Date Printed: 05/07/2016 06:04

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

Daily Summary Report

Site: Tower "A" (7900 Area)

5/6/2016

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	8.2	8.7	46.7	47.6	.5	5.0	41.1	81.5	6.8
01:00	6.8	7.5	44.3	45.6	.7	5.8	42.4	93.9	7.1
02:00	6.6	7.4	44.0	45.3	.7	6.0	42.8	96.7	7.3
03:00	6.6	7.2	43.9	44.9	.6	6.0	42.9	97.1	7.3
04:00	5.8	6.5	42.5	43.6	.6	5.4	41.8	98.1	7.0
05:00	5.3	6.3	41.5	43.3	1.0	5.0	40.9	98.6	6.8
06:00	4.7	5.7	40.5	42.2	.9	4.4	40.0	98.7	6.5
07:00	5.2	5.6	41.3	42.1	.4	4.9	40.8	98.9	6.7
08:00	7.9	7.8	46.1	46.0	-.1	4.7	40.5	81.5	6.6
09:00	10.9	10.7	51.6	51.3	-.2	5.9	42.7	72.3	7.1
10:00	13.6	13.4	56.5	56.2	-.2	6.0	42.8	60.9	7.1
11:00	15.3	15.9	59.6	60.6	-.2	3.5	38.4	49.0	6.2
12:00	17.3	17.1	63.1	62.8	-.1	1.8	35.2	36.0	5.3
13:00	17.9	17.8	64.2	64.0	-.1	2.4	36.3	36.1	5.5
14:00	18.6	18.4	65.5	65.2	-.2	2.2	36.0	34.1	5.4
15:00	19.2	19.1	66.6	66.4	-.1	1.8	35.2	31.8	5.2
16:00	19.6	19.5	67.3	67.0	-.1	1.3	34.3	30.1	5.1
17:00	19.7	19.6	67.5	67.4	-.1	1.6	34.9	30.6	5.2
18:00	18.6	18.7	65.6	65.7	.1	3.5	38.4	37.4	5.9
19:00	18.5	18.6	65.3	65.4	.1	4.4	40.0	40.1	6.3
20:00	17.4	17.7	63.4	63.9	.3	5.6	42.1	46.6	6.9
21:00	14.4	16.6	57.9	61.9	2.3	6.4	43.5	59.5	7.3
22:00	12.5	15.3	54.5	59.6	2.9	6.5	43.7	67.9	7.4
23:00	10.5	13.7	51.0	56.6	3.2	7.3	45.2	81.6	7.9
Avg	12.5	13.1	54.6	55.6	.5	4.5	40.1	65.0	6.5
Max	19.7	19.6	67.5	67.4	3.2	7.3	45.2	98.9	7.9
Hr. of Max	17	17	17	17	23	23	23	07	23
Min	4.7	5.6	40.5	42.1	-.2	1.3	34.3	30.1	5.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/6/2016

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	0.005613	0.006896	8.8	10.88	2471836.5	6.1	.0	.00	28.97
01:00	0.005912	0.006296	9.2	9.92	2475026.3	6.1	.0	.00	28.97
02:00	0.006013	0.006216	9.4	9.79	2475484.6	6.2	.0	.00	28.96
03:00	0.006014	0.006192	9.4	9.75	2475613.1	6.2	.0	.00	28.95
04:00	0.005765	0.005874	9.0	9.26	2477399.2	5.6	.0	.00	28.96
05:00	0.00558	0.005658	8.7	8.91	2478687.5	5.1	.0	.00	28.96
06:00	0.005357	0.005428	8.4	8.57	2480018.9	4.5	.0	.00	28.97
07:00	0.005537	0.005598	8.7	8.84	2478997.4	5.0	.0	.00	28.99
08:00	0.005477	0.006742	8.6	10.65	2472630.7	5.8	.0	.00	29.01
09:00	0.005971	0.008268	9.3	13.07	2465395.0	7.6	.0	.00	29.03
10:00	0.006015	0.009899	9.4	15.65	2458890.8	8.6	.0	.00	29.03
11:00	0.0052	0.0105	8.3	17.20	2454000.0	7.8	.0	.00	29.03
12:00	0.004497	0.012507	7.1	19.77	2450248.2	7.0	.0	.00	29.03
13:00	0.004705	0.013018	7.4	20.57	2448755.2	7.6	.0	.00	29.02
14:00	0.004643	0.013605	7.3	21.50	2447086.6	7.7	.0	.00	29.01
15:00	0.004507	0.014168	7.1	22.36	2445580.2	7.6	.0	.00	28.99
16:00	0.004362	0.014479	6.8	22.84	2444773.1	7.4	.0	.00	28.97
17:00	0.004467	0.014609	7.0	23.05	2444427.3	7.7	.0	.00	28.97
18:00	0.005102	0.013651	8.0	21.54	2446997.9	8.6	.0	.00	28.97
19:00	0.005419	0.01352	8.5	21.34	2447351.7	9.1	.0	.00	28.97
20:00	0.005883	0.01265	9.2	19.96	2449894.2	9.6	.0	.00	28.98
21:00	0.006169	0.010412	9.6	16.44	2457112.9	9.0	.0	.00	29.00
22:00	0.006206	0.009185	9.7	14.51	2461650.4	8.5	.0	.00	29.01
23:00	0.006584	0.008074	10.3	12.74	2466260.5	8.4	.0	.00	29.01
Avg	0.005458	0.009727	8.6	15.38	2461421.6	7.2	.0	.00	28.99
Max	0.006584	0.014609	10.3	23.05	2480018.9	9.6	.0	.00	29.03
Hr. of Max	23	17	23	17	06	20	23	23	12
Min	0.004362	0.005428	6.8	8.57	2444427.3	4.5	.0	.00	28.95
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/6/2016

