Date Printed: 06/10/2016 10:07

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

Daily Summary Report

Site: Tower "A" (7900 Area)

6/8/2016

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	15.7	17.1	60.3	62.9	1.4	12.1	53.8	80.5	10.7
01:00	14.9	16.4	58.7	61.5	1.5	12.4	54.3	86.5	10.8
02:00	14.7	16.7	58.5	62.0	1.9	12.0	53.6	85.3	10.6
03:00	13.7	15.6	56.7	60.1	1.9	11.9	53.4	90.1	10.5
04:00	13.1	14.4	55.7	57.9	1.2	11.8	53.2	92.9	10.5
05:00	12.6	13.6	54.6	56.5	1.0	11.7	53.0	95.6	10.4
06:00	12.1	12.7	53.8	54.9	.6	11.4	52.5	96.4	10.2
07:00	13.1	13.4	55.6	56.2	.3	9.8	49.7	81.7	9.2
08:00	16.0	15.8	60.7	60.4	-.2	10.3	50.5	70.2	9.4
09:00	19.4	19.2	67.0	66.6	-.2	9.4	49.0	53.7	8.8
10:00	21.5	21.2	70.6	70.1	-.3	7.8	46.0	42.2	7.9
11:00	22.2	22.0	71.9	71.5	-.2	7.8	46.0	40.4	7.9
12:00	23.1	22.9	73.6	73.2	-.2	8.5	47.3	40.2	8.2
13:00	24.2	23.9	75.5	75.0	-.2	8.6	47.5	38.0	8.3
14:00	24.7	24.4	76.5	75.9	-.3	8.5	47.2	36.4	8.2
15:00	25.4	25.1	77.7	77.2	-.3	8.9	48.0	36.0	8.4
16:00	25.7	25.5	78.2	77.9	-.2	8.2	46.8	33.8	8.0
17:00	25.9	25.7	78.6	78.2	-.2	8.1	46.6	33.3	8.0
18:00	25.5	25.4	77.9	77.8	-.1	7.9	46.3	33.5	7.9
19:00	25.0	25.1	77.0	77.1	.1	8.2	46.8	35.3	8.0
20:00	22.7	24.0	72.8	75.2	1.3	9.8	49.6	45.4	9.0
21:00	19.8	21.7	67.7	71.0	1.9	11.4	52.4	59.2	10.0
22:00	18.6	20.2	65.5	68.3	1.6	10.7	51.3	61.2	9.6
23:00	18.7	19.5	65.6	67.2	.9	11.7	53.0	64.9	10.3
Avg	19.5	20.1	67.1	68.1	.6	10.0	49.9	59.7	9.2
Max	25.9	25.7	78.6	78.2	1.9	12.4	54.3	96.4	10.8
Hr. of Max	17	17	17	17	21	01	01	06	01
Min	12.1	12.7	53.8	54.9	-.3	7.8	46.0	33.3	7.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

