Date Printed: 05/03/2016 09:36

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

Daily Summary Report

Site: Tower "A" (7900 Area)

5/2/2016

Interval: 001h

	01_TempC_010m	02_TempC_030m	03_TempF_010m	04_TempF_030m	05_VT Grad	06_DewPtC_010m	07_DewPtF_010m	08_RH_010m	09_AbsHum_010m
Hour	DEGC	DEGC	DEGC	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	19.6	19.9	67.2	67.8	.3	18.1	64.5	93.1	15.4
01:00	18.4	19.0	65.1	66.2	.6	17.9	64.2	99.1	15.3
02:00	18.2	18.6	64.7	65.4	.4	17.8	64.1	99.8	15.2
03:00	17.7	18.1	63.9	64.6	.4	17.4	63.3	99.8	14.8
04:00	17.8	18.1	64.1	64.5	.2	17.5	63.4	99.9	14.9
05:00	17.5	17.9	63.5	64.2	.4	17.1	62.8	99.9	14.6
06:00	17.2	17.5	62.9	63.5	.3	16.8	62.3	99.9	14.4
07:00	17.1	17.5	62.7	63.6	.5	16.7	62.1	99.9	14.3
08:00	17.7	17.8	63.9	64.0	.1	17.2	63.0	98.8	14.7
09:00	18.6	18.5	65.4	65.3	-.1	15.9	60.6	86.3	13.5
10:00	19.9	19.8	67.8	67.6	-.1	15.2	59.4	75.9	12.8
11:00	21.5	21.3	70.6	70.3	-.2	15.4	59.7	69.9	12.9
12:00	22.8	22.6	73.1	72.7	-.2	15.4	59.8	64.4	12.9
13:00	23.0	22.8	73.5	73.1	-.2	16.6	61.8	68.5	13.9
14:00	23.6	23.3	74.4	74.0	-.3	16.5	61.7	66.1	14.0
15:00	23.2	23.3	73.7	73.9	.1	17.1	62.9	70.5	14.4
16:00	19.7	19.7	67.5	67.4	.1	18.1	64.6	92.5	15.4
17:00	17.3	17.4	63.2	63.4	.1	17.3	63.2	96.4	14.8
18:00	17.1	17.1	62.7	62.8	.1	16.7	62.0	99.6	14.2
19:00	17.1	-999.0	62.7	-999.0	-999.0	16.7	62.0	99.4	14.2
20:00	16.1	-999.0	61.0	-999.0	-999.0	15.8	60.4	99.5	13.5
21:00	15.8	-999.0	60.4	-999.0	-999.0	15.4	59.7	99.5	13.2
22:00	15.4	-999.0	59.8	-999.0	-999.0	15.1	59.1	99.6	12.9
23:00	15.4	-999.0	59.7	-999.0	-999.0	15.1	59.1	99.6	12.9
Avg	18.7	-192.7	65.6	-155.0	-208.0	16.6	61.9	90.7	14.1
Max	23.6	23.3	74.4	74.0	.6	18.1	64.6	99.9	15.4
Hr. of Max	14	15	14	14	01	16	16	07	16
Min	15.4	-999.0	59.7	-999.0	-999.0	15.1	59.1	64.4	12.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/2/2016

