Date Printed: 01/23/2017 11:53

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

Daily Summary Report

Site: Tower "A" (7900 Area)

1/21/2017

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	11.4	12.6	52.5	54.7	1.2	10.5	50.8	95.2	9.7
01:00	10.8	12.1	51.4	53.9	1.4	10.1	50.3	97.3	9.5
02:00	10.4	11.2	50.7	52.1	.8	9.9	49.7	97.6	9.3
03:00	10.3	10.8	50.5	51.5	.5	9.7	49.5	97.7	9.2
04:00	10.4	11.4	50.7	52.4	1.0	9.9	49.8	97.7	9.3
05:00	9.9	10.8	49.8	51.4	.9	9.4	48.8	97.7	9.0
06:00	10.3	11.3	50.5	52.4	1.1	9.7	49.5	97.6	9.2
07:00	10.1	10.3	50.1	50.6	.3	9.5	49.1	97.3	9.1
08:00	10.2	10.6	50.4	51.1	.4	9.7	49.4	97.6	9.2
09:00	10.5	10.7	50.9	51.2	.2	9.8	49.6	96.5	9.2
10:00	11.1	11.2	52.0	52.1	.1	10.0	50.1	94.3	9.4
11:00	11.5	11.6	52.7	52.9	.1	10.2	50.3	92.6	9.5
12:00	12.0	12.1	53.7	53.8	.1	10.8	51.5	93.5	9.9
13:00	12.0	11.9	53.6	53.5	.0	11.2	52.2	96.4	10.1
14:00	13.1	13.0	55.6	55.4	-.1	11.3	52.3	90.3	10.2
15:00	14.8	14.6	58.7	58.3	-.2	9.4	49.0	71.4	8.9
16:00	15.5	15.3	59.8	59.6	-.1	9.4	49.0	68.4	8.9
17:00	15.0	15.1	59.1	59.1	.0	9.9	49.8	72.7	9.2
18:00	13.9	14.4	57.1	57.9	.4	10.6	51.1	81.7	9.7
19:00	13.1	13.8	55.5	56.9	.8	10.7	51.3	86.8	9.8
20:00	12.2	12.9	54.0	55.3	.7	11.0	51.7	93.1	10.0
21:00	11.4	12.4	52.6	54.3	.9	10.7	51.3	96.9	9.8
22:00	11.2	11.8	52.2	53.3	.6	10.6	51.1	97.2	9.8
23:00	10.9	11.5	51.6	52.7	.7	10.3	50.5	97.4	9.6
Avg	11.8	12.2	53.2	54.0	.5	10.2	50.3	91.9	9.5
Max	15.5	15.3	59.8	59.6	1.4	11.3	52.3	97.7	10.2
Hr. of Max	16	16	16	16	01	14	14	05	14
Min	9.9	10.3	49.8	50.6	-.2	9.4	48.8	68.4	8.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

