Date Printed: 06/12/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2017

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	18.2	19.9	20.6	22.6	1.75	2.43	4.46	.68	2.71
01:00	17.6	19.6	21.3	22.5	2.03	3.75	4.88	1.72	2.85
02:00	17.2	19.1	21.5	21.9	1.93	4.32	4.73	2.39	2.80
03:00	16.7	18.7	19.7	21.0	1.99	3.02	4.31	1.03	2.32
04:00	16.1	17.9	18.4	19.4	1.76	2.29	3.25	.53	1.48
05:00	15.6	17.3	17.8	18.8	1.70	2.19	3.23	.49	1.53
06:00	15.5	17.0	17.3	18.0	1.56	1.86	2.53	.30	.97
07:00	17.0	17.6	17.8	17.9	.59	.79	.88	.19	.29
08:00	20.6	20.3	20.0	19.9	-.27	-.55	-.67	-.28	-.40
09:00	23.7	23.2	22.9	22.7	-.49	-.81	-.91	-.32	-.43
10:00	25.6	24.9	24.5	24.4	-.69	-1.04	-1.20	-.35	-.51
11:00	27.1	26.1	25.8	25.6	-.94	-1.29	-1.46	-.35	-.52
12:00	27.9	26.9	26.6	26.5	-.97	-1.30	-1.43	-.32	-.45
13:00	28.4	27.5	27.2	27.1	-.86	-1.17	-1.27	-.31	-.41
14:00	29.4	28.3	28.0	27.9	-1.10	-1.42	-1.54	-.32	-.44
15:00	29.2	28.6	28.2	28.1	-.61	-.95	-1.10	-.34	-.48
16:00	28.9	28.2	27.9	27.8	-.71	-.99	-1.11	-.28	-.40
17:00	29.6	28.9	28.6	28.4	-.76	-1.08	-1.23	-.32	-.48
18:00	29.8	29.4	29.1	28.9	-.47	-.79	-.97	-.32	-.49
19:00	27.9	28.7	28.7	28.6	.78	.83	.73	.05	-.05
20:00	25.0	26.9	27.3	27.4	1.87	2.26	2.39	.39	.52
21:00	23.1	25.3	25.7	26.3	2.22	2.63	3.24	.41	1.02
22:00	21.7	23.4	24.3	25.4	1.67	2.59	3.71	.92	2.04
23:00	21.3	22.8	23.5	24.7	1.50	2.20	3.31	.70	1.81
Avg	23.0	23.6	23.9	24.2	.56	.82	1.20	.26	.64
Max	29.8	29.4	29.1	28.9	2.22	4.32	4.88	2.39	2.85
Hr. of Max	18	18	18	18	21	02	01	02	01
Min	15.5	17.0	17.3	17.9	-1.10	-1.42	-1.54	-.35	-.52
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2017

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	16.6	17.4	17.1	21.9	92.5	87.4	14.1	14.8	0.012164
01:00	16.5	17.1	16.8	21.8	94.9	87.2	14.0	14.5	0.012023
02:00	16.2	16.6	16.6	21.7	95.9	86.9	13.8	14.0	0.01185
03:00	15.9	16.4	16.2	21.5	96.9	88.5	13.6	13.9	0.011617
04:00	15.5	16.6	15.7	21.4	97.7	93.9	13.2	14.1	0.011274
05:00	15.0	16.6	15.2	21.3	98.0	97.7	12.8	14.2	0.010942
06:00	14.9	16.4	15.1	21.1	98.0	98.2	12.7	14.0	0.010826
07:00	16.0	15.9	16.3	21.0	95.8	91.7	13.6	13.5	0.011671
08:00	16.8	15.9	18.1	20.8	81.0	77.5	14.2	13.4	0.012309
09:00	16.1	15.0	18.6	20.8	64.3	61.6	13.5	12.6	0.011785
10:00	16.4	15.5	19.5	20.8	58.3	57.3	13.6	12.9	0.012007
