Date Printed: 06/15/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/14/2017

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	21.1	21.3	21.3	21.5	.18	.22	.34	.04	.16
01:00	20.1	20.4	20.8	21.1	.26	.69	.99	.43	.73
02:00	19.5	20.1	20.4	20.7	.58	.88	1.20	.30	.62
03:00	19.0	19.6	20.0	20.3	.63	.96	1.34	.33	.71
04:00	18.6	19.5	19.7	20.0	.84	1.06	1.38	.22	.53
05:00	18.5	19.4	19.7	19.8	.84	1.15	1.23	.30	.39
06:00	18.5	19.3	19.7	19.9	.78	1.17	1.37	.40	.60
07:00	19.9	20.0	20.2	20.2	.10	.29	.26	.19	.16
08:00	22.1	21.7	21.5	21.4	-.40	-.63	-.74	-.23	-.34
09:00	23.9	23.2	23.0	22.9	-.70	-.91	-1.00	-.21	-.29
10:00	26.2	25.3	25.0	24.9	-.89	-1.17	-1.32	-.27	-.42
11:00	27.7	26.7	26.4	26.3	-.98	-1.27	-1.39	-.29	-.41
12:00	29.0	27.9	27.5	27.4	-1.11	-1.48	-1.58	-.37	-.47
13:00	29.8	28.9	28.6	28.6	-.86	-1.15	-1.23	-.28	-.37
14:00	24.7	24.5	24.7	25.0	-.16	.07	.38	.23	.54
15:00	22.5	22.5	22.5	22.6	.02	.04	.14	.03	.12
16:00	23.5	23.1	23.0	22.9	-.37	-.56	-.62	-.19	-.25
17:00	24.3	24.0	23.8	23.7	-.34	-.57	-.65	-.23	-.31
18:00	24.8	24.6	24.4	24.3	-.20	-.40	-.48	-.20	-.28
19:00	24.8	24.7	24.5	24.4	-.15	-.37	-.45	-.22	-.30
20:00	23.4	24.0	24.0	24.1	.54	.59	.66	.04	.11
21:00	22.1	22.9	23.1	23.4	.75	1.03	1.28	.28	.53
22:00	21.4	21.9	22.3	22.8	.58	.99	1.39	.41	.82
23:00	21.0	21.7	22.0	22.3	.78	1.09	1.31	.32	.53
Avg	22.8	22.8	22.8	22.9	.03	.07	.16	.04	.13
Max	29.8	28.9	28.6	28.6	.84	1.17	1.39	.43	.82
Hr. of Max	13	13	13	13	05	06	22	01	22
Min	18.5	19.3	19.7	19.8	-1.11	-1.48	-1.58	-.37	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/14/2017

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	19.6	19.8	20.1	24.1	93.5	93.6	16.9	17.1	0.014792
01:00	19.4	19.8	19.6	23.9	97.8	98.6	16.7	17.0	0.014552
02:00	18.8	19.5	19.0	23.8	98.1	98.9	16.1	16.8	0.014032
03:00	18.3	19.1	18.5	23.6	98.0	99.1	15.7	16.4	0.013614
04:00	18.0	19.0	18.2	23.5	98.0	99.1	15.3	16.3	0.013295
05:00	17.9	18.9	18.1	23.3	98.0	99.1	15.2	16.2	0.013204
06:00	17.8	18.8	18.1	23.1	98.0	99.2	15.2	16.1	0.01318
07:00	19.0	19.3	19.3	23.0	97.0	97.8	16.3	16.5	0.014224
08:00	19.3	19.0	20.2	22.9	86.3	86.9	16.5	16.2	0.014479
09:00	19.4	18.8	20.9	22.8	77.9	78.1	16.5	15.9	0.014614
10:00	19.7	18.9	21.8	22.8	69.3	69.7	16.7	16.0	0.014856
