Date Printed: 05/06/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2017

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	12.1	12.1	12.1	12.0	.03	-.03	-.07	-.06	-.10
01:00	12.2	12.4	12.3	12.3	.14	.09	.05	-.05	-.09
02:00	11.3	11.8	12.0	12.1	.56	.73	.78	.16	.22
03:00	11.9	12.2	12.2	12.3	.25	.32	.36	.07	.11
04:00	11.4	11.9	12.0	12.0	.45	.52	.55	.07	.10
05:00	11.6	11.7	11.8	11.8	.08	.13	.21	.05	.13
06:00	11.8	11.8	11.7	11.7	-.01	-.11	-.13	-.10	-.12
07:00	11.2	11.1	11.0	10.9	-.10	-.23	-.29	-.13	-.19
08:00	11.4	11.2	11.0	11.0	-.20	-.38	-.45	-.17	-.25
09:00	11.7	11.5	11.3	11.3	-.21	-.38	-.45	-.18	-.24
10:00	11.7	11.5	11.3	11.2	-.23	-.44	-.52	-.21	-.29
11:00	11.7	11.4	11.2	11.0	-.31	-.52	-.64	-.21	-.33
12:00	12.2	11.8	11.5	11.4	-.39	-.67	-.81	-.28	-.42
13:00	12.8	12.4	12.1	12.0	-.36	-.63	-.76	-.27	-.40
14:00	12.7	12.5	12.3	12.2	-.26	-.47	-.56	-.21	-.31
15:00	12.4	12.1	11.9	11.8	-.28	-.46	-.56	-.18	-.28
16:00	12.3	12.0	11.8	11.7	-.29	-.45	-.54	-.16	-.25
17:00	11.6	11.4	11.2	11.2	-.16	-.30	-.38	-.14	-.21
18:00	10.3	10.2	10.1	10.0	-.11	-.20	-.26	-.09	-.14
19:00	9.6	9.5	9.5	9.4	-.06	-.13	-.14	-.07	-.08
20:00	9.0	9.0	8.9	8.9	-.01	-.08	-.07	-.07	-.06
21:00	8.7	8.7	8.7	8.7	-.02	-.09	-.09	-.07	-.07
22:00	8.6	8.7	8.6	8.6	.01	-.02	-.02	-.03	-.04
23:00	8.7	8.7	8.7	8.7	.05	.03	.04	-.02	-.01
Avg	11.2	11.2	11.1	11.0	-.06	-.16	-.20	-.10	-.14
Max	12.8	12.5	12.3	12.3	.56	.73	.78	.16	.22
Hr. of Max	13	14	14	03	02	02	02	02	02
Min	8.6	8.7	8.6	8.6	-.39	-.67	-.81	-.28	-.42
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2017

