Date Printed: 05/06/2016 09:21

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

Daily Summary Report

Site: Tower "A" (7900 Area)

5/5/2016

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	8.6	8.7	47.5	47.6	.1	8.3	46.9	99.2	8.4
01:00	8.8	8.9	47.9	48.0	.1	8.3	46.9	97.5	8.4
02:00	8.3	8.4	47.0	47.1	.0	7.8	46.0	97.4	8.1
03:00	8.0	8.1	46.5	46.6	.1	7.6	45.7	98.1	8.1
04:00	7.6	7.7	45.7	45.8	.1	7.0	44.7	97.2	7.8
05:00	7.3	7.5	45.1	45.4	.2	6.9	44.3	98.3	7.7
06:00	7.0	7.3	44.7	45.1	.2	6.7	44.0	98.6	7.6
07:00	7.0	7.0	44.6	44.7	.1	6.6	43.8	98.3	7.5
08:00	7.6	7.5	45.6	45.5	-.1	6.2	43.2	92.4	7.4
09:00	8.4	8.3	47.0	47.0	.0	6.0 D	42.8 D	86.0	7.2 D
10:00	8.2	8.2	46.8	46.7	.0	6.3	43.3	88.6	7.4
11:00	8.7	8.6	47.7	47.5	-.1	5.9	42.6	83.6	7.2
12:00	10.2	9.9	50.3	49.9	-.2	5.3	41.5	72.4	6.8
13:00	9.3	9.2	48.7	48.6	.0	5.3	41.5	78.1	6.9
14:00	10.4	10.3	50.8	50.6	-.1	7.7	45.9	84.2	8.1
15:00	10.7	10.6	51.2	51.1	-.1	6.5	43.6	76.3	7.4
16:00	10.8	10.8	51.5	51.4	-.1	4.8	40.6	67.0	6.6
17:00	10.6	10.6	51.0	51.0	.0	4.2	39.5	65.3	6.3
18:00	11.0	10.9	51.7	51.6	-.1	2.7	36.9	57.4	5.7
19:00	10.6	10.7	51.2	51.2	.0	3.3	37.9	61.1	5.9
20:00	9.8	10.1	49.7	50.2	.3	4.1	39.5	68.6	6.3
21:00	8.3	9.0	47.0	48.3	.7	4.9	40.8	79.8	6.7
22:00	8.0	8.6	46.4	47.4	.5	5.0	41.0	82.0	6.7
23:00	7.9	8.6	46.3	47.4	.6	5.1	41.1	83.1	6.8
Avg	8.9	9.0	48.0	48.2	.1	5.9	42.7	83.8	7.2
Max	11.0	10.9	51.7	51.6	.7	8.3	46.9	99.2	8.4
Hr. of Max	18	18	18	18	21	01	01	00	01
Min	7.0	7.0	44.6	44.7	-.2	2.7	36.9	57.4	5.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/5/2016

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	0.007061	0.00712	11.0	11.18	2470866.1	8.4	.0	.00	28.84
01:00	0.007048	0.007225	10.9	11.35	2470349.2	8.5	1.6	.06	28.85
02:00	0.006816	0.006999	10.6	10.98	2471486.9	8.0	.1	.00	28.83
03:00	0.006735	0.006864	10.5	10.77	2472181.4	7.7	.0	.00	28.81
04:00	0.00648	0.006668	10.1	10.46	2473190.8	7.2	.0	.00	28.81
05:00	0.006395	0.006509	9.9	10.21	2474026.4	7.0	.0	.00	28.81
06:00	0.006318	0.006405	9.8	10.05	2474573.5	6.8	.0	.00	28.82
07:00	0.006267	0.006375	9.7	10.01	2474713.5	6.7	.0	.00	28.84
08:00	0.006125	0.006633	9.5	10.42	2473329.3	6.7	.0	.00	28.85
09:00	0.006027 D	0.007006 D	9.4 D	11.00 D	2471420.5	6.8 D	.2	.01	28.85
10:00	0.006141	0.006933	9.6	10.88	2471803.9	6.9	.1	.00	28.86
11:00	0.005989	0.007168	9.3	11.26	2470628.5	6.8	.0	.00	28.86
12:00	0.005729	0.007916	8.9	12.44	2467123.3	6.9	.0	.00	28.85
13:00	0.005753	0.007493	9.0	11.77	2469276.4	6.6	6.8	.27	28.85
14:00	0.006783	0.00806	10.5	12.67	2466485.5	8.6	.1	.00	28.85
15:00	0.006237	0.008183	9.7	12.86	2465938.3	7.9	.2	.01	28.87
16:00	0.005535	0.008267	8.6	13.01	2465530.2	6.8	.0	.00	28.88
17:00	0.0053	0.00812	8.3	12.78	2466149.8	6.3	.0	.00	28.90
18:00	0.004777	0.008323	7.5	13.11	2465257.3	5.5	.0	.00	28.92
19:00	0.004982	0.008154	7.8	12.84	2465999.1	5.7	.0	.00	28.93
20:00	0.005278	0.007705	8.2	12.15	2467964.0	6.0	.0	.00	28.94
21:00	0.00555	0.006963	8.7	10.98	2471520.4	6.0	.0	.00	28.96
22:00	0.005587	0.006822	8.7	10.76	2472216.3	6.0	.0	.00	28.96
23:00	0.005625	0.006773	8.8	10.68	2472467.0	6.0	.0	.00	28.96
Avg	0.006022	0.007279	9.4	11.44	2470187.4	6.9	.4	.01	28.87
Max	0.007061	0.008323	11.0	13.11	2474713.5	8.6	6.8	.27	28.96
Hr. of Max	00	18	00	18	07	14	13	13	23
Min	0.004777	0.006375	7.5	10.01	2465257.3	5.5	.0	.00	28.81
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/5/2016