11:00	20.1	19.6	22.7	22.9	65.4	66.7	17.1	16.5	0.015333
12:00	20.3	19.6	23.2	23.1	61.4	62.6	17.3	16.6	0.015541
13:00	20.1	19.7	23.3	23.5	57.9	59.4	17.0	16.6	0.015351
14:00	20.2	19.8	21.7	23.9	80.1	78.1	17.3	16.9	0.015375
15:00	21.4	21.0	21.7	24.1	96.0	93.9	18.7	18.3	0.016515
16:00	21.3	21.3	22.1	24.1	90.0	91.8	18.6	18.6	0.016491
17:00	21.1	21.0	22.2	24.1	84.6	85.3	18.4	18.2	0.016309
18:00	21.1	20.9	22.3	24.1	82.3	82.2	18.3	18.0	0.016256
19:00	21.2	21.1	22.4	24.0	82.2	82.5	18.3	18.2	0.016347
20:00	21.7	21.5	22.3	24.0	92.6	88.8	19.0	18.8	0.016865
21:00	21.4	21.9	21.6	24.0	98.1	97.0	18.7	19.3	0.016528
22:00	20.6	21.4	20.9	23.9	98.1	99.2	17.9	18.7	0.015773
23:00	20.2	21.2	20.5	23.8	98.0	99.3	17.5	18.5	0.01537
Avg	19.9	20.0	20.9	23.6	87.4	87.8	17.1	17.2	0.015121
Max	21.7	21.9	23.3	24.1	98.1	99.3	19.0	19.3	0.016865
Hr. of Max	20	21	13	18	22	23	20	21	20
Min	17.8	18.8	18.1	22.8	57.9	59.4	15.2	15.9	0.01318
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/14/2017

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	0.014972	22.9	23.2	.00	29.16	987.4	-2.3	.00	9.5
01:00	0.014905	22.6	23.1	.00	29.13	986.6	-2.5	.00	223.6
02:00	0.014679	21.8	22.7	.00	29.13	986.3	-2.7	.00	181.9
03:00	0.014316	21.1	22.2	.00	29.11	985.9	-2.4	.00	303.1
04:00	0.014175	20.6	22.0	.00	29.11	985.8	-2.4	.00	336.1
05:00	0.01408	20.5	21.8	.00	29.13	986.5	-2.4	.00	47.9
06:00	0.014001	20.5	21.7	.00	29.15	987.2	10.5	.02	311.4
07:00	0.014423	22.1	22.4	.00	29.16	987.6	121.0	.17	80.7
08:00	0.014242	22.5	22.1	.00	29.17	987.8	355.3	.51	77.4
09:00	0.01404	22.7	21.8	.00	29.18	988.2	549.7	.79	120.5
10:00	0.014175	23.0	22.0	.00	29.17	988.0	730.4	1.05	220.7
11:00	0.014764	23.8	22.9	.00	29.17	987.7	894.4	1.28	180.6
12:00	0.01484	24.1	23.0	.00	29.15	987.2	919.4	1.32	124.0
13:00	0.01498	23.8	23.2	.00	29.13	986.4	704.9	1.01	105.6
14:00	0.014957	23.8	23.2	.17	29.12	986.3	204.6	.29	356.1
15:00	0.016153	25.5	25.0	.00	29.13	986.5	111.6	.16	57.3
16:00	0.016451	25.5	25.4	.00	29.12	986.1	244.0	.35	31.5
17:00	0.016113	25.2	24.9	.00	29.12	986.1	223.2	.32	216.1
18:00	0.016047	25.1	24.8	.00	29.10	985.4	159.9	.23	138.2
19:00	0.016238	25.2	25.1	.00	29.09	985.2	137.6	.20	96.3
20:00	0.016708	26.0	25.8	.00	29.10	985.3	27.1	.04	41.7
21:00	0.0171	25.5	26.4	.00	29.09	985.2	-1.1	.00	21.7
