Date Printed: 03/27/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/26/2017

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	19.5	19.8	19.7	19.7	.33	.24	.19	-.09	-.15
01:00	19.3	19.9	19.8	19.7	.53	.44	.41	-.08	-.12
02:00	19.1	19.6	19.5	19.5	.43	.34	.33	-.09	-.11
03:00	15.0	15.2	15.1	15.2	.20	.15	.22	-.06	.02
04:00	14.1	14.4	14.4	14.4	.28	.26	.24	-.02	-.04
05:00	14.3	14.6	14.5	14.5	.31	.28	.26	-.03	-.05
06:00	14.3	14.5	14.5	14.6	.21	.21	.26	.00	.05
07:00	13.7	14.2	14.4	14.5	.47	.69	.80	.22	.32
08:00	14.2	14.6	14.7	14.8	.44	.48	.60	.04	.15
09:00	15.9	15.7	15.5	15.5	-.19	-.36	-.39	-.17	-.20
10:00	16.8	16.7	16.5	16.5	-.17	-.34	-.36	-.18	-.20
11:00	17.3	17.1	16.9	16.9	-.24	-.41	-.41	-.17	-.16
12:00	18.7	18.4	18.2	18.1	-.26	-.49	-.54	-.23	-.28
13:00	17.7	17.6	17.4	17.4	-.12	-.26	-.26	-.14	-.14
14:00	19.3	18.9	18.8	18.8	-.36	-.51	-.48	-.15	-.12
15:00	21.6	21.3	21.0	20.9	-.31	-.58	-.65	-.27	-.34
16:00	20.9	20.5	20.3	20.3	-.40	-.62	-.68	-.22	-.28
17:00	22.2	21.9	21.6	21.4	-.30	-.60	-.73	-.30	-.42
18:00	22.1	22.2	22.0	22.0	.08	-.09	-.12	-.18	-.20
19:00	21.6	22.0	21.9	22.0	.35	.30	.37	-.05	.01
20:00	20.3	20.9	21.0	21.2	.64	.76	.97	.12	.33
21:00	17.1	20.0	20.3	20.6	2.85	3.19	3.46	.34	.61
22:00	15.5	19.2	19.6	19.9	3.73	4.14	4.43	.41	.70
23:00	15.0	18.5	18.9	19.2	3.45	3.89	4.21	.44	.76
Avg	17.7	18.2	18.2	18.2	.50	.46	.51	-.04	.01
Max	22.2	22.2	22.0	22.0	3.73	4.14	4.43	.44	.76
Hr. of Max	17	18	18	19	22	22	22	23	23
Min	13.7	14.2	14.4	14.4	-.40	-.62	-.73	-.30	-.42
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/26/2017

