Date Printed: 06/06/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2017

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	20.7	20.8	21.0	21.2	.08	.31	.55	.23	.47
01:00	20.7	20.8	20.8	20.9	.11	.18	.27	.06	.15
02:00	20.6	20.7	20.7	20.7	.07	.07	.10	.00	.03
03:00	20.6	20.7	20.7	20.7	.02	.05	.09	.03	.07
04:00	20.7	20.7	20.6	20.6	-.05	-.10	-.11	-.05	-.06
05:00	20.7	20.7	20.6	20.6	-.05	-.12	-.11	-.07	-.07
06:00	20.7	20.7	20.7	20.7	.00	-.09	-.06	-.08	-.06
07:00	20.3	20.3	20.2	20.2	.00	-.08	-.08	-.07	-.08
08:00	19.7	19.5	19.4	19.4	-.14	-.27	-.29	-.13	-.15
09:00	20.2	19.9	19.7	19.6	-.29	-.48	-.57	-.20	-.28
10:00	21.4	21.0	20.7	20.7	-.41	-.63	-.70	-.22	-.29
11:00	22.8	22.3	22.0	21.9	-.55	-.81	-.87	-.26	-.32
12:00	22.4	22.2	22.0	22.0	-.21	-.36	-.40	-.15	-.19
13:00	22.9	22.6	22.5	22.4	-.33	-.47	-.52	-.14	-.19
14:00	22.0	21.8	21.7	21.7	-.18	-.30	-.35	-.12	-.18
15:00	21.3	21.1	21.0	21.0	-.17	-.29	-.32	-.12	-.15
16:00	21.7	21.3	21.1	21.0	-.42	-.61	-.66	-.19	-.24
17:00	22.4	21.9	21.7	21.7	-.45	-.65	-.69	-.20	-.25
18:00	22.5	22.3	22.0	22.0	-.26	-.49	-.52	-.23	-.26
19:00	21.7	21.9	21.8	21.8	.11	.06	.02	-.05	-.10
20:00	20.6	20.7	21.4	21.6	.11	.76	.95	.65	.84
21:00	20.1	20.1	20.9	21.4	.07	.87	1.32	.80	1.25
22:00	19.9	20.2	20.4	20.7	.37	.58	.81	.21	.45
23:00	19.6	20.0	20.2	20.3	.37	.56	.68	.19	.31
Avg	21.1	21.0	21.0	21.0	-.09	-.10	-.06	.00	.03
Max	22.9	22.6	22.5	22.4	.37	.87	1.32	.80	1.25
Hr. of Max	13	13	13	13	23	21	21	21	21
Min	19.6	19.5	19.4	19.4	-.55	-.81	-.87	-.26	-.32
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2017

