Date Printed: 2/16/2018 07:43

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

Daily Summary Report

Site: Tower "A" (7900 Area)

2/14/2018

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	8.7	8.6	47.7	47.4	-.2	8.5	47.3	99.7	8.6
01:00	8.9	8.8	48.0	47.8	-.1	8.8	47.8	99.7	8.7
02:00	9.1	9.0	484.0	48.2	-.1	9.0	48.2	99.8	8.8
03:00	9.4	9.1	48.8	48.4	-.2	9.0	48.3	99.0	8.8
04:00	9.3	9.2	48.8	48.6	-.1	8.7	47.6	96.0	8.6
05:00	8.7	8.8	47.7	47.7	.0	8.5	47.2	99.5	8.5
06:00	8.6	8.6	47.4	47.5	.0	8.3	47.0	99.5	8.5
07:00	8.6	8.6	47.4	47.5	.0	8.4	47.1	99.8	8.5
08:00	8.7	8.7	47.7	47.7	.0	8.6	47.4	100.0	8.6
09:00	9.1	8.9	48.5	48.0	-.2	9.0	48.1	100.0	8.8
10:00	9.5	9.2	49.1	48.5	-.4	9.3	48.8	99.8	9.0
11:00	10.1	9.9	50.2	49.8	-.2	10.3	50.5	99.0	9.6
12:00	11.0	10.8	51.8	51.5	-.2	11.0	51.7	96.9	10.0
13:00	11.4	11.2	52.6	52.2	-.2	P	P	95.6 P	10.1 P
14:00	11.5	11.3	54.6	52.4	-.2	11.1	52.0	94.8	10.0
15:00	11.8	11.6	55.0	52.8	-.2	11.3	52.3	94.9	10.1
16:00	11.8	11.6	55.0	53.0	-.2	11.5	52.7	96.6	10.3
17:00	11.9	11.7	53.4	53.1	-.2	11.7	53.1	98.4	10.4
18:00	12.0	11.7	53.7	53.1	-.3	11.7	53.1	99.3	10.4
19:00	11.8	11.7	53.2	53.0	-.1	11.5	52.7	99.5	10.3
20:00	11.7	11.8	53.0	53.2	.1	11.4	52.6	99.8	10.3
21:00	11.8	11.9	53.2	53.3	.1	11.5	52.7	99.5	10.4
22:00	12.0	12.0	53.5	53.6	.1	11.7	53.0	99.5	10.4
23:00	12.5	12.7	54.4	54.8	.2	12.2	53.9	99.6	10.8
Avg	10.4	10.3	69.1	50.5	-.1	10.1	50.2	98.6	9.5
Max	12.5	12.7	484.0	54.8	.2	12.2	53.9	100.0	10.8
Hr. of Max	23	23	02	23	23	23	23	09	23
Min	8.6	8.6	47.4	47.4	-.4	8.3	47.0	94.8	8.5
Count	24	24	24	24	24	23	23	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

