Date Printed: 01/23/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/22/2017

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	9.6	10.7	11.1	11.5	1.06	1.49	1.90	.43	.84
01:00	9.9	10.7	11.0	11.6	.81	1.10	1.70	.29	.89
02:00	10.7	11.2	11.3	11.5	.46	.59	.84	.13	.38
03:00	11.0	11.4	11.4	11.5	.39	.39	.51	.00	.12
04:00	10.7	11.2	11.1	11.1	.45	.42	.43	-.03	-.02
05:00	10.5	10.8	10.8	10.8	.26	.24	.28	-.02	.01
06:00	10.8	11.0	10.9	10.9	.17	.14	.14	-.03	-.03
07:00	10.7	10.8	10.9	10.9	.17	.19	.21	.02	.04
08:00	10.8	10.9	10.8	10.8	.08	.02	.00	-.07	-.09
09:00	11.2	11.2	11.1	11.1	-.04	-.13	-.15	-.09	-.10
10:00	12.2	12.0	11.8	11.8	-.18	-.35	-.41	-.18	-.24
11:00	13.9	13.7	13.6	13.7	-.15	-.23	-.13	-.08	.02
12:00	16.4	16.2	16.1	16.2	-.15	-.21	-.13	-.07	.02
13:00	17.9	17.6	17.5	17.4	-.28	-.46	-.51	-.18	-.23
14:00	18.1	17.9	17.6	17.6	-.22	-.44	-.52	-.22	-.30
15:00	17.5	17.6	17.4	17.4	.11	-.04	-.11	-.15	-.22
16:00	17.0	17.2	17.1	17.0	.23	.13	.08	-.10	-.15
17:00	16.0	16.4	16.4	16.4	.41	.36	.36	-.05	-.06
18:00	15.1	15.5	15.5	15.5	.40	.39	.39	-.01	-.02
19:00	13.9	14.2	14.3	14.3	.33	.37	.43	.04	.10
20:00	13.8	14.1	14.1	14.1	.30	.30	.32	.00	.02
21:00	13.1	13.3	13.4	13.4	.26	.31	.32	.05	.06
22:00	13.3	13.5	13.5	13.5	.19	.17	.17	-.01	-.02
23:00	12.1	12.4	12.6	12.7	.30	.46	.57	.16	.27
Avg	13.2	13.4	13.4	13.4	.22	.22	.28	-.01	.05
Max	18.1	17.9	17.6	17.6	1.06	1.49	1.90	.43	.89
Hr. of Max	14	14	14	14	00	00	00	00	01
Min	9.6	10.7	10.8	10.8	-.28	-.46	-.52	-.22	-.30
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/22/2017

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	9.1	10.3	9.3	11.8	97.5	98.8	8.9	9.6	0.00748
01:00	9.3	10.3	9.5	11.7	97.5	98.9	9.0	9.6	0.007597
02:00	10.2	10.8	10.3	11.7	97.7	98.7	9.5	9.9	0.008066
03:00	10.5	10.9	10.6	11.6	97.8	98.5	9.7	10.0	0.008232
04:00	10.2	10.7	10.4	11.6	97.7	98.5	9.5	9.8	0.008073
05:00	10.0	10.4	10.2	11.6	97.7	98.6	9.4	9.6	0.007973
06:00	10.2	10.6	10.4	11.5	97.7	98.7	9.5	9.7	0.008128
07:00	10.1	10.5	10.3	11.5	97.6	98.8	9.5	9.7	0.008066
08:00	10.3	10.5	10.4	11.4	97.6	98.8	9.5	9.7	0.008146
09:00	10.7	10.8	10.8	11.4	97.7	98.7	9.8	9.9	0.008365
10:00	11.7	11.6	11.8	11.4	97.9	98.4	10.4	10.4	0.008955
11:00	12.7	12.3	13.1	11.5	94.3	92.6	11.1	10.8	0.00963
12:00	13.2	12.5	14.2	11.6	83.2	80.3	11.4	10.9	0.009946
13:00	11.8	11.2	13.8	11.8	68.6	66.9	10.4	9.9	0.009096
14:00	11.5	11.0	13.7	12.0	66.5	65.2	10.1	9.8	0.008918
15:00	12.0	11.4	13.8	12.3	71.4	68.0	10.5	10.1	0.00922
16:00	12.0	11.6	13.7	12.5	73.8	70.7	10.5	10.2	0.009237
17:00	12.1	11.8	13.4	12.6	78.6	75.2	10.6	10.4	0.009275
18:00	12.4	12.3	13.3	12.7	85.4	82.7	10.9	10.8	0.009486
19:00	13.2	13.3	13.4	12.7	97.2	96.1	11.5	11.6	0.01001
20:00	12.8	12.8	13.1	12.7	95.3	93.7	11.2	11.2	0.00975
21:00	12.1	12.1	12.4	12.7	95.1	93.6	10.7	10.7	0.009317
22:00	12.7	12.9	12.9	12.7	97.4	97.8	11.1	11.3	0.009673
23:00	11.1	11.1	11.5	12.7	94.9	92.7	10.1	10.0	0.008739
Avg	11.3	11.4	11.9	12.0	90.7	90.0	10.2	10.2	0.008807
Max	13.2	13.3	14.2	12.7	97.9	98.9	11.5	11.6	0.01001
Hr. of Max	19	19	12	23	10	01	19	19	19
Min	9.1	10.3	9.3	11.4	66.5	65.2	8.9	9.6	0.00748
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/22/2017

