Date Printed: 05/01/2017 06:56

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

Daily Summary Report

Site: Tower "A" (7900 Area)

4/28/2017

Interval: 001h

	01_TempC_015m	02_TempC_030m	03_TempF_015m	04_TempF_030m	05_VT Grad	06_DewPtC_015m	07_DewPtF_015m	08_RH_015m	09_AbsHum_015m
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	14.8	15.6	58.7	60.1	.8	14.5	58.1	99.8	12.5
01:00	13.8	14.6	56.8	58.3	.8	13.5	56.3	99.6	11.7
02:00	13.4	14.1	56.2	57.3	.6	13.1	55.7	99.8	11.5
03:00	12.6	13.3	54.7	56.0	.7	12.3	54.1	99.6	10.9
04:00	11.8	12.4	53.2	54.4	.6	11.5	52.7	99.5	10.4
05:00	11.7	12.4	53.0	54.4	.7	11.4	52.6	99.7	10.3
06:00	11.2	11.7	52.1	53.0	.5	10.9	51.7	99.8	10.0
07:00	11.3	11.7	52.4	53.0	.3	11.2	52.1	100.3	10.1
08:00	13.1	13.0	55.6	55.4	-.1	12.6	54.6	97.9	11.0
09:00	16.1	15.8	60.9	60.4	-.3	12.6	54.6	81.0	10.9
10:00	19.1	18.8	66.4	65.8	-.4	13.5	56.2	71.1	11.5
11:00	22.2	21.8	72.0	71.3	-.4	14.4	58.0	62.7	12.1
12:00	24.0	23.7	75.2	74.7	-.3	15.4	59.7	59.8	12.8
13:00	24.6	24.4	76.3	75.9	-.3	16.2	61.1	60.6	13.5
14:00	25.4	25.1	77.7	77.3	-.2	17.3	63.2	62.6	14.5
15:00	25.5	25.3	77.9	77.5	-.2	17.4	63.4	62.5	14.5
16:00	26.1	25.9	78.9	78.6	-.2	17.2	62.9	59.6	14.3
17:00	26.2	26.1	79.2	79.0	-.1	17.7	63.8	60.7	14.7
18:00	25.9	25.9	78.7	78.6	.0	18.3	64.9	64.4	15.3
19:00	25.3	25.6	77.6	78.0	.2	19.6	67.4	72.7	16.7
20:00	25.8	26.1	78.5	79.0	.3	19.1	66.3	68.1	16.1
21:00	25.6	25.8	78.0	78.5	.2	18.5	65.4	66.8	15.6
22:00	25.7	25.8	78.2	78.4	.1	18.0	64.5	64.4	15.1
23:00	25.0	25.1	77.0	77.1	.1	17.8	64.1	66.0	14.9
Avg	19.8	20.0	67.7	68.0	.1	15.2	59.3	78.3	13.0
Max	26.2	26.1	79.2	79.0	.8	19.6	67.4	100.3	16.7
Hr. of Max	17	20	17	20	01	19	19	07	19
Min	11.2	11.7	52.1	53.0	-.4	10.9	51.7	59.6	10.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

4/28/2017

Interval: 001h

	10_MixRatio_015m	1_Sat Mix Ratio_015	12_VaporPr_015m	3_Sat Vapor_Pr_015	14_LHV_015m	14a_WetBulbC	15_Precip_mm	16_Precip_In	17_BarPres_In
Hour	COUNT	COUNT	KPa	KPa	None	DEGC	MM	INCHES	INHG
00:00	0.010685	0.010707	16.6	16.90	2456082.1	14.6	.0	.00	28.97
01:00	0.009966	0.010006	15.5	15.79	2458534.6	13.6	.0	.00	28.98
02:00	0.009754	0.009778	15.2	15.43	2459389.6	13.2	.0	.00	28.98
03:00	0.009214	0.009249	14.3	14.60	2461391.6	12.4	.0	.00	28.98
04:00	0.008748	0.008789	13.6	13.85	2463287.6	11.6	.0	.00	28.99
05:00	0.008692	0.008719	13.5	13.76	2463529.3	11.5	.0	.00	29.01
06:00	0.008399	0.008417	13.1	13.31	2464714.7	11.0	.0	.00	29.03
07:00	0.008527	0.008502	13.3	13.45	2464339.1	11.2	.0	.00	29.05
08:00	0.009346	0.009563	14.6	15.14	2460104.6	12.7	.0	.00	29.06
09:00	0.009355	0.011568	14.6	18.32	2453121.0	13.7	.0	.00	29.08
10:00	0.009952	0.014031	15.5	22.23	2445864.0	15.4	.0	.00	29.09
11:00	0.01064	0.016994	16.6	26.90	2438517.7	17.0	.0	.00	29.07
12:00	0.011321	0.018916	17.6	29.95	2434258.2	18.3	.0	.00	29.08
13:00	0.011915	0.019647	18.5	31.10	2432784.1	19.0	.0	.00	29.07
14:00	0.012854	0.020542	19.9	32.52	2430994.9	20.0	.0	.00	29.06
15:00	0.012924	0.020666	20.0	32.71	2430757.8	20.1	.0	.00	29.05
16:00	0.012753	0.021401	19.8	33.84	2429393.1	20.1	.0	.00	29.03
17:00	0.013139	0.021628	20.3	34.20	2428970.3	20.5	.0	.00	29.03
18:00	0.013666	0.021239	21.1	33.59	2429693.6	20.8	.0	.00	29.03
19:00	0.014887	0.020486	23.0	32.40	2431139.1	21.5	.0	.00	29.04
20:00	0.014361	0.021086	22.2	33.37	2429958.1	21.3	.0	.00	29.05
21:00	0.013868	0.020748	21.5	32.86	2430563.5	20.9	.0	.00	29.07
22:00	0.013425	0.020849	20.8	33.04	2430352.4	20.6	.0	.00	29.09
23:00	0.01325	0.020083	20.5	31.80	2431871.6	20.2	.0	.00	29.09
Avg	0.011318	0.015567	17.6	24.63	2444150.5	16.7	.0	.00	29.04
Max	0.014887	0.021628	23.0	34.20	2464714.7	21.5	.0	.00	29.09
Hr. of Max	19	17	19	17	06	19	23	23	23
Min	0.008399	0.008417	13.1	13.31	2428970.3	11.0	.0	.00	28.97
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