1/21/2017

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	0.00817	0.008582	12.7	13.50	2464198.5	10.8	.0	.00	28.90
01:00	0.008007	0.008228	12.4	12.93	2465743.8	10.4	.0	.00	28.90
02:00	0.007832	0.008026	12.2	12.64	2466548.8	10.0	.0	.00	28.90
03:00	0.007773	0.007959	12.1	12.53	2466861.7	9.9	.0	.00	28.90
04:00	0.007841	0.008024	12.2	12.63	2466579.5	10.0	.0	.00	28.89
05:00	0.00758	0.007763	11.8	12.20	2467786.4	9.5	.0	.00	28.88
06:00	0.007776	0.007965	12.1	12.53	2466868.8	9.9	.0	.00	28.87
07:00	0.007647	0.007861	11.9	12.36	2467341.7	9.7	.0	.00	28.89
08:00	0.007739	0.007933	12.0	12.49	2466976.8	9.9	.0	.00	28.89
09:00	0.007796	0.008079	12.1	12.71	2466338.5	10.0	.0	.00	28.87
10:00	0.007932	0.008415	12.3	13.25	2464882.2	10.4	.0	.00	28.89
11:00	0.008017	0.008658	12.4	13.61	2463921.9	10.6	.0	.00	28.89
12:00	0.008377	0.008956	13.0	14.08	2462693.2	11.2	1.4	.00	28.88
13:00	0.008638	0.00896	13.4	14.03	2462824.5	11.5	.5	.00	28.78
14:00	0.008697	0.009655	13.4	15.11	2460176.2	11.9	.0	.00	28.72
15:00	0.007697	0.0108	11.9	16.88	2456107.4	11.2	.0	.00	28.71
16:00	0.007686	0.01124	11.9	17.59	2454582.4	11.4	.0	.00	28.72
17:00	0.00794	0.010945	12.3	17.13	2455577.2	11.6	.0	.00	28.72
18:00	0.008318	0.010188	12.8	15.95	2458180.3	11.7	.0	.00	28.73
19:00	0.008355	0.009628	12.9	15.07	2460257.3	11.5	.0	.00	28.73
20:00	0.008496	0.009125	13.1	14.28	2462181.3	11.4	.0	.00	28.73
21:00	0.008377	0.008641	12.9	13.52	2464156.7	11.0	.0	.00	28.73
22:00	0.008296	0.008531	12.8	13.36	2464582.5	10.8	.0	.00	28.73
23:00	0.008111	0.00833	12.5	13.03	2465474.3	10.5	.0	.00	28.73
Avg	0.008046	0.008854	12.5	13.89	2463368.4	10.7	.1	.00	28.82
Max	0.008697	0.01124	13.4	17.59	2467786.4	11.9	1.4	.00	28.90
Hr. of Max	14	16	14	16	05	14	12	23	03
Min	0.00758	0.007763	11.8	12.20	2454582.4	9.5	.0	.00	28.71
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

1/21/2017

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	978.6	299	240	308	238	44.8	26.6	.2	1.1
01:00	978.5	240	259	242	260	55.6	10.2	.5	1.9
02:00	978.7	61	73	61	73	20.4	49.2	1.4	1.6
03:00	978.6	68	77	67	76	13.1	5.2	2.5	4.1
04:00	978.3	59	62	54	62	27.0	6.8	2.0	4.1
05:00	978.0	328	43	314	49	50.1	34.9	.3	1.8
06:00	977.7	83	110	68	94	31.2	27.0	1.6	1.8
07:00	978.3	86	72	79	72	46.7	19.5	1.3	2.4
08:00	978.1	55	64	54	65	35.3	12.1	2.8	4.2
09:00	977.7	60	66	58	65	14.4	9.5	3.9	5.4
10:00	978.4	54	64	62	68	53.6	43.4	2.2	3.4
11:00	978.3	194	250	212	233	43.2	56.1	1.1	1.1
12:00	977.9	218	217	213	216	20.9	18.6	4.8	6.7
13:00	974.7	102	108	99	105	27.4	25.9	4.2	5.4
14:00	972.5	46	51	51	57	36.3	32.4	3.1	3.7
15:00	972.3	52	51	52	52	30.0	26.3	4.1	5.1
16:00	972.6	70	73	69	71	29.2	26.6	2.8	3.3
17:00	972.6	70	85	68	82	30.3	20.3	1.8	2.3
18:00	972.9	7	25	11	55	35.7	37.4	.9	.8
19:00	973.0	60	81	59	80	12.6	11.3	2.4	3.4
20:00	972.9	59	66	57	68	22.8	8.1	2.6	4.0
21:00	972.9	66	67	63	68	38.0	6.9	2.3	3.6
22:00	972.8	20	70	49	64	43.5	31.7	.4	1.4
23:00	973.0	268	245	271	245	38.6	15.3	1.0	2.3
Avg	975.8	55	71	66	66	33.4	23.4	1.7	1.7
Max	978.7	328	259	314	260	55.6	56.1	4.8	6.7
Hr. of Max	02	05	01	05	01	01	11	12	12
Min	972.3	7	25	11	49	12.6	5.2	.2	.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

