Date Printed: 03/22/2017 02:55

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

Daily Summary Report

Site: Tower "A" (7900 Area)

3/20/2017

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	4.6	6.1	40.2	42.9	1.5	-.2	31.6	71.8	4.7
01:00	3.5	4.7	38.3	40.4	1.2	-.1	31.8	78.0	4.8
02:00	2.6	4.0	36.6	39.1	1.4	.0	31.9	83.5	4.8
03:00	2.3	3.7	36.1	38.6	1.4	.4	32.8	88.1	5.0
04:00	1.8	2.8	35.2	37.1	1.1	.9	33.6	94.4	5.1
05:00	1.3	2.3	34.4	36.2	1.0	.8	33.4	96.7	5.1
06:00	1.3	2.2	34.3	36.0	.9	.8	33.5	97.5	5.1
07:00	.7	1.5	33.2	34.7	.8	.2	32.4	97.5	4.9
08:00	2.2	2.3	36.0	36.1	.1	.8	33.4	91.0	5.1
09:00	4.9	4.7	40.8	40.5	-.1	.2	32.4	72.7	4.9
10:00	6.9	6.8	44.5	44.2	-.2	-.4	31.3	60.4	4.6
11:00	9.4	9.2	48.9	48.6	-.1	-.1	31.7	52.0	4.7
12:00	10.9	10.8	51.6	51.5	-.1	-.1	31.8	47.1	4.7
13:00	12.4	12.3	54.4	54.1	-.1	.0	32.0	43.0	4.7
14:00	14.7	14.5	58.4	58.1	-.2	.1	32.2	37.5	4.7
15:00	16.3	16.0	61.3	60.8	-.2	1.0	33.8	36.3	5.0
16:00	17.4	17.1	63.3	62.8	-.3	1.4	34.6	34.7	5.1
17:00	18.2	18.0	64.8	64.4	-.2	1.8	35.2	34.0	5.3
18:00	19.0	19.0	66.3	66.2	-.1	2.5	36.6	34.0	5.5
19:00	19.4	19.5	66.9	67.1	.1	3.8	38.9	36.5	6.0
20:00	17.4	18.4	63.3	65.2	1.0	4.6	40.3	43.6	6.4
21:00	16.3	17.7	61.4	63.9	1.4	4.9	40.9	47.5	6.6
22:00	17.4	18.1	63.3	64.6	.7	6.0	42.7	47.8	7.0
23:00	14.0	14.3	57.2	57.7	.3	4.8	40.7	54.9	6.6
Avg	9.8	10.3	49.6	50.5	.5	1.4	34.6	61.7	5.3
Max	19.4	19.5	66.9	67.1	1.5	6.0	42.7	97.5	7.0
Hr. of Max	19	19	19	19	00	22	22	07	22
Min	.7	1.5	33.2	34.7	-.3	-.4	31.3	34.0	4.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