4/28/2017

Interval: 001h

	18_BarPres_Mb	21_WDir_015m	22_WDir_030m	23_VWDir_015m	24_VWDir_030m	25_Sigma_015m	26_Sigma_030m	27_RWSpd_015m	28_RWSpd_030m
Hour	KPa	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH
00:00	980.9	125	277	215	276	46.1	22.2	.2	2.0
01:00	981.3	54	71	50	72	26.3	41.5	.9	1.0
02:00	981.3	64	70	61	70	16.1	6.7	1.9	3.1
03:00	981.2	78	64	60	65	46.8	25.0	1.5	2.5
04:00	981.8	73	82	68	76	36.8	37.6	1.1	1.6
05:00	982.4	56	61	56	60	12.3	6.1	2.8	4.5
06:00	983.0	52	61	52	59	25.3	14.2	1.4	3.2
07:00	983.7	63	67	64	66	19.8	10.3	2.1	3.9
08:00	984.2	55	67	57	68	27.2	17.6	2.3	3.5
09:00	984.9	47	56	48	58	28.9	28.3	3.1	3.4
10:00	985.0	71	72	73	73	46.2	37.6	2.1	2.3
11:00	984.5	119	127	120	124	47.5	46.5	2.1	2.3
12:00	984.7	226	239	227	239	35.2	31.0	4.9	6.6
13:00	984.3	248	254	248	254	40.3	31.1	4.2	6.0
14:00	984.1	250	260	250	258	41.7	33.0	4.7	7.2
15:00	983.8	258	264	259	266	40.9	30.0	4.6	7.2
16:00	983.1	277	274	276	276	45.2	32.2	3.6	5.4
17:00	983.0	282	281	280	280	41.4	31.5	3.3	5.0
18:00	983.1	285	284	283	284	44.8	24.7	2.2	3.7
19:00	983.3	301	256	297	248	55.1	56.6	.4	1.1
20:00	983.7	204	212	203	212	25.9	16.2	3.0	4.8
21:00	984.4	204	211	204	211	15.0	10.8	4.6	6.7
22:00	985.0	218	218	217	218	19.8	14.3	6.7	9.4
23:00	985.2	222	222	222	222	23.0	15.6	6.9	9.9
Avg	983.4	102	239	66	66	33.7	25.9	2.0	2.0
Max	985.2	301	284	297	284	55.1	56.6	6.9	9.9
Hr. of Max	23	19	18	19	18	19	19	23	23
Min	980.9	47	56	48	58	12.3	6.1	.2	1.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