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	976.8	245	251	242	251	31.2	24.1	2.2	3.7
01:00	976.9	23	15	346	344	50.0	48.0	.8	1.7
02:00	976.2	245	252	240	253	45.7	38.3	1.5	2.5
03:00	975.7	239	259	239	260	26.0	18.7	3.0	4.3
04:00	975.6	232	246	233	249	30.2	22.7	2.1	3.4
05:00	975.6	232	234	231	233	19.5	9.4	2.5	4.4
06:00	975.9	237	236	236	236	20.8	11.7	2.7	4.7
07:00	976.4	233	239	231	240	29.4	17.4	2.0	3.5
08:00	976.9	225	235	225	235	30.8	20.5	2.4	3.7
09:00	977.1	256	271	256	273	37.6	26.1	3.0	5.3
10:00	977.3	236	255	238	255	35.3	25.7	2.2	3.2
11:00	977.2	245	262	247	265	45.4	34.2	1.9	2.8
12:00	977.1	227	241	222	242	45.7	35.3	3.0	4.0
13:00	977.1	269	278	275	284	61.2	39.9	2.6	4.6
14:00	977.1	284	290	284	290	51.1	29.9	2.9	4.5
15:00	977.6	314	319	315	325	46.5	38.6	3.7	4.3
16:00	978.1	316	319	315	319	39.2	29.0	4.7	6.7
17:00	978.6	306	316	307	313	38.3	31.7	4.0	5.6
18:00	979.2	310	316	312	318	42.1	30.5	4.6	6.5
19:00	979.7	298	307	297	307	42.9	31.4	2.9	4.6
20:00	980.1	288	305	291	308	34.9	28.6	2.0	3.6
21:00	980.6	247	247	243	247	50.0	25.0	1.0	2.7
22:00	980.7	240	241	242	240	27.2	11.0	1.9	3.8
23:00	980.7	248	247	249	247	31.7	13.4	2.0	4.3
Avg	977.7	261	270	248	248	38.0	26.7	2.7	2.7
Max	980.7	316	319	346	344	61.2	48.0	4.7	6.7
Hr. of Max	23	16	16	01	01	13	01	16	16
Min	975.6	23	15	222	233	19.5	9.4	.8	1.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/5/2016

