Date Printed: 05/09/2016 03:34

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

Daily Summary Report

Site: Tower "A" (7900 Area)

5/8/2016

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	DEGC	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	19.9	20.1	67.7	68.2	.3	10.0	50.1	54.1	9.2
01:00	19.6	19.9	67.4	67.7	.2	10.3	50.6	55.9	9.4
02:00	19.0	19.4	66.2	66.9	.4	10.9	51.6	60.4	9.7
03:00	18.0	18.6	64.4	65.5	.6	11.2	52.1	65.5	9.9
04:00	17.7	17.9	63.8	64.3	.3	11.4	52.5	67.7	10.1
05:00	17.5	17.7	63.5	63.9	.2	11.4	52.5	68.6	10.1
06:00	18.1	18.5	64.7	65.2	.3	11.2	52.2	65.0	10.0
07:00	18.0	18.2	64.4	64.8	.2	11.1	51.9	65.1	9.9
08:00	18.2	18.3	64.7	64.9	.1	11.2	52.2	64.9	10.0
09:00	19.5	19.5	67.1	67.0	.0	11.8	53.3	62.2	10.3
10:00	21.5	21.4	70.8	70.6	-.1	11.3	52.3	53.1	9.9
11:00	22.7	22.6	72.9	72.7	-.1	11.6	52.8	50.3	10.1
12:00	23.3	23.1	74.0	73.7	-.2	12.4	54.4	51.4	10.6
13:00	25.0	24.6	77.0	76.3	-.3	13.0	55.4	48.4	11.0
14:00	26.7	26.4	80.0	79.4	-.3	11.9	53.5	41.0	10.2
15:00	27.3	27.0	81.2	80.6	-.3	11.7	53.1	38.8	10.1
16:00	27.6	27.3	81.6	81.1	-.3	10.5	50.9	35.4	9.3
17:00	27.3	27.2	81.2	81.0	-.1	10.0	50.0	34.7	9.0
18:00	27.5	27.4	81.5	81.3	-.1	8.8	47.9	31.8	8.3
19:00	26.0	26.4	78.8	79.4	.3	10.2	50.4	38.2	9.2
20:00	22.6	24.2	72.8	75.5	1.5	13.0	55.5	55.9	11.1
21:00	20.0	22.0	68.0	71.5	2.0	13.4	56.1	67.0	11.4
22:00	18.5	19.9	65.3	67.7	1.3	13.6	56.5	74.4	11.6
23:00	17.5	19.6	63.5	67.4	2.2	14.0	57.1	81.2	11.9
Avg	21.6	22.0	70.9	71.5	.3	11.5	52.7	55.5	10.1
Max	27.6	27.4	81.6	81.3	2.2	14.0	57.1	81.2	11.9
Hr. of Max	16	18	16	18	23	23	23	23	23
Min	17.5	17.7	63.5	63.9	-.3	8.8	47.9	31.8	8.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/8/2016