3/20/2017

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	0.003804	0.005306	6.0	8.46	2480466.6	1.4	.0	.00	29.30
01:00	0.003833	0.004917	6.1	7.84	2483018.3	1.1	.0	.00	29.30
02:00	0.003855	0.004615	6.1	7.35	2485161.6	.8	.0	.00	29.30
03:00	0.00399	0.004527	6.3	7.21	2485826.2	1.1	.0	.00	29.29
04:00	0.004124	0.004365	6.5	6.95	2487060.0	1.2	.0	.00	29.29
05:00	0.00409	0.004229	6.5	6.73	2488100.4	1.0	.0	.00	29.28
06:00	0.004112	0.004219	6.5	6.71	2488189.4	1.0	.0	.00	29.28
07:00	0.003927	0.004028	6.2	6.42	2489654.8	.4	.0	.00	29.27
08:00	0.004092	0.004506	6.5	7.17	2486041.1	1.2	.0	.00	29.27
09:00	0.00393	0.005425	6.2	8.65	2479717.9	1.8	.0	.00	29.29
10:00	0.00377	0.006269	6.0	9.99	2474822.0	2.1	.0	.00	29.29
11:00	0.003841	0.007396	6.1	11.80	2468997.8	3.0	.0	.00	29.29
12:00	0.003857	0.008194	6.1	13.06	2465391.7	3.6	.0	.00	29.28
13:00	0.003893	0.009075	6.2	14.46	2461768.7	4.1	.0	.00	29.25
14:00	0.003948	0.010523	6.2	16.75	2456407.5	5.0	.0	.00	29.23
15:00	0.004227	0.011655	6.7	18.52	2452688.3	6.1	.0	.00	29.18
16:00	0.004362	0.012565	6.9	19.94	2449919.8	6.8	.0	.00	29.14
17:00	0.00449	0.013224	7.1	20.95	2448049.1	7.3	.0	.00	29.10
18:00	0.004744	0.013939	7.5	22.07	2446072.9	8.0	.0	.00	29.08
19:00	0.005196	0.01425	8.2	22.55	2445268.7	9.0	.0	.00	29.07
20:00	0.005468	0.012569	8.6	19.91	2449993.4	8.9	.0	.00	29.09
21:00	0.005586	0.011768	8.8	18.63	2452456.3	8.7	.0	.00	29.09
22:00	0.006011	0.012575	9.4	19.89	2450039.8	9.8	.0	.00	29.05
23:00	0.005539	0.010116	8.7	16.00	2458086.6	7.9	.0	.00	29.04
Avg	0.004362	0.008344	6.9	13.25	2468050.0	4.2	.0	.00	29.21
Max	0.006011	0.01425	9.4	22.55	2489654.8	9.8	.0	.00	29.30
Hr. of Max	22	19	22	19	07	22	23	23	02
Min	0.00377	0.004028	6.0	6.42	2445268.7	.4	.0	.00	29.04
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

3/20/2017

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	992.3	80	60	82	61	47.0	51.4	.3	.7
01:00	992.1	257	264	246	259	57.8	47.9	.2	.7
02:00	992.0	158	271	151	270	42.5	10.5	.1	1.2
03:00	991.9	57	63	57	64	28.5	23.0	1.2	2.6
04:00	991.8	74	61	60	61	41.1	5.4	.9	3.4
05:00	991.6	45	62	46	60	46.5	7.0	1.2	3.8
06:00	991.4	53	67	55	67	56.6	7.8	.8	3.0
07:00	991.2	140	47	115	66	53.9	45.7	.2	.7
08:00	991.3	64	71	63	69	27.5	14.2	2.0	3.3
09:00	991.7	59	66	59	64	23.4	20.4	3.0	3.5
10:00	991.9	72	78	80	78	58.4	53.7	1.5	1.7
11:00	991.8	171	163	165	168	66.2	57.5	.4	.5
12:00	991.5	260	263	257	263	52.8	36.8	2.2	3.1
13:00	990.7	216	223	212	223	61.4	57.2	1.4	1.8
14:00	989.7	208	228	216	229	59.4	56.2	2.0	2.4
15:00	988.3	210	216	209	215	46.3	38.9	3.4	4.0
16:00	986.9	148	153	144	150	33.9	29.6	3.8	4.3
17:00	985.5	147	148	145	147	29.6	24.2	3.6	4.2
18:00	984.9	225	221	218	221	59.0	53.2	.3	.6
19:00	984.3	223	214	198	218	40.3	25.4	.8	2.0
20:00	984.9	49	85	42	98	49.1	35.8	.7	.5
21:00	985.0	343	238	347	238	51.3	19.2	.4	2.0
22:00	983.8	226	222	211	215	66.6	49.2	1.5	3.8
23:00	983.4	67	69	65	68	26.6	19.5	5.2	7.1
Avg	989.2	128	136	65	65	46.9	32.9	1.3	1.3
Max	992.3	343	271	347	270	66.6	57.5	5.2	7.1
Hr. of Max	00	21	02	21	02	22	11	23	23
Min	983.4	45	47	42	60	23.4	5.4	.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)

