Date Printed: 06/16/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2017

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	20.4	21.3	21.8	22.0	.91	1.37	1.57	.46	.66
01:00	20.0	21.0	21.4	21.7	1.01	1.33	1.64	.32	.64
02:00	20.2	20.6	20.9	21.2	.36	.70	.93	.33	.57
03:00	20.5	20.5	20.6	20.7	.05	.11	.24	.07	.19
04:00	19.9	20.1	20.4	20.7	.19	.46	.76	.27	.57
05:00	19.3	19.7	20.0	20.4	.35	.65	1.05	.30	.70
06:00	19.0	19.5	19.9	20.1	.50	.88	1.10	.38	.60
07:00	19.8	19.8	20.0	20.3	-.02	.20	.46	.22	.48
08:00	21.7	21.7	21.2	21.4	-.03	-.54	-.33	-.51	-.30
09:00	24.2	23.6	23.2	23.1	-.59	-.96	-1.09	-.37	-.50
10:00	26.3	25.4	25.0	25.0	-.91	-1.22	-1.28	-.31	-.36
11:00	27.9	26.9	26.6	26.5	-.98	-1.31	-1.44	-.34	-.46
12:00	28.7	28.0	27.8	27.7	-.72	-.96	-1.05	-.24	-.33
13:00	29.1	28.4	28.1	27.9	-.73	-1.04	-1.15	-.30	-.41
14:00	25.8	25.3	25.1	25.0	-.43	-.65	-.75	-.22	-.32
15:00	23.8	23.4	23.2	23.1	-.40	-.66	-.75	-.25	-.34
16:00	22.9	22.4	22.2	22.0	-.45	-.72	-.85	-.27	-.39
17:00	23.1	22.7	22.4	22.3	-.37	-.66	-.78	-.29	-.40
18:00	23.6	23.1	22.9	22.8	-.46	-.73	-.85	-.28	-.39
19:00	23.1	22.9	22.6	22.6	-.29	-.50	-.57	-.21	-.28
20:00	21.7	21.7	21.6	21.7	.02	-.04	.04	-.06	.02
21:00	20.3	20.6	20.7	20.9	.32	.37	.62	.05	.30
22:00	20.4	20.5	20.4	20.5	.07	.06	.13	-.01	.06
23:00	20.2	20.1	20.0	20.1	-.06	-.13	-.05	-.07	.01
Avg	22.6	22.5	22.4	22.5	-.11	-.17	-.10	-.06	.01
Max	29.1	28.4	28.1	27.9	1.01	1.37	1.64	.46	.70
Hr. of Max	13	13	13	13	01	00	01	00	05
Min	19.0	19.5	19.9	20.1	-.98	-1.31	-1.44	-.51	-.50
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2017

