Date Printed: 07/04/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

7/3/2017

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	20.9	21.8	22.1	22.6	.92	1.27	1.73	.35	.81
01:00	20.5	21.4	21.6	22.1	.88	1.12	1.57	.24	.68
02:00	20.4	21.1	21.3	21.6	.76	.91	1.28	.15	.52
03:00	20.6	21.0	21.2	21.5	.37	.56	.91	.19	.54
04:00	20.1	20.9	21.1	21.5	.81	1.05	1.40	.25	.60
05:00	20.0	20.8	20.9	21.1	.80	.86	1.09	.07	.29
06:00	20.1	20.6	20.8	20.9	.44	.64	.77	.20	.33
07:00	20.8	20.7	20.7	20.7	-.08	-.09	-.01	-.02	.06
08:00	21.6	21.3	21.2	21.2	-.28	-.40	-.38	-.12	-.10
09:00	22.9	22.3	22.0	22.0	-.59	-.90	-.90	-.31	-.31
10:00	24.6	23.9	23.6	23.5	-.73	-1.05	-1.14	-.32	-.41
11:00	26.7	25.6	25.3	25.2	-1.10	-1.38	-1.50	-.28	-.39
12:00	27.8	27.0	26.7	26.6	-.80	-1.08	-1.22	-.28	-.42
13:00	28.7	27.6	27.3	27.2	-1.10	-1.40	-1.48	-.29	-.38
14:00	29.9	28.8	28.5	28.4	-1.11	-1.42	-1.51	-.32	-.40
15:00	29.2	28.2	27.9	27.8	-.94	-1.28	-1.43	-.34	-.49
16:00	28.2	27.3	27.0	26.9	-.88	-1.22	-1.33	-.34	-.45
17:00	27.1	26.6	26.4	26.3	-.47	-.68	-.76	-.21	-.28
18:00	25.4	25.0	24.9	24.9	-.37	-.52	-.50	-.14	-.13
19:00	25.5	25.6	25.4	25.4	.08	-.08	-.08	-.16	-.16
20:00	23.9	24.8	25.1	25.3	.89	1.16	1.35	.27	.46
21:00	23.1	23.4	23.5	23.7	.31	.45	.61	.15	.31
22:00	21.9	22.3	22.4	22.7	.37	.56	.79	.19	.43
23:00	21.4	21.6	22.0	22.3	.19	.56	.85	.38	.66
Avg	23.8	23.7	23.7	23.8	-.07	-.10	.00	-.03	.07
Max	29.9	28.8	28.5	28.4	.92	1.27	1.73	.38	.81
Hr. of Max	14	14	14	14	00	00	00	23	00
Min	20.0	20.6	20.7	20.7	-1.11	-1.42	-1.51	-.34	-.49
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/3/2017