6/8/2016

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	0.009137	0.011363	14.2	17.92	2453914.1	13.3	.0	.00	28.96
01:00	0.009278	0.010731	14.4	16.93	2456004.3	13.2	.0	.00	28.97
02:00	0.009062	0.010644	14.1	16.80	2456323.1	12.9	.0	.00	28.98
03:00	0.00896	0.009948	13.9	15.70	2458749.0	12.5	.0	.00	28.98
04:00	0.008912	0.009594	13.9	15.14	2460065.2	12.2	.0	.00	28.99
05:00	0.008818	0.009221	13.7	14.58	2461440.9	12.0	.0	.00	29.01
06:00	0.008624	0.008946	13.4	14.17	2462467.4	11.6	.0	.00	29.03
07:00	0.007794	0.009555	12.2	15.12	2460139.4	10.9	.0	.00	29.05
08:00	0.008052	0.011503	12.6	18.20	2453379.5	12.2	.0	.00	29.06
09:00	0.00764	0.014332	11.9	22.68	2445104.8	12.8	.0	.00	29.07
10:00	0.006837	0.016206	10.7	25.65	2440324.3	12.3	.0	.00	29.07
11:00	0.006843	0.016933	10.7	26.80	2438615.3	12.6	.0	.00	29.07
12:00	0.00719	0.017898	11.2	28.32	2436460.9	13.4	.0	.00	29.07
13:00	0.007266	0.019095	11.4	30.21	2433915.9	13.8	.0	.00	29.06
14:00	0.007193	0.019742	11.2	31.21	2432626.5	13.9	.0	.00	29.04
15:00	0.007401	0.02056	11.6	32.51	2431006.5	14.4	.0	.00	29.03
16:00	0.007078	0.020923	11.1	33.08	2430304.0	14.0	.0	.00	29.02
17:00	0.007042	0.021162	11.0	33.45	2429860.0	14.0	.0	.00	29.02
18:00	0.006942	0.020731	10.8	32.78	2430670.5	13.8	.0	.00	29.01
19:00	0.007087	0.020069	11.1	31.73	2431973.0	13.8	.0	.00	29.03
20:00	0.007851	0.017502	12.3	27.68	2437462.7	14.1	.0	.00	29.05
21:00	0.008672	0.014674	13.5	23.21	2444176.9	14.2	.0	.00	29.05
22:00	0.008304	0.013565	13.0	21.48	2447123.7	13.4	.0	.00	29.07
23:00	0.008845	0.013628	13.8	21.59	2446923.0	14.0	.0	.00	29.08
Avg	0.007951	0.014939	12.4	23.62	2444959.6	13.1	.0	.00	29.03
Max	0.009278	0.021162	14.4	33.45	2462467.4	14.4	.0	.00	29.08
Hr. of Max	01	17	01	17	06	15	23	23	23
Min	0.006837	0.008946	10.7	14.17	2429860.0	10.9	.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)

6/8/2016

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	980.8	263	276	278	273	71.1	28.1	.3	1.6
01:00	981.0	210	293	223	289	58.2	19.6	.3	1.6
02:00	981.2	249	295	263	287	66.3	22.2	.6	2.1
03:00	981.4	259	261	254	262	52.5	10.3	.7	3.1
04:00	981.7	258	268	259	269	43.1	8.9	.9	3.6
05:00	982.3	239	271	238	270	32.9	10.4	.8	3.4
06:00	983.2	242	280	237	276	49.2	15.1	.5	2.4
07:00	983.7	190	257	191	257	51.8	21.3	.5	1.4
08:00	984.1	136	172	140	170	38.3	37.6	1.3	1.2
09:00	984.3	93	100	105	113	71.8	76.3	.7	.6
10:00	984.5	77	51	22	10	63.5	65.9	.9	1.3
11:00	984.5	1	2	2	2	53.2	46.4	2.3	3.0
12:00	984.3	302	298	304	300	58.0	45.1	2.3	3.7
13:00	983.9	244	264	249	266	60.1	53.2	1.6	2.9
14:00	983.4	266	287	266	279	51.3	40.8	1.4	2.3
15:00	983.0	271	280	269	280	51.3	51.8	1.7	2.8
16:00	982.8	321	319	322	319	62.3	56.0	2.3	3.1
17:00	982.6	272	279	273	279	49.1	33.1	3.3	5.3
18:00	982.5	291	292	294	293	41.1	26.3	3.4	5.8
19:00	983.1	313	311	311	310	35.6	22.9	3.0	4.5
20:00	983.6	342	343	340	336	18.7	17.5	1.8	2.7
21:00	983.9	8	5	10	355	42.9	49.5	.8	.9
22:00	984.4	40	71	44	71	20.8	11.6	1.6	2.4
23:00	984.9	65	81	66	82	12.0	6.7	2.0	3.8
Avg	983.1	281	300	281	281	48.1	32.4	.8	.8
Max	984.9	342	343	340	355	71.8	76.3	3.4	5.8
Hr. of Max	23	20	20	20	21	09	09	18	18
Min	980.8	1	2	2	2	12.0	6.7	.3	.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

