Date Printed: 01/16/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/15/2017

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	15.7	16.2	16.1	16.1	.46	.37	.32	-.09	-.14
01:00	15.4	15.7	15.6	15.6	.31	.21	.16	-.11	-.15
02:00	14.8	15.2	15.2	15.1	.46	.39	.34	-.08	-.12
03:00	14.5	14.8	14.8	14.7	.35	.27	.22	-.08	-.13
04:00	13.6	14.2	14.1	14.1	.55	.51	.51	-.04	-.05
05:00	13.2	13.5	13.4	13.4	.27	.26	.26	-.02	-.02
06:00	12.8	12.9	12.9	12.9	.14	.08	.14	-.06	.00
07:00	12.4	12.7	12.7	12.7	.35	.35	.33	-.01	-.03
08:00	12.4	12.7	12.7	12.6	.27	.23	.19	-.05	-.08
09:00	12.8	12.8	12.7	12.6	-.04	-.19	-.26	-.15	-.22
10:00	13.5	13.4	13.2	13.0	-.15	-.35	-.46	-.20	-.31
11:00	14.5	14.3	14.1	14.0	-.19	-.42	-.52	-.23	-.32
12:00	15.3	15.1	14.8	14.7	-.24	-.46	-.56	-.22	-.32
13:00	16.1	15.8	15.5	15.5	-.28	-.52	-.61	-.24	-.32
14:00	16.9	16.6	16.4	16.3	-.30	-.56	-.65	-.26	-.35
15:00	17.4	17.2	17.0	16.9	-.20	-.43	-.50	-.23	-.30
16:00	17.2	17.2	17.0	17.0	-.02	-.20	-.27	-.17	-.25
17:00	16.1	16.7	16.7	16.6	.60	.55	.49	-.06	-.11
18:00	14.6	15.9	16.0	16.2	1.33	1.46	1.61	.13	.28
19:00	14.0	15.3	15.5	15.8	1.31	1.52	1.76	.21	.45
20:00	13.9	14.7	14.8	14.9	.77	.89	1.02	.12	.24
21:00	13.7	14.2	14.2	14.2	.53	.51	.55	-.02	.02
22:00	13.4	13.9	13.8	13.9	.47	.44	.49	-.03	.02
23:00	12.5	13.4	13.5	13.6	.88	1.02	1.10	.14	.22
Avg	14.4	14.8	14.7	14.7	.32	.25	.24	-.07	-.08
Max	17.4	17.2	17.0	17.0	1.33	1.52	1.76	.21	.45
Hr. of Max	15	16	16	16	18	19	19	19	19
Min	12.4	12.7	12.7	12.6	-.30	-.56	-.65	-.26	-.35
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/15/2017