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	19.7	20.9	19.9	23.7	98.0	99.8	17.0	18.2	0.014852
01:00	19.3	20.8	19.6	23.6	98.0	101.1	16.6	18.1	0.014517
02:00	19.5	20.4	19.8	23.5	98.0	101.4	16.8	17.7	0.014702
03:00	19.8	20.4	20.0	23.3	98.0	101.6	17.0	17.7	0.014928
04:00	19.2	20.0	19.4	23.2	98.1	101.6	16.5	17.3	0.014427
05:00	18.7	19.6	18.9	23.1	98.0	101.5	16.0	16.9	0.013931
06:00	18.4	19.4	18.6	23.0	98.0	101.5	15.7	16.7	0.013643
07:00	19.1	19.6	19.4	22.9	98.1	101.4	16.4	17.0	0.01435
08:00	19.8	20.2	20.4	22.8	91.2	93.4	17.0	17.4	0.014979
09:00	20.1	19.4	21.4	22.7	79.8	79.4	17.2	16.5	0.015257
10:00	20.5	19.9	22.4	22.7	72.5	73.8	17.5	17.0	0.015673
11:00	20.9	20.2	23.2	22.9	67.7	68.5	17.9	17.2	0.016132
12:00	20.8	20.3	23.5	23.1	64.3	64.6	17.8	17.2	0.016083
13:00	21.1	20.7	23.8	23.5	64.2	65.1	18.1	17.6	0.016375
14:00	20.4	20.4	22.2	23.8	74.6	76.4	17.5	17.5	0.01566
15:00	20.6	20.7	21.7	23.9	84.7	87.1	17.8	17.9	0.015826
16:00	20.5	20.4	21.3	24.0	88.9	90.8	17.8	17.7	0.015755
17:00	19.2	19.0	20.5	24.0	80.8	81.8	16.3	16.2	0.01446
18:00	18.4	18.2	20.1	24.0	74.4	75.7	15.5	15.4	0.013778
19:00	18.7	18.8	20.2	24.0	78.0	79.7	15.9	15.9	0.014032
20:00	18.3	18.4	19.4	24.0	83.4	83.7	15.6	15.6	0.013697
21:00	18.7	19.2	19.3	23.9	92.7	93.7	16.0	16.5	0.014028
22:00	19.2	19.7	19.6	23.8	95.0	97.9	16.5	17.0	0.014424
23:00	19.1	19.5	19.5	23.6	95.8	98.7	16.4	16.8	0.014342
Avg	19.6	19.8	20.6	23.5	86.3	88.3	16.8	17.0	0.014827
Max	21.1	20.9	23.8	24.0	98.1	101.6	18.1	18.2	0.016375
Hr. of Max	13	00	13	20	07	04	13	00	13
Min	18.3	18.2	18.6	22.7	64.2	64.6	15.5	15.4	0.013643
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2017

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	0.015997	23.0	24.7	.00	29.12	986.1	-2.4	.00	46.5
01:00	0.015937	22.5	24.6	.00	29.10	985.6	-2.5	.00	113.7
02:00	0.015549	22.8	24.0	.00	29.09	985.3	-2.7	.00	158.4
03:00	0.015507	23.1	24.0	.00	29.08	985.0	-2.9	.00	102.6
04:00	0.015125	22.3	23.4	.00	29.08	984.9	-2.2	.00	191.1
05:00	0.014747	21.6	22.8	.00	29.09	985.1	-2.3	.00	217.7
06:00	0.014573	21.2	22.6	.00	29.10	985.4	8.5	.01	204.4
07:00	0.014816	22.2	22.9	.00	29.10	985.5	110.9	.16	193.6
08:00	0.015312	23.2	23.7	.00	29.10	985.6	339.1	.49	198.7
09:00	0.014632	23.6	22.7	.00	29.10	985.6	546.2	.78	161.5
10:00	0.015111	24.2	23.4	.00	29.10	985.5	728.2	1.04	227.5
11:00	0.015402	24.9	23.8	.00	29.09	985.1	860.1	1.23	178.0
12:00	0.015496	24.8	23.9	.00	29.06	984.3	643.2	.92	138.1
13:00	0.015922	25.2	24.6	.00	29.05	983.8	547.2	.78	229.2
14:00	0.015639	24.2	24.1	.00	29.05	983.8	198.4	.28	256.3
15:00	0.015887	24.4	24.5	.01	29.06	984.1	265.4	.38	232.0
16:00	0.015633	24.3	24.1	.00	29.02	982.7	352.3	.50	212.3
17:00	0.014317	22.3	22.1	.00	28.99	981.9	235.8	.34	204.0
18:00	0.013628	21.3	21.1	.00	28.99	981.9	267.6	.38	226.8
19:00	0.014084	21.7	21.8	.00	29.01	982.5	107.4	.15	269.9
20:00	0.013774	21.2	21.3	.00	29.00	982.0	24.1	.03	227.2
21:00	0.014457	21.7	22.3	.00	29.02	982.8	-2.0	.00	224.0
22:00	0.01493	22.3	23.1	.00	29.04	983.4	-2.7	.00	241.6
23:00	0.01472	22.2	22.7	.00	29.04	983.4	-2.4	.00	230.4
Avg	0.01505	22.9	23.3	.00	29.06	984.2	217.2	.31	204.0
Max	0.015997	25.2	24.7	.01	29.12	986.1	860.1	1.23	269.9
Hr. of Max	00	13	00	15	00	00	11	11	19
Min	0.013628	21.2	21.1	.00	28.99	981.9	-2.9	.00	46.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2017