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	20.1	21.2	20.4	24.0	98.0	99.3	17.4	18.6	0.015248
01:00	19.8	21.0	20.0	23.9	98.0	100.3	17.1	18.4	0.014929
02:00	19.6	20.9	19.9	23.8	98.0	101.3	16.9	18.3	0.01478
03:00	19.9	20.8	20.1	23.7	98.0	101.5	17.2	18.2	0.015036
04:00	19.4	20.7	19.6	23.6	98.0	101.5	16.7	18.1	0.01454
05:00	19.4	20.7	19.6	23.5	98.0	101.5	16.6	18.0	0.014513
06:00	19.4	20.4	19.7	23.4	98.0	101.4	16.7	17.7	0.014575
07:00	20.0	20.5	20.3	23.3	98.1	101.6	17.3	17.9	0.01516
08:00	20.9	21.2	21.1	23.2	98.1	101.5	18.2	18.5	0.015989
09:00	21.3	21.4	21.8	23.2	93.2	97.4	18.6	18.8	0.016394
10:00	20.9	20.7	22.1	23.2	81.8	84.7	18.0	17.9	0.01598
11:00	20.6	20.0	22.6	23.4	71.2	73.3	17.6	17.0	0.015717
12:00	20.8	20.3	23.1	23.7	67.6	68.7	17.8	17.3	0.01593
13:00	20.6	20.1	23.3	24.0	63.6	65.6	17.6	17.1	0.015804
14:00	20.0	19.5	23.3	24.4	57.2	59.0	16.9	16.4	0.015265
15:00	20.3	20.1	23.3	24.8	60.9	63.4	17.3	17.1	0.015557
16:00	20.5	20.3	23.0	25.0	64.8	67.6	17.4	17.3	0.015666
17:00	20.9	20.8	23.0	25.2	71.2	72.6	18.0	17.9	0.0161
18:00	21.9	21.8	23.1	25.2	83.7	85.0	19.2	19.1	0.017119
19:00	22.9	22.3	23.7	25.3	88.2	84.5	20.3	19.6	0.018159
20:00	22.9	22.5	23.3	25.3	96.9	89.8	20.5	19.9	0.018189
21:00	22.0	22.4	22.3	25.2	96.2	97.2	19.4	19.9	0.017133
22:00	21.1	21.6	21.4	25.1	98.0	99.0	18.5	19.0	0.016239
23:00	20.7	21.0	20.9	25.0	98.0	99.2	18.0	18.4	0.015782
Avg	20.7	20.9	21.7	24.2	86.4	88.2	17.9	18.2	0.015825
Max	22.9	22.5	23.7	25.3	98.1	101.6	20.5	19.9	0.018189
Hr. of Max	20	20	19	20	08	07	20	21	20
Min	19.4	19.5	19.6	23.2	57.2	59.0	16.6	16.4	0.014513
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/3/2017

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	0.016353	23.6	25.3	.00	29.18	988.3	-2.2	.00	239.9
01:00	0.016127	23.2	25.0	.00	29.19	988.4	-2.4	.00	102.0
02:00	0.016013	22.9	24.8	.00	29.18	988.2	-2.4	.00	242.9
03:00	0.015921	23.3	24.6	.00	29.16	987.6	-2.0	.00	58.0
04:00	0.015832	22.6	24.5	.00	29.15	987.3	-2.9	.00	62.4
05:00	0.015787	22.5	24.4	.00	29.16	987.4	-2.9	.00	78.8
06:00	0.015494	22.6	24.0	.00	29.17	987.8	5.0	.01	182.8
07:00	0.015628	23.5	24.2	.00	29.18	988.1	65.4	.09	198.1
08:00	0.016256	24.8	25.2	.00	29.19	988.6	148.7	.21	205.2
09:00	0.016522	25.4	25.6	.00	29.20	988.8	408.0	.58	203.5
10:00	0.015847	24.8	24.6	.00	29.19	988.6	453.0	.65	216.8
11:00	0.01515	24.4	23.5	.00	29.19	988.5	803.1	1.15	187.8
12:00	0.01544	24.7	23.9	.00	29.18	988.3	651.9	.93	199.4
13:00	0.015285	24.5	23.7	.00	29.16	987.7	892.1	1.28	218.6
14:00	0.014777	23.6	22.9	.00	29.14	987.0	966.9	1.39	216.0
15:00	0.015345	24.1	23.8	.00	29.14	986.9	683.6	.98	274.4
16:00	0.015512	24.2	24.0	.00	29.14	986.9	462.9	.66	292.0
17:00	0.015969	24.9	24.7	.00	29.14	986.9	222.6	.32	298.8
18:00	0.01701	26.4	26.3	.12	29.15	987.1	239.9	.34	252.4
19:00	0.017479	28.0	27.0	.00	29.14	987.0	279.1	.40	79.2
20:00	0.017774	28.0	27.4	.00	29.15	987.1	37.9	.05	104.5
21:00	0.017642	26.5	27.2	.00	29.15	987.3	-1.6	.00	206.1
22:00	0.016786	25.1	26.0	.00	29.16	987.5	-2.0	.00	254.0
23:00	0.016165	24.4	25.0	.00	29.15	987.3	-2.7	.00	305.7
Avg	0.016088	24.5	24.9	.01	29.16	987.7	262.5	.38	214.0
Max	0.017774	28.0	27.4	.12	29.20	988.8	966.9	1.39	305.7
Hr. of Max	20	20	20	18	09	09	14	14	23
Min	0.014777	22.5	22.9	.00	29.14	986.9	-2.9	.00	58.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/3/2017