22:00	0.016522	24.4	25.5	.00	29.11	985.9	-2.6	.00	254.0
23:00	0.016331	23.8	25.2	.00	29.13	986.4	-2.2	.00	25.1
Avg	0.015217	23.4	23.6	.01	29.13	986.5	223.9	.32	64.0
Max	0.0171	26.0	26.4	.17	29.18	988.2	919.4	1.32	356.1
Hr. of Max	21	20	21	14	09	09	12	12	14
Min	0.014001	20.5	21.7	.00	29.09	985.2	-2.7	.00	9.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/14/2017

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	13.4	34.7	343.3	24.2	53.4	25.7	21.4	1.4	3.2
01:00	303.3	315.6	244.6	305.6	75.9	27.8	21.8	1.0	1.9
02:00	248.0	358.1	243.0	349.3	61.3	27.2	34.8	.5	1.0
03:00	236.9	215.8	269.6	210.5	37.6	14.7	23.5	.9	1.0
04:00	287.9	149.4	303.2	140.0	48.2	54.1	31.2	.2	.2
05:00	43.7	64.6	340.6	54.2	31.8	24.1	14.3	.3	1.0
06:00	356.1	48.7	288.8	13.6	53.6	33.9	23.2	.4	.5
07:00	58.3	48.6	55.7	40.9	38.0	47.5	34.2	.9	1.5
08:00	60.6	55.7	67.3	47.9	27.2	26.4	23.7	1.8	2.1
09:00	141.9	159.4	135.1	151.7	63.7	61.9	56.2	.7	.5
10:00	243.5	232.6	227.8	228.6	48.9	39.6	34.2	1.7	2.2
11:00	218.0	207.0	203.7	203.4	45.7	40.3	39.6	1.0	1.4
12:00	126.9	126.8	128.6	117.3	39.7	42.5	36.8	1.7	1.4
13:00	105.2	101.3	100.2	98.6	59.1	64.8	58.4	1.7	1.6
14:00	4.2	7.3	348.3	355.4	47.3	47.1	49.9	3.7	7.7
15:00	59.8	63.1	49.2	53.9	23.7	15.1	10.4	3.3	6.5
16:00	25.8	24.9	15.0	14.3	28.1	22.0	20.1	2.1	3.4
17:00	251.3	254.9	233.0	250.7	55.2	39.2	35.3	1.0	1.7
18:00	198.2	200.2	186.9	194.8	46.0	32.6	31.1	1.0	1.0
19:00	105.3	102.8	95.3	94.5	19.3	21.8	19.6	2.3	2.6
20:00	57.1	69.0	26.8	59.3	25.6	18.2	13.1	1.4	2.5
21:00	30.5	42.9	333.5	32.6	45.4	28.9	15.4	.9	1.9
22:00	245.1	277.3	258.9	266.7	53.8	37.1	26.8	1.4	1.9
23:00	244.7	198.3	310.7	196.5	26.6	54.0	37.6	.3	.3
Avg	13.0	77.0	314.0	60.0	44.0	35.3	29.7	.0	.0
Max	356.1	358.1	348.3	355.4	75.9	64.8	58.4	3.7	7.7
Hr. of Max	06	02	14	14	01	13	13	14	14
Min	4.2	7.3	15.0	13.6	19.3	14.7	10.4	.2	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/14/2017

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	3.7	1.8	3.7	4.2	2.1	4.4	.3	.9	-.10
01:00	2.9	1.4	2.5	3.2	1.8	3.3	2.1	3.9	.04
02:00	1.0	.7	1.3	1.6	1.3	1.8	1.5	.8	.03
03:00	1.3	1.0	1.1	1.4	1.3	1.6	-.4	-.1	-.03
04:00	.8	.6	.5	1.1	1.2	1.4	-.6	-.3	.00
05:00	1.4	.3	1.1	1.5	.9	1.7	2.1	1.5	.03
06:00	1.0	1.1	1.1	1.1	1.5	1.4	1.3	.6	-.01