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	0.008146	11.6	12.6	.00	28.74	973.2	-2.7	.00	58.2
01:00	0.008137	11.7	12.6	.00	28.71	972.3	-2.2	.00	66.5
02:00	0.008405	12.4	12.9	.00	28.67	971.1	-2.3	.00	72.1
03:00	0.008508	12.7	13.1	.00	28.66	970.7	-1.8	.00	70.3
04:00	0.008379	12.4	12.9	.00	28.67	971.0	-3.4	.00	67.7
05:00	0.008186	12.3	12.6	.03	28.65	970.2	-3.7	-.01	50.0
06:00	0.008308	12.5	12.8	.02	28.60	968.5	-2.3	.00	59.5
07:00	0.008263	12.4	12.7	.14	28.58	967.9	-2.3	.00	56.8
08:00	0.008291	12.5	12.7	.10	28.59	968.1	9.8	.01	79.7
09:00	0.008422	12.9	12.9	.00	28.59	968.4	48.1	.07	59.9
10:00	0.008898	13.7	13.7	.00	28.60	968.5	165.8	.24	68.0
11:00	0.009359	14.8	14.3	.00	28.58	967.8	229.0	.33	115.4
12:00	0.009503	15.2	14.5	.00	28.54	966.5	237.4	.34	225.3
13:00	0.008718	13.9	13.3	.00	28.48	964.6	309.7	.44	244.4
14:00	0.008627	13.6	13.2	.00	28.45	963.4	243.2	.35	288.6
15:00	0.008846	14.1	13.5	.00	28.45	963.3	108.1	.16	3.4
16:00	0.008981	14.1	13.7	.00	28.42	962.3	57.9	.08	39.9
17:00	0.009115	14.1	13.9	.00	28.39	961.4	9.2	.01	55.0
18:00	0.009431	14.4	14.4	.02	28.38	961.0	-2.4	.00	58.3
19:00	0.010104	15.2	15.3	.03	28.35	959.9	-2.0	.00	62.7
20:00	0.009777	14.8	14.8	.00	28.31	958.8	-1.7	.00	58.2
21:00	0.009325	14.1	14.1	.09	28.29	957.9	-2.6	.00	55.4
22:00	0.009832	14.7	14.9	.13	28.30	958.2	-2.6	.00	66.4
23:00	0.008715	13.3	13.2	.19	28.31	958.6	-2.2	.00	66.6
Avg	0.008845	13.5	13.5	.03	28.51	965.6	57.7	.08	59.0
Max	0.010104	15.2	15.3	.19	28.74	973.2	309.7	.44	288.6
Hr. of Max	19	19	19	23	00	00	13	13	14
Min	0.008137	11.6	12.6	.00	28.29	957.9	-3.7	-.01	3.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/22/2017

