Date Printed: 07/14/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

7/13/2017

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	22.3	22.8	23.2	23.6	20.9	20.9	21.4	25.5	94.4
01:00	21.9	22.4	22.9	23.5	20.8	21.3	21.7	25.4	95.5
02:00	21.8	22.4	22.7	23.2	20.8	21.7	21.9	25.3	96.4
03:00	21.5	22.0	22.5	22.9	20.5	21.3	21.5	25.1	96.7
04:00	21.2	21.9	22.3	22.8	20.3	21.2	21.4	25.0	97.1
05:00	21.0	21.8	22.0	22.5	20.2	21.1	21.3	24.8	97.2
06:00	20.9	21.6	22.0	22.3	20.1	20.9	21.2	24.7	97.2
07:00	21.8	22.2	22.4	22.6	20.8	21.5	21.7	24.6	96.3
08:00	24.4	23.7	23.6	23.5	21.6	22.7	23.0	24.5	87.2
09:00	26.7	26.4	26.4	26.5	21.7	21.7	23.3	24.4	76.6
10:00	27.8	28.0	27.9	27.6	21.7	21.6	23.8	24.4	71.6
11:00	29.8	30.6	30.3	30.0	21.8	22.1	24.9	24.5	64.3
12:00	31.1	31.6	31.4	31.3	21.2	21.3	24.8	24.9	57.4
13:00	31.5	31.5	31.6	31.3	20.8	20.8	24.4	25.4	54.8
14:00	27.9	28.1	27.9	27.9	20.3	20.4	23.0	25.9	66.6
15:00	26.5	26.6	26.5	26.7	22.7	22.3	23.7	26.2	82.3
16:00	30.2	30.8	29.9	29.8	22.1	22.5	25.3	26.3	64.1
17:00	31.0	32.0	31.5	30.9	21.5	22.4	25.6	26.5	59.1
18:00	31.1	32.0	31.3	30.8	21.5	22.3	25.5	26.6	58.5
19:00	29.3	31.1	30.4	30.1	22.2	22.4	25.3	26.8	67.9
20:00	26.8	27.8	28.0	28.2	22.9	21.9	23.8	26.8	81.9
21:00	24.8	25.2	26.1	27.1	22.1	21.5	22.8	26.7	87.4
22:00	23.6	24.3	25.1	25.5	21.5	21.5	22.4	26.6	90.7
23:00	22.9	23.5	24.1	25.0	21.1	21.4	22.1	26.5	92.2
Avg	25.7	26.3	26.3	26.5	21.3	21.6	23.2	25.6	80.6
Max	31.5	32.0	31.6	31.3	22.9	22.7	25.6	26.8	97.2
Hr. of Max	13	18	13	13	20	08	17	20	06
Min	20.9	21.6	22.0	22.3	20.1	20.4	21.2	24.4	54.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/13/2017

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	92.2	18.2	18.1	0.016011	0.015942	24.8	24.7	.00	29.22
01:00	95.8	18.1	18.6	0.015864	0.016381	24.6	25.4	.00	29.22
02:00	98.2	18.1	19.0	0.015854	0.016774	24.6	26.0	.00	29.22
03:00	98.3	17.8	18.6	0.0156	0.016387	24.2	25.4	.00	29.22
04:00	98.3	17.6	18.5	0.015413	0.016259	23.9	25.2	.00	29.22
05:00	98.3	17.4	18.4	0.015235	0.016145	23.7	25.0	.00	29.23
06:00	98.3	17.4	18.3	0.015157	0.016004	23.6	24.8	.00	29.24
07:00	98.3	18.1	18.8	0.01588	0.016559	24.7	25.7	.00	29.26
08:00	97.2	18.9	20.2	0.016732	0.017894	26.0	27.7	.00	29.27
09:00	77.3	18.9	18.8	0.01684	0.016761	26.1	26.0	.00	29.28
10:00	70.5	18.8	18.7	0.016792	0.016771	26.1	26.0	.00	29.28
11:00	62.7	18.9	19.1	0.017002	0.017303	26.4	26.8	.00	29.28
12:00	56.3	18.1	18.2	0.016332	0.01651	25.4	25.6	.00	29.26
13:00	54.9	17.7	17.7	0.01599	0.015988	24.8	24.8	.00	29.25
14:00	65.9	17.3	17.4	0.01547	0.015571	24.0	24.2	.08	29.25
15:00	79.9	20.0	19.6	0.017903	0.017481	27.7	27.1	.00	29.23
16:00	63.8	19.2	19.6	0.017337	0.017808	26.8	27.5	.00	29.20
17:00	58.8	18.5	19.4	0.016748	0.017635	25.9	27.3	.00	29.20
18:00	58.5	18.4	19.3	0.016692	0.017561	25.8	27.1	.00	29.18
19:00	62.0	19.3	19.5	0.017442	0.017689	26.9	27.3	.00	29.17
20:00	72.5	20.3	19.0	0.018221	0.017069	28.1	26.4	.00	29.17
21:00	82.1	19.4	18.7	0.017283	0.01664	26.7	25.8	.00	29.19
22:00	86.6	18.8	18.7	0.016659	0.016595	25.8	25.7	.00	29.21
23:00	89.9	18.4	18.6	0.016223	0.01645	25.2	25.5	.00	29.23
Avg	79.9	18.5	18.8	0.016445	0.016757	25.5	26.0	.00	29.23
Max	98.3	20.3	20.2	0.018221	0.017894	28.1	27.7	.08	29.28
Hr. of Max	07	20	08	20	08	20	08	14	11
Min	54.9	17.3	17.4	0.015157	0.015571	23.6	24.2	.00	29.17
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/13/2017