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	261.7	237.4	268.1	233.5	44.3	11.8	20.8	.8	1.7
01:00	310.0	264.1	59.5	248.7	44.6	58.7	46.0	.3	.3
02:00	286.7	121.5	254.4	150.2	49.7	25.6	27.3	1.0	1.3
03:00	46.2	113.9	299.5	104.1	46.5	45.7	35.3	.2	.1
04:00	56.1	69.6	294.1	64.9	49.8	20.0	19.4	.2	.6
05:00	62.5	61.9	8.3	52.5	19.7	15.9	13.8	.3	1.3
06:00	213.6	83.4	245.5	85.4	48.9	51.1	30.7	.6	.4
07:00	239.0	190.8	233.1	205.1	30.8	22.1	24.7	.8	1.0
08:00	244.1	256.0	225.0	250.1	38.7	30.5	25.6	1.4	1.7
09:00	231.7	245.3	213.4	240.5	37.7	27.4	26.1	2.3	2.5
10:00	234.3	235.3	222.6	230.2	31.9	27.5	25.3	2.9	3.2
11:00	204.1	206.2	205.2	199.6	61.9	49.8	35.3	1.6	1.8
12:00	215.6	214.2	207.9	207.3	45.5	34.7	30.1	2.4	3.1
13:00	226.1	220.1	222.1	215.6	43.0	29.5	25.6	3.0	4.2
14:00	229.2	229.0	220.1	224.0	39.8	31.7	25.1	3.3	4.6
15:00	281.1	280.3	271.7	273.9	31.9	25.2	21.2	4.7	6.2
16:00	308.5	314.5	284.9	305.1	51.5	37.7	33.0	2.8	3.7
17:00	301.8	300.9	291.6	293.0	44.3	25.5	25.8	1.7	2.5
18:00	272.2	270.3	261.0	264.5	68.3	37.5	25.0	1.9	3.1
19:00	346.3	21.5	287.4	1.8	46.9	52.3	31.0	.3	.3
20:00	164.2	144.7	273.3	138.5	73.1	34.9	19.3	.3	1.3
21:00	193.7	186.3	216.0	182.0	36.6	39.0	21.4	1.6	3.2
22:00	255.1	247.0	255.1	241.7	50.2	38.5	12.6	.7	2.0
23:00	176.9	187.7	279.3	181.1	57.1	31.2	31.1	.6	.5
Avg	248.0	223.0	255.0	219.0	45.5	33.5	26.3	.0	.0
Max	346.3	314.5	299.5	305.1	73.1	58.7	46.0	4.7	6.2
Hr. of Max	19	16	03	16	20	01	01	15	15
Min	46.2	21.5	8.3	1.8	19.7	11.8	12.6	.2	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/3/2017