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	48.4	51.3	44.2	35.5	39.3	20.8	37.7	1.2	1.9
01:00	58.6	67.6	55.0	58.9	23.2	11.6	6.9	1.3	3.6
02:00	63.9	59.5	66.1	49.8	25.5	16.6	12.4	2.3	4.6
03:00	64.8	60.2	61.9	50.9	24.0	16.7	11.8	1.9	3.9
04:00	65.9	70.9	52.3	61.4	26.4	15.2	12.8	1.5	2.5
05:00	51.1	61.1	34.5	52.1	33.0	13.6	9.3	1.8	4.9
06:00	54.1	52.6	50.4	43.3	32.0	23.6	14.2	2.4	5.5
07:00	49.1	46.9	47.3	36.7	22.9	14.3	9.7	2.4	5.8
08:00	67.2	62.5	67.1	53.2	58.6	46.8	37.2	2.3	4.6
09:00	56.5	61.6	49.6	52.1	26.7	22.4	8.5	2.1	3.7
10:00	40.3	31.3	58.3	20.6	28.4	27.4	18.8	1.2	1.8
11:00	148.0	300.6	129.9	289.0	26.6	55.6	56.0	.7	.2
12:00	243.8	241.8	232.8	237.2	33.8	16.9	13.0	3.3	5.6
13:00	250.8	247.2	245.0	242.9	31.5	21.7	18.4	4.4	6.3
14:00	291.6	288.9	282.1	281.8	61.5	38.6	34.5	1.8	2.5
15:00	328.1	329.0	319.4	322.8	45.5	29.9	27.9	1.3	2.3
16:00	37.1	35.5	30.5	25.7	24.1	15.9	13.2	3.0	5.7
17:00	51.7	51.0	46.8	41.6	22.9	13.8	9.0	3.3	7.2
18:00	53.7	51.0	52.0	41.4	25.8	15.8	11.2	3.4	7.1
19:00	59.6	57.4	56.5	47.8	23.4	17.8	12.7	4.2	8.2
20:00	51.6	51.1	51.8	41.5	25.5	14.4	10.3	4.8	9.8
21:00	54.7	54.5	49.4	45.0	23.1	13.0	10.0	6.6	13.6
22:00	54.3	55.0	61.4	44.7	46.6	46.6	32.3	3.5	7.5
23:00	70.5	68.3	55.8	57.3	65.2	61.5	53.7	2.2	5.0
Avg	51.0	44.0	48.0	33.0	33.1	24.6	20.1	.0	.0
Max	328.1	329.0	319.4	322.8	65.2	61.5	56.0	6.6	13.6
Hr. of Max	15	15	15	15	23	23	11	21	21
Min	37.1	31.3	30.5	20.6	22.9	11.6	6.9	.7	.2
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)

