Date Printed: 07/15/2017 09:02

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

Daily Summary Report

Site: Tower "D" (1000 Area)

7/14/2017

Interval: 001h

	01_TempC_002m	02_TempC_015m	03_TempC_035m	04_TempC_060m	14_DewPtC_002m	15_DewPtC_015m	17a_WBulbC	18_SoilTempC	19_RH_002m
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT
00:00	22.4	23.9	24.4	24.5	20.9	21.0	21.6	26.3	94.0
01:00	22.0	23.0	23.4	24.1	20.8	21.2	21.6	26.1	95.2
02:00	21.8	22.1	22.5	23.8	20.7	21.1	21.4	26.0	96.0
03:00	21.5	22.1	22.2	23.3	20.5	21.4	21.6	25.8	96.4
04:00	21.2	21.9	22.0	23.0	20.3	21.2	21.4	25.6	96.9
05:00	21.0	21.5	22.2	22.6	20.2	20.9	21.1	25.5	97.3
06:00	20.8	21.5	21.9	22.4	20.0	20.8	21.0	25.3	97.4
07:00	21.8	22.3	22.5	22.4	20.9	21.7	21.9	25.1	97.1
08:00	23.8	23.6	23.5	23.5	21.7	22.7	23.0	25.0	90.7
09:00	26.5	25.7	25.7	25.7	21.4	21.9	23.6	24.9	75.8
10:00	28.4	27.7	27.5	27.6	21.7	22.4	24.8	24.9	69.1
11:00	29.6	28.9	28.7	28.8	21.2	21.4	24.3	25.1	62.7
12:00	30.9	30.0	29.7	29.8	20.4	20.5	24.3	25.4	55.2
13:00	31.9	30.8	30.5	30.7	19.9	19.8	23.8	25.9	50.9
14:00	28.5	27.4	27.2	27.3	19.3	19.7	22.6	26.4	59.3
15:00	27.6	26.6	26.7	26.5	20.2	20.4	22.6	26.7	65.9
16:00	24.0	24.0	23.8	23.0	20.0	19.5	21.0	26.8	81.0
17:00	22.4	21.9	21.8	21.9	21.0	21.0	21.3	26.9	94.3
18:00	22.9	22.5	22.4	22.4	21.6	21.8	22.0	26.8	95.0
19:00	23.3	23.0	22.8	22.8	21.9	22.3	22.5	26.6	94.7
20:00	23.0	22.8	22.7	22.8	21.8	22.1	22.3	26.5	96.0
21:00	22.5	22.4	22.8	22.7	21.7	21.7	21.9	26.4	97.5
22:00	22.0	22.4	22.7	22.7	21.1	21.3	21.6	26.2	97.5
23:00	22.0	22.0	22.1	22.5	21.2	21.3	21.6	26.1	98.0
Avg	24.2	24.2	24.2	24.5	20.9	21.2	22.3	25.9	85.6
Max	31.9	30.8	30.5	30.7	21.9	22.7	24.8	26.9	98.0
Hr. of Max	13	13	13	13	19	08	10	17	23
Min	20.8	21.5	21.8	21.9	19.3	19.5	21.0	24.9	50.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/14/2017