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	13.5	13.4	14.2	12.0	87.9	84.8	11.6	11.5	0.009841
01:00	13.2	13.2	13.9	11.9	88.1	86.3	11.4	11.4	0.009657
02:00	13.2	13.2	13.7	11.9	91.6	88.9	11.4	11.4	0.009639
03:00	13.0	13.1	13.5	11.9	92.3	90.5	11.3	11.3	0.009534
04:00	12.7	12.8	13.0	11.9	95.9	93.0	11.2	11.2	0.009363
05:00	12.6	12.7	12.8	11.8	97.8	96.7	11.1	11.1	0.009283
06:00	12.2	12.4	12.4	11.8	97.8	98.2	10.8	10.9	0.009042
07:00	11.8	12.0	12.0	11.8	97.8	96.8	10.6	10.7	0.00881
08:00	11.9	11.9	12.1	11.7	97.8	96.2	10.6	10.6	0.008836
09:00	12.3	12.0	12.4	11.7	97.6	96.0	10.8	10.6	0.009049
10:00	12.8	12.6	13.0	11.7	96.8	96.5	11.2	11.0	0.009375
11:00	12.3	12.1	13.1	11.8	88.0	87.5	10.8	10.6	0.009118
12:00	12.3	12.1	13.3	11.9	83.6	83.7	10.8	10.6	0.009109
13:00	12.3	12.0	13.5	12.0	79.3	79.5	10.7	10.6	0.009088
14:00	12.5	12.2	14.0	12.2	76.2	76.5	10.8	10.7	0.009229
15:00	12.5	12.4	14.2	12.4	74.3	74.7	10.9	10.8	0.009276
16:00	12.8	12.7	14.3	12.6	76.4	76.1	11.1	11.0	0.009424
17:00	13.0	12.9	14.0	12.7	83.0	79.7	11.2	11.2	0.009531
18:00	12.9	13.0	13.5	12.7	91.3	84.5	11.3	11.3	0.009515
19:00	12.9	13.1	13.3	12.7	94.4	88.1	11.2	11.4	0.009466
20:00	12.9	13.3	13.3	12.6	95.4	92.9	11.3	11.5	0.009497
21:00	12.7	12.9	13.1	12.6	95.5	93.5	11.1	11.3	0.009379
22:00	12.5	12.6	12.8	12.5	95.7	93.7	11.0	11.1	0.009229
23:00	11.9	12.7	12.1	12.4	97.6	97.0	10.6	11.1	0.008873
Avg	12.6	12.6	13.2	12.1	90.5	88.8	11.0	11.0	0.009298
Max	13.5	13.4	14.3	12.7	97.8	98.2	11.6	11.5	0.009841
Hr. of Max	00	00	16	19	08	06	00	20	00
Min	11.8	11.9	12.0	11.7	74.3	74.7	10.6	10.6	0.00881
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/15/2017

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	0.00978	15.5	15.4	.00	29.40	995.6	-2.1	.00	254.8
01:00	0.009649	15.2	15.2	.00	29.39	995.3	-1.9	.00	234.5
02:00	0.009644	15.2	15.2	.00	29.39	995.3	-2.5	.00	214.5
03:00	0.009561	15.0	15.1	.00	29.39	995.2	-2.7	.00	230.6
04:00	0.009409	14.8	14.8	.00	29.39	995.2	-2.4	.00	214.9
05:00	0.009345	14.6	14.7	.00	29.39	995.2	-2.4	.00	232.7
06:00	0.009161	14.3	14.4	.00	29.39	995.3	-2.7	.00	219.9
07:00	0.008927	13.9	14.1	.00	29.40	995.6	-1.4	.00	117.1
08:00	0.00885	13.9	14.0	.00	29.41	995.8	12.3	.02	119.9
09:00	0.008874	14.3	14.0	.00	29.41	996.1	52.6	.08	54.0
10:00	0.009246	14.8	14.6	.01	29.41	996.1	165.8	.24	134.5
11:00	0.008947	14.4	14.1	.00	29.40	995.7	181.9	.26	150.9
12:00	0.008975	14.4	14.1	.00	29.37	994.7	208.2	.30	94.6
13:00	0.008938	14.3	14.1	.00	29.34	993.7	224.1	.32	220.0
14:00	0.009092	14.5	14.3	.00	29.32	993.0	214.6	.31	222.4
15:00	0.009203	14.6	14.5	.00	29.32	992.8	143.0	.20	336.5
16:00	0.009376	14.8	14.7	.00	29.32	992.8	86.5	.12	25.2
17:00	0.009515	15.0	15.0	.00	29.32	992.9	24.0	.03	27.8
18:00	0.009582	15.0	15.1	.00	29.32	993.0	-2.3	.00	49.3
19:00	0.009625	14.9	15.1	.00	29.33	993.4	-1.9	.00	63.6
20:00	0.009725	14.9	15.3	.00	29.34	993.5	-2.3	.00	62.0
21:00	0.009504	14.8	15.0	.00	29.34	993.5	-1.8	.00	74.1
22:00	0.00931	14.5	14.7	.00	29.33	993.4	-1.7	.00	71.2
23:00	0.009344	14.0	14.7	.00	29.33	993.3	-2.0	.00	55.6
Avg	0.009316	14.7	14.7	.00	29.36	994.4	53.5	.08	122.0
Max	0.00978	15.5	15.4	.01	29.41	996.1	224.1	.32	336.5
Hr. of Max	00	00	00	10	10	10	13	13	15
Min	0.00885	13.9	14.0	.00	29.32	992.8	-2.7	.00	25.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/15/2017