11:00	16.6	15.7	20.1	20.9	54.1	54.1	13.8	13.1	0.012177
12:00	16.7	15.9	20.4	21.2	51.8	52.1	13.8	13.2	0.012255
13:00	16.4	15.7	20.4	21.5	49.6	49.8	13.5	13.0	0.012045
14:00	16.5	15.7	20.8	21.8	47.1	47.6	13.6	13.0	0.012173
15:00	16.6	16.1	20.8	22.1	48.0	48.1	13.7	13.3	0.012218
16:00	17.9	17.3	21.6	22.3	52.8	53.0	14.8	14.3	0.013277
17:00	17.5	16.8	21.5	22.5	49.5	49.4	14.5	13.9	0.012973
18:00	17.3	16.7	21.5	22.6	48.2	47.6	14.3	13.7	0.012803
19:00	18.1	16.9	21.4	22.8	57.3	50.3	15.1	13.9	0.013478
20:00	18.8	18.6	20.9	22.9	70.3	62.0	15.9	15.6	0.014062
21:00	19.0	19.2	20.3	22.9	79.7	71.0	16.1	16.3	0.014166
22:00	18.9	19.3	19.9	22.8	86.2	79.6	16.1	16.4	0.014121
23:00	19.0	19.0	19.8	22.8	88.4	81.1	16.2	16.2	0.014136
Avg	16.9	16.8	18.9	21.8	73.2	69.7	14.2	14.1	0.012431
Max	19.0	19.3	21.6	22.9	98.0	98.2	16.2	16.4	0.014166
Hr. of Max	23	22	16	21	06	06	23	22	21
Min	14.9	15.0	15.1	20.8	47.1	47.6	12.7	12.6	0.010826
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2017

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	0.012831	19.0	20.0	.00	29.22	989.4	-2.5	.00	69.0
01:00	0.012552	18.8	19.6	.00	29.22	989.4	-2.4	.00	111.3
02:00	0.012117	18.5	18.9	.00	29.21	989.3	-2.6	.00	248.6
03:00	0.012025	18.1	18.8	.00	29.21	989.3	-2.8	.00	138.9
04:00	0.012117	17.6	18.9	.00	29.22	989.4	-2.9	.00	80.6
05:00	0.012155	17.1	19.0	.00	29.23	989.8	-3.0	.00	69.4
06:00	0.011985	16.9	18.7	.00	29.25	990.5	8.3	.01	79.2
07:00	0.011591	18.3	18.1	.00	29.27	991.1	115.1	.17	89.2
08:00	0.011577	19.2	18.1	.00	29.29	991.9	365.6	.52	120.1
09:00	0.010974	18.5	17.2	.00	29.31	992.6	580.3	.83	136.8
10:00	0.011318	18.8	17.7	.00	29.31	992.7	757.9	1.09	158.1
11:00	0.011515	19.1	18.0	.00	29.30	992.4	877.2	1.26	194.5
12:00	0.011641	19.2	18.2	.00	29.30	992.1	891.6	1.28	167.2
13:00	0.01152	18.8	18.0	.00	29.28	991.6	732.4	1.05	170.9
14:00	0.011545	19.0	18.1	.00	29.26	991.0	896.7	1.29	205.4
15:00	0.011824	19.1	18.5	.00	29.25	990.6	604.0	.87	188.7
16:00	0.012778	20.7	19.9	.00	29.24	990.3	445.4	.64	251.3
17:00	0.012379	20.2	19.3	.00	29.22	989.6	469.4	.67	189.8
18:00	0.012295	19.9	19.2	.00	29.21	989.1	362.5	.52	200.7
19:00	0.012464	21.0	19.4	.00	29.20	988.9	183.2	.26	169.1
20:00	0.013858	21.9	21.6	.00	29.20	988.9	18.7	.03	33.7