6/8/2016

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	.9	1.8	.4	.8	-2.2	2.7	.0	.1	-.01
01:00	.6	1.8	.3	.8	-.5	2.5	.0	.1	.00
02:00	1.0	2.3	.4	1.0	.1	2.2	.0	.1	.01
03:00	1.0	3.1	.5	1.4	.3	2.4	.0	.1	.01
04:00	1.2	3.6	.5	1.6	1.5	3.0	.0	.2	.01
05:00	.9	3.5	.4	1.5	.8	2.7	.0	.1	.01
06:00	.8	2.5	.4	1.1	-.7	2.2	.0	.1	-.01
07:00	.8	1.5	.4	.7	4.6	4.5	.1	.1	.04
08:00	1.6	1.5	.7	.7	6.3	2.7	.2	.1	.08
09:00	1.7	1.6	.7	.7	5.4	12.4	.2	.6	.11
10:00	3.0	3.4	1.4	1.5	2.8	8.3	.1	.4	.03
11:00	4.1	4.8	1.8	2.1	.2	1.3	-.2	.0	-.07
12:00	4.6	5.5	2.1	2.5	.1	3.8	-.3	.1	-.13
13:00	3.9	4.7	1.7	2.1	.8	2.2	-.1	.1	-.03
14:00	4.6	5.4	2.1	2.4	-2.5	-2.1	-.4	-.3	-.16
15:00	4.4	5.4	2.0	2.4	-1.3	-1.0	-.2	-.2	-.11
16:00	3.8	4.6	1.7	2.1	-5.9	-7.0	-.5	-.7	-.24
17:00	4.2	6.1	1.9	2.7	-1.5	.1	-.3	-.2	-.12
18:00	4.3	6.4	1.9	2.9	-3.0	-1.9	-.4	-.4	-.20
19:00	3.4	4.9	1.5	2.2	-2.1	-1.7	-.3	-.3	-.14
20:00	2.0	3.0	.9	1.3	.3	.7	.0	.0	-.01
21:00	1.0	1.2	.5	.5	-2.6	4.5	-.1	.1	-.02
22:00	1.8	2.5	.8	1.1	-.9	3.2	.0	.1	-.01
23:00	2.1	3.9	1.0	1.7	-.2	2.4	.0	.2	.00
Avg	2.4	3.5	1.1	1.6	.0	2.1	-.1	.0	-.04
Max	4.6	6.4	2.1	2.9	6.3	12.4	.2	.6	.11
Hr. of Max	14	18	14	18	08	09	09	09	09
Min	.6	1.2	.3	.5	-5.9	-7.0	-.5	-.7	-.24
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

6/8/2016

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	.03		3.4	5.2	12.3	10.4	17.3	18.1
01:00	.04		2.0	3.7	11.0	8.0	16.5	17.4
02:00	.05		3.3	5.3	12.9	10.1	16.3	17.6
03:00	.06		2.5	4.7	11.5	6.0	15.3	16.6
04:00	.08		3.8	5.8	13.0	5.7	14.7	15.4
05:00	.06		2.6	5.6	15.5	5.5	14.1	14.6
06:00	.03		3.0	5.3	14.4	7.4	13.7	13.7
07:00	.05		2.7	3.2	20.8	14.2	14.7	14.4
08:00	.04		3.7	3.4	28.9	27.2	17.4	16.7
09:00	.27		5.8	6.1	33.2	37.2	20.8	20.2
10:00	.19		11.6	12.9	29.3	31.0	22.5	21.7
11:00	.00		14.7	13.1	27.2	25.9	23.2	22.4
12:00	.03		14.1	16.6	25.2	24.8	24.1	23.3
13:00	.03		11.6	15.6	26.2	25.8	25.1	24.3
14:00	-.15		12.2	12.0	22.5	21.7	25.5	24.7
15:00	-.09		13.5	16.8	23.0	22.8	26.2	25.4
16:00	-.31		11.5	14.2	26.4	25.9	26.6	25.9
17:00	-.07		16.8	17.1	28.2	22.5	26.8	26.0
18:00	-.19		12.0	14.9	23.8	17.4	26.5	25.8
19:00	-.15		10.0	11.3	21.6	17.1	26.1	25.5
20:00	-.02		7.2	8.2	13.8	12.0	23.9	24.5
21:00	.05		3.2	3.9	14.6	20.9	21.2	22.4
22:00	.06		3.8	4.4	7.9	5.5	20.1	20.9
23:00	.07		4.2	6.0	5.8	4.3	20.2	20.4
Avg	.01		7.5	9.0	19.5	17.1	20.8	20.7
Max	.27		16.8	17.1	33.2	37.2	26.8	26.0
Hr. of Max	09		17	17	09	09	17	17
Min	-.31		2.0	3.2	5.8	4.3	13.7	13.7
Count	24	0	24	24	24	24	24	24
Total								