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	8.7	8.5	12.3	15.1	50.6	48.9	8.4	8.3	0.007247
01:00	8.9	8.5	12.4	15.0	51.7	48.9	8.5	8.3	0.007332
02:00	8.9	8.6	12.3	14.9	52.5	49.8	8.5	8.3	0.007339
03:00	12.0	12.1	13.0	14.8	84.4	84.0	10.6	10.7	0.009032
04:00	13.6	14.0	13.8	14.8	97.9	98.7	11.7	12.0	0.009979
05:00	13.7	14.2	13.9	14.7	97.8	98.9	11.8	12.2	0.010048
06:00	13.7	14.1	13.9	14.6	97.8	99.0	11.9	12.1	0.01007
07:00	13.2	13.8	13.3	14.6	97.8	99.3	11.4	12.0	0.009701
08:00	13.6	14.2	13.8	14.5	97.9	99.1	11.8	12.2	0.010001
09:00	14.5	14.2	15.0	14.4	93.3	92.5	12.4	12.2	0.010622
10:00	13.8	13.5	14.8	14.4	83.8	83.0	11.8	11.6	0.010146
11:00	13.8	13.4	15.0	14.5	80.9	80.4	11.8	11.5	0.010109
12:00	13.6	13.3	15.3	14.7	73.8	73.5	11.6	11.4	0.010031
13:00	14.8	14.8	15.8	14.8	85.3	86.0	12.6	12.6	0.010866
14:00	15.1	14.5	16.5	15.0	78.5	77.2	12.8	12.3	0.011063
15:00	13.3	12.6	16.1	15.2	60.5	59.0	11.3	10.8	0.009859
16:00	14.5	13.7	16.6	15.4	68.0	66.2	12.2	11.6	0.01064
17:00	13.6	13.0	16.4	15.6	59.3	58.3	11.5	11.1	0.010042
18:00	12.6	12.2	15.8	15.9	56.0	54.2	10.8	10.5	0.009434
19:00	11.3	10.9	14.7	16.0	53.0	50.6	9.9	9.7	0.008659
20:00	10.9	10.6	14.0	16.0	56.0	52.6	9.7	9.5	0.008422
21:00	11.4	10.4	13.3	16.0	70.1	54.8	10.1	9.4	0.008633
22:00	11.3	10.2	12.7	15.8	77.2	57.0	10.1	9.3	0.008574
23:00	11.3	10.4	12.5	15.7	79.6	60.2	10.1	9.4	0.008582
Avg	12.6	12.3	14.3	15.1	75.2	72.2	11.0	10.8	0.009435
Max	15.1	14.8	16.6	16.0	97.9	99.3	12.8	12.6	0.011063
Hr. of Max	14	13	16	21	08	07	14	13	14
Min	8.7	8.5	12.3	14.4	50.6	48.9	8.4	8.3	0.007247
Count	24	24	24	24	24	24	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

3/26/2017

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	0.007147	11.4	11.2	.00	29.14	986.8	-3.1	.00	118.4
01:00	0.007165	11.5	11.2	.00	29.12	986.2	-2.5	.00	103.1
02:00	0.00717	11.5	11.2	.00	29.12	986.0	-2.2	.00	173.0
03:00	0.009083	14.1	14.2	.07	29.13	986.5	-2.4	.00	222.8
04:00	0.010246	15.6	16.0	.07	29.12	986.3	-1.8	.00	162.1
05:00	0.010371	15.7	16.2	.09	29.12	986.2	-2.2	.00	240.2
06:00	0.010332	15.7	16.1	.00	29.14	986.9	-2.3	.00	211.4
07:00	0.010156	15.2	15.9	.00	29.14	987.0	1.5	.00	243.8
08:00	0.01041	15.6	16.2	.00	29.15	987.1	95.4	.14	86.2
09:00	0.01041	16.6	16.3	.00	29.16	987.5	214.3	.31	214.4
10:00	0.009941	15.8	15.5	.00	29.16	987.5	152.3	.22	206.0
11:00	0.0099	15.8	15.5	.00	29.16	987.5	267.0	.38	243.0
12:00	0.009815	15.7	15.3	.00	29.14	987.0	229.7	.33	229.4
13:00	0.010864	16.9	16.9	.06	29.13	986.6	187.7	.27	237.8
14:00	0.010634	17.2	16.6	.00	29.11	985.9	449.1	.64	230.2
15:00	0.00944	15.4	14.7	.01	29.09	985.1	446.0	.64	219.1
16:00	0.010105	16.6	15.7	.00	29.08	984.8	567.4	.81	221.0
17:00	0.009681	15.6	15.1	.00	29.07	984.4	317.1	.45	215.9
18:00	0.009165	14.7	14.3	.00	29.06	984.2	127.1	.18	212.7
19:00	0.00845	13.5	13.2	.00	29.08	984.7	44.8	.06	228.6
20:00	0.008223	13.2	12.9	.00	29.09	985.3	-2.0	.00	236.8
21:00	0.008099	13.5	12.7	.00	29.12	986.1	-1.5	.00	230.8
22:00	0.008016	13.4	12.6	.00	29.14	986.7	-2.6	.00	238.1
23:00	0.00809	13.4	12.7	.00	29.13	986.5	-2.5	.00	234.8
Avg	0.009288	14.7	14.5	.01	29.12	986.2	128.1	.18	214.0
Max	0.010864	17.2	16.9	.09	29.16	987.5	567.4	.81	243.8
Hr. of Max	13	14	13	05	11	11	16	16	07
Min	0.007147	11.4	11.2	.00	29.06	984.2	-3.1	.00	86.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/26/2017