21:00	0.014431	22.0	22.4	.00	29.20	989.0	-2.3	.00	53.4
22:00	0.014429	22.0	22.4	.00	29.21	989.4	-2.4	.00	254.7
23:00	0.014221	22.0	22.1	.00	29.23	989.8	-2.7	.00	109.0
Avg	0.012339	19.4	19.3	.00	29.24	990.3	303.5	.44	144.0
Max	0.014431	22.0	22.4	.00	29.31	992.7	896.7	1.29	254.7
Hr. of Max	21	23	22	23	10	10	14	14	22
Min	0.010974	16.9	17.2	.00	29.20	988.9	-3.0	.00	33.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2017

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	37.3	185.6	309.1	180.8	8.7	27.6	18.0	.0	.8
01:00	267.1	202.5	269.8	197.7	49.4	24.6	12.5	.4	1.4
02:00	258.8	225.2	250.8	221.1	41.1	11.2	9.7	.6	2.9
03:00	308.7	267.3	225.9	246.2	17.0	34.1	17.7	.1	.1
04:00	113.8	166.9	280.5	203.1	20.9	36.9	24.9	.1	.0
05:00	64.9	85.1	12.1	65.5	18.9	22.1	38.4	.2	.9
06:00	69.8	61.9	42.4	52.3	11.5	12.1	10.0	.4	1.6
07:00	65.2	53.8	82.0	44.5	14.7	22.6	10.4	.5	1.0
08:00	119.1	78.0	153.0	68.7	16.6	59.3	32.5	.4	.4
09:00	137.1	143.2	147.0	136.4	34.3	38.9	30.0	1.5	1.8
10:00	174.0	169.5	168.0	163.7	46.0	37.5	29.7	2.2	2.8
11:00	212.7	210.9	198.6	206.9	50.1	46.9	41.8	2.5	3.1
12:00	178.9	178.7	170.4	172.8	50.0	40.8	38.9	2.6	3.2
13:00	180.3	181.7	176.4	176.4	41.8	37.2	35.7	2.8	3.1
14:00	218.9	213.9	207.5	209.4	37.8	33.3	33.1	3.0	3.8
15:00	205.7	207.4	190.2	204.4	25.3	22.1	18.6	4.1	5.3
16:00	256.3	249.7	248.6	245.2	32.0	24.4	17.9	2.6	3.7
17:00	208.6	207.1	200.0	202.8	50.1	52.4	44.1	1.7	2.1
18:00	222.5	222.1	214.7	217.1	54.2	37.8	32.2	2.3	2.8
19:00	196.5	193.8	255.9	189.7	42.5	37.5	26.5	.7	1.2
20:00	55.7	80.9	349.3	72.1	25.9	14.7	22.7	.8	2.0
21:00	68.1	94.7	31.7	86.1	19.6	8.0	10.8	1.1	2.3
22:00	30.2	198.6	263.4	197.3	27.6	54.1	25.4	1.0	.4
23:00	32.6	204.7	278.9	200.4	24.0	27.8	11.9	.1	.3
Avg	158.0	180.0	225.0	179.0	31.7	31.8	24.7	.0	.0
Max	308.7	267.3	349.3	246.2	54.2	59.3	44.1	4.1	5.3
Hr. of Max	03	03	20	03	18	08	17	15	15
Min	30.2	53.8	12.1	44.5	8.7	8.0	9.7	.0	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2017

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	1.9	.0	.8	2.1	.4	2.3	.2	-.9	.00
01:00	4.0	.4	1.5	4.1	1.0	4.3	1.8	-1.9	.05
02:00	3.9	.7	3.0	4.1	1.1	4.4	.7	-.4	.01
03:00	1.4	.1	.2	1.4	.5	1.7	2.0	-.4	.03
04:00	.1	.1	.0	.1	.5	.4	-.2	-2.2	.00
05:00	.3	.2	.9	.3	.6	.7	1.1	.2	.01