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	980.9	267	249	261	250	30.9	13.3	1.2	2.7
01:00	980.9	265	250	270	250	40.1	18.2	.7	2.1
02:00	980.8	178	260	188	262	73.8	47.8	.1	1.8
03:00	980.5	290	222	280	226	73.7	58.6	.3	.9
04:00	980.5	115	234	103	237	70.8	61.4	.3	.4
05:00	980.8	127	287	156	287	74.0	78.1	.1	.4
06:00	981.1	205	218	227	224	76.4	44.2	.3	.6
07:00	981.8	22	256	19	259	71.1	71.1	.1	.1
08:00	982.5	119	178	133	190	40.8	57.7	1.1	1.1
09:00	983.0	178	197	180	200	25.5	30.9	2.8	2.7
10:00	983.2	165	189	165	190	47.7	46.8	2.1	2.1
11:00	983.1	6	6	359	359	45.5	-999.0	3.7	3.8
12:00	982.9	351	358	353	353	43.3	-999.0	5.3	5.4
13:00	982.6	333	333	331	331	37.8	-999.0	5.7	5.8
14:00	982.3	2	358	5	358	38.0	-999.0	5.9	6.0
15:00	981.8	355	355	354	32	42.4	13.5	4.9	5.0
16:00	981.2	328	832	329	329	31.8	25.4	6.7	6.8
17:00	980.9	327	327	326	326	35.6	-999.0	5.5	5.6
18:00	981.0	303	299	302	299	38.0	-999.0	2.9	3.0
19:00	981.1	313	313	310	310	38.8	-999.0	2.6	2.8
20:00	981.5	264	264	271	271	42.9	-999.0	1.9	2.1
21:00	982.0	275	277	277	277	41.7	12.0	.7	.8
22:00	982.5	284	272	281	272	31.3	11.5	.8	3.5
23:00	982.4	289	270	276	269	45.4	9.8	.3	3.2
Avg	981.7	300	273	235	235	47.4	-308.0	.5	.5
Max	983.2	355	832	359	359	76.4	78.1	6.7	6.8
Hr. of Max	10	15	16	11	11	06	05	16	16
Min	980.5	2	6	5	32	25.5	-999.0	.1	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/6/2016