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	989.6	-1.4	228.0	206.2	265.4	202.3	14.0	10.1	21.9
01:00	989.6	-1.4	295.8	242.2	255.5	237.6	42.4	11.0	29.2
02:00	989.5	-1.4	240.7	228.8	265.4	228.0	34.5	50.2	53.4
03:00	989.4	-1.4	234.2	231.3	240.3	227.4	14.5	15.5	24.3
04:00	989.6	-1.5	274.6	315.2	257.5	308.6	21.1	23.4	44.0
05:00	989.9	-1.4	215.4	195.4	266.3	189.9	26.7	34.9	49.8
06:00	990.3	5.3	350.9	97.3	233.1	84.9	44.6	52.1	44.6
07:00	990.8	81.1	250.1	200.4	257.0	198.1	17.0	9.5	38.6
08:00	991.4	281.4	240.7	230.7	234.7	226.6	16.7	11.5	22.3
09:00	991.7	515.7	236.7	232.5	231.1	228.5	16.6	14.1	21.9
10:00	991.5	597.9	229.0	228.7	219.9	224.6	23.4	17.5	27.5
11:00	991.4	927.9	221.3	219.5	209.4	214.9	29.2	24.9	36.5
12:00	991.0	1022.1	215.5	211.0	207.0	206.1	24.8	20.7	31.7
13:00	990.4	749.6	234.1	230.0	229.5	225.6	21.1	18.4	26.6
14:00	990.5	428.2	312.2	309.0	301.3	299.8	20.7	16.2	25.1
15:00	990.0	644.2	238.2	6.3	193.9	339.5	52.8	52.9	53.9
16:00	989.0	654.9	302.9	302.6	281.2	295.1	45.5	41.7	55.8
17:00	988.7	498.2	303.0	301.1	285.4	292.1	30.9	28.9	40.2
18:00	988.1	376.3	305.3	302.8	290.2	295.0	21.0	18.4	31.2
19:00	987.9	200.5	281.5	278.3	277.1	272.1	15.2	13.8	21.4
20:00	987.9	20.4	259.5	253.1	262.3	248.3	9.2	5.7	19.1
21:00	988.7	-1.1	250.3	254.5	239.2	249.8	12.3	5.9	19.2
22:00	989.3	-1.4	245.4	248.6	287.3	243.5	35.0	11.5	28.0
23:00	989.8	-1.4	219.7	244.0	263.6	239.6	9.6	6.1	12.0
Avg	989.8	291.3	255.0	248.0	252.0	244.0	25.0	21.5	32.4
Max	991.7	1022.1	350.9	315.2	301.3	339.5	52.8	52.9	55.8
Hr. of Max	09	12	06	04	14	15	15	15	16
Min	987.9	-1.5	215.4	6.3	193.9	84.9	9.2	5.7	12.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/13/2017