Interval: 001h

	20_RH_015m	21_AbsHum_002m	22_AbsHum_015m	23_Mix Ratio_002m	24_Mix Ratio_015m	27_VaporPr_002m	28_VaporPr_015m	34_Precip_In	36_BarPres_In
Hour	PERCENT	G/M3	G/M3	COUNT	COUNT	KPa	KPa	INCHES	INHG
00:00	91.6	18.2	18.2	0.016012	0.016064	24.8	24.9	.00	29.22
01:00	95.6	18.1	18.5	0.015903	0.016314	24.7	25.3	.00	29.22
02:00	96.6	18.0	18.4	0.015763	0.016146	24.5	25.0	.00	29.21
03:00	98.3	17.7	18.7	0.015547	0.01649	24.1	25.5	.00	29.20
04:00	98.4	17.5	18.5	0.015352	0.016256	23.8	25.2	.00	29.20
05:00	98.4	17.5	18.2	0.015284	0.015958	23.7	24.7	.00	29.21
06:00	98.5	17.3	18.1	0.01511	0.015863	23.5	24.6	.00	29.23
07:00	98.5	18.2	19.0	0.015998	0.016752	24.8	26.0	.00	29.24
08:00	97.4	19.1	20.2	0.016838	0.017916	26.1	27.7	.00	29.25
09:00	77.0	18.6	19.1	0.016542	0.017094	25.7	26.5	.00	29.25
10:00	67.1	18.8	19.5	0.016867	0.017592	26.1	27.2	.00	29.24
11:00	60.8	18.2	18.3	0.016362	0.016538	25.4	25.6	.00	29.23
12:00	53.5	17.3	17.4	0.015612	0.015747	24.2	24.4	.00	29.21
13:00	50.2	16.7	16.6	0.015192	0.015033	23.6	23.3	.00	29.19
14:00	61.1	16.3	16.6	0.014574	0.014908	22.6	23.1	.00	29.20
15:00	68.7	17.1	17.4	0.015331	0.015529	23.8	24.1	.00	29.20
16:00	78.7	17.1	16.7	0.015096	0.014698	23.4	22.8	.06	29.21
17:00	96.9	18.3	18.3	0.016084	0.016098	24.9	24.9	.03	29.18
18:00	98.4	18.9	19.2	0.016743	0.016954	25.9	26.2	.01	29.15
19:00	98.4	19.3	19.7	0.017064	0.017437	26.4	26.9	.00	29.16
20:00	98.4	19.2	19.5	0.016987	0.017256	26.3	26.7	.00	29.17
21:00	98.4	19.0	19.1	0.01678	0.016824	26.0	26.0	.00	29.18
22:00	98.5	18.5	18.7	0.016227	0.016421	25.1	25.4	.00	29.20
23:00	98.5	18.5	18.7	0.016293	0.016428	25.2	25.5	.00	29.21
Avg	86.6	18.1	18.4	0.015982	0.016347	24.8	25.3	.00	29.21
Max	98.5	19.3	20.2	0.017064	0.017916	26.4	27.7	.06	29.25
Hr. of Max	23	19	08	19	08	19	08	16	09
Min	50.2	16.3	16.6	0.014574	0.014698	22.6	22.8	.00	29.15
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/14/2017