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	11.6	11.7	11.7	17.2	97.8	98.6	10.4	10.5	0.008857
01:00	11.6	11.8	11.8	17.0	97.5	98.0	10.4	10.5	0.008929
02:00	10.7	11.4	10.9	17.0	97.7	98.5	9.8	10.3	0.008413
03:00	11.4	11.6	11.5	16.9	97.8	98.0	10.2	10.4	0.008778
04:00	10.9	11.4	11.1	16.8	97.8	98.5	9.9	10.3	0.008511
05:00	11.1	11.3	11.3	16.8	97.8	98.6	10.1	10.2	0.008619
06:00	11.1	11.1	11.3	16.7	96.8	96.9	10.1	10.1	0.008628
07:00	10.4	10.4	10.7	16.7	96.0	96.7	9.6	9.6	0.008225
08:00	10.5	10.3	10.8	16.7	95.2	95.7	9.7	9.6	0.008264
09:00	10.4	10.1	10.8	16.6	92.8	92.6	9.6	9.5	0.008215
10:00	10.2	9.9	10.7	16.6	91.4	91.1	9.5	9.3	0.008091
11:00	10.6	10.3	10.9	16.6	94.2	94.6	9.7	9.6	0.008316
12:00	10.3	9.8	10.9	16.6	89.4	89.1	9.5	9.3	0.008154
13:00	9.9	9.5	10.9	16.7	84.0	83.7	9.3	9.0	0.007962
14:00	10.2	9.9	11.0	16.7	85.8	85.4	9.5	9.3	0.008118
15:00	11.2	11.1	11.6	16.8	94.0	94.7	10.1	10.0	0.008684
16:00	10.6	10.4	11.2	16.8	91.1	91.3	9.8	9.6	0.008353
17:00	10.1	10.0	10.6	16.8	92.1	92.3	9.4	9.4	0.008066
18:00	8.6	8.4	9.2	16.8	90.6	89.9	8.6	8.4	0.007274
19:00	7.4	7.1	8.1	16.8	87.3	86.0	7.9	7.8	0.00668
20:00	7.2	7.0	7.8	16.7	89.5	88.3	7.8	7.7	0.006591
21:00	7.2	7.0	7.7	16.6	90.7	90.0	7.8	7.7	0.006545
22:00	7.1	6.9	7.6	16.5	91.1	89.9	7.8	7.7	0.006522
23:00	6.9	6.5	7.5	16.4	89.6	86.9	7.7	7.4	0.006416
Avg	9.9	9.8	10.3	16.7	92.8	92.7	9.3	9.3	0.007967
Max	11.6	11.8	11.8	17.2	97.8	98.6	10.4	10.5	0.008929
Hr. of Max	01	01	01	00	05	05	01	01	01
Min	6.9	6.5	7.5	16.4	84.0	83.7	7.7	7.4	0.006416
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2017

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	0.008947	13.6	13.8	.04	28.68	971.3	-2.8	.00	78.5
01:00	0.009056	13.7	13.9	.00	28.60	968.5	-1.1	.00	84.9
02:00	0.008799	12.9	13.5	.00	28.59	968.2	-3.7	-.01	119.4
03:00	0.008932	13.5	13.7	.00	28.58	967.7	-2.6	.00	86.4
04:00	0.008832	13.1	13.5	.00	28.57	967.5	-3.1	.00	34.8
05:00	0.008733	13.2	13.4	.00	28.58	967.8	-2.2	.00	85.5
06:00	0.008627	13.2	13.2	.01	28.58	968.0	-.7	.00	196.5
07:00	0.008235	12.6	12.7	.02	28.59	968.2	42.9	.06	206.8
08:00	0.008195	12.7	12.6	.01	28.59	968.1	135.7	.19	214.4
09:00	0.008083	12.6	12.4	.00	28.59	968.2	135.6	.19	217.3
10:00	0.007944	12.4	12.2	.00	28.60	968.7	173.6	.25	204.2
11:00	0.008181	12.8	12.6	.00	28.61	968.8	199.0	.29	199.2
12:00	0.007921	12.5	12.2	.00	28.61	968.8	333.6	.48	207.5
13:00	0.00775	12.2	11.9	.00	28.61	968.8	299.1	.43	213.6
14:00	0.007943	12.5	12.2	.01	28.61	968.7	179.5	.26	209.3
15:00	0.00859	13.3	13.2	.07	28.61	969.0	181.2	.26	222.9
16:00	0.008212	12.8	12.6	.01	28.62	969.3	217.7	.31	237.9
17:00	0.007992	12.4	12.3	.07	28.64	969.7	86.1	.12	248.4
18:00	0.007159	11.2	11.0	.01	28.66	970.7	78.8	.11	257.4
19:00	0.006553	10.3	10.1	.00	28.69	971.4	38.4	.05	252.0
20:00	0.006495	10.2	10.1	.01	28.72	972.5	.1	.00	241.9
21:00	0.006484	10.1	10.0	.02	28.75	973.6	-2.5	.00	241.2
22:00	0.006444	10.1	10.0	.00	28.77	974.3	-2.9	.00	252.2
23:00	0.006245	10.0	9.7	.00	28.78	974.8	-3.5	.00	245.0
Avg	0.007931	12.2	12.2	.01	28.63	969.7	86.5	.12	211.0
Max	0.009056	13.7	13.9	.07	28.78	974.8	333.6	.48	257.4
Hr. of Max	01	01	01	17	23	23	12	12	18
Min	0.006245	10.0	9.7	.00	28.57	967.5	-3.7	-.01	34.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2017