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	132.6	138.7	116.9	130.6	28.7	30.5	25.8	2.5	3.2
01:00	113.8	119.9	98.4	111.8	20.9	21.0	17.9	3.8	4.8
02:00	176.5	170.9	181.0	165.7	28.1	28.4	25.7	2.0	3.1
03:00	239.4	234.8	233.7	230.9	31.6	16.0	12.4	3.7	6.2
04:00	208.7	197.3	235.9	193.6	50.6	39.9	22.8	.2	1.3
05:00	228.1	190.0	263.1	188.1	58.2	43.8	38.1	.7	1.3
06:00	242.6	230.6	236.0	226.2	25.0	30.6	16.7	1.4	2.9
07:00	256.4	233.6	254.8	232.8	41.3	32.6	43.0	.2	.3
08:00	164.9	173.1	304.2	167.8	47.3	32.5	22.2	.2	.9
09:00	216.2	202.7	219.6	197.9	31.3	27.1	19.9	2.6	3.8
10:00	213.3	207.3	209.6	202.8	27.3	21.0	17.2	3.4	4.7
11:00	243.7	238.5	243.5	234.6	26.8	20.2	15.2	3.5	5.0
12:00	235.4	225.7	230.7	221.4	25.5	18.7	16.5	4.6	6.4
13:00	245.2	239.9	239.5	235.7	24.3	16.9	12.5	5.2	7.9
14:00	235.4	232.3	231.0	228.0	23.8	17.0	12.4	5.5	8.3
15:00	224.3	221.5	218.7	217.5	24.9	18.7	14.4	8.9	12.5
16:00	225.9	222.6	221.2	218.8	21.6	16.5	12.1	7.8	10.6
17:00	221.5	220.0	216.7	215.9	23.5	17.9	15.3	6.8	9.0
18:00	220.3	216.5	214.0	212.6	23.9	18.1	14.2	5.7	8.1
19:00	234.6	231.1	229.3	227.2	17.7	12.8	10.2	6.6	10.1
20:00	242.1	237.4	236.8	233.4	17.0	10.6	7.6	4.7	8.1
21:00	240.0	236.4	233.2	232.5	10.3	6.3	5.0	3.0	5.7
22:00	244.1	238.2	238.3	234.3	9.3	6.5	5.0	4.1	7.4
23:00	241.5	236.6	236.2	232.6	11.8	5.5	3.5	3.5	6.5
Avg	222.0	214.0	227.0	210.0	27.1	21.2	16.9	.0	.0
Max	256.4	239.9	304.2	235.7	58.2	43.8	43.0	8.9	12.5
Hr. of Max	07	13	08	13	05	05	07	15	15
Min	113.8	119.9	98.4	111.8	9.3	5.5	3.5	.2	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