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	11.1	1.3	1.9	1.4	1.9	1.3	2.1	.5	-1.2
01:00	11.1	.5	2.3	.6	2.3	1.1	2.5	1.6	-.3
02:00	47.1	.9	1.2	1.4	1.5	1.7	1.8	1.8	1.1
03:00	15.9	1.7	2.4	2.0	2.6	1.6	2.8	2.3	.8
04:00	27.4	.3	.9	.8	1.5	1.4	1.7	3.1	1.3
05:00	33.9	.8	1.1	1.0	1.2	1.0	1.5	1.1	-2.4
06:00	61.0	.0	.2	.3	.4	1.2	.7	1.8	-.3
07:00	12.2	1.9	2.4	2.0	2.5	1.5	2.8	-.3	-.6
08:00	11.6	3.3	4.2	3.4	4.3	2.9	4.6	-.3	-1.0
09:00	14.5	5.7	6.5	5.9	6.7	5.2	7.2	-.8	-2.7
10:00	17.2	5.6	6.4	6.0	6.7	5.5	7.3	-1.1	-2.0
11:00	24.9	4.6	5.3	5.1	5.7	4.7	6.4	3.3	2.3
12:00	20.9	6.4	7.2	7.0	7.7	6.3	8.3	1.7	-.3
13:00	18.3	7.0	8.1	7.5	8.6	6.3	9.1	.7	-.1
14:00	15.0	6.4	8.5	8.3	10.3	6.6	10.8	-3.8	-2.0
15:00	56.1	.7	1.7	1.9	2.6	1.9	3.1	2.3	-.7
16:00	39.1	2.4	2.7	2.9	3.2	2.8	3.7	-3.3	-6.1
17:00	27.5	2.2	2.6	2.8	3.1	2.7	3.5	1.5	-4.1
18:00	17.1	2.9	3.5	3.2	3.8	2.7	3.9	3.7	-.1
19:00	13.1	3.0	3.8	3.3	4.1	2.3	4.3	-.8	-1.7
20:00	5.9	3.2	4.7	3.3	4.7	1.7	4.9	-3.2	.6
21:00	6.1	2.4	5.2	2.6	5.3	1.8	5.5	-.5	.4
22:00	12.4	.8	2.1	1.0	2.2	1.2	2.4	.8	-.1
23:00	6.3	2.3	3.5	2.3	3.5	1.7	3.7	-1.7	.1
Avg	21.9	.0	.0	3.2	4.0	2.8	4.4	.4	-.8
Max	61.0	7.0	8.5	8.3	10.3	6.6	10.8	3.7	2.3
Hr. of Max	06	13	14	14	14	14	14	18	11
Min	5.9	.0	.2	.3	.4	1.0	.7	-3.8	-6.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/13/2017

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	-.04	3.7	3.2	3.4	6.8	3.7	24.9	25.9
01:00	.03	-.02	4.1	4.8	2.5	6.1	3.3	24.5	25.6
02:00	.03	.04	3.7	3.7	4.1	9.3	8.0	24.3	25.4
03:00	.02	.04	3.9	5.0	4.0	8.6	3.7	23.8	24.8
04:00	.07	.03	1.8	4.6	3.1	7.1	6.8	23.7	24.5
05:00	.02	-.05	2.3	2.7	2.5	6.0	8.3	23.6	24.4
06:00	.02	.00	1.6	1.6	3.1	6.9	6.9	23.3	23.9
07:00	-.04	-.09	5.0	6.4	3.9	8.7	9.6	23.7	24.2
08:00	-.06	-.15	8.5	10.8	6.7	15.1	10.3	25.5	25.0
09:00	-.24	-.49	13.1	14.4	14.1	17.9	14.0	27.4	26.5
10:00	-.24	-.33	12.1	13.1	12.8	17.0	15.2	28.4	27.6
11:00	.00	.05	11.2	11.4	11.0	23.2	22.0	30.0	29.1
12:00	-.01	-.25	14.4	13.7	15.0	18.6	16.3	31.1	30.2
13:00	-.15	-.16	16.7	16.9	14.7	17.9	12.7	31.7	30.8
14:00	-.74	-.58	18.5	23.6	18.4	18.0	11.7	28.7	28.2
15:00	.07	-.11	18.5	17.9	7.4	31.9	30.2	27.8	27.2
16:00	-.22	-.60	7.1	6.9	7.3	26.7	25.5	30.8	30.0
17:00	-.04	-.31	6.2	7.6	6.7	25.0	21.6	31.8	31.0
18:00	.00	-.16	7.6	9.2	7.2	23.9	17.4	32.0	31.2
19:00	-.11	-.19	8.7	8.2	7.2	15.5	10.4	31.3	30.7
20:00	-.10	.05	10.1	13.1	5.0	10.1	3.9	29.1	29.4
21:00	.00	.03	5.7	10.5	3.8	8.3	2.9	27.3	28.5
22:00	.00	-.02	4.4	4.8	2.5	7.2	8.2	26.5	27.4
23:00	-.07	.01	3.4	4.6	3.8	6.6	2.2	25.8	26.9
Avg	-.07	-.14	8.0	9.1	7.1	14.3	11.5	27.4	27.4
Max	.07	.05	18.5	23.6	18.4	31.9	30.2	32.0	31.2
Hr. of Max	15	20	15	14	14	15	15	18	18
Min	-.74	-.60	1.6	1.6	2.5	6.0	2.2	23.3	23.9
Count	24	24	24	24	24	24	24	24	24
Total									