.5	2.8	-.3	-2.6	-.19
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/24/2017

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	-.33	12.1	14.9	17.4	13.2	6.1	13.7	13.5
01:00	-.28	11.7	16.9	22.4	12.9	6.5	13.8	13.4
02:00	-.49	11.0	13.1	17.2	12.9	7.1	14.1	13.7
03:00	-.45	14.2	16.5	21.5	15.2	7.1	14.3	13.9
04:00	-.36	11.0	14.0	17.2	13.2	7.2	14.4	13.9
05:00	-.35	9.6	17.4	19.9	13.8	7.2	14.4	13.9
06:00	-.45	12.1	14.9	19.2	13.9	8.4	14.5	14.0
07:00	-.21	19.2	17.9	20.8	15.4	9.6	14.6	14.1
08:00	-.40	15.1	16.5	25.6	13.8	8.2	14.7	14.2
09:00	-.11	15.1	18.1	20.6	15.9	11.6	15.2	14.5
10:00	-.63	26.1	27.9	32.5	15.2	10.9	16.0	15.3
11:00	-.26	27.9	39.6	35.3	18.0	14.2	17.4	16.5
12:00	-.37	27.7	31.1	30.0	16.2	14.5	18.9	17.9
13:00	-.56	41.2	51.3	53.1	14.8	11.8	19.7	18.6
14:00	-.38	25.6	26.1	30.0	15.7	14.0	20.2	19.2
15:00	-.32	21.1	33.4	30.5	15.9	13.6	20.7	19.7
16:00	.18	33.2	37.1	32.3	18.0	16.5	21.0	20.1
17:00	-.45	19.0	21.1	26.3	16.6	13.9	21.2	20.3
18:00	-.40	19.9	20.6	24.0	17.1	13.7	20.9	20.2
19:00	-.51	12.8	14.2	18.1	14.3	9.8	20.5	19.9
20:00	-.22	7.1	9.6	11.7	11.5	7.8	20.0	19.6
21:00	-.42	7.8	12.1	12.8	18.4	14.9	19.7	19.2
22:00	-.14	7.1	10.8	13.5	22.9	19.6	19.0	18.6
23:00	-.06	7.1	5.5	8.0	22.0	19.5	18.0	18.1
Avg	-.33	17.3	20.9	23.3	15.7	11.4	17.4	16.8
Max	.18	41.2	51.3	53.1	22.9	19.6	21.2	20.3
Hr. of Max	16	13	13	13	22	22	17	17
Min	-.63	7.1	5.5	8.0	11.5	6.1	13.7	13.4
Count	24	24	24	24	24	24	24	24
Total								