06:00	2.5	.4	1.7	2.6	.8	2.8	2.2	1.8	.04
07:00	2.5	.5	1.0	2.5	.9	2.7	-.8	1.3	-.01
08:00	.7	.5	.4	.8	1.1	1.3	8.5	-6.6	.25
09:00	2.1	1.8	2.2	2.4	2.4	2.9	.3	-5.8	-.01
10:00	3.2	2.6	3.2	3.5	3.3	3.9	-.9	-.8	-.05
11:00	3.8	3.6	4.1	4.6	4.3	5.2	-1.1	2.1	-.16
12:00	3.8	3.9	4.2	4.7	4.7	5.3	2.9	2.7	.13
13:00	3.3	3.8	4.1	4.2	4.4	4.7	-1.0	-2.3	-.15
14:00	4.6	3.8	4.4	5.2	4.5	5.9	2.2	5.6	.05
15:00	6.3	4.5	5.6	6.6	5.0	7.1	3.1	.3	.07
16:00	4.7	3.3	4.2	5.2	3.9	5.6	-1.8	-1.3	-.16
17:00	2.5	2.7	3.1	3.4	3.3	4.0	3.1	3.8	.11
18:00	3.2	2.9	3.6	4.0	3.5	4.4	3.1	.5	.09
19:00	2.1	1.2	1.6	2.5	1.8	2.7	1.4	1.7	-.02
20:00	2.0	.9	2.0	2.2	1.3	2.4	-.5	1.9	-.02
21:00	2.3	1.2	2.4	2.4	1.4	2.6	1.0	.9	.01
22:00	.6	1.1	.5	1.7	1.5	1.9	.0	-.3	.00
23:00	2.6	.2	.4	2.7	.7	2.9	1.3	-.8	.02
Avg	.0	1.7	2.3	3.1	2.2	3.4	1.2	.0	.01
Max	6.3	4.5	5.6	6.6	5.0	7.1	8.5	5.6	.25
Hr. of Max	15	15	15	15	15	15	08	14	08
Min	.1	.0	.0	.1	.4	.4	-1.8	-6.6	-.16
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2017

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	.7	2.1	5.3	9.2	10.3	21.0	23.6
01:00	-.17	4.4	5.5	8.7	13.5	8.3	20.7	23.3
02:00	-.04	4.8	4.8	11.7	11.6	5.8	20.0	22.7
03:00	-.02	1.8	2.5	8.5	7.3	11.7	19.7	21.9
04:00	-.02	1.1	.7	1.1	7.4	9.5	18.9	20.3
05:00	.01	1.8	2.3	1.8	9.5	19.0	18.3	19.8
06:00	.11	2.5	3.0	3.9	9.4	5.8	18.0	18.9
07:00	.05	2.1	2.7	5.3	16.3	9.5	18.8	18.7
08:00	-.10	3.7	3.4	3.0	32.1	26.7	21.7	20.9
09:00	-.32	5.5	6.4	7.1	27.3	27.1	24.2	23.5
10:00	-.08	8.2	8.5	12.4	24.4	24.0	25.7	24.9
11:00	-.01	9.4	9.8	10.8	22.0	24.8	26.9	26.1
12:00	.20	9.4	11.4	11.0	21.1	24.3	27.8	27.0
13:00	-.19	9.8	10.1	10.3	19.3	24.2	28.3	27.5
14:00	.38	10.5	11.4	12.8	20.6	22.1	29.0	28.2
15:00	-.14	12.6	11.4	11.9	19.6	16.5	29.3	28.5
16:00	-.31	11.9	12.1	14.0	17.6	17.6	29.2	28.4
17:00	.16	8.9	7.6	8.7	23.7	27.5	29.8	29.0
18:00	-.09	8.2	10.5	13.5	24.9	22.3	30.2	29.4
19:00	.02	6.9	6.6	6.4	16.5	12.9	29.7	29.2
20:00	.05	3.7	6.0	6.9	10.7	13.5	28.0	28.3
21:00	.06	2.7	3.9	5.3	9.6	6.8	26.5	27.3
22:00	-.03	3.0	4.4	5.3	6.2	14.9	24.6	26.5
23:00	-.04	1.6	1.8	6.2	6.6	5.8	24.1	25.7
Avg	-.02	5.6	6.2	8.0	16.1	16.3	24.6	25.0
Max	.38	12.6	12.1	14.0	32.1	27.5	30.2	29.4
Hr. of Max	14	15	16	16	08	17	18	18
Min	-.32	.7	.7	1.1	6.2	5.8	18.0	18.7
Count	24	24	24	24	24	24	24	24
Total								