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	0.00796	0.014724	12.4	23.23	2444126.1	13.3	.0	.00	28.97
01:00	0.008133	0.014541	12.7	22.93	2444625.8	13.4	.0	.00	28.96
02:00	0.008418	0.01394	13.1	22.00	2446211.8	13.6	.0	.00	28.97
03:00	0.008579	0.013111	13.3	20.69	2448541.6	13.4	.0	.00	28.97
04:00	0.008692	0.012836	13.5	20.25	2449332.3	13.5	.0	.00	28.98
05:00	0.008711	0.012698	13.6	20.04	2449736.0	13.4	.0	.00	28.99
06:00	0.008594	0.013216	13.4	20.87	2448191.9	13.5	.0	.00	29.00
07:00	0.008512	0.013074	13.3	20.65	2448596.2	13.4	.0	.00	29.02
08:00	0.008588	0.013236	13.4	20.94	2448082.1	13.5	.0	.00	29.04
09:00	0.008956	0.014388	14.0	22.75	2444930.1	14.4	.0	.00	29.05
10:00	0.008645	0.016296	13.5	25.77	2440153.2	14.7	.0	.00	29.05
11:00	0.00882	0.017533	13.8	27.72	2437299.8	15.3	.0	.00	29.05
12:00	0.00934	0.018171	14.6	28.74	2435883.4	16.1	.0	.00	29.05
13:00	0.009717	0.020081	15.1	31.76	2431976.9	17.0	.0	.00	29.04
14:00	0.009094	0.02221	14.2	35.10	2427934.4	16.8	.0	.00	29.02
15:00	0.008955	0.023074	13.9	36.45	2426396.4	16.9	.0	.00	29.02
16:00	0.008292	0.023427	12.9	37.01	2425782.9	16.2	.0	.00	29.01
17:00	0.008	0.023085	12.5	36.44	2426411.5	15.8	.0	.00	29.00
18:00	0.007416	0.02332	11.6	36.83	2425981.9	15.1	.0	.00	29.00
19:00	0.008109	0.021396	12.6	33.79	2429502.1	15.5	.0	.00	29.01
20:00	0.009729	0.017466	15.1	27.59	2437521.7	16.2	.0	.00	29.02
21:00	0.009939	0.014854	15.5	23.47	2443755.3	15.6	.0	.00	29.03
22:00	0.010037	0.013507	15.6	21.37	2447316.1	15.2	.0	.00	29.05
23:00	0.010281	0.012657	16.0	20.02	2449766.3	15.1	.0	.00	29.05
Avg	0.008813	0.016785	13.7	26.52	2439919.0	14.9	.0	.00	29.01
Max	0.010281	0.023427	16.0	37.01	2449766.3	17.0	.0	.00	29.05
Hr. of Max	23	16	23	16	23	13	23	23	23
Min	0.007416	0.012657	11.6	20.02	2425782.9	13.3	.0	.00	28.96
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/8/2016

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	981.0	240	242	239	242	37.1	22.0	3.0	7.0
01:00	980.8	237	242	242	241	48.3	28.0	2.0	6.3
02:00	981.0	236	246	236	246	44.3	26.0	1.6	4.3
03:00	981.1	256	216	257	217	26.5	13.0	2.3	4.4
04:00	981.5	264	251	264	251	34.8	18.0	2.6	5.1
05:00	981.8	262	235	262	235	34.9	14.0	2.4	6.5
06:00	982.0	241	228	241	229	30.1	13.0	2.8	4.8
07:00	982.7	254	241	253	241	36.0	19.0	2.3	5.3
08:00	983.4	253	216	248	231	63.5	35.4	.4	1.4
09:00	983.6	208	185	197	185	48.1	24.7 M	1.2	1.5
10:00	983.6	214	217	213	219	34.2	22.8	3.8	4.2
11:00	983.6	234	250	232	249	46.8	42.4	3.9	7.4
12:00	983.7	220	226	218	225	39.3	37.3	3.9	6.2
13:00	983.3	184	228	185	237	29.1	30.3	5.1	4.2
14:00	982.8	203	242	204	239	33.5	28.2	6.6	8.4
15:00	982.7	204	228 M	202	228	24.2	25.0	7.1	8.7
16:00	982.4	231	242	228	241	39.2	30.8	5.3	9.0
17:00	982.2	259	257	255	256	55.1	41.9	2.4	5.7
18:00	982.2	233	254	233	254	38.8	30.2	3.4	6.2
19:00	982.3	267	240	252	243	52.7	25.8	1.2	3.0
20:00	982.6	295	238	317	236	49.3	23.0	.5	1.2
21:00	983.0	160	91	292	55	49.6	24.0	.0	.7
22:00	983.6	248	308	248	262	28.4	28.0	.3	.2
23:00	983.9	187	64	180	71	45.6	18.0	.3	.8
Avg	982.5	234	235	238	238	40.4	25.9	3.5	3.5
Max	983.9	295	308	317	262	63.5	42.4	7.1	9.0
Hr. of Max	23	20	22	20	22	08	11	15	16
Min	980.8	160	64	180	55	24.2	13.0	.0	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/8/2016

