Date Printed: 07/17/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

7/16/2017

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	21.8	22.3	22.4	22.8	20.7	21.6	21.9	25.8	96.4
01:00	21.4	22.3	22.4	22.6	20.5	21.7	21.9	25.6	97.2
02:00	21.3	22.0	22.4	22.6	20.6	21.4	21.6	25.5	97.8
03:00	21.3	21.9	22.0	22.1	20.5	21.3	21.5	25.3	97.4
04:00	21.2	21.7	21.7	21.9	20.5	21.0	21.2	25.2	98.0
05:00	21.6	21.6	21.6	21.0	20.9	21.0	21.2	25.0	98.5
06:00	21.0	21.2	21.1	21.2	20.3	20.5	20.7	24.9	98.3
07:00	21.4	21.2	21.2	20.7	20.4	20.5	20.7	24.8	96.4
08:00	22.1	21.8	21.8	20.8	20.0	20.9	21.2	24.7	89.7
09:00	24.1	23.1	22.8	22.7	19.3	19.0	20.6	24.6	76.6
10:00	26.0	25.4	25.2	24.9	19.5	18.6	21.1	24.6	69.1
11:00	27.5	26.9	26.5	26.4	18.8	18.3	21.5	24.8	60.6
12:00	28.5	27.5	27.4	27.6	19.2	18.7	22.1	25.2	59.0
13:00	29.7	28.3	28.1	28.7	18.7	18.5	22.3	25.6	53.3
14:00	31.0	29.3	29.1	29.7	18.5	18.3	22.4	26.1	49.0
15:00	31.2	29.8	29.7	30.5	17.9	17.6	22.1	26.4	46.3
16:00	31.3	30.3	30.1	30.6	17.6	17.4	22.0	26.6	45.5
17:00	31.1	30.3	30.0	30.2	18.2	17.7	22.1	26.8	47.7
18:00	30.5	30.6	30.1	29.9	18.9	18.3	22.4	27.0	51.8
19:00	28.6	29.4	29.2	30.1	20.1	19.0	22.5	27.2	62.0
20:00	25.4	26.9	28.1	28.4	19.8	18.3	21.2	27.2	72.9
21:00	23.3	24.7	26.1	26.6	19.4	17.9	20.2	27.2	80.7
22:00	21.9	23.2	24.4	25.5	18.7	17.8	19.6	27.0	83.9
23:00	21.0	21.8	23.3	24.7	18.5	18.0	19.2	26.8	87.8
Avg	25.2	25.1	25.3	25.5	19.5	19.3	21.4	25.8	75.7
Max	31.3	30.6	30.1	30.6	20.9	21.7	22.5	27.2	98.5
Hr. of Max	16	18	18	16	05	01	19	21	05
Min	21.0	21.2	21.1	20.7	17.6	17.4	19.2	24.6	45.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/16/2017

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	98.6	18.0	19.0	0.015884	0.016809	24.6	25.9	.00	29.12
01:00	98.8	17.8	19.1	0.01569	0.016842	24.3	26.0	.00	29.11
02:00	98.9	17.9	18.7	0.015721	0.016545	24.3	25.5	.00	29.09
03:00	98.9	17.8	18.6	0.015645	0.016455	24.2	25.4	.00	29.09
04:00	98.8	17.8	18.4	0.01565	0.016197	24.2	25.0	.00	29.10
05:00	98.8	18.3	18.4	0.016079	0.016167	24.8	25.0	.00	29.10
06:00	98.8	17.6	17.9	0.015464	0.015687	23.9	24.3	.00	29.11
07:00	98.6	17.7	17.8	0.015515	0.015673	24.0	24.2	.00	29.12
08:00	97.1	17.2	18.2	0.015129	0.015993	23.4	24.7	.00	29.12
09:00	76.3	16.4	16.1	0.014508	0.014205	22.5	22.0	.00	29.12
10:00	65.3	16.5	15.6	0.014723	0.013891	22.8	21.5	.00	29.11
11:00	56.9	15.8	15.2	0.014117	0.013671	21.9	21.2	.00	29.11
12:00	55.5	16.2	15.6	0.014521	0.014025	22.5	21.7	.00	29.10
13:00	51.6	15.6	15.4	0.014096	0.013894	21.8	21.5	.00	29.09
14:00	49.1	15.4	15.2	0.013947	0.013732	21.6	21.3	.00	29.06
15:00	45.9	14.8	14.5	0.013405	0.013148	20.8	20.4	.00	29.05
16:00	44.9	14.5	14.3	0.013198	0.012986	20.4	20.1	.00	29.03
17:00	46.8	15.1	14.6	0.0137	0.013278	21.2	20.5	.00	29.01
18:00	49.5	15.8	15.2	0.014354	0.013803	22.2	21.3	.00	29.01
19:00	55.1	17.0	15.9	0.015392	0.014367	23.7	22.2	.00	29.02
20:00	61.0	16.8	15.3	0.015001	0.013708	23.1	21.2	.00	29.03
21:00	67.6	16.5	15.0	0.014637	0.013348	22.6	20.7	.00	29.04
22:00	73.3	15.8	14.9	0.013949	0.013195	21.6	20.4	.00	29.05
23:00	80.6	15.8	15.2	0.013828	0.013342	21.4	20.7	.00	29.05
Avg	73.6	16.6	16.4	0.014756	0.014623	22.8	22.6	.00	29.08
Max	98.9	18.3	19.1	0.016079	0.016842	24.8	26.0	.00	29.12
Hr. of Max	03	05	01	05	01	05	01	23	09
Min	44.9	14.5	14.3	0.013198	0.012986	20.4	20.1	.00	29.01
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/16/2017