1/22/2017

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	2.8	1.5	2.5	2.9	1.7	3.1	-.2	.5	-.04
01:00	5.2	1.5	3.7	5.3	1.7	5.5	-1.8	.4	-.10
02:00	6.5	2.7	5.0	6.7	3.0	7.0	-1.4	-.2	-.11
03:00	5.9	2.1	4.1	6.1	2.4	6.3	-2.0	.2	-.14
04:00	3.5	1.7	2.9	3.7	2.0	4.0	-2.7	-1.2	-.11
05:00	6.5	2.1	5.0	6.6	2.5	7.0	-3.2	.1	-.23
06:00	7.9	2.8	5.8	8.1	3.0	8.4	-1.7	1.8	-.23
07:00	7.8	2.6	6.0	7.9	2.9	8.2	1.7	2.1	-.01
08:00	6.7	3.6	5.7	7.7	4.0	8.0	1.7	4.3	.00
09:00	4.3	2.2	3.8	4.4	2.3	4.5	-3.8	-2.2	-.20
10:00	2.1	1.4	2.0	2.4	1.7	2.6	8.2	2.8	.16
11:00	1.0	.8	1.1	1.7	1.3	2.1	-1.6	-3.2	.01
12:00	7.5	3.6	5.8	7.7	4.1	8.2	4.4	-.4	.07
13:00	7.6	4.9	6.8	8.0	5.4	8.6	1.2	-1.6	-.13
14:00	3.0	2.6	3.3	3.8	3.1	4.1	-.3	-.3	-.16
15:00	2.4	1.8	2.8	3.0	2.1	3.3	1.4	-.6	-.09
16:00	6.9	3.4	6.3	7.5	3.7	7.9	-.7	.3	-.25
17:00	9.9	3.6	7.5	10.1	4.0	10.5	-.1	1.2	-.21
18:00	9.3	3.7	7.4	9.5	4.1	9.9	.4	1.4	-.17
19:00	11.3	4.6	8.6	11.6	4.9	11.9	.8	1.4	-.12
20:00	13.0	5.3	10.1	13.2	5.4	13.6	-.1	1.6	-.27
21:00	17.2	7.1	14.0	17.4	7.5	17.9	.4	1.4	-.35
22:00	10.3	4.5	8.5	11.1	5.1	11.7	3.7	1.9	-.03
23:00	6.9	4.4	7.8	9.5	4.8	10.4	1.7	2.5	-.07
Avg	.0	3.1	5.7	7.3	3.4	7.7	.3	.6	-.12
Max	17.2	7.1	14.0	17.4	7.5	17.9	8.2	4.3	.16
Hr. of Max	21	21	21	21	21	21	10	08	10
Min	1.0	.8	1.1	1.7	1.3	2.1	-3.8	-3.2	-.35
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/22/2017

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	.03	3.7	6.4	6.6	8.1	7.9	11.4	12.0
01:00	.03	4.4	7.1	12.6	9.9	2.8	11.3	12.0
02:00	-.05	6.2	10.1	10.5	10.8	4.9	11.9	12.0
03:00	.02	5.5	7.8	10.3	15.7	5.1	12.1	11.9
04:00	-.07	5.7	8.2	8.0	15.2	7.4	11.9	11.5
05:00	.03	12.6	14.7	16.3	20.2	6.4	11.4	11.2
06:00	.21	19.7	17.6	25.0	21.8	8.2	11.6	11.3
07:00	.28	8.9	11.4	13.1	18.1	6.2	11.5	11.2
08:00	.37	11.7	14.7	20.2	18.8	12.1	11.6	11.3
09:00	-.16	6.2	6.9	7.1	18.8	6.0	11.9	11.6
10:00	.07	6.2	9.8	10.1	25.9	16.7	12.9	12.4
11:00	-.10	3.4	5.5	8.2	22.8	21.8	14.6	14.4
12:00	-.19	11.2	13.1	14.4	19.2	9.8	17.0	16.6
13:00	-.41	14.4	18.5	20.6	16.9	12.3	18.3	17.6
14:00	-.28	13.5	11.0	13.5	21.5	19.1	18.5	17.9
15:00	-.01	8.0	8.2	8.5	18.6	11.8	18.3	17.8
16:00	-.03	12.1	13.3	13.7	20.3	8.6	17.9	17.5
17:00	.13	12.8	15.8	19.5	19.7	7.8	17.2	16.8
18:00	.16	10.5	16.7	17.2	19.2	7.6	16.3	16.0
19:00	.21	12.1	18.5	19.5	17.1	7.2	15.0	14.8
20:00	.26	21.8	36.9	38.7	19.7	8.6	14.9	14.6
21:00	.30	22.4	29.8	30.5	18.7	7.9	14.1	13.9 R
22:00	.08	18.1	24.3	30.7	24.2	15.3	14.4	14.0
23:00	.68	15.1	24.5	28.6	19.6	12.7	13.2	13.3
Avg	.07	11.1	14.6	16.8	18.4	9.8	14.1	13.9
Max	.68	22.4	36.9	38.7	25.9	21.8	18.5	17.9
Hr. of Max	23	21	20	20	10	11	14	14
Min	-.41	3.4	5.5	6.6	8.1	2.8	11.3	11.2
Count	24	24	24	24	24	24	24	24
Total								