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	20.0	20.3	20.2	21.7	98.1	99.3	17.3	17.6	0.0152
01:00	19.9	20.3	20.2	21.6	98.0	99.5	17.2	17.6	0.015164
02:00	20.0	20.3	20.2	21.6	98.2	99.6	17.2	17.6	0.015195
03:00	20.0	20.2	20.2	21.6	98.4	99.6	17.3	17.5	0.015234
04:00	20.1	20.2	20.3	21.5	98.6	99.5	17.4	17.5	0.015352
05:00	20.2	20.2	20.4	21.5	98.9	99.4	17.5	17.5	0.015414
06:00	20.2	20.2	20.4	21.5	99.1	99.2	17.5	17.5	0.015461
07:00	19.8	19.8	19.9	21.4	99.1	99.2	17.1	17.1	0.015021
08:00	19.1	19.0	19.3	21.4	99.1	99.2	16.4	16.3	0.014429
09:00	19.7	19.4	19.8	21.4	99.2	99.2	17.0	16.7	0.014923
10:00	20.9	20.0	21.0	21.3	99.5	96.6	18.2	17.3	0.016111
11:00	22.3	20.4	22.4	21.4	99.5	91.4	19.7	17.6	0.017616
12:00	21.8	21.3	22.0	21.4	99.1	97.5	19.2	18.6	0.017082
13:00	22.3	21.8	22.5	21.6	99.3	98.2	19.8	19.2	0.017703
14:00	21.4	21.3	21.6	21.8	99.1	99.2	18.8	18.6	0.016711
15:00	20.8	20.2	20.9	21.9	99.2	97.0	18.1	17.5	0.016023
16:00	21.2	20.0	21.3	22.0	99.3	94.8	18.5	17.3	0.016442
17:00	21.8	18.7	22.0	22.0	99.2	84.1	19.2	15.9	0.017102
18:00	21.9	18.8	22.1	22.0	99.0	82.7	19.3	16.0	0.017228
19:00	21.1	19.4	21.3	22.1	98.9	87.9	18.5	16.6	0.01642
20:00	20.0	20.0	20.2	22.1	98.8	98.0	17.3	17.3	0.015318
21:00	19.5	19.6	19.7	22.1	98.7	99.2	16.8	16.9	0.014766
22:00	19.3	19.7	19.5	22.0	98.6	99.3	16.6	17.0	0.014552
23:00	19.0	19.5	19.2	22.0	98.5	99.4	16.3	16.8	0.014331
Avg	20.5	20.0	20.7	21.7	98.9	96.6	17.8	17.3	0.015783
Max	22.3	21.8	22.5	22.1	99.5	99.6	19.8	19.2	0.017703
Hr. of Max	13	13	13	21	11	03	13	13	13
Min	19.0	18.7	19.2	21.3	98.0	82.7	16.3	15.9	0.014331
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2017

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	0.01547	23.4	23.8	.01	28.99	981.7	-2.6	.00	203.1
01:00	0.0155	23.4	23.9	.08	28.98	981.4	-2.6	.00	225.9
02:00	0.01548	23.4	23.8	.01	28.95	980.6	-3.0	.00	217.0
03:00	0.015443	23.4	23.7	.00	28.93	979.7	-3.0	.00	197.1
04:00	0.015446	23.6	23.7	.00	28.92	979.2	-2.5	.00	186.6
05:00	0.015451	23.7	23.7	.00	28.91	979.2	-2.6	.00	190.1
06:00	0.015468	23.7	23.8	.01	28.91	979.1	-1.0	.00	201.3
07:00	0.015031	23.1	23.1	.35	28.92	979.5	7.7	.01	238.7
08:00	0.014319	22.2	22.0	.10	28.93	979.7	84.0	.12	219.2
09:00	0.014655	23.0	22.6	.01	28.93	979.9	211.7	.30	207.3
10:00	0.015247	24.7	23.4	.00	28.93	979.7	339.5	.49	214.8
11:00	0.01562	27.0	24.0	.00	28.92	979.2	472.4	.68	224.6
12:00	0.016581	26.2	25.4	.25	28.90	978.9	181.2	.26	221.7
13:00	0.017154	27.1	26.3	.11	28.89	978.4	303.5	.44	216.7
14:00	0.016543	25.6	25.3	.20	28.89	978.5	115.7	.17	232.1
15:00	0.015507	24.6	23.8	.08	28.89	978.3	187.6	.27	265.9
16:00	0.015294	25.2	23.5	.01	28.87	977.8	317.7	.46	223.2
17:00	0.014094	26.2	21.7	.00	28.87	977.8	358.8	.51	236.8
18:00	0.014166	26.4	21.8	.00	28.88	978.0	214.2	.31	206.6
19:00	0.014682	25.2	22.6	.00	28.88	978.0	68.0	.10	182.3
20:00	0.015291	23.5	23.5	.00	28.88	978.1	6.9	.01	12.8
21:00	0.014902	22.7	22.9	.00	28.89	978.4	-2.4	.00	20.5
22:00	0.014985	22.4	23.0	.00	28.92	979.3	-2.4	.00	101.6
23:00	0.014788	22.1	22.7	.00	28.92	979.5	-2.9	.00	329.8
Avg	0.015297	24.2	23.5	.05	28.91	979.2	118.5	.17	217.0
Max	0.017154	27.1	26.3	.35	28.99	981.7	472.4	.68	329.8
Hr. of Max	13	13	13	07	00	00	11	11	23
Min	0.014094	22.1	21.7	.00	28.87	977.8	-3.0	.00	12.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2017