2/14/2018

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	0.007011	0.007032	11.1	11.29	2470522.1	8.6	.1	.00	29.53
01:00	0.00712	0.00714	11.3	11.47	2469962.4	8.8	.0	.00	29.52
02:00	0.007234	0.007244	11.5	11.66	2469393.7	9.1	.0	.00	29.51
03:00	0.007252	0.007328	11.5	11.78	2469031.4	9.1	.0	.00	29.49
04:00	0.007087	0.007382	11.2	11.85	2468837.0	8.9	.0	.00	29.48
05:00	0.006986	0.00702	11.1	11.26	2470604.7	8.5	4.4	.18	29.49
06:00	0.006921	0.006957	11.0	11.16	2470919.1	8.4	2.9	.11	29.49
07:00	0.006963	0.006974	11.1	11.18	2470859.3	8.5	.9	.03	29.48
08:00	0.007036	0.00704	11.2	11.29	2470514.6	8.6	.6	.02	29.48
09:00	0.007218	0.00722	11.5	11.60	2469562.3	9.0	.0	.00	29.49
10:00	0.0074	0.007412	11.7	11.90	2468665.5	9.4	.0	.00	29.48
11:00	0.007914	0.007998	12.5	12.85	2465985.3	10.4	.0	.00	29.47
12:00	0.008305	0.008571	13.1	13.72	2463631.0	11.2	.0	.00	29.45
13:00	0.008374 P	0.008756 P	13.2 P	14.03 P	2462816.4 P	P	.0 P	.00 P	29.40 P
14:00	0.008373	0.008829	13.2	14.14	2462527.9	11.4	.0	.00	29.37
15:00	0.008478	0.008934	13.4	14.30	2462120.4	11.6	.0	.00	29.35
16:00	0.00861	0.008918	13.6	14.27	2462207.5	11.7	.0	.00	29.33
17:00	0.008727	0.008867	13.7	14.19	2462412.9	11.9	.0	.00	29.32
18:00	0.008733	0.008797	13.7	14.08	2462682.1	11.8	.0	.00	29.32
19:00	0.008646	0.008691	13.6	13.84	2463297.9	11.6	.6	.02	29.30
20:00	0.008628	0.008648	13.6	13.76	2463510.0	11.5	.2	.01	29.29
21:00	0.008676	0.008715	13.6	13.86	2463255.7	11.6	3.7	.17	29.29
22:00	0.008745	0.008786	13.7	14.00	2462893.4	11.8	.3	.01	29.28
23:00	0.009037	0.009075	14.2	14.48	2461679.5	12.3	.1	.00	29.27
Avg	0.007895	0.008014	12.5	12.83	2466162.2	10.2	.6	.02	29.41
Max	0.009037	0.009075	14.2	14.48	2470919.1	12.3	4.4	.18	29.53
Hr. of Max	23	23	23	23	06	23	05	05	00
Min	0.006921	0.006957	11.0	11.16	2461679.5	8.4	.0	.00	29.27
Count	24	24	24	24	24	23	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

2/14/2018

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	1000.0	255	261	258	264	39.8	20.8	1.2	2.6
01:00	999.5	274	286	278	289	38.1	23.1	1.5	3.3
02:00	999.2	273	288	278	289	32.0	18.1	1.9	3.8
03:00	998.6	264	275	265	276	33.7	20.0	2.6	4.8
04:00	998.2	253	262	253	262	28.2	16.9	2.9	5.2
05:00	998.5	265	265	266	265	22.8	14.0	2.8	5.2
06:00	998.7	262	261	261	261	30.6	16.0	1.9	3.8
07:00	998.4	271	268	275	275	40.4	30.1	1.2	2.6
08:00	998.4	255	273	267	282	37.2	26.5	1.3	2.8
09:00	998.5	256	268	261	269	38.9	21.3	1.6	2.8
10:00	998.4	273	275	273	276	27.5	17.5	3.0	5.4
11:00	997.9	253	262	254	263	38.1	26.5	2.7	4.1
12:00	997.1	251	258	251	259	29.3	22.1	3.0	4.4
13:00	995.6 P	284 P	279 P	286 P	281 P	<	<	1.9 P	3.1 P
14:00	994.6	282	282	283	282	38.2	26.8	2.0	3.1
15:00	994.0	282	282	284	283	26.6	18.5	2.4	4.0
16:00	993.2	270	275	273	278	29.5	19.3	1.7	2.7
17:00	992.9	262	270	263	270	36.2	25.1	1.4	2.8
18:00	992.7	264	275	266	275	28.0	15.3	1.9	3.4
19:00	992.2	252	244	246	243	45.3	38.8	1.1	2.2
20:00	991.9	248	282	253	288	40.2	23.7	1.0	2.1
21:00	991.9	264	265	258	265	52.0	26.0	1.1	2.5
22:00	991.6	274	272	273	273	30.9	12.6	1.2	2.9
23:00	991.2	252	253	251	252	32.2	13.0	1.9	4.3
Avg	996.0	264	270	270	270	34.6	21.4	2.9	2.9
Max	1000.0	284	288	286	289	52.0	38.8	3.0	5.4
Hr. of Max	00	13	02	13	02	21	19	12	10
Min	991.2	248	244	246	243	22.8	12.6	1.0	2.1
Count	24	24	24	24	24	23	23	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