3/26/2017

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	4.5	2.8	3.7	4.9	3.6	5.5	4.7	3.2	.19
01:00	6.0	4.0	5.1	6.3	4.6	6.9	3.6	4.3	.17
02:00	4.5	3.0	4.1	5.4	3.6	5.9	2.0	1.5	.06
03:00	8.1	3.9	6.4	8.4	4.5	8.9	-.2	-1.6	-.11
04:00	2.6	.7	1.6	2.9	1.4	3.2	1.3	-2.2	.03
05:00	2.3	1.7	2.4	3.1	2.1	3.5	1.9	-.5	.05
06:00	4.4	1.8	3.1	4.6	2.2	4.8	.6	-1.2	-.03
07:00	1.3	.6	.7	1.5	1.1	1.7	1.3	-1.3	.00
08:00	2.3	1.1	1.7	2.6	1.6	2.9	3.6	.9	.05
09:00	5.4	3.0	4.1	5.7	3.5	6.1	2.3	-2.5	.06
10:00	6.2	3.8	5.0	6.5	4.2	6.9	1.4	-1.0	.01
11:00	6.3	3.9	5.4	6.6	4.2	7.0	1.6	-.6	.00
12:00	7.7	5.1	6.8	8.1	5.7	8.7	1.3	.9	.00
13:00	10.2	5.6	8.3	10.5	6.2	11.1	1.5	-.9	-.06
14:00	10.7	5.8	8.6	11.0	6.5	11.6	3.3	.2	.13
15:00	15.7	9.6	13.1	16.2	10.5	17.1	2.1	-.2	.04
16:00	13.1	8.3	10.9	13.4	8.9	14.2	1.7	-.9	-.03
17:00	10.8	7.4	9.4	11.2	8.1	11.9	1.6	-.8	.03
18:00	10.3	6.1	8.4	10.6	6.8	11.2	1.5	-.2	.04
19:00	12.4	7.0	10.4	12.7	7.7	13.4	-.1	-1.0	-.17
20:00	10.9	4.9	8.2	11.0	5.2	11.6	.5	-.4	-.08
21:00	7.9	3.1	5.8	7.9	3.5	8.4	-.1	.0	-.02
22:00	10.0	4.2	7.4	10.1	4.6	10.6	-.7	-.2	-.08
23:00	8.9	3.6	6.5	9.0	3.9	9.4	-.6	.0	-.06
Avg	.0	4.2	6.1	7.9	4.8	8.4	1.5	-.2	.01
Max	15.7	9.6	13.1	16.2	10.5	17.1	4.7	4.3	.19
Hr. of Max	15	15	15	15	15	15	00	01	00
Min	1.3	.6	.7	1.5	1.1	1.7	-.7	-2.5	-.17
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/26/2017

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	.11	12.4	11.2	14.7	22.1	21.0	20.3	19.8
01:00	.35	10.3	11.7	14.4	14.7	15.0	20.3	19.9
02:00	.01	11.2	13.7	14.7	16.8	16.6	20.1	19.6
03:00	-.31	19.7	27.7	29.1	15.9	7.7	16.0	15.7
04:00	-.16	3.2	6.2	8.0	15.1	12.3	15.4	15.0
05:00	-.12	5.5	7.1	8.0	17.0	20.6	15.5	15.1
06:00	-.14	6.6	8.2	11.4	12.0	6.3	15.5	15.2
07:00	-.04	3.4	2.5	3.4	8.6	7.7	15.1	15.2
08:00	-.09	4.6	6.4	9.4	20.2	17.8	15.6	15.4
09:00	-.39	8.9	12.4	14.2	20.2	15.4	16.6	16.0
10:00	-.27	11.7	17.4	17.6	16.8	12.3	17.5	16.9
11:00	-.20	10.5	16.3	14.9	17.1	13.2	18.0	17.3
12:00	.02	16.5	18.5	19.7	17.7	13.3	19.2	18.5
13:00	-.29	15.1	28.9	31.4	16.1	8.5	18.5	18.0
14:00	-.16	16.9	20.8	23.1	17.7	10.0	19.9	19.2
15:00	-.33	25.0	33.4	44.2	16.5	9.9	21.9	21.1
16:00	-.45	36.6	56.1	56.1	15.7	9.9	21.4	20.7
17:00	-.36	17.6	19.5	21.5	15.4	11.4	22.6	21.8
18:00	-.23	19.2	24.0	38.2	15.8	10.9	22.8	22.2
19:00	-.35	19.2	22.9	30.7	13.5	7.4	22.5	22.2
20:00	-.14	11.0	15.6	20.2	13.0	5.3	21.5	21.4
21:00	-.02	6.0	13.5	16.0	5.8	3.9	20.6	20.9
22:00	-.05	7.6	12.8	18.3	6.5	3.5	19.8	20.2
23:00	.00	6.4	12.4	20.4	5.0	2.2	19.1	19.6
Avg	-.15	12.7	17.5	20.8	14.8	10.9	19.0	18.6
Max	.35	36.6	56.1	56.1	22.1	21.0	22.8	22.2
Hr. of Max	01	16	16	16	00	00	18	19
Min	-.45	3.2	2.5	3.4	5.0	2.2	15.1	15.0
Count	24	24	24	24	24	24	24	24
Total								