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	268.7	197.6	266.4	197.4	43.2	32.5	14.2	.2	.5
01:00	16.9	325.1	250.0	295.5	37.5	34.8	48.9	.7	.3
02:00	289.7	242.7	233.1	242.6	25.7	45.7	12.4	.4	.5
03:00	68.0	89.4	106.7	71.7	47.6	33.2	29.2	.5	.7
04:00	280.6	233.6	239.1	233.3	33.9	44.2	38.9	.4	.3
05:00	263.2	217.5	242.8	216.4	34.0	20.4	26.2	1.0	.3
06:00	249.2	207.3	243.6	214.0	26.5	23.5	27.5	.7	1.1
07:00	253.4	202.3	236.0	202.3	32.1	14.5	23.3	.6	1.3
08:00	230.7	212.8	218.0	209.3	46.7	30.5	30.6	1.1	1.4
09:00	195.8	197.8	183.7	192.0	53.8	43.2	39.5	1.1	1.4
10:00	247.9	239.8	237.4	234.9	70.7	44.8	30.2	1.7	2.3
11:00	196.7	201.8	185.5	196.2	49.3	46.7	43.5	2.1	2.4
12:00	243.1	246.6	240.6	241.3	66.2	67.1	59.8	.2	.9
13:00	239.5	236.2	231.2	232.2	34.3	28.8	24.5	4.2	5.9
14:00	264.1	262.3	255.7	257.5	21.8	15.6	13.8	5.9	8.4
15:00	243.8	246.8	232.6	242.3	20.5	14.9	12.4	6.2	8.7
16:00	230.1	231.3	215.1	226.4	28.0	24.7	18.9	3.7	4.6
17:00	220.3	218.0	207.6	213.6	33.1	23.4	20.3	2.7	4.0
18:00	231.8	227.9	226.5	223.0	30.5	24.9	22.8	2.6	3.7
19:00	277.8	277.9	268.2	271.9	31.1	21.4	15.4	3.4	5.1
20:00	234.3	225.5	231.9	221.5	32.9	18.3	13.2	1.8	3.5
21:00	231.5	224.6	240.4	221.0	58.6	12.4	5.9	1.2	3.1
22:00	229.0	209.4	244.7	205.4	25.7	14.3	11.8	2.1	3.6
23:00	232.7	218.9	235.2	215.5	25.1	11.1	8.8	2.5	4.6
Avg	245.0	226.0	231.0	224.0	37.9	28.8	24.7	.0	.0
Max	289.7	325.1	268.2	295.5	70.7	67.1	59.8	6.2	8.7
Hr. of Max	02	01	19	01	10	12	12	15	15
Min	16.9	89.4	106.7	71.7	20.5	11.1	5.9	.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)

