Date Printed: 02/15/2017 03:26

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

Daily Summary Report

Site: Tower "A" (7900 Area)

1/31/2017

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	2.7	4.3	36.8	39.7	1.6	-3.9	25.0	62.5	3.6
01:00	1.4	3.8	34.6	38.8	2.4	-3.4	25.8	70.6	3.8
02:00	1.8	4.1	35.3	39.4	2.3	-3.0	26.7	71.0	3.9
03:00	1.3	3.1	34.4	37.6	1.8	-2.6	27.3	75.5	4.0
04:00	1.6	3.2	34.9	37.7	1.6	-1.8	28.7	78.6	4.2
05:00	1.8	3.1	35.2	37.5	1.3	-1.6	29.0	78.5	4.3
06:00	1.7	2.8	35.1	37.0	1.1	-1.3	29.6	80.8	4.4
07:00	1.9	3.1	35.4	37.6	1.2	-.9	30.3	82.0	4.5
08:00	1.9	3.5	35.4	38.2	1.6	-1.5	29.2	78.8	4.3
09:00	4.9	5.3	40.8	41.5	.4	-1.7	29.0	63.0	4.2
10:00	7.5	7.4	45.5	45.3	-.1	-.1	31.8	59.2	4.7
11:00	10.8	10.6	51.4	51.1	-.2	.5	33.0	50.0	4.9
12:00	13.5	13.3	56.3	55.9	-.2	-.1	31.9	40.0	4.6
13:00	15.5	15.3	59.9	59.5	-.3	-2.3	27.9	30.0	4.0
14:00	16.9	16.6	62.4	61.9	-.3	-3.9	25.0	24.4	3.5
15:00	17.6	17.3	63.6	63.1	-.3	-4.9	23.2	21.8	3.3
16:00	17.8	17.6	64.0	63.6	-.2	-4.6	23.8	22.0	3.3
17:00	17.2	17.3	63.0	63.1	.0	-3.3	26.1	25.0	3.7
18:00	15.6	16.1	60.2	60.9	.4	-1.8	28.7	30.7	4.1
19:00	13.6	14.8	56.4	58.7	1.3	-1.2	29.8	36.7	4.3
20:00	11.3	13.5	52.4	56.3	2.2	-.7	30.8	44.0	4.5
21:00	9.7	11.7	49.4	53.0	2.0	-.7	30.7	49.0	4.5
22:00	7.8	9.5	46.0	49.2	1.8	-.8	30.5	55.4	4.5
23:00	6.8	8.1	44.3	46.5	1.2	1.0	33.7	66.9	5.1
Avg	8.4	9.4	47.2	48.9	.9	-1.9	28.6	54.0	4.2
Max	17.8	17.6	64.0	63.6	2.4	1.0	33.7	82.0	5.1
Hr. of Max	16	16	16	16	01	23	23	07	23
Min	1.3	2.8	34.4	37.0	-.3	-4.9	23.2	21.8	3.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