Interval: 001h

	10_MixRatio_010m	1_Sat Mix Ratio_010	12_VaporPr_010m	3_Sat Vapor_Pr_010	14_LHV_010m	14a_WetBulbC	15_Precip_mm	16_Precip_In	17_BarPres_In
Hour	COUNT	COUNT	KPa	KPa	None	DEGC	MM	INCHES	INHG
00:00	0.013432	0.014429	20.8	22.82	2444808.2	18.6	.0	.00	29.05
01:00	0.013262	0.013384	20.5	21.17	2447660.3	18.0	.0	.00	29.05
02:00	0.013208	0.013231	20.5	20.92	2448097.9	17.9	.0	.00	29.05
03:00	0.012847	0.012868	19.9	20.36	2449139.7	17.5	.0	.00	29.05
04:00	0.012903	0.012921	20.0	20.44	2448972.3	17.6	.0	.00	29.06
05:00	0.012626	0.012642	19.6	20.01	2449785.0	17.2	.0	.00	29.07
06:00	0.012392	0.012408	19.2	19.64	2450474.2	17.0	.0	.00	29.08
07:00	0.012303	0.01232	19.1	19.51	2450735.6	16.9	.0	.00	29.09
08:00	0.012675	0.012838	19.7	20.34	2449172.3	17.4	.0	.00	29.10
09:00	0.011662	0.013526	18.1	21.43	2447203.9	16.8	.0	.00	29.10
10:00	0.011149	0.014705	17.3	23.28	2444054.0	16.8	.0	.00	29.08
11:00	0.011321	0.016211	17.6	25.66	2440307.3	17.4	.0	.00	29.07
12:00	0.01136	0.017635	17.7	27.90	2437044.8	17.9	.0	.00	29.06
13:00	0.012225	0.017853	19.0	28.24	2436571.6	18.7	.0	.00	29.05
14:00	0.012378	0.018717	19.2	29.58	2435281.8	18.9	.0	.00	29.03
15:00	0.012705	0.01806	19.7	28.52	2436204.2	19.2	.0	.00	29.00
16:00	0.013495	0.014622	20.9	23.08	2444438.3	18.6	9.1	.36	29.00
17:00	0.0128	0.0135	19.7	21.00	2447000.0	17.6	5.6	.22	28.98
18:00	0.012306	0.012361	19.0	19.50	2450752.3	16.8	.6	.02	28.97
19:00	0.01229	0.012359	19.0	19.51	2450724.0	16.8	.0	.00	29.00
20:00	0.011584	0.011638	18.0	18.38	2452958.0	15.9	.0	.00	29.01
21:00	0.011308	0.011363	17.5	17.95	2453835.2	15.5	.0	.00	29.01
22:00	0.011068	0.011115	17.2	17.55	2454663.4	15.2	.0	.00	29.00
23:00	0.01107	0.011115	17.2	17.55	2454666.0	15.2	.0	.00	29.00
Avg	0.012265	0.013826	19.0	21.85	2446856.3	17.3	.6	.03	29.04
Max	0.013495	0.018717	20.9	29.58	2454666.0	19.2	9.1	.36	29.10
Hr. of Max	16	14	16	14	23	15	16	16	09
Min	0.011068	0.011115	17.2	17.55	2435281.8	15.2	.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)

5/2/2016

Interval: 001h

	18_BarPres_Mb	21_WDir_010m	22_WDir_030m	23_VWDir_010m	24_VWDir_030m	25_Sigma_010m	26_Sigma_030m	27_RWSpd_010m	28_RWSpd_030m
Hour	KPa	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH
00:00	983.9	266	251	264	249	29.8	11.9	1.7	3.3
01:00	983.9	208	258	207	259	36.1	17.3	1.0	2.6
02:00	983.7	255	244	256	244	34.1	12.7	1.4	3.2
03:00	983.9	246	239	247	237	40.3	12.7	1.4	3.3
04:00	984.2	270	245	267	241	27.0	13.7	1.4	2.9
05:00	984.4	272	262	271	262	29.5	10.7	1.4	2.9
06:00	984.7	272	245	270	244	27.4	10.1	1.0	2.3
07:00	985.0	342	260	345	254	33.8	27.2	.7	1.0
08:00	985.4	195	201	201	218	35.4	30.9	.8	.9
09:00	985.4	243	231	238	233	40.8	26.6	1.4	1.8
10:00	984.9	275	272	278	276	49.7	34.7	1.7	2.3
11:00	984.6	228	239	228	239	46.5	33.1	2.5	2.9
12:00	984.1	215	215	209	212	36.5	30.8	4.5	5.3
13:00	983.8	217	219	211	217	36.8	29.1	4.1	5.0
14:00	983.0	189	189	183	177	40.1	41.8	3.2	1.6
15:00	982.2	-999	-999	-999	-999	-999.0	-999.0	-999.0	-999.0
16:00	982.0	-999	-999	-999	-999	-999.0	-999.0	-999.0	-999.0
17:00	981.5	-999	-999	-999	-999	-999.0	-999.0	-999.0	-999.0
18:00	981.1	-999	-999	-999	-999	-999.0	-999.0	-999.0	-999.0
19:00	982.0	-999	-999	-999	-999	-999.0	-999.0	-999.0	-999.0
20:00	982.3	-999	-999	-999	-999	-999.0	-999.0	-999.0	-999.0
21:00	982.4	-999	-999	-999	-999	-999.0	-999.0	-999.0	-999.0
22:00	982.1	-999	-999	-999	-999	-999.0	-999.0	-999.0	-999.0
23:00	982.1	-999	-999	-999	-999	-999.0	-999.0	-999.0	-999.0
Avg	983.4	208	207	249	249	-352.0	-360.3	1.8	1.8
Max	985.4	342	272	345	276	49.7	41.8	4.5	5.3
Hr. of Max	09	07	10	07	10	10	14	12	12
Min	981.1	-999	-999	-999	-999	-999.0	-999.0	-999.0	-999.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/2/2016