07:00	2.0	1.1	1.9	2.2	1.5	2.5	.2	1.2	-.06
08:00	2.3	2.0	2.4	2.6	2.5	3.0	-3.7	8.7	-.18
09:00	.3	1.6	1.4	1.5	2.2	2.1	1.2	-5.6	.08
10:00	2.3	2.4	2.7	2.6	2.9	3.2	1.4	-3.3	.01
11:00	1.6	3.1	3.2	3.1	3.7	3.8	-3.9	-4.2	-.25
12:00	1.3	2.4	2.2	2.1	3.0	2.9	-5.2	-20.3	-.26
13:00	1.5	2.5	2.8	2.6	3.1	3.4	-2.7	-2.1	-.08
14:00	10.2	6.0	10.0	12.7	6.6	13.3	-3.3	-1.6	-.67
15:00	8.7	3.6	6.8	8.9	3.9	9.3	-2.2	.6	-.32
16:00	4.1	2.5	3.9	4.7	2.7	5.0	-3.5	-.2	-.35
17:00	2.1	1.9	2.7	3.2	2.3	3.5	1.2	-3.6	-.03
18:00	1.2	1.6	1.8	2.0	2.2	2.3	.9	-7.4	.05
19:00	2.6	2.4	2.7	2.8	2.8	3.2	5.4	7.3	.21
20:00	3.2	1.8	3.0	3.6	2.1	3.9	-.9	2.0	-.05
21:00	2.5	1.3	2.4	3.0	1.7	3.2	.4	-.2	-.04
22:00	1.0	1.7	2.4	1.5	2.0	1.7	-1.2	2.0	-.04
23:00	.8	.7	.7	1.1	1.2	1.4	-.1	-.2	-.01
Avg	.0	1.9	2.7	3.1	2.4	3.5	-.4	-.8	-.08
Max	10.2	6.0	10.0	12.7	6.6	13.3	5.4	8.7	.21
Hr. of Max	14	14	14	14	14	14	19	08	19
Min	.3	.3	.5	1.1	.9	1.4	-5.2	-20.3	-.67
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/14/2017

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	.04	6.0	7.8	7.8	18.0	8.2	22.8	22.6
01:00	.26	4.6	5.5	6.6	13.0	10.5	21.8	22.3
02:00	.00	3.2	5.3	11.0	9.6	12.3	21.5	21.8
03:00	.01	3.9	3.0	3.0	7.7	5.4	21.0	21.5
04:00	.02	2.3	2.1	2.7	6.9	6.2	20.8	21.1
05:00	.06	4.4	2.5	3.0	7.0	6.3	20.6	20.9
06:00	.00	3.7	3.4	3.4	9.7	6.0	20.5	21.0
07:00	.01	4.1	4.8	4.8	17.8	14.0	21.4	21.3
08:00	.47	5.5	5.7	6.2	25.1	23.7	23.2	22.6
09:00	-.24	5.0	7.1	8.5	28.0	36.2	24.7	24.1
10:00	-.31	6.0	7.3	6.9	27.4	31.7	26.5	25.8
11:00	-.32	7.8	7.6	7.3	23.6	27.5	28.0	27.3
12:00	-1.18	8.9	7.8	9.8	29.0	32.0	29.3	28.6
13:00	-.03	10.8	9.4	9.2	29.1	35.4	30.4	29.7
14:00	-.20	18.8	22.2	24.7	18.6	15.3	25.8	26.0
15:00	.03	10.5	14.7	18.3	18.4	7.2	24.1	23.8
16:00	-.09	9.8	12.1	16.5	24.2	12.3	24.8	24.2
17:00	-.23	6.0	10.5	10.5	21.7	17.3	25.6	24.9
18:00	-.22	5.5	6.0	5.7	18.1	15.2	26.1	25.5
19:00	.37	7.3	7.8	7.3	17.0	19.1	26.4	25.7
20:00	.11	8.0	8.9	10.5	17.0	10.3	25.6	25.4
21:00	.00	3.0	6.9	10.5	11.6	6.3	24.5	24.8
22:00	.05	3.9	6.2	6.9	7.6	11.0	23.6	24.2
23:00	.01	2.3	3.0	2.7	8.2	8.6	23.3	23.7
Avg	-.06	6.3	7.4	8.5	17.3	15.8	24.3	24.1
Max	.47	18.8	22.2	24.7	29.1	36.2	30.4	29.7
Hr. of Max	08	14	14	14	13	09	13	13
Min	-1.18	2.3	2.1	2.7	6.9	5.4	20.5	20.9
Count	24	24	24	24	24	24	24	24
Total								