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	286.3	291.6	260.7	284.6	52.4	25.3	18.2	1.6	3.0
01:00	261.0	269.7	238.6	264.3	36.1	23.9	20.1	2.3	3.6
02:00	261.1	269.9	242.7	264.2	57.2	23.8	21.1	1.1	2.1
03:00	271.3	283.0	248.6	276.8	57.8	30.9	24.3	1.2	2.2
04:00	227.8	236.8	218.7	232.7	21.4	16.4	18.0	2.7	3.9
05:00	246.7	251.6	235.3	246.8	13.2	9.7	10.8	2.5	4.1
06:00	232.4	235.7	224.1	231.5	18.7	7.9	6.7	2.6	4.3
07:00	240.5	269.3	203.2	265.4	40.4	44.8	39.5	.2	.7
08:00	311.7	321.3	260.1	305.2	47.3	25.5	29.0	.1	.3
09:00	332.7	334.5	292.8	330.1	19.7	16.8	19.9	.3	.5
10:00	222.5	241.9	180.2	234.7	29.7	56.4	46.5	.4	.3
11:00	188.9	194.5	192.0	193.7	46.0	49.1	36.9	.7	.9
12:00	332.1	262.8	78.2	284.6	51.2	52.2	71.4	.3	.4
13:00	253.3	248.4	246.4	242.0	64.0	43.9	33.9	1.2	1.6
14:00	247.5	241.8	232.4	236.6	53.6	41.6	31.4	1.7	1.9
15:00	313.6	303.8	308.5	297.5	63.8	33.9	30.3	.8	1.4
16:00	14.3	11.5	10.1	.6	25.8	18.6	17.2	1.9	3.0
17:00	19.9	23.9	5.3	12.4	18.7	10.0	8.6	1.5	2.9
18:00	44.9	41.6	34.9	31.4	19.1	14.7	8.4	1.0	2.1
19:00	46.9	63.2	45.4	54.4	27.0	15.7	9.4	.9	1.9
20:00	60.1	58.3	50.5	49.0	15.8	8.1	5.8	1.9	4.8
21:00	64.2	59.8	65.3	50.7	14.1	13.0	8.8	2.0	4.0
22:00	61.9	55.9	59.6	46.7	14.4	9.2	6.3	1.3	3.3
23:00	52.7	56.3	40.9	46.3	24.9	15.6	10.2	1.4	3.1
Avg	299.0	298.0	263.0	295.0	34.7	25.3	22.2	.0	.0
Max	332.7	334.5	308.5	330.1	64.0	56.4	71.4	2.7	4.8
Hr. of Max	09	09	15	09	13	10	12	04	20
Min	14.3	11.5	5.3	.6	13.2	7.9	5.8	.1	.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)