6/15/2017

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	1.1	.4	.6	1.2	1.0	1.3	1.5	-1.6	.02
01:00	.8	.8	.8	.9	1.2	1.2	1.5	1.0	.03
02:00	1.3	.4	.8	1.4	.9	1.6	2.3	-.1	.02
03:00	1.0	.8	1.3	1.3	1.2	1.6	.0	-.6	.01
04:00	.6	.5	.3	.6	1.4	.9	2.3	-.2	.05
05:00	.8	1.1	.3	.9	1.7	1.3	.5	-1.2	.00
06:00	1.1	.8	1.2	1.2	1.6	1.5	1.6	-1.3	.03
07:00	1.3	.8	1.3	1.4	1.3	1.6	4.7	-2.7	.09
08:00	1.3	1.5	1.5	1.6	2.0	1.9	1.9	-1.3	.04
09:00	1.7	1.9	2.0	2.3	2.5	2.9	1.8	.6	.09
10:00	2.6	2.5	2.8	3.0	3.0	3.6	-2.2	-7.1	-.15
11:00	2.7	2.9	3.2	3.3	3.5	3.9	-.7	-1.9	-.06
12:00	1.3	2.1	2.1	2.4	2.7	2.9	-1.4	-5.7	-.04
13:00	6.8	4.8	6.4	7.3	5.3	7.9	3.6	3.0	.09
14:00	10.3	6.3	8.7	10.6	6.8	11.2	-.8	-.4	-.34
15:00	10.4	6.6	9.1	10.8	7.4	11.4	.1	-.4	-.22
16:00	5.9	4.1	4.8	6.1	4.6	6.6	4.4	6.0	.14
17:00	5.3	3.2	4.4	5.6	3.7	6.0	4.5	1.0	.14
18:00	4.5	4.0	5.1	6.0	4.4	6.4	-.3	.7	-.16
19:00	6.6	3.8	5.4	6.8	4.1	7.0	-2.2	-1.2	-.32
20:00	4.9	2.3	3.9	5.2	2.7	5.4	-.1	-.2	-.06
21:00	5.4	1.4	3.2	5.4	1.8	5.7	-1.0	-.8	-.06
22:00	4.7	2.3	3.7	4.8	2.6	5.1	-2.0	-2.2	-.12
23:00	6.0	2.6	4.7	6.1	3.1	6.5	-1.3	-.7	-.12
Avg	.0	2.4	3.2	4.0	2.9	4.4	.8	-.7	-.04
Max	10.4	6.6	9.1	10.8	7.4	11.4	4.7	6.0	.14
Hr. of Max	15	15	15	15	15	15	07	16	17
Min	.6	.4	.3	.6	.9	.9	-2.2	-7.1	-.34
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2017

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	36_SonicTemp_015m	37_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	-.03	2.3	5.0	5.5	7.8	4.4	22.8	23.4
01:00	.02	3.9	3.9	3.4	7.6	7.4	22.5	23.0
02:00	.00	2.7	4.1	4.4	7.4	5.3	22.0	22.4
03:00	-.01	3.4	3.2	3.9	13.0	9.6	21.9	21.9
04:00	.00	2.5	2.3	2.1	7.0	12.8	21.5	21.9
05:00	-.02	3.0	1.8	2.1	6.9	7.4	21.1	21.5
06:00	-.02	3.0	3.9	3.4	6.3	6.8	20.9	21.2
07:00	-.04	2.5	5.3	4.8	17.7	11.4	21.3	21.4
08:00	-.05	4.4	4.4	4.4	23.8	23.6	23.3	22.7
09:00	.02	6.0	5.3	6.2	27.3	30.6	25.1	24.4
10:00	-.52	8.2	7.1	6.9	27.8	27.4	26.8	26.0
11:00	-.21	10.8	10.1	8.5	26.0	28.1	28.3	27.5
12:00	-.41	6.6	8.9	7.8	27.4	31.8	29.5	28.8
13:00	.06	11.9	14.2	14.9	20.7	17.3	29.7	28.9
14:00	-.24	13.7	19.0	19.9	16.0	10.4	26.8	26.1
15:00	-.19	20.8	25.9	30.2	15.8	9.3	25.0	24.2
16:00	.35	29.1	26.8	27.7	20.8	16.3	23.9	23.2
17:00	-.02	9.4	11.7	13.1	20.9	14.4	24.0	23.3
18:00	-.07	10.3	12.1	11.7	18.9	14.6	24.4	23.7
19:00	-.31	12.8	14.2	14.4	18.3	11.3	24.2	23.6
20:00	-.03	6.2	7.3	10.1	11.4	4.5	23.0	22.7
21:00	-.08	4.4	8.2	11.9	15.3	3.4	22.0	22.1
22:00	-.20	6.0	10.8	14.0	10.0	8.5	21.9	21.7
23:00	-.10	6.4	8.5	11.7	12.7	6.6	21.5	21.2
Avg	-.09	7.9	9.3	10.1	16.1	13.5	23.9	23.6
Max	.35	29.1	26.8	30.2	27.8	31.8	29.7	28.9
Hr. of Max	16	16	16	15	10	12	13	13
Min	-.52	2.3	1.8	2.1	6.3	3.4	20.9	21.2
Count	24	24	24	24	24	24	24	24
Total								