4/28/2017

Interval: 001h

	29_WSpd_015m	30_WSpd_030m	31_WSpdms_015m	32_WSpdms_030m	33_WElev_015m	34_WElev_030m	35_VSSpd_015m	36_VSSpd_030m	37_VSSpdms_015m
Hour	MPH	MPH	M/SEC	M/SEC	DEG	DEG	MPH	MPH	M/SEC
00:00	.8	2.1	.3	.9	.7	4.3	.0	.1	.00
01:00	1.2	1.2	.5	.5	-3.4	3.0	-.1	.0	-.03
02:00	2.0	3.1	.9	1.4	-3.3	.3	-.1	.0	-.05
03:00	1.8	2.7	.8	1.2	-1.6	1.5	-.1	.1	-.02
04:00	1.6	1.9	.7	.8	-4.7	3.5	-.1	.1	-.05
05:00	2.9	4.5	1.3	2.0	-.7	.1	-.1	.0	-.03
06:00	1.7	3.3	.7	1.5	.5	1.0	.0	.0	.00
07:00	2.3	4.0	1.0	1.8	-.1	-.4	.0	-.1	-.02
08:00	2.5	3.6	1.1	1.6	2.7	1.6	.0	.0	.00
09:00	3.5	3.8	1.6	1.7	6.3	4.5	.2	.2	.08
10:00	2.6	2.7	1.2	1.2	8.3	7.9	.3	.3	.13
11:00	3.3	3.5	1.5	1.6	5.5	.8	.2	.1	.11
12:00	5.8	7.4	2.6	3.3	.8	3.8	-.1	.2	-.04
13:00	5.3	6.9	2.4	3.1	-1.9	.5	-.4	-.3	-.20
14:00	5.9	8.1	2.6	3.6	.4	1.1	-.2	-.3	-.09
15:00	5.7	8.1	2.5	3.6	-2.0	.3	-.5	-.4	-.24
16:00	4.5	6.1	2.0	2.7	-1.4	-.7	-.4	-.3	-.19
17:00	4.0	5.5	1.8	2.5	-1.6	-.3	-.4	-.4	-.17
18:00	2.6	4.0	1.2 -	1.8	-7.0	-1.9	-.5	-.3	-.21
19:00	1.0	1.6	.5	.7	-5.0	1.2	-.1	.0	-.05
20:00	3.3	5.0	1.5	2.2	1.2	2.4	.0	.1	.01
21:00	4.7	6.8	2.1	3.0	1.8	2.3	.1	.2	.03
22:00	7.1	9.7	3.2	4.3	1.1	-.6	-.1	-.2	-.03
23:00	7.4	10.3	3.3	4.6	-.5	-1.4	-.4	-.4	-.16
Avg	3.5	4.8	1.6	2.2	-.2	1.5	-.1	-.1	-.05
Max	7.4	10.3	3.3	4.6	8.3	7.9	.3	.3	.13
Hr. of Max	23	23	23	23	10	10	10	10	10
Min	.8	1.2	.3	.5	-7.0	-1.9	-.5	-.4	-.24
Count	24	24	24	24	24	24	24	24	24
Total									

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Site: Tower "A" (7900 Area)

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Interval: 001h

	38_VSSpdms_030m	40_PkWsQ_015m	42_PkWsH_015m	43_PkWsH_030m	44_SigPhi_015m	45_SigPhi_030m	46_SonicTemp_015m	47_SonicTemp_030m
Hour	M/SEC	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	.06		5.0	6.6	11.7	8.4	16.6	16.7
01:00	.02		2.1	3.3	8.3	7.5	15.6	15.6
02:00	.01		4.9	4.4	7.5	3.3	15.2	15.0
03:00	.02		4.6	4.5	9.9	5.7	14.3	14.2
04:00	.04		5.2	4.9	7.3	8.3	13.4	13.2
05:00	.00		5.4	6.4	10.1	6.5	13.2	13.2
06:00	.01		4.7	5.9	13.5	7.2	12.7	12.3
07:00	-.03		6.5	7.5	13.6	7.3	12.8	12.4
08:00	.00		7.1	7.7	21.2	16.2	14.9	13.9
09:00	.07		9.2	8.0	25.0	23.9	17.8	16.8
10:00	.14		7.2	7.1	30.0	32.6	20.8	19.8
11:00	.06		11.9	10.5	28.6	30.5	23.6	22.6
12:00	.07		18.3	18.7	22.1	20.9	25.3	24.3
13:00	-.12		13.5	15.7	23.1	20.7	26.1	25.1
14:00	-.11		15.5	19.1	23.3	19.5	27.0	26.0
15:00	-.16		17.5	21.0	24.8	19.6	27.1	26.2
16:00	-.15		12.1	14.8	25.4	21.5	27.8	26.8
17:00	-.16		14.2	14.3	25.3	20.2	28.1	27.2
18:00	-.14		12.1	12.8	25.3	19.0	27.9	27.1
19:00	.01		3.7	6.8	17.8	19.2	27.4	26.9
20:00	.05		10.4	10.9	15.5	12.1	27.8	27.3
21:00	.10		11.4	13.0	12.1	8.7	27.5	26.9
22:00	-.10		16.4	18.3	15.9	11.6	27.5	26.8
23:00	-.18		17.7	19.3	16.6	12.7	26.9	26.2
Avg	-.02		9.9	10.9	18.1	15.1	21.6	20.9
Max	.14		18.3	21.0	30.0	32.6	28.1	27.3
Hr. of Max	10		12	15	10	10	17	20
Min	-.18		2.1	3.3	7.3	3.3	12.7	12.3
Count	24	0	24	24	24	24	24	24
Total								