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	84.6	82.7	74.3	73.5	25.0	21.9	17.7	3.6	5.8
01:00	85.0	80.9	81.1	71.3	23.8	18.4	13.3	3.5	6.5
02:00	125.7	116.9	232.6	109.6	46.3	45.5	22.5	.4	1.8
03:00	98.9	92.6	76.4	83.3	35.6	19.1	12.7	1.6	3.7
04:00	43.0	58.4	14.9	48.7	21.8	14.9	12.0	1.9	3.1
05:00	77.8	93.2	2.7	81.2	60.2	54.9	59.5	.3	.3
06:00	207.0	206.1	200.4	201.5	27.9	22.4	19.5	4.3	6.5
07:00	215.9	214.9	208.2	210.2	26.2	18.3	13.2	4.4	6.7
08:00	220.2	218.4	216.2	214.1	21.6	15.6	11.7	6.0	8.5
09:00	224.2	222.1	217.9	217.9	24.3	16.9	12.7	5.1	7.7
10:00	213.9	210.9	205.8	206.5	23.4	16.2	11.4	5.6	7.9
11:00	208.9	206.7	200.6	202.1	23.0	18.5	15.6	5.2	6.9
12:00	214.1	212.4	208.7	207.8	24.9	19.4	14.4	6.0	8.6
13:00	221.4	216.8	214.6	212.3	24.3	18.8	14.8	5.6	7.8
14:00	216.3	213.2	210.9	209.1	23.2	16.5	12.3	6.4	9.2
15:00	231.6	229.8	224.1	225.4	25.2	16.5	12.4	5.0	7.9
16:00	244.2	246.5	239.0	242.0	19.9	16.8	12.5	5.9	7.9
17:00	258.0	258.9	248.9	253.9	22.5	18.4	16.1	6.0	8.3
18:00	267.2	272.1	257.3	266.2	25.5	19.6	16.2	6.2	9.0
19:00	264.0	269.8	252.2	264.1	24.7	18.3	15.8	6.0	8.4
20:00	260.1	269.3	243.2	263.8	23.1	18.0	14.9	4.7	6.8
21:00	257.8	265.5	242.6	260.1	22.6	18.9	15.8	4.6	6.6
22:00	266.8	272.6	253.7	266.9	21.8	15.1	12.6	4.2	6.5
23:00	266.0	276.2	248.6	270.4	44.6	28.8	21.8	2.7	4.3
Avg	223.0	223.0	226.0	220.0	27.6	21.2	16.7	.0	.0
Max	267.2	276.2	257.3	270.4	60.2	54.9	59.5	6.4	9.2
Hr. of Max	18	23	18	23	05	05	05	14	14
Min	43.0	58.4	2.7	48.7	19.9	14.9	11.4	.3	.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)