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	3.5	7.2	1.6	3.3	-3.6	-999.0	-.4	-999.0	-.17
01:00	2.5	6.5	1.1	2.9	-1.9	-999.0	-.3	-999.0	-.11
02:00	2.0	4.4	.9	2.0	-.1	-999.0	-.1	-999.0	-.04
03:00	2.6	4.6	1.2	2.1	-1.9	-999.0	-.1	-999.0	-.06
04:00	3.0	5.1	1.3	2.3	-3.2	-999.0	-.3	-999.0	-.15
05:00	2.8	6.5	1.3	2.9	-4.1	-999.0	-.4	-999.0	-.16
06:00	3.1	5.1	1.4	<	-1.8	<	-.2	<	-.11
07:00	2.9	5.5	1.3	<	-4.1	<	-.4	<	-.16
08:00	1.5	1.8	.7	.8	4.8	<	.1	<	.04
09:00	2.2	1.9	1.0	.8	1.3	<	.0	<	.02
10:00	4.5	4.9	2.0	2.2	.3	<	.0	<	-.01
11:00	5.1	7.9	2.3	3.5	.4	<	-.3	<	-.14
12:00	4.7	6.6	2.1	2.9	2.2	<	.0	<	-.01
13:00	5.6	5.4	2.5	2.4	2.6	2.0	.2	.2	.08
14:00	7.6	9.4	3.4	4.2	2.9	-999.0	.1	<	.05
15:00	7.7	9.3	3.4	4.2	1.5	<	.1	<	.05
16:00	6.7	9.6	3.0	4.3	-.4	<	-.3	<	-.14
17:00	3.6	6.1	1.6	2.7	-.6	<	-.2	<	-.11
18:00	4.0	6.5	1.8	2.9	-2.6	.9	-.3	-.1	-.14
19:00	1.6	3.2	.7	1.4	-1.9	1.3	-.2	.0	-.07
20:00	.7	1.3	.3	.6	-2.8	<	-.1	<	-.02
21:00	.6	.7	.3	.3	-1.7	<	.0	<	-.01
22:00	.8	.8	.4	.4	-1.4	<	.0	<	-.01
23:00	.7	.8 M	.3	.4	.1	<	.0	<	.00
Avg	3.3	5.0	1.5	2.3	-.7	-698.9	-.1	-666.0	-.06
Max	7.7	9.6	3.4	4.3	4.8	2.0	.2	.2	.08
Hr. of Max	15	16	15	16	08	13	13	13	13
Min	.6	.7	.3	.3	-4.1	-999.0	-.4	-999.0	-.17
Count	24	24	24	22	24	10	24	9	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/8/2016

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	-999.00		10.8	17.0	21.9	-999.0	21.2	-999.0
01:00	-999.00		8.1	11.5	25.3	-999.0	21.0	-999.0
02:00	-999.00		6.1	9.0	20.9	-999.0	20.4	-999.0
03:00	-999.00		8.3	12.0	15.3	-999.0	19.5	-999.0
04:00	-999.00		9.5	13.0	20.9	-999.0	19.2	-999.0
05:00	-999.00		7.7	11.4	21.2	-999.0	19.0	-999.0
06:00	<		10.3	11.7	18.4	<	19.6	<
07:00	<		10.1	10.5	21.5	<	19.4	<
08:00	<		5.5	9.2	23.5	<	19.7	<
09:00	<		7.6	8.0	24.6	<	21.0	<
10:00	<		12.7	13.3	23.0	<	22.8	<
11:00	<		16.9	17.6	26.0	<	24.0	<
12:00	<		14.6	15.8	24.0	<	24.6	<
13:00	.08		14.9	17.6	19.8	<	26.0	<
14:00	<		19.5	22.2	20.1	<	27.5	<
15:00	<		16.9	22.7	17.7	<	28.0	<
16:00	<		17.3	29.8	22.4	<	28.4	<
17:00	<		11.5	18.5	26.9	<	28.3	<
18:00	-.06		14.2	15.8 M	23.9	<	28.4	<
19:00	.01		9.2	8.7	17.4	<	27.2	<
20:00	<		1.8	5.3	9.0	<	24.1	<
21:00	<		1.9	2.3	7.4	<	21.6	<
22:00	<		1.8	2.3	8.5	<	20.2	<
23:00	<		1.7	2.3	9.0	<	19.2	<
Avg	-666.00		10.0	12.8	19.5	-999.0	22.9	-999.0
Max	.08		19.5	29.8	26.9	-999.0	28.4	-999.0
Hr. of Max	13		14	16	17	05	18	05
Min	-999.00		1.7	2.3	7.4	-999.0	19.0	-999.0
Count	9	0	24	24	24	6	24	6
Total								