1/21/2017

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	.6	1.2	.2	.6	-.7	2.0	.0	.0	.00
01:00	.8	1.9	.4	.9	.2	2.6	.0	.1	.00
02:00	1.5	1.7	.7	.8	-2.4	2.7	-.1	.1	-.03
03:00	2.5	4.1	1.1	1.8	-2.4	.1	-.1	.0	-.05
04:00	2.1	4.2	1.0	1.9	-1.8	.7	-.1	.0	-.05
05:00	1.0	2.1	.4	.9	-.7	2.2	.0	.1	-.01
06:00	2.2	2.3	1.0	1.0	-2.2	.4	-.1	.0	-.05
07:00	1.6	2.5	.7	1.1	-2.6	1.8	-.1	.0	-.03
08:00	2.9	4.2	1.3	1.9	-2.4	-.4	-.2	.0	-.07
09:00	4.1	5.5	1.8	2.5	-2.2	-1.7	-.2	-.2	-.09
10:00	2.9	3.8	1.3	1.7	-1.5	.1	-.1	-.1	-.03
11:00	1.9	2.5	.9	1.1	-1.2	-.2	-.1	.0	-.03
12:00	5.2	7.1	2.3	3.2	3.3	3.9	.3	.4	.13
13:00	5.0	6.1	2.2	2.7	2.5	4.5	.1	.2	.04
14:00	4.0	4.7	1.8	2.1	.3	-.2	-.1	-.2	-.05
15:00	4.5	5.4	2.0	2.4	2.4	2.2	-.1	-.1	-.04
16:00	3.2	3.6	1.4	1.6	2.7	4.8	.0	.1	.00
17:00	2.1	2.6	.9	1.2	2.0	4.6	.0	.2	.01
18:00	1.0	1.0	.4	.4	-2.8	2.2	-.1	.0	-.03
19:00	2.5	3.5	1.1	1.5	-2.1	1.3	-.1	.1	-.06
20:00	2.8	4.1	1.2	1.8	-3.0	-.5	-.2	-.1	-.08
21:00	2.4	3.7	1.1	1.7	-2.4	.5	-.1	.0	-.05
22:00	1.0	1.9	.5	.9	-.9	1.9	.0	.0	-.01
23:00	1.3	2.4	.6	1.1	-2.2	1.5	-.1	.0	-.03
Avg	2.5	3.4	1.1	1.5	-.8	1.5	-.1	.0	-.03
Max	5.2	7.1	2.3	3.2	3.3	4.8	.3	.4	.13
Hr. of Max	12	12	12	12	12	16	12	12	12
Min	.6	1.0	.2	.4	-3.0	-1.7	-.2	-.2	-.09
Count	24	24	24	24	24	24	24	24	24
Total									

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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		1.6	2.4	7.9	5.2	12.9	13.5
01:00	.04		2.5	3.1	8.2	3.6	12.3	13.0
02:00	.03		3.4	3.8	4.7	6.4	11.9	12.0
03:00	.00		4.7	6.4	4.3	2.7	11.8	11.6
04:00	.02		6.1	6.8	7.6	3.4	11.9	12.1
05:00	.03		2.3	4.3	7.7	8.3	11.3	11.5
06:00	.00		4.9	4.0	6.7	6.1	11.8	12.1
07:00	.02		4.0	5.6	10.1	9.5	11.5	11.0
08:00	-.01		6.1	6.8	9.3	6.2	11.7	11.3
09:00	-.08		8.5	9.1	8.6	5.5	11.9	11.4
10:00	-.02		7.6	8.9	12.6	10.8	12.6	11.9
11:00	-.01		10.5	13.7	13.6	9.9	13.0	12.4
12:00	.20		15.5	16.2	13.2	11.1	13.6	12.9
13:00	.10		14.2	17.3	17.1	16.0	13.5	12.7
14:00	-.07		13.0	13.8	21.8	19.9	14.6	13.8
15:00	-.06		11.8	11.5	20.1	20.7	16.3	15.4
16:00	.05		8.4	8.9	17.7	19.2	16.8	16.0
17:00	.07		6.6	6.0	14.9	14.7	16.5	15.8
18:00	.02		2.6	2.5	6.5	7.4	15.5	15.1
19:00	.03		4.5	5.1	5.7	3.4	14.6	14.6
20:00	-.02		5.4	7.2	6.9	3.9	13.8	13.7
21:00	.01		4.9	5.8	7.8	4.7	13.0	13.2
22:00	.02		5.2	5.7	7.2	6.4	12.8	12.6
23:00	.02		3.4	4.4	8.8	5.4	12.4	12.3
Avg	.02		6.6	7.5	10.4	8.8	13.3	13.0
Max	.20		15.5	17.3	21.8	20.7	16.8	16.0
Hr. of Max	12		12	13	14	15	16	16
Min	-.08		1.6	2.4	4.3	2.7	11.3	11.0
Count	24	0	24	24	24	24	24	24
Total								