Interval: 001h

	37_BarPres_Mb	38_SolarRad_Wm2	41_WDir_035m	42_WDir_060m	46_SWDir_015m	47_SWDir_060m	51_Sigma_035m	52_Sigma_060m	53_SSigma_015m
Hour	KPa	W/M2	DEG	DEG	DEG	DEG	DEG	DEG	DEG
00:00	989.7	-1.4	226.6	243.8	252.6	239.4	7.6	9.3	15.9
01:00	989.5	-1.4	247.4	204.9	278.4	201.5	15.4	11.2	17.8
02:00	989.3	-1.5	253.6	234.1	245.9	230.0	36.2	11.3	23.3
03:00	988.9	-1.4	238.8	229.9	244.3	226.2	8.1	8.5	13.1
04:00	989.0	-1.4	244.8	228.1	240.2	224.6	7.5	5.8	11.6
05:00	989.3	-1.5	220.5	252.1	264.3	247.8	23.0	18.1	43.4
06:00	989.9	5.1	251.5	238.3	266.3	234.3	18.9	15.7	22.6
07:00	990.3	82.6	227.3	257.6	226.6	253.1	12.6	9.3	21.9
08:00	990.5	269.5	233.3	248.0	208.5	243.5	20.2	19.0	20.3
09:00	990.5	547.4	235.6	233.7	226.7	229.1	28.4	24.0	30.3
10:00	990.2	743.9	209.7	209.2	198.2	204.4	26.0	21.4	34.8
11:00	990.0	727.8	232.3	230.5	224.9	226.1	32.8	26.6	36.5
12:00	989.2	936.9	212.2	212.3	204.5	207.8	31.7	25.8	38.2
13:00	988.7	1001.3	239.7	236.7	234.3	232.1	30.8	24.9	34.5
14:00	989.0	782.7	340.8	333.7	324.1	323.3	27.9	22.5	34.4
15:00	988.7	833.4	349.4	344.0	338.9	333.8	28.9	26.0	40.2
16:00	989.2	63.4	250.1	252.1	241.1	247.9	21.1	18.0	26.3
17:00	988.3	86.8	261.4	271.4	235.0	266.3	26.5	19.8	34.2
18:00	987.2	101.8	118.2	343.9	109.1	319.2	62.1	74.9	60.4
19:00	987.5	98.2	234.0	232.7	228.2	226.5	17.8	22.2	22.7
20:00	988.0	28.8	241.0	222.0	248.4	218.0	13.6	10.8	19.0
21:00	988.2	-1.3	263.2	254.1	278.6	249.3	22.9	11.5	35.6
22:00	989.0	-1.5	215.8	212.8	231.8	197.3	40.8	52.4	47.6
23:00	989.1	-1.5	234.3	260.5	243.1	254.5	13.5	29.2	32.8
Avg	989.1	262.4	239.0	245.0	242.0	240.0	23.9	21.6	29.9
Max	990.5	1001.3	349.4	344.0	338.9	333.8	62.1	74.9	60.4
Hr. of Max	09	13	15	15	15	15	18	18	18
Min	987.2	-1.5	118.2	204.9	109.1	197.3	7.5	5.8	11.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/14/2017

Interval: 001h

	54_SSigma_060m	56_RWSpd_035m	57_RWSpd_060m	59_WSpd_035m	60_WSpd_060m	66_HSSpd_015m	67_HSSpd_060m	70_WElev_015m	71_WElev_060m
Hour	DEG	MPH	MPH	MPH	MPH	MPH	MPH	DEG	DEG
00:00	9.2	2.3	3.3	2.4	3.4	1.7	3.6	-.1	.7
01:00	12.0	1.1	2.0	1.3	2.2	1.3	2.3	1.5	-1.0
02:00	11.8	.7	2.2	1.0	2.4	1.7	2.6	.5	.0
03:00	8.4	3.1	4.0	3.2	4.1	2.7	4.3	-.2	-1.5
04:00	5.5	3.4	4.7	3.5	4.7	2.6	5.0	-.2	-.9
05:00	18.0	1.0	2.5	1.2	2.6	1.1	2.8	.9	-.4
06:00	15.8	1.2	2.4	1.5	3.0	1.3	3.1	.4	.7
07:00	9.4	1.7	2.8	1.8	2.9	1.5	3.1	1.3	-.5
08:00	18.9	2.3	2.7	2.5	3.0	2.7	3.3	2.3	-.2
09:00	23.4	3.3	3.9	4.0	4.5	3.7	5.0	-.3	-3.2
10:00	21.7	3.8	4.4	4.1	4.6	4.2	5.2	1.8	-4.3
11:00	26.6	3.9	4.6	4.5	5.2	4.2	5.7	-1.2	-4.7
12:00	25.9	5.0	5.7	5.7	6.2	5.3	6.8	1.3	.9
13:00	23.8	5.6	6.7	7.6	8.9	6.4	9.5	.6	-2.2
14:00	20.7	7.0	8.5	7.7	9.0	6.4	9.8	-4.9	-.9
15:00	22.0	6.4	7.7	7.6	8.8	6.1	9.5	-5.3	-2.3
16:00	17.7	6.9	8.4	7.3	8.8	5.8	9.3	.7	-.4
17:00	18.7	3.7	5.4	4.1	5.7	3.0	5.9	-2.4	-.7
18:00	73.7	.1	.7	1.5	1.7	1.8	2.1	.0	1.1
19:00	22.8	2.5	2.4	2.7	2.6	2.5	2.9	.4	-3.2
20:00	10.8	4.4	5.5	4.6	5.6	3.3	5.9	-1.6	-2.1
21:00	12.1	1.4	2.6	1.5	2.6	1.0	2.8	.9	-.7
22:00	51.4	.9	1.1	1.4	1.9	1.2	2.1	.1	2.1
23:00	30.3	1.9	2.2	2.0	2.3	1.2	2.5	-.1	-.5
Avg	21.3	.0	.0	3.5	4.4	3.0	4.8	-.2	-1.0
Max	73.7	7.0	8.5	7.7	9.0	6.4	9.8	2.3	2.1
Hr. of Max	18	14	14	14	14	14	14	08	22
Min	5.5	.1	.7	1.0	1.7	1.0	2.1	-5.3	-4.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/14/2017