1/31/2017

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	0.002926	0.004691	4.6	7.42	2484920.4	-1.7	.0	.00	29.05
01:00	0.00303	0.004294	4.8	6.78	2487867.9	-1.8	.0	.00	29.05
02:00	0.003137	0.004421	4.9	6.97	2486925.9	-1.4	.0	.00	29.04
03:00	0.003225	0.00427	5.1	6.74	2488075.1	-1.3	.0	.00	29.02
04:00	0.003419	0.00435	5.4	6.86	2487485.5	-.7	.0	.00	29.01
05:00	0.003464	0.004413	5.4	6.95	2487023.7	-.5	.0	.00	29.01
06:00	0.003541	0.004384	5.6	6.91	2487230.7	-.3	.0	.00	29.02
07:00	0.003648	0.004449	5.7	7.02	2486719.8	.0	.0	.00	29.03
08:00	0.003486	0.004436	5.5	7.00	2486802.7	-.4	.0	.00	29.05
09:00	0.003449	0.005493	5.4	8.69	2479646.9	.5	.0	.00	29.07
10:00	0.003875	0.006558	6.1	10.38	2473501.7	2.4	.0	.00	29.08
11:00	0.004071	0.008209	6.4	13.00	2465666.9	4.0	.0	.00	29.07
12:00	0.003908	0.009802	6.1	15.52	2459214.9	4.4	.0	.00	29.05
13:00	0.003351	0.011193	5.3	17.69	2454400.1	3.7	.0	.00	29.02
14:00	0.002979	0.012227	4.7	19.31	2451128.2	3.0	.0	.00	29.00
15:00	0.002779	0.012764	4.4	20.15	2449525.5	2.6	.0	.00	29.00
16:00	0.002838	0.012906	4.5	20.39	2449069.6	2.9	.0	.00	29.01
17:00	0.003118	0.012481	4.9	19.73	2450313.3	3.6	.0	.00	29.03
18:00	0.003451	0.01127	5.4	17.82	2454120.1	4.0	.0	.00	29.05
19:00	0.0036	0.009832	5.7	15.57	2459085.8	3.7	.0	.00	29.06
20:00	0.003736	0.008495	5.9	13.43	2464406.8	3.3	.0	.00	29.07
21:00	0.003717	0.007595	5.8	12.02	2468335.4	2.7	.0	.00	29.06
22:00	0.003688	0.006691	5.8	10.59	2472827.3	2.0	.0	.00	29.06
23:00	0.004198	0.006277	6.6	9.92	2475024.6	2.9	.0	.00	29.05
Avg	0.003443	0.007563	5.4	11.95	2471221.6	1.6	.0	.00	29.04
Max	0.004198	0.012906	6.6	20.39	2488075.1	4.4	.0	.00	29.08
Hr. of Max	23	16	23	16	03	12	23	23	10
Min	0.002779	0.00427	4.4	6.74	2449069.6	-1.8	.0	.00	29.00
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

1/31/2017

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	983.8	289	264	309	266	68.4	20.3	.3	1.8
01:00	983.6	247	265	244	263	55.1	8.3	.2	2.9
02:00	983.3	271	275	283	274	55.6	10.8	.3	2.3
03:00	982.8	258	315	247	327	54.6	22.0	.1	.9
04:00	982.4	335	315	340	311	37.4	15.8	.5	1.7
05:00	982.2	311	258	311	258	47.1	21.9	.2	2.0
06:00	982.6	179	250	200	261	53.7	48.9	.5	1.9
07:00	983.2	298	242	300	240	50.0	12.7	.7	3.4
08:00	983.8	319	282	16	281	36.6	12.3	.2	1.9
09:00	984.4	234	246	230	244	46.7	27.7	1.3	2.3
10:00	984.7	210	238	211	240	34.4	36.4	1.9	1.9
11:00	984.5	221	235	222	235	30.9	27.8	4.5	5.3
12:00	983.9	236	245	236	244	31.8	26.6	5.6	7.4
13:00	982.9	234	240	233	240	26.4	20.5	8.0	10.5
14:00	982.2	230	235	228	234	27.3	21.3	7.9	10.5
15:00	982.1	234	240	233	239	26.5	21.8	7.7	10.3
16:00	982.5	229	237	228	236	25.0	20.4	7.1	9.4
17:00	983.1	234	241	234	240	29.2	17.6	4.0	6.0
18:00	983.8	254	252	252	251	31.6	13.2	1.2	3.4
19:00	984.1	275	250	283	250	42.2	10.9	.8	3.4
20:00	984.3	80	271	84	274	68.3	27.7	.3	1.1
21:00	984.2	19	84	31	105	31.9	45.0	.5	.5
22:00	983.9	277	257	266	260	65.5	44.1	.4	1.3
23:00	983.8	58	75	56	73	29.8	29.3	1.5	2.0
Avg	983.4	259	256	252	252	41.9	23.5	1.4	1.4
Max	984.7	335	315	340	327	68.4	48.9	8.0	10.5
Hr. of Max	10	04	04	04	03	00	06	13	14
Min	982.1	19	75	16	73	25.0	8.3	.1	.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