2/14/2018

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	1.7	3.0	.8	1.4	1.3	1.5	-.02	.02	-.01
01:00	2.0	3.6	.9	1.6	-.2	1.9	-.07	.04	-.03
02:00	2.2	3.9	1.0	1.7	.9	3.4	-.06	.11	-.03
03:00	3.0	5.1	1.4	2.3	-.8	2.7	-.20	.10	-.09
04:00	3.2	5.4	1.4	2.4	3.3	1.5	.04	-.02	.02
05:00	3.0	5.3	1.3	2.4	-.4	.8	-.16	-.02	-.07
06:00	2.2	4.0	1.0	1.8	.0	.6	-.12	-.01	-.06
07:00	1.7	3.0	.8	1.3	.4	2.6	-.06	.07	-.02
08:00	1.8	3.1	.8	1.4	.9	3.1	-.01	.12	-.01
09:00	1.9	3.0	.8	1.3	2.1	3.7	-.03	.09	-.01
10:00	3.3	5.6	1.5	2.5	.4	2.0	-.17	.03	-.08
11:00	3.1	4.4	1.4	2.0	2.0	3.9	-.10	.08	-.05
12:00	3.4	4.7	1.5	2.1	2.1	3.1	-.05	.10	-.02
13:00	2.4 P	3.5 P	1.1 P	1.5 P	.6 P	3.9 P	-.10 P	.14 P	-.05 P
14:00	2.4	3.5	1.1	1.5	.8	3.2	-.09	.11	-.04
15:00	2.7	4.1	1.2	1.9	1.2	.4	-.10	-.06	-.05
16:00	1.9	2.9	.8	1.3	2.6	3.1	.00	.10	.00
17:00	1.8	3.1	.8	1.4	2.0	3.2	.00	.12	.00
18:00	2.2	3.6	1.0	1.6	-1.3	-.1	-.12	-.05	-.05
19:00	1.5	2.4	.7	1.1	-2.2	.5	-.07	.00	-.03
20:00	1.5	2.4	.7	1.1	-.8	1.1	-.03	.02	-.01
21:00	1.6	2.7	.7	1.2	-3.1	-1.4	-.09	-.09	-.04
22:00	1.3	3.0	.6	1.3	-3.9	-1.6	-.12	-.09	-.05
23:00	2.2	4.5	1.0	2.0	-2.8	-1.8	-.17	-.16	-.07
Avg	2.3	3.7	1.0	1.7	.2	1.7	-.08	.03	-.04
Max	3.4	5.6	1.5	2.5	3.3	3.9	.04	.14	.02
Hr. of Max	12	10	12	10	04	13	04	13	04
Min	1.3	2.4	.6	1.1	-3.9	-1.8	-.20	-.16	-.09
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	.01		6.3	7.4	17.8	12.8	8.7	8.7
01:00	.02		5.7	7.0	18.2	14.0	8.9	8.9
02:00	.05		6.8	9.3	18.3	14.5	9.1	9.2
03:00	.05		10.9	12.6	20.1	15.0	9.2	9.2
04:00	-.01		9.3	11.4	20.4	13.6	9.3	9.3
05:00	-.01		7.7	9.6	17.5	10.7	8.9	8.8
06:00	-.01		7.7	9.2	20.6	10.9	8.7	8.7
07:00	.03		5.8	7.4	18.4	14.7	8.7	8.7
08:00	.06		8.2	10.7	17.3	15.1	8.8	8.9
09:00	.04		6.2	7.6	23.2	16.9	9.1	9.1
10:00	.02		8.8	11.5	21.9	14.8	9.4	9.3
11:00	.04		10.5	11.9	25.3	21.1	10.2	10.1
12:00	.04		10.7	11.0	21.1	17.3	11.2	11.0
13:00	.06 P		<	<	<	<	11.6 P	11.5 P
14:00	.05		6.0	7.0	22.5	16.5	11.7	11.6
15:00	-.03		7.7	7.8	21.5	14.0	11.9	11.8
16:00	.05		6.0	6.2	20.8	14.6	12.0	11.9
17:00	.05		5.3	7.9	19.1	13.8	12.1	12.0
18:00	-.02		7.9	7.5	17.7	11.3	12.1	12.1
19:00	.00		4.3	5.4	14.7	11.0	12.0	12.0
20:00	.01		3.6	6.4	14.1	11.1	12.0	12.1
21:00	-.04		3.9	5.8	12.7	7.7	12.1	12.2
22:00	-.04		4.4	5.5	14.6	6.2	12.2	12.3
23:00	-.07		6.5	8.8	13.6	5.7	12.9	13.1
Avg	.01		7.0	8.5	18.8	13.2	10.5	10.5
Max	.06		10.9	12.6	25.3	21.1	12.9	13.1
Hr. of Max	13		03	03	11	11	23	23
Min	-.07		3.6	5.4	12.7	5.7	8.7	8.7
Count	24	0	23	23	23	23	24	24
Total								