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	986.0	-1.5	231.1	204.7	271.8	201.2	19.6	13.4	36.7
01:00	985.8	-1.5	5.4	254.1	344.7	252.2	26.8	29.2	31.4
02:00	985.3	-1.5	47.6	6.0	27.6	359.5	39.1	19.8	35.4
03:00	985.2	-1.5	54.6	48.5	48.8	39.6	21.5	22.6	39.0
04:00	985.3	-1.5	50.5	88.4	294.8	74.5	45.9	38.8	46.4
05:00	985.5	-1.4	12.3	25.8	279.3	12.8	50.7	42.1	49.5
06:00	985.9	2.3	18.8	35.8	344.8	24.4	19.4	14.7	48.9
07:00	986.0	60.6	39.8	41.7	21.2	31.1	21.1	18.8	42.1
08:00	986.1	195.5	19.9	39.0	354.5	28.0	47.0	40.8	67.2
09:00	986.0	564.4	46.4	53.2	37.1	43.3	31.7	22.3	50.7
10:00	985.9	760.1	75.9	66.0	66.0	55.3	39.5	38.1	58.2
11:00	985.8	862.7	116.5	113.2	108.8	103.4	41.4	41.6	42.8
12:00	985.6	788.4	284.3	267.5	169.4	271.0	48.6	43.7	66.6
13:00	985.0	930.3	277.7	277.5	264.2	271.9	55.5	60.4	60.5
14:00	984.3	1055.3	328.8	337.3	288.3	325.0	57.3	60.5	52.5
15:00	983.6	962.9	356.9	355.9	341.1	345.5	47.4	40.7	55.3
16:00	983.0	641.4	348.7	343.5	332.5	333.1	35.4	35.5	53.6
17:00	982.5	543.7	23.6	21.9	17.3	10.9	35.1	28.9	49.6
18:00	982.4	354.4	24.1	26.6	357.2	15.7	24.9	17.5	46.6
19:00	982.6	198.7	24.5	24.7	347.1	13.0	14.3	9.9	39.0
20:00	983.0	22.6	23.2	27.5	327.3	15.5	7.0	5.7	25.9
21:00	983.3	-1.2	63.3	65.9	330.5	57.2	10.9	9.5	24.3
22:00	983.7	-1.4	56.0	55.6	309.2	46.2	13.7	7.4	22.4
23:00	983.9	-1.4	56.3	7.6	293.0	356.3	30.7	14.3	54.2
Avg	984.7	330.4	25.0	25.0	341.0	14.0	32.7	28.2	45.8
Max	986.1	1055.3	356.9	355.9	357.2	359.5	57.3	60.5	67.2
Hr. of Max	08	14	15	15	18	02	14	14	08
Min	982.4	-1.5	5.4	6.0	17.3	10.9	7.0	5.7	22.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/16/2017