5/5/2017

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	7.4	4.0	6.3	7.8	4.4	8.1	1.4	2.8	-.03
01:00	9.0	3.9	7.1	9.5	4.6	9.8	3.2	3.3	.10
02:00	3.3	1.2	2.5	3.8	1.7	4.2	7.0	4.5	.21
03:00	5.3	1.9	3.9	5.5	2.4	5.8	3.8	2.8	.07
04:00	3.9	2.0	3.3	4.1	2.2	4.3	-6.1	-1.6	-.28
05:00	1.0	1.9	2.9	3.4	2.3	3.7	.0	2.0	-.08
06:00	9.0	4.9	7.1	9.5	5.4	10.0	2.1	-1.4	.03
07:00	8.9	4.8	7.0	9.1	5.3	9.6	2.0	1.5	-.01
08:00	10.8	6.4	8.8	11.0	6.7	11.6	1.4	-.4	-.05
09:00	9.9	5.5	8.0	10.2	6.1	10.8	1.4	.7	-.10
10:00	10.1	6.0	8.1	10.3	6.4	10.9	2.0	-.5	.01
11:00	8.3	5.6	7.2	8.6	6.2	9.2	1.3	.4	-.05
12:00	10.5	6.5	9.0	10.8	7.1	11.4	3.4	.8	.06
13:00	9.5	6.1	8.2	9.8	6.8	10.4	1.2	1.1	-.13
14:00	11.3	6.8	9.6	11.6	7.5	12.1	1.1	-1.3	-.09
15:00	9.9	5.6	8.2	10.3	6.0	10.8	1.9	.4	-.06
16:00	9.3	6.2	8.2	9.5	6.8	10.1	-1.3	-.5	-.35
17:00	10.2	6.7	9.1	11.3	7.1	11.6	-.4	-1.1	-.40
18:00	11.5	6.8	9.5	12.0	7.2	12.4	-.3	-2.5	-.30
19:00	11.0	6.4	8.8	11.4	7.0	11.8	-.5	-1.3	-.35
20:00	8.8	5.1	7.1	9.1	5.5	9.5	-.4	-.9	-.23
21:00	8.7	5.0	6.9	9.1	5.4	9.4	-.9	-.7	-.27
22:00	8.6	4.5	6.8	8.8	5.0	9.1	-1.0	-.6	-.21
23:00	5.8	3.1	4.8	6.3	3.7	6.7	1.7	-.9	-.03
Avg	.0	4.9	7.0	8.9	5.4	9.3	1.0	.3	-.11
Max	11.5	6.8	9.6	12.0	7.5	12.4	7.0	4.5	.21
Hr. of Max	18	18	14	18	14	18	02	02	02
Min	1.0	1.2	2.5	3.4	1.7	3.7	-6.1	-2.5	-.40
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2017

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	.23	14.0	20.2	21.8	15.4	8.3	13.1	12.6
01:00	.35	16.5	22.9	43.3	19.3	9.8	13.3	12.8
02:00	.30	4.6	7.1	9.2	18.9	13.5	12.8	12.6
03:00	.22	6.6	9.2	10.8	18.8	9.0	13.0	12.8
04:00	-.13	4.6	6.6	11.9	11.4	7.6	12.7	12.5
05:00	.06	7.3	9.4	9.8	14.9	14.1	12.6	12.4
06:00	-.35	16.3	20.2	22.9	18.6	11.4	12.6	12.1
07:00	.08	12.6	22.4	25.0	18.4	11.2	11.9	11.3
08:00	-.23	15.1	18.1	19.5	16.8	8.8	12.0	11.3
09:00	-.01	15.6	17.6	22.4	17.7	9.1	12.2	11.6
10:00	-.24	15.1	20.2	33.9	17.0	9.2	12.1	11.5
11:00	-.10	14.0	15.6	18.8	16.8	11.7	12.0	11.4
12:00	-.18	16.5	20.2	23.1	19.1	12.9	12.4	11.6
13:00	-.06	14.7	20.2	28.9	18.1	11.8	13.0	12.2
14:00	-.43	15.8	21.8	24.3	16.6	9.0	13.1	12.5
15:00	-.01	17.4	17.6	25.0	17.7	8.8	12.8	12.2
16:00	-.23	15.1	17.2	22.9	14.4	9.0	12.7	12.1
17:00	-.42	20.6	19.7	25.0	17.0	9.9	12.1	11.6
18:00	-.76	17.6	22.9	22.7	16.3	10.9	10.8	10.4
19:00	-.50	16.3	18.8	26.1	16.9	11.2	10.1	9.6
20:00	-.34	14.0	16.5	21.8	15.9	10.8	9.5	9.2
21:00	-.29	14.7	15.1	17.4	15.3	11.1	9.2	8.9
22:00	-.17	12.8	13.1	15.8	14.7	9.0	9.2	8.8
23:00	-.26	8.5	11.7	16.7	19.1	14.0	9.2	8.9
Avg	-.14	13.6	16.8	21.6	16.9	10.5	11.9	11.4
Max	.35	20.6	22.9	43.3	19.3	14.1	13.3	12.8
Hr. of Max	01	17	18	01	01	05	01	03
Min	-.76	4.6	6.6	9.2	11.4	7.6	9.2	8.8
Count	24	24	24	24	24	24	24	24
Total								