3/20/2017

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	.7	1.1	.3	.5	.1	3.0	.0	.1	.00
01:00	.3	.8	.1	.4	-.7	2.2	.0	.0	.00
02:00	.4	1.2	.2	.5	-.6	2.0	.0	.0	.00
03:00	1.3	2.6	.6	1.2	-.7	1.3	.0	.1	-.01
04:00	1.3	3.4	.6	1.5	-.3	1.5	.0	.1	.00
05:00	1.3	3.8	.6	1.7	-.3	1.6	.0	.1	.00
06:00	1.3	3.0	.6	1.3	-.8	2.0	.0	.1	-.01
07:00	1.0	1.0	.4	.5	-1.5	1.4	.0	.0	-.01
08:00	2.2	3.4	1.0	1.5	-.8	.2	.0	.0	-.01
09:00	3.3	3.8	1.5	1.7	-1.9	-1.8	-.2	-.2	-.08
10:00	2.1	2.2	.9	1.0	-7.7	-8.1	-.3	-.4	-.15
11:00	1.7	1.9	.8	.9	.9	.0	.1	.2	.05
12:00	3.1	3.8	1.4	1.7	1.1	.9	.1	.1	.03
13:00	2.7	3.0	1.2	1.3	1.1	1.5	.0	.0	-.01
14:00	3.3	3.7	1.5	1.6	.0	5.1	.0	.2	.00
15:00	4.5	5.1	2.0	2.3	2.4	2.2	.0	.1	.02
16:00	4.7	5.1	2.1	2.3	-.1	-3.4	-.1	-.3	-.03
17:00	4.2	4.7	1.9	2.1	5.8	5.7	.3	.3	.14
18:00	1.6	1.9	.7	.8	-3.8	-2.4	-.2	-.1	-.08
19:00	2.1	3.2	1.0	1.4	-.3	3.0	.0	.1	-.01
20:00	.9	1.0	.4	.4	-.2	4.8	.0	.1	.00
21:00	.7	2.1	.3	.9	-.2	2.2	.0	.1	.00
22:00	3.0	5.1	1.4	2.3	-1.4	2.8	-.1	.1	-.06
23:00	5.8	7.5	2.6	3.4	-1.0	-.9	-.2	-.2	-.08
Avg	2.2	3.1	1.0	1.4	-.5	1.1	.0	.0	-.01
Max	5.8	7.5	2.6	3.4	5.8	5.7	.3	.3	.14
Hr. of Max	23	23	23	23	17	17	17	17	17
Min	.3	.8	.1	.4	-7.7	-8.1	-.3	-.4	-.15
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	.03		2.4	2.5	8.9	9.2	5.5	6.4
01:00	.02		1.2	2.2	5.7	5.9	4.4	5.0
02:00	.02		1.2	2.3	5.8	3.2	3.6	4.3
03:00	.02		3.9	5.5	6.2	3.2	3.3	4.0
04:00	.04		4.0	5.1	10.2	3.5	2.8	3.2
05:00	.04		4.7	7.2	10.0	3.8	2.3	2.6
06:00	.05		3.1	4.2	8.4	3.0	2.3	2.5
07:00	.01		2.2	3.0	8.8	9.3	1.7	1.8
08:00	-.01		6.8	7.5	10.1	5.5	3.1	2.6
09:00	-.08		8.1	9.8	17.3	16.1	5.8	5.0
10:00	-.18		5.3	5.0	29.1	28.8	7.9	7.1
11:00	.07		5.3	5.5	34.7	36.8	10.3	9.5
12:00	.07		9.7	10.6	28.4	27.7	11.7	10.9
13:00	.01		7.7	7.7	31.3	32.3	13.2	12.4
14:00	.09		8.9	10.6	27.8	31.6	15.4	14.6
15:00	.05		11.9	12.0	23.4	22.3	16.9	16.0
16:00	-.14		12.0	11.7	20.2	19.5	18.1	17.2
17:00	.15		9.4	10.6	18.6	18.8	19.0	18.2
18:00	-.06		5.8	6.3	25.4	24.1	19.9	19.2
19:00	.05		6.0	9.1	16.4	14.9	20.3	19.8
20:00	.04		3.0	2.9	12.2	13.6	18.5	18.8
21:00	.03		2.0	6.3	18.3	12.0	17.5	18.1
22:00	.06		11.4	14.2	23.1	18.3	18.5	18.5
23:00	-.09		13.5	14.0	9.8	8.4	15.1	14.6
Avg	.01		6.2	7.3	17.1	15.5	10.7	10.5
Max	.15		13.5	14.2	34.7	36.8	20.3	19.8
Hr. of Max	17		23	22	11	11	19	19
Min	-.18		1.2	2.2	5.7	3.0	1.7	1.8
Count	24	0	24	24	24	24	24	24
Total								