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	2.1	.9	1.8	2.2	1.4	2.4	.8	.1	.02
01:00	.5	.4	.7	1.0	.9	1.2	-.2	.0	-.01
02:00	1.3	1.1	1.5	1.6	1.6	2.0	.0	.4	-.02
03:00	.3	1.1	1.0	1.2	1.5	1.5	-.4	.4	-.02
04:00	.6	.3	.6	.7	.9	1.0	.6	.1	.02
05:00	2.4	.3	1.4	2.5	.7	2.7	.0	1.1	-.01
06:00	.4	.7	.4	.5	1.4	.8	1.4	1.0	.03
07:00	.5	1.0	1.1	.6	1.7	.9	-1.2	-2.5	-.04
08:00	1.8	1.6	1.9	1.9	2.1	2.3	.0	-.3	-.04
09:00	2.7	2.6	2.9	2.9	3.1	3.3	1.5	1.1	-.01
10:00	3.4	3.3	3.5	3.7	3.7	4.2	-.6	-2.9	-.10
11:00	2.1	2.2	2.2	2.4	2.8	3.1	-2.1	-8.1	-.17
12:00	3.6	3.0	3.6	4.0	3.5	4.5	.9	-.9	-.04
13:00	4.9	3.7	4.7	5.4	4.3	6.0	1.5	-2.6	-.08
14:00	5.4	4.2	5.2	5.9	4.9	6.6	.7	.8	-.05
15:00	7.6	5.7	7.2	8.7	6.2	9.0	-2.1	-2.9	-.48
16:00	4.3	3.6	4.4	4.8	4.0	5.2	-.1	5.8	-.12
17:00	2.8	2.3	3.0	3.3	2.6	3.6	-2.8	.7	-.23
18:00	4.1	2.5	3.5	4.4	3.0	4.7	-1.0	-3.2	-.04
19:00	.4	.8	1.1	1.7	1.4	2.1	3.8	1.5	.12
20:00	2.3	.7	1.6	2.5	1.2	2.8	1.5	1.1	.04
21:00	4.9	2.0	3.4	5.1	2.4	5.3	2.6	1.3	.06
22:00	3.5	1.0	2.3	3.7	1.5	3.9	1.1	.0	-.01
23:00	1.4	1.0	1.1	1.6	1.4	1.9	-.4	-1.5	-.02
Avg	.0	1.9	2.5	3.0	2.4	3.4	.2	-.4	-.05
Max	7.6	5.7	7.2	8.7	6.2	9.0	3.8	5.8	.12
Hr. of Max	15	15	15	15	15	15	19	16	19
Min	.3	.3	.4	.5	.7	.8	-2.8	-8.1	-.48
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/3/2017

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	.01	2.7	3.7	3.9	5.8	2.8	23.4	24.1
01:00	.02	2.7	3.2	3.7	9.0	9.5	22.9	23.5
02:00	.01	9.2	10.3	11.7	7.3	7.7	22.6	23.0
03:00	.02	6.0	11.4	16.7	9.3	11.0	22.5	22.9
04:00	.01	2.1	2.1	2.3	8.4	12.1	22.3	22.8
05:00	.05	2.5	3.4	4.6	9.7	4.9	22.3	22.4
06:00	.02	2.3	2.3	2.5	5.9	10.0	21.9	22.1
07:00	-.04	2.7	2.5	2.3	10.9	9.9	22.1	22.0
08:00	-.01	4.4	4.4	4.8	18.6	18.1	23.0	22.6
09:00	-.08	6.6	7.3	7.3	22.5	22.5	24.0	23.4
10:00	-.26	8.9	8.0	8.0	20.5	20.5	25.4	24.7
11:00	-.61	6.4	6.4	6.6	29.7	31.3	27.0	26.3
12:00	-.14	8.9	9.6	9.8	24.0	24.0	28.3	27.5
13:00	-.31	10.3	11.0	11.4	22.7	20.5	28.9	28.1
14:00	.06	11.7	11.7	12.6	21.2	18.4	29.9	29.1
15:00	-.72	15.3	18.8	17.4	19.2	13.6	29.5	28.6
16:00	.23	13.3	16.0	23.6	22.8	25.3	28.8	28.0
17:00	-.16	6.0	6.9	7.1	20.5	18.3	28.2	27.5
18:00	-.28	9.8	14.0	13.5	20.9	17.2	26.7	26.2
19:00	.09	3.0	4.4	4.4	26.1	20.5	27.4	26.9
20:00	.08	4.6	7.8	6.6	17.5	11.5	26.6	26.7
21:00	.09	6.4	7.8	9.6	15.9	8.2	25.1	25.1
22:00	-.02	3.9	6.6	8.0	12.9	5.7	23.9	24.0
23:00	-.05	2.7	2.5	4.1	6.8	9.8	23.2	23.6
Avg	-.08	6.4	7.6	8.4	16.2	14.7	25.2	25.0
Max	.23	15.3	18.8	23.6	29.7	31.3	29.9	29.1
Hr. of Max	16	15	15	16	11	11	14	14
Min	-.72	2.1	2.1	2.3	5.8	2.8	21.9	22.0
Count	24	24	24	24	24	24	24	24
Total								