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	245.7	249.4	221.2	244.3	15.0	10.1	5.8	1.2	1.9
01:00	228.2	221.8	239.1	217.8	16.9	10.6	7.4	1.1	2.3
02:00	248.8	235.2	241.4	231.0	50.6	9.6	6.7	.6	2.2
03:00	238.4	228.7	222.9	224.6	26.6	9.5	9.6	.9	2.0
04:00	221.0	208.7	222.3	205.0	32.2	13.0	10.3	.5	1.7
05:00	212.5	194.2	227.3	190.3	34.9	25.2	13.7	.3	1.5
06:00	213.4	207.1	210.0	202.9	22.4	16.4	11.0	2.8	4.9
07:00	244.7	241.6	240.1	237.2	26.2	19.1	15.5	4.2	6.8
08:00	231.8	234.6	223.7	230.6	28.9	18.9	14.8	3.3	5.3
09:00	220.2	220.2	211.7	216.1	26.6	16.0	11.8	2.8	4.3
10:00	228.9	228.9	218.4	225.3	24.0	14.4	11.6	3.4	4.6
11:00	229.5	226.2	227.9	222.2	28.2	17.3	14.8	3.5	4.9
12:00	230.8	228.2	225.4	224.5	22.7	15.3	11.5	3.9	5.8
13:00	224.4	222.8	218.4	219.4	20.4	14.7	11.5	4.3	6.1
14:00	240.0	238.6	232.8	235.8	25.1	18.1	15.3	3.9	5.6
15:00	276.0	281.4	264.1	274.9	49.1	32.8	28.8	2.5	3.9
16:00	242.2	239.7	230.6	235.2	34.2	24.6	19.9	1.8	2.6
17:00	252.8	256.7	243.8	250.5	39.3	28.0	27.7	1.8	2.1
18:00	225.3	222.3	217.7	217.8	26.9	14.5	11.5	2.1	2.7
19:00	193.0	175.4	214.8	169.9	56.5	22.3	18.1	1.2	2.1
20:00	283.6	60.5	304.5	108.6	49.6	46.1	29.2	.4	.4
21:00	348.4	335.2	284.5	321.8	42.0	36.6	36.9	.2	.8
22:00	178.8	161.1	213.2	106.7	49.3	45.4	23.1	.2	.1
23:00	239.4	200.4	273.1	197.5	45.7	13.1	18.0	.6	1.3
Avg	235.0	226.0	233.0	220.0	33.1	20.5	16.0	.0	.0
Max	348.4	335.2	304.5	321.8	56.5	46.1	36.9	4.3	6.8
Hr. of Max	21	21	20	21	19	20	21	13	07
Min	178.8	60.5	210.0	106.7	15.0	9.5	5.8	.2	.1
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)