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	15.2	.8	1.6	.9	1.7	1.2	1.9	1.4	.9
01:00	37.1	.4	.7	.7	1.0	1.0	1.3	2.0	.3
02:00	28.7	1.4	1.8	1.7	2.4	1.2	2.6	1.2	1.1
03:00	25.2	1.0	1.4	1.1	1.5	1.2	2.0	2.6	-1.0
04:00	42.1	.5	.5	.7	.9	1.2	1.2	.5	-1.5
05:00	46.1	.8	1.3	.9	1.4	1.1	1.7	-1.7	-1.1
06:00	14.9	1.4	2.3	1.7	2.8	1.3	3.0	-1.1	.9
07:00	19.5	1.9	2.7	2.0	2.8	1.4	3.1	-3.3	-2.8
08:00	41.9	1.0	1.5	1.6	2.0	1.4	2.3	-1.6	1.4
09:00	25.9	2.3	2.5	2.6	2.9	2.3	3.3	.0	-2.5
10:00	38.6	2.0	2.2	2.5	2.8	2.7	3.4	.8	-4.3
11:00	42.3	2.1	2.1	3.1	3.0	3.5	3.6	-5.2	-10.3
12:00	44.6	.5	.6	2.3	2.3	2.8	2.9	-1.7	1.3
13:00	61.6	1.4	1.4	2.4	2.4	2.6	3.0	-3.5	-12.1
14:00	58.6	1.8	2.2	2.9	3.1	3.2	3.7	1.3	5.4
15:00	39.2	2.7	2.9	3.5	3.7	3.2	4.3	-3.7	-7.8
16:00	34.0	3.3	3.6	3.9	4.1	3.3	4.6	-4.1	-8.9
17:00	27.1	4.1	5.1	4.7	5.7	3.5	6.2	.8	-2.8
18:00	18.5	3.0	4.0	3.4	4.3	2.4	4.6	-1.3	.6
19:00	9.5	4.3	5.7	4.4	5.8	2.3	6.1	-2.0	-1.1
20:00	5.9	4.6	6.4	4.7	6.5	1.8	6.7	-5.5	.1
21:00	10.0	1.9	2.9	1.9	3.0	1.3	3.2	-1.2	.2
22:00	8.1	1.1	2.4	1.2	2.5	1.0	2.7	1.0	.9
23:00	11.2	1.0	2.9	1.1	3.0	.7	3.2	1.7	1.1
Avg	29.4	.0	.0	2.3	3.0	2.0	3.4	-.9	-1.8
Max	61.6	4.6	6.4	4.7	6.5	3.5	6.7	2.6	5.4
Hr. of Max	13	20	20	20	20	17	20	03	14
Min	5.9	.4	.5	.7	.9	.7	1.2	-5.5	-12.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/16/2017

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	.03	.02	2.7	4.4	2.7	7.0	5.6	24.3	24.7
01:00	.03	.01	3.2	4.1	2.7	7.5	11.0	24.1	24.6
02:00	.01	.05	6.9	7.8	5.9	10.9	12.1	23.8	24.2
03:00	.08	.03	5.3	6.4	4.3	13.0	14.2	23.6	23.4
04:00	-.03	-.03	2.7	2.3	2.8	9.1	14.4	23.3	23.2
05:00	-.06	-.04	3.9	3.9	3.6	16.5	15.6	23.2	22.9
06:00	-.08	.10	4.6	6.6	3.1	16.4	8.2	22.7	22.6
07:00	-.13	-.16	4.8	8.9	3.3	19.1	8.8	22.8	22.4
08:00	-.05	.03	4.4	5.3	4.5	23.4	19.3	23.5	22.9
09:00	-.09	-.06	7.1	6.4	6.1	28.2	25.2	25.0	24.2
10:00	-.01	-.33	7.1	6.9	6.8	29.1	28.7	26.8	25.9
11:00	-.28	-.71	8.9	9.8	8.8	24.8	27.3	27.9	27.2
12:00	-.06	.07	6.4	7.6	7.6	27.2	34.7	28.8	28.2
13:00	-.28	-.61	8.7	9.8	7.2	30.2	31.7	29.7	29.0
14:00	-.02	.11	8.9	8.9	8.8	28.4	31.0	30.6	29.8
15:00	-.36	-.67	8.7	8.9	9.1	27.7	25.5	31.1	30.1
16:00	-.44	-.77	11.9	10.5	11.4	26.4	22.3	31.3	30.4
17:00	-.25	-.30	11.4	12.1	9.6	25.5	15.9	31.6	30.6
18:00	-.16	-.07	10.3	13.3	8.2	23.1	14.7	31.3	30.6
19:00	-.24	-.19	8.7	13.7	7.4	22.8	8.5	30.3	30.0
20:00	-.20	-.02	11.0	10.8	4.3	12.2	4.1	27.9	29.1
21:00	-.02	.02	6.0	9.6	2.7	8.7	4.3	26.3	27.5
22:00	.01	.05	5.0	8.2	2.5	7.9	2.6	25.1	26.5
23:00	.02	.07	2.7	6.4	1.9	10.0	7.0	23.9	25.8
Avg	-.11	-.14	6.7	8.0	5.6	19.0	16.4	26.6	26.5
Max	.08	.11	11.9	13.7	11.4	30.2	34.7	31.6	30.6
Hr. of Max	03	14	16	19	16	13	12	17	18
Min	-.44	-.77	2.7	2.3	1.9	7.0	2.6	22.7	22.4
Count	24	24	24	24	24	24	24	24	24
Total									