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	1.5	2.8	.7	1.3	-2.6	-.4	-.1	.0	-.04
01:00	1.1	2.3	.5	1.0	1.5	.8	.0	.0	.01
02:00	1.3	2.2	.6	1.0	1.0	2.6	.0	.1	.01
03:00	1.1	1.3	.5	.6	-1.5	-1.8	.0	.0	-.01
04:00	1.2	1.4	.5	.6	-2.7	-3.8	-.1	-.1	-.03
05:00	.9	1.0	.4	.5	.9	-1.5	.0	.0	.01
06:00	.7	.8	.3	.4	.0	-3.8	.0	.0	.00
07:00	.7	1.0	.3	.4	-3.9	-1.0	-.1	.0	-.03
08:00	1.5	1.6	.7	.7	9.1	10.3	.3	.3	.12
09:00	3.1	3.1	1.4	1.4	-.2	-1.1	.0	-.1	-.01
10:00	3.0	2.8	1.3	1.3	2.0	8.5	.1	.5	.03
11:00	3.8	3.9	1.7	1.8	-.5	2.0	-.3	-999.0	-.15
12:00	6.5	6.7	2.9	3.1	-3.2	-999.0	-.7	-999.0	-.30
13:00	6.6	6.8	3.0	3.2	-6.4	-999.0	-1.1	-999.0	-.47
14:00	7.2	7.5	3.2	3.5	-1.4	-999.0	-.6	-999.0	-.26
15:00	6.1	6.5	2.7	3.0	-1.6	-999.0	-.5	-999.0	-.24
16:00	7.6	8.0	3.4	3.5	-7.1	-999.0	-1.2	-999.0	-.54
17:00	6.4	6.6	2.9	3.0	-4.3	-999.0	-.8	-999.0	-.35
18:00	3.4	3.6	1.5	1.6	-4.4	-999.0	-.5	-999.0	-.21
19:00	3.1	3.5	1.4	1.6	-6.3	-999.0	-.5	-999.0	-.22
20:00	2.4	2.5	1.1	1.1	-2.4	-999.0	-.3	-999.0	-.12
21:00	1.0	1.1	.4	.5	-1.2	-999.0	.0	-999.0	-.01
22:00	.9	3.6	.4	1.6	.3	1.5	.0	.1	.00
23:00	.5	3.2	.2	1.5	-.2	1.3	.0	.1	.00
Avg	3.0	3.5	1.3	1.6	-1.5	-415.7	-.3	-457.8	-.12
Max	7.6	8.0	3.4	3.5	9.1	10.3	.3	.5	.12
Hr. of Max	16	16	16	16	08	08	08	10	08
Min	.5	.8	.2	.4	-7.1	-999.0	-1.2	-999.0	-.54
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/6/2016

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	-.02		4.4	5.8	12.7	7.3	9.3	9.0
01:00	.02		3.9	6.2	12.8	9.5	8.0	7.9
02:00	.04		3.4	5.8	15.5	16.7	7.9	7.8
03:00	-.01		2.9	3.4	10.6	16.9	7.8	7.5
04:00	-.03		5.0	3.5	11.7	16.4	7.1	6.8
05:00	.00		3.1	2.5	14.0	20.4	6.5	6.6
06:00	-.01		1.9	1.7	11.6	19.1	5.9	5.9
07:00	-.02		2.6	4.0	13.6	22.4	6.4	5.9
08:00	.16		5.4	5.4	25.6	28.2	9.0	8.1
09:00	-.03		6.7	6.8	22.6	25.3	11.9	10.9
10:00	.22		6.4	6.4	27.7	38.1	14.6	13.7
11:00	-999.00		12.5	14.0	24.5	-999.0	16.3	15.4
12:00	-999.00		20.9	23.0	21.9	-999.0	18.1	17.1
13:00	-999.00		19.8	22.0	22.1	-999.0	18.7	17.7
14:00	-999.00		24.0	26.0	21.3	-999.0	19.4	18.4
15:00	-999.00		21.5	23.0	21.8	21.0	20.0	19.0
16:00	-999.00		20.5	22.0	20.4	-999.0	20.3	19.4
17:00	-999.00		17.6	19.0	20.6	-999.0	20.5	19.5
18:00	-999.00		10.2	11.9	23.4	-999.0	19.6	18.8
19:00	-999.00		14.3	16.0	24.4	-999.0	19.5	18.7
20:00	-999.00		11.2	13.0	23.2	-999.0	18.5	18.3
21:00	-999.00		2.9	4.0	16.7	28.9	15.6	16.0
22:00	.04		2.2	7.0	11.2	4.3	13.8	14.6
23:00	.03		1.8	5.3	12.1	4.9	11.8	14.0
Avg	-457.86		9.4	10.7	18.4	-363.0	13.6	13.2
Max	.22		24.0	26.0	27.7	38.1	20.5	19.5
Hr. of Max	10		14	14	10	10	17	17
Min	-999.00		1.8	1.7	10.6	-999.0	5.9	5.9
Count	24	0	24	24	24	24	24	24
Total								