1/15/2017

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	4.8	2.1	3.4	5.1	2.5	5.3	.5	-2.6	-.11
01:00	4.8	2.6	3.8	5.1	3.0	5.4	1.8	-.1	-.03
02:00	3.1	1.4	2.5	3.5	1.9	3.7	.4	.5	.00
03:00	3.4	1.5	2.5	3.6	2.0	3.9	5.1	.3	.15
04:00	4.4	3.0	4.2	4.7	3.2	5.1	1.6	-.6	.07
05:00	4.7	2.7	4.3	4.8	3.1	5.1	1.4	-.6	.04
06:00	4.8	2.7	4.4	4.9	3.0	5.2	.7	.6	.01
07:00	.9	.3	1.0	1.3	1.0	1.5	1.9	.9	.03
08:00	.3	.4	.8	1.2	.8	1.4	-1.3	-1.4	-.03
09:00	.7	.4	.7	.8	.8	1.1	-3.4	-4.2	-.09
10:00	.4	.5	.5	.7	1.2	1.1	5.1	-.5	.15
11:00	1.2	1.2	1.4	1.6	1.7	2.0	-5.1	-16.9	-.09
12:00	.4	1.3	1.3	1.2	1.9	1.7	1.7	-5.9	.06
13:00	1.8	1.5	1.9	2.2	2.0	2.6	-4.8	-6.0	-.08
14:00	2.1	2.2	2.4	2.5	2.7	2.9	4.4	1.7	.07
15:00	1.6	1.4	2.0	2.2	1.9	2.6	-2.7	-4.3	-.18
16:00	3.0	2.2	3.2	3.2	2.5	3.5	-4.2	-3.4	-.28
17:00	3.3	1.6	3.0	3.4	2.0	3.6	-4.3	-1.9	-.21
18:00	3.0	1.3	2.5	3.3	1.5	3.5	.5	1.5	-.03
19:00	3.0	1.1	2.0	3.1	1.3	3.3	2.0	.9	.03
20:00	6.4	2.0	4.9	6.4	2.3	6.7	-3.5	-.4	-.19
21:00	5.4	2.1	4.2	5.4	2.4	5.6	-.2	.4	-.05
22:00	4.5	1.4	3.3	4.6	1.7	4.8	-2.6	-.3	-.11
23:00	3.8	1.6	3.4	4.0	1.9	4.2	-2.4	.1	-.13
Avg	.0	1.6	2.7	3.3	2.0	3.6	-.3	-1.8	-.04
Max	6.4	3.0	4.9	6.4	3.2	6.7	5.1	1.7	.15
Hr. of Max	20	04	20	20	04	20	10	14	10
Min	.3	.3	.5	.7	.8	1.1	-5.1	-16.9	-.28
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/15/2017

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	-.44	9.4	12.4	12.8	20.0	13.9	17.1	16.6
01:00	-.19	8.7	10.1	16.0	17.9	13.9	16.6	16.1
02:00	-.04	5.3	6.6	9.4	14.7	12.2	16.1	15.7
03:00	-.10	5.5	6.4	8.0	19.5	15.1	15.7	15.2
04:00	-.08	5.7	8.0	8.5	9.1	9.6	15.0	14.7
05:00	-.08	8.5	14.9	16.0	9.0	5.1	14.3	13.9
06:00	.05	5.7	10.3	8.7	8.8	3.1	13.7	13.4
07:00	.01	3.4	5.0	5.3	10.9	11.8	13.5	13.2
08:00	-.03	1.8	2.5	3.0	9.0	11.3	13.5	13.0
09:00	-.13	3.0	3.0	3.0	15.0	16.3	13.6	13.0
10:00	-.04	2.5	2.7	3.2	29.5	27.9	14.2	13.6
11:00	-.54	3.9	4.4	4.4	29.3	24.4	15.1	14.5
12:00	-.15	4.4	5.3	5.5	27.3	32.6	15.9	15.2
13:00	-.31	6.6	6.0	6.2	26.8	30.3	16.6	15.9
14:00	-.10	5.5	6.2	6.4	22.2	26.5	17.4	16.7
15:00	-.24	5.7	5.7	5.3	24.4	21.5	18.0	17.4
16:00	-.21	9.4	8.9	5.5	15.8	10.1	18.0	17.5
17:00	-.12	4.8	6.4	8.2	10.4	4.7	17.5	17.1
18:00	.09	3.2	4.6	5.5	8.8	3.7	16.7	16.7
19:00	.04	2.7	4.6	6.2	7.2	3.6	16.1	16.3
20:00	-.05	5.5	8.5	9.6	12.7	3.5	15.5	15.5
21:00	.02	5.3	10.5	9.6	14.1	4.4	15.0	14.7
22:00	-.02	4.6	9.4	9.4	14.2	4.3	14.7	14.4
23:00	-.01	4.6	6.9	6.9	11.8	4.0	14.2	14.1
Avg	-.11	5.2	7.1	7.6	16.2	13.1	15.6	15.2
Max	.09	9.4	14.9	16.0	29.5	32.6	18.0	17.5
Hr. of Max	18	16	05	05	10	12	16	16
Min	-.54	1.8	2.5	3.0	7.2	3.1	13.5	13.0
Count	24	24	24	24	24	24	24	24
Total								