6/5/2017

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	3.5	1.2	1.9	3.5	1.8	3.7	1.1	-.9	.03
01:00	3.8	1.2	2.4	3.8	1.7	4.1	-1.2	-.7	-.05
02:00	3.6	.7	2.3	3.7	1.4	3.9	.4	-.8	-.01
03:00	3.0	1.0	2.1	3.1	1.6	3.4	.4	-1.4	-.01
04:00	2.4	.7	2.0	2.6	1.5	2.8	-.3	-2.2	-.02
05:00	2.1	.5	1.7	3.1	1.2	3.3	1.3	1.2	.01
06:00	6.8	3.0	5.1	7.0	3.6	7.3	.5	-1.0	-.07
07:00	8.5	4.8	7.6	9.5	5.4	9.9	.5	-1.1	-.19
08:00	7.0	3.6	5.6	7.3	4.1	7.6	.5	-.6	-.09
09:00	5.5	3.0	4.5	5.6	3.7	5.9	2.4	-1.4	.06
10:00	5.5	3.6	4.8	5.6	4.1	6.0	-.2	-2.2	-.17
11:00	5.8	3.9	5.1	6.0	4.4	6.5	2.1	-3.9	-.03
12:00	7.0	4.2	5.9	7.1	4.5	7.5	-1.0	-1.1	-.20
13:00	7.4	4.6	6.3	7.6	5.1	8.3	-1.0	-.1	-.20
14:00	6.9	4.5	6.2	7.7	4.9	8.5	-.7	-1.0	-.19
15:00	4.9	3.2	4.5	5.5	3.5	5.9	-5.3	-2.5	-.43
16:00	3.1	2.0	2.8	3.3	2.4	3.6	-1.8	.5	-.15
17:00	2.2	2.2	2.4	2.5	2.6	2.8	-.5	-3.2	-.06
18:00	3.0	2.3	3.0	3.2	2.8	3.5	-.6	-4.9	-.05
19:00	2.7	1.5	2.3	2.8	2.0	3.0	5.7	-3.8	.10
20:00	.0	.7	.7	.2	1.3	.6	1.7	2.0	.02
21:00	1.5	.4	1.0	1.6	1.0	1.7	.6	1.4	.00
22:00	.2	.4	.6	.5	.8	.8	1.5	2.1	.02
23:00	1.5	.7	1.4	1.6	1.2	1.9	-.7	-.9	-.03
Avg	.0	2.2	3.4	4.4	2.8	4.7	.2	-1.1	-.07
Max	8.5	4.8	7.6	9.5	5.4	9.9	5.7	2.1	.10
Hr. of Max	07	07	07	07	07	07	19	22	19
Min	.0	.4	.6	.2	.8	.6	-5.3	-4.9	-.43
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)

6/5/2017

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	-.06	2.5	4.1	6.6	4.8	3.3	22.3	22.5
01:00	-.06	3.7	6.0	8.2	5.7	3.2	22.3	22.2
02:00	-.06	3.7	4.6	7.8	10.4	3.8	22.3	22.0
03:00	-.10	2.7	4.6	8.5	6.9	4.9	22.2	22.0
04:00	-.10	3.0	5.7	6.4	8.1	4.6	22.2	21.8
05:00	.06	3.9	4.4	7.1	14.4	8.3	22.2	21.9
06:00	-.20	8.9	12.6	15.1	16.3	8.5	22.3	21.9
07:00	-.31	12.6	18.3	24.0	17.9	8.6	21.9	21.4
08:00	-.13	8.9	14.2	16.0	16.6	7.7	21.1	20.5
09:00	-.16	9.4	8.9	10.1	18.8	10.0	21.5	20.7
10:00	-.29	9.2	9.4	9.4	16.4	9.1	22.4	21.7
11:00	-.50	9.4	11.0	10.3	19.2	12.2	23.7	23.0
12:00	-.23	10.3	15.1	17.9	14.4	7.6	23.8	23.2
13:00	.02	12.8	15.1	16.3	15.3	9.0	24.3	23.8
14:00	-.46	14.4	18.1	20.8	16.3	11.2	23.6	23.2
15:00	-.46	14.7	23.8	20.6	20.1	15.6	23.0	22.2
16:00	-.02	6.4	6.2	7.3	22.6	15.5	23.3	22.2
17:00	-.16	5.3	6.2	6.2	18.5	17.4	23.3	22.6
18:00	-.29	5.0	5.5	5.7	15.0	11.2	23.6	22.9
19:00	-.15	8.0	8.9	9.6	16.7	13.7	23.3	22.9
20:00	.02	2.3	2.5	1.1	9.4	9.3	22.2	22.7
21:00	.06	2.1	2.7	4.6	7.7	8.0	21.6	22.5
22:00	.06	2.3	3.0	6.6	10.4	11.8	21.7	21.8
23:00	-.04	2.7	3.7	3.2	9.2	9.4	21.4	21.5
Avg	-.15	6.8	8.9	10.4	13.8	9.3	22.6	22.2
Max	.06	14.7	23.8	24.0	22.6	17.4	24.3	23.8
Hr. of Max	22	15	15	07	16	17	13	13
Min	-.50	2.1	2.5	1.1	4.8	3.2	21.1	20.5
Count	24	24	24	24	24	24	24	24
Total								