Interval: 001h

	72_VSSpd_015m	73_VSSpd_060m	80_PkWsH_035m	81_PkWsH_060m	82_SPkWsH_015m	84_SigPhi_015m	85_SigPhi_060m	86_SonicTemp_015m	87_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	-.01	.05	6.0	8.2	3.3	6.2	2.7	24.8	26.2
01:00	.03	-.04	3.9	6.6	2.5	6.8	5.5	24.6	25.4
02:00	.01	.00	3.2	4.1	3.0	5.4	3.5	24.0	25.0
03:00	-.02	-.11	4.8	6.0	4.2	3.9	1.8	24.0	24.6
04:00	-.01	-.08	7.6	9.6	4.0	4.5	1.7	23.7	24.4
05:00	.01	-.01	6.6	10.3	3.3	8.2	5.5	23.4	24.4
06:00	.02	.05	4.1	7.6	3.4	8.2	4.5	23.4	24.2
07:00	.02	-.03	3.9	7.1	3.4	9.1	5.4	23.8	24.2
08:00	.05	-.06	6.2	6.9	6.5	17.0	15.0	25.2	24.6
09:00	-.13	-.41	8.2	9.8	8.7	20.4	18.2	27.4	26.6
10:00	.06	-.48	9.6	9.8	9.8	20.8	20.3	29.1	28.3
11:00	-.24	-.45	12.6	18.3	12.9	21.3	18.1	30.1	29.3
12:00	-.01	-.08	11.9	14.2	12.7	18.1	18.8	31.1	30.3
13:00	-.16	-.58	19.5	21.3	20.3	19.9	15.4	31.7	30.7
14:00	-.93	-.59	26.8	29.5	19.3	20.5	17.5	28.8	27.8
15:00	-.93	-.60	18.3	18.1	19.8	24.9	16.4	28.0	26.9
16:00	-.16	-.20	22.0	25.2	23.6	16.4	8.4	25.1	24.6
17:00	-.14	-.13	9.8	16.7	9.2	20.1	10.4	23.6	23.1
18:00	-.01	-.03	8.9	9.4	4.8	20.4	24.1	24.3	23.9
19:00	.00	-.13	6.9	6.4	6.7	14.0	10.2	24.7	24.2
20:00	-.15	-.23	8.5	10.8	7.3	11.8	4.9	24.6	24.4
21:00	-.01	-.03	6.4	10.1	3.2	11.2	4.7	24.3	24.6
22:00	.00	.07	4.1	8.9	3.5	9.5	15.2	23.9	24.3
23:00	-.01	.00	6.2	4.4	3.6	8.5	9.1	23.8	24.1
Avg	-.11	-.17	9.4	11.6	8.3	13.6	10.7	25.7	25.7
Max	.06	.07	26.8	29.5	23.6	24.9	24.1	31.7	30.7
Hr. of Max	10	22	14	14	16	15	18	13	13
Min	-.93	-.60	3.2	4.1	2.5	3.9	1.7	23.4	23.1
Count	24	24	24	24	24	24	24	24	24
Total									