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	2.6	4.0	1.2	1.8	-3.7	-2.3 +	-.2	-.2 +	-.10
01:00	3.3	4.3	1.5	1.9	-4.4	-6.5 +	-.3	-.6 +	-.15
02:00	1.8	2.8	.8	1.3	.3	-1.8 +	-.1	-.1 +	-.04
03:00	3.2	4.5	1.4	2.0	-5.6	-3.4 +	-.4	-.3 +	-.19
04:00	2.5	3.7	1.1	1.6	-2.5	-1.9 +	-.2	-.2 +	-.08
05:00	2.6	4.5	1.2	2.0	-2.6	.1	-.1	.0	-.06
06:00	2.9	4.8	1.3	2.2	-2.9	.3	-.2	.0	-.09
07:00	2.3	3.7	1.0	1.6	-1.2	.5 +	-.1	.0 +	-.04
08:00	2.8	3.9	1.2	1.8	.5	.9 +	-.1	.0 +	-.04
09:00	3.6	5.7	1.6	2.6	-.5 D	-.1 D	-.3 D	-.2 D	-.12 D
10:00	2.5	3.5	1.1	1.6	-4.3	-.3	-.3	-.1	-.14
11:00	2.5	3.2	1.1	1.4	-.9	-.3	-.2	-.1	-.07
12:00	4.0	4.9	1.8	2.2	2.1	3.2	.1	.2	.04
13:00	4.3	5.7	1.9	2.6	-5.2	-4.9	-.4	-.4	-.18
14:00	3.9	5.0	1.7	2.2	-2.6	-3.1	-.4	-.5	-.19
15:00	4.6	5.8	2.1	2.6	-1.3	-2.6	-.5	-.6	-.23
16:00	5.7	7.6	2.6	3.4	-4.5	-1.9	-.7	-.6	-.33
17:00	4.7	6.3	2.1	2.8	-6.1	-2.0	-.7	-.5	-.32
18:00	5.4	7.1	2.4	3.2	-4.9	-2.4	-.8	-.6	-.36
19:00	3.7	5.1	1.6	2.3	-5.9	-4.1	-.6	-.6	-.26
20:00	2.6	4.0	1.2	1.8	-4.1	-2.6	-.3	-.3	-.11
21:00	1.9	2.9	.9	1.3	.7	2.6	.0	.1	.01
22:00	2.1	3.9	1.0	1.7	-2.2	-.1	-.1	.0	-.05
23:00	2.3	4.4	1.0	2.0	-2.2	-.9	-.1	-.1	-.07
Avg	3.2	4.6	1.5	2.1	-2.7	-1.4	-.3	-.2	-.13
Max	5.7	7.6	2.6	3.4	2.1	3.2	.1	.2	.04
Hr. of Max	16	16	16	16	12	12	12	12	12
Min	1.8	2.8	.8	1.3	-6.1	-6.5	-.8	-.6	-.36
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/5/2016

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	-.09 +		8.6	10.8	16.6	12.2	9.9	9.1
01:00	-.26 +		11.1	15.1	21.6	20.9	10.1	9.3
02:00	-.04 +		5.5	7.2	19.3	16.4	9.6	8.8
03:00	-.15 +		8.9	9.4	16.2	12.4	9.3	8.5
04:00	-.08 +		9.2	9.6	17.4	14.4	8.8	8.1
05:00	.00		5.6	7.2	12.4	7.5	8.5	7.9
06:00	.00		6.1	7.9	13.0	7.9	8.3	7.7
07:00	-.01 +		5.6	7.5	19.0	12.4	8.1	7.4
08:00	.00 +		7.7	8.0	21.8	16.0	8.7	7.7
09:00	-.09 D		10.3	11.9	24.8	17.2	9.5	8.6
10:00	-.06		6.6	7.4	22.2	18.2	9.4	8.5
11:00	-.06		6.9	7.1	24.4	21.5	9.9	8.9
12:00	.09		13.0	12.7	25.5	21.6	11.2	10.1
13:00	-.18		22.1	25.7	28.4	22.9	10.3	9.5
14:00	-.21		12.5	13.5	27.3	18.9	11.7	10.6
15:00	-.25		18.8	16.4	27.1	23.4	11.8	10.9
16:00	-.27		19.3	18.6	22.5	20.4	11.9	10.9
17:00	-.22		14.0	19.5	23.0	20.2	11.7	10.7
18:00	-.29		18.5	20.9	22.4	21.0	11.9	11.0
19:00	-.25		12.1	13.0	24.5	20.4	11.7	10.8
20:00	-.11		10.9	14.2	19.4	17.5	10.9	10.3
21:00	.04		5.1	7.7	17.3	15.0	9.5	9.3
22:00	-.01		5.3	7.4	10.4	6.9	9.2	8.9
23:00	-.04		5.4	8.0	11.2	6.0	9.1	8.9
Avg	-.11		10.4	11.9	20.3	16.3	10.0	9.3
Max	.09		22.1	25.7	28.4	23.4	11.9	11.0
Hr. of Max	12		13	13	13	15	18	18
Min	-.29		5.1	7.1	10.4	6.0	8.1	7.4
Count	24	0	24	24	24	24	24	24
Total								