1/31/2017

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	.5	1.9	.2	.9	-1.5	2.3	.0	.1	-.01
01:00	.5	3.0	.2	1.3	-1.1	1.0	.0	.0	-.01
02:00	.6	2.4	.3	1.1	-.8	2.0	.0	.1	.00
03:00	.3	1.0	.1	.4	-.5	2.4	.0	.0	.00
04:00	.5	1.8	.2	.8	-.6	2.0	.0	.1	.00
05:00	1.1	2.3	.5	1.0	.2	2.8	.0	.1	.00
06:00	2.1	3.3	.9	1.5	-.8	.4	.0	.0	-.02
07:00	1.1	3.6	.5	1.6	.4	2.2	.0	.1	.00
08:00	.6	2.0	.3	.9	.3	1.8	.0	.1	.00
09:00	1.7	2.5	.7	1.1	4.6	4.5	.2	.2	.08
10:00	2.3	2.3	1.0	1.0	1.9	5.9	.1	.2	.04
11:00	5.2	5.9	2.3	2.6	2.5	3.6	.1	.2	.04
12:00	6.3	8.0	2.8	3.6	3.8	5.2	.1	.3	.04
13:00	8.9	11.2	4.0	5.0	1.2	1.0	-.1	-.1	-.06
14:00	8.7	11.1	3.9	5.0	2.9	3.8	.1	.4	.05
15:00	8.4	10.9	3.8	4.9	1.8	1.9	-.1	.0	-.05
16:00	7.8	10.0	3.5	4.5	1.2	1.9	.0	.1	.00
17:00	4.4	6.3	2.0	2.8	1.4	.6	-.1	.0	-.04
18:00	1.4	3.5	.6	1.6	.0	1.0	.0	.0	-.02
19:00	.9	3.5	.4	1.6	1.0	1.3	.0	.1	.01
20:00	.7	1.2	.3	.6	-.2	2.9	.0	.1	.00
21:00	.6	1.0	.3	.4	-.4	2.8	.0	.1	-.01
22:00	1.0	1.7	.4	.8	-.6	3.5	.0	.1	-.01
23:00	1.7	2.1	.7	.9	-2.4	3.1	-.1	.1	-.03
Avg	2.8	4.3	1.2	1.9	.6	2.5	.0	.1	.00
Max	8.9	11.2	4.0	5.0	4.6	5.9	.2	.4	.08
Hr. of Max	13	13	13	14	09	10	09	14	09
Min	.3	1.0	.1	.4	-2.4	.4	-.1	-.1	-.06
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

1/31/2017

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		1.7	3.9	9.3	5.5	3.6	4.5
01:00	.02		1.6	4.2	10.7	4.5	2.4	4.1
02:00	.03		1.9	3.4	7.0	3.2	2.8	4.4
03:00	.02		1.1	2.1	7.4	7.1	2.3	3.5
04:00	.03		1.4	3.7	9.7	6.5	2.6	3.5
05:00	.04		3.2	6.2	17.5	10.3	2.8	3.4
06:00	.01		6.8	9.4	13.8	11.2	2.8	3.1
07:00	.05		3.6	6.1	16.4	6.6	2.9	3.5
08:00	.03		2.9	3.4	10.3	6.1	3.0	3.8
09:00	.07		5.5	6.2	21.9	18.6	5.9	5.4
10:00	.11		5.1	6.7	21.8	21.2	8.4	7.6
11:00	.09		16.6	19.6	18.2	18.9	11.5	10.7
12:00	.14		17.3	18.7	22.0	18.9	14.2	13.3
13:00	-.06		20.0	22.0	18.0	15.3	16.0	15.2
14:00	.17		23.4	24.1	18.4	16.3	17.4	16.5
15:00	.02		24.4	26.5	18.7	15.5	18.0	17.1
16:00	.04		20.0	25.7	16.7	13.9	18.3	17.5
17:00	-.02		19.8	19.0	18.7	13.5	17.9	17.3
18:00	.01		6.4	7.9	14.1	7.3	16.5	16.2
19:00	.03		2.9	5.7	14.6	5.9	14.5	15.1
20:00	.03		1.9	3.9	8.0	9.3	12.3	13.8
21:00	.02		2.9	2.4	7.3	6.1	10.7	11.9
22:00	.04		2.9	3.9	8.9	6.0	8.7	9.8
23:00	.04		3.9	4.1	5.3	5.5	7.9	8.4
Avg	.04		8.2	10.0	13.9	10.6	9.3	9.6
Max	.17		24.4	26.5	22.0	21.2	18.3	17.5
Hr. of Max	14		15	15	12	10	16	16
Min	-.06		1.1	2.1	5.3	3.2	2.3	3.1
Count	24	0	24	24	24	24	24	24
Total								