Interval: 001h

	29_WSpd_010m	30_WSpd_030m	31_WSpdms_010m	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	1.9	3.4	.9	1.5	-2.4		-.1		-.06
01:00	1.2	2.8	.5	1.2	2.6		.1		.02
02:00	1.7	3.2	.8	1.5	-2.8		-.1		-.06
03:00	1.7	3.4	.7	1.5	-.6		.0		-.02
04:00	1.8	3.1	.8	1.4	-1.7		-.1		-.04
05:00	1.7	3.0	.7	1.3	-4.0		-.1		-.07
06:00	1.1	2.3	.5	1.0	-2.1		-.1		-.02
07:00	1.1	1.3	.5	.6	-1.6		.0		-.02
08:00	1.1	1.0	.5	.5	.4		.0		.00
09:00	1.9	2.1	.9	.9	-2.4		-.1		-.06
10:00	2.5	2.7	1.1	1.2	-5.2		-.3		-.14
11:00	3.1	3.4	1.4	1.5	2.0		.0		-.02
12:00	5.3	6.0	2.4	2.7	.3		.0		-.01
13:00	4.8	5.5	2.1	2.5	2.1		.0		.00
14:00	3.7	1.8	1.6	.8	5.8		.3		.12
15:00	-999.0	-999.0	-999.0	-999.0	-999.0		-999.0		-999.00
16:00	-999.0	-999.0	-999.0	-999.0	-999.0		-999.0		-999.00
17:00	-999.0	-999.0	-999.0	-999.0	-999.0		-999.0		-999.00
18:00	-999.0	-999.0	-999.0	-999.0	-999.0		-999.0		-999.00
19:00	-999.0	-999.0	-999.0	-999.0	-999.0		-999.0		-999.00
20:00	-999.0	-999.0	-999.0	-999.0	-999.0		-999.0		-999.00
21:00	-999.0	-999.0	-999.0	-999.0	-999.0		-999.0		-999.00
22:00	-999.0	-999.0	-999.0	-999.0	-999.0		-999.0		-999.00
23:00	-999.0	-999.0	-999.0	-999.0	-999.0		-999.0		-999.00
Avg	-373.2	-372.8	-374.0	-373.8	-375.0		-374.6		-374.64
Max	5.3	6.0	2.4	2.7	5.8		.3		.12
Hr. of Max	12	12	12	12	14		14		14
Min	-999.0	-999.0	-999.0	-999.0	-999.0		-999.0		-999.00
Count	24	24	24	24	24	0	24	0	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/2/2016

Interval: 001h

	38_VSSpdms_030m	40_PkWsQ_010m	42_PkWsH_010m	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			6.5	8.5	15.5		21.7	
01:00			3.4	6.0	17.1		20.6	
02:00			4.7	6.6	13.7		20.4	
03:00			8.5	9.8	16.9		19.9	
04:00			6.1	7.3	14.3		20.0	
05:00			3.7	4.4	11.2		19.6	
06:00			3.1	4.6	13.6		19.2	
07:00			2.6	3.0	8.4		19.1	
08:00			2.9	3.2	18.3		19.6	
09:00			8.5	7.1	24.3		20.4	
10:00			6.8	6.0	27.1		21.7	
11:00			9.3	8.5	27.0		23.1	
12:00			14.2	13.7	21.4		24.3	
13:00			13.5	13.3	20.1		24.7	
14:00			10.0	13.5	16.2		25.6	
15:00			14.0	-999.0	21.9		25.1	
16:00			15.0	-999.0	18.4		21.8	
17:00			-999.0	-999.0	20.0		19.1	
18:00			-999.0	-999.0	23.1		18.9	
19:00			-999.0	-999.0	21.2		18.9	
20:00			-999.0	-999.0	19.4		17.9	
21:00			-999.0	-999.0	15.8		17.2	
22:00			-999.0	-999.0	12.9		16.8	
23:00			-999.0	-999.0	10.5		16.9	
Avg			-285.8	-369.8	17.8		20.5	
Max			15.0	13.7	27.1		25.6	
Hr. of Max			16	12	10		14	
Min			-999.0	-999.0	8.4		16.8	
Count	0	0	24	24	24	0	24	0
Total								