Date Printed: 02/08/2017 06:25

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

Daily Summary Report

Site: Tower "A" (7900 Area)

2/6/2017

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	1.4	2.6	34.5	36.6	1.1	.6	33.2	95.3	5.1
01:00	1.1	2.3	33.9	36.2	1.3	.4	32.6	95.7	5.0
02:00	.3	1.6	32.6	34.8	1.2	-.3	31.4	95.9	4.7
03:00	-.3	.8	31.5	33.4	1.0	-.9	30.3	96.0	4.5
04:00	-.9	.1	30.5	32.2	.9	-1.5	29.3	96.0	4.4
05:00	-1.0	-.1	30.2	31.8	.9	-1.6	29.2	96.3	4.3
06:00	-.9	-.5	30.5	31.1	.4	-1.4	29.4	96.5	4.4
07:00	-.1	.2	31.9	32.3	.2	-.6	30.9	96.6	4.6
08:00	.7	1.2	33.3	34.1	.4	.2	32.3	96.6	4.9
09:00	2.4	2.5	36.4	36.6	.1	1.9	35.4	96.9	5.5
10:00	4.1	4.0	39.3	39.2	.0	3.6	38.5	97.7	6.2
11:00	5.0	4.9	41.0	40.8	-.1	4.7	40.5	99.2	6.7
12:00	6.3	6.2	43.3	43.1	-.1	3.9	39.0	85.7	6.3
13:00	7.2	7.1	44.9	44.8	-.1	3.7	38.7	79.3	6.2
14:00	7.6	7.5	45.7	45.6	-.1	4.7	40.4	82.2	6.6
15:00	7.7	7.7	45.9	45.8	-.1	5.7	42.3	88.1	7.1
16:00	7.2	7.2	45.0	44.9	-.1	6.6	43.9	96.8	7.5
17:00	7.1	7.1	44.8	44.7	.0	6.6	43.8	97.4	7.5
18:00	6.8	6.8	44.3	44.2	.0	6.3	43.3	97.1	7.4
19:00	6.7	6.7	44.1	44.1	.0	6.1	42.9	96.7	7.3
20:00	6.7	6.7	44.0	44.1	.0	6.0	42.9	96.5	7.3
21:00	6.8	6.9	44.3	44.4	.0	6.2	43.1	96.3	7.3
22:00	6.9	7.0	44.5	44.7	.1	6.3	43.3	96.4	7.4
23:00	7.2	7.4	45.0	45.3	.1	6.6	43.8	96.4	7.5
Avg	4.0	4.3	39.2	39.8	.3	3.1	37.5	94.5	6.1
Max	7.7	7.7	45.9	45.8	1.3	6.6	43.9	99.2	7.5
Hr. of Max	15	15	15	15	01	23	16	11	23
Min	-1.0	-.5	30.2	31.1	-.1	-1.6	29.2	79.3	4.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

2/6/2017

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	0.00406	0.00426	6.4	6.77	2487919.9	.9	.0	.00	29.24
01:00	0.003973	0.004151	6.3	6.60	2488754.4	.6	.0	.00	29.22
02:00	0.003771	0.003934	6.0	6.26	2490485.1	-.1	.0	.00	29.22
03:00	0.003615	0.003768	5.7	5.99	2491912.7	-.7	.0	.00	29.22
04:00	0.003462	0.003606	5.5	5.74	2493291.1	-1.3	.0	.00	29.22
05:00	0.003443	0.003577	5.4	5.69	2493586.7	-1.4	.0	.00	29.23
06:00	0.003479	0.003605	5.5	5.74	2493296.7	-1.2	.0	.00	29.24
07:00	0.003693	0.003822	5.8	6.08	2491443.5	-.4	.0	.00	29.25
08:00	0.003908	0.004044	6.2	6.44	2489541.5	.4	.0	.00	29.26
09:00	0.004438	0.004577	7.0	7.29	2485470.0	2.1	.0	.00	29.27
10:00	0.005006	0.005126	7.9	8.17	2481645.8	3.8	.0	.00	29.26
11:00	0.005435	0.005478	8.6	8.72	2479444.8	4.8	.0	.00	29.25
12:00	0.005128	0.005999	8.1	9.54	2476393.4	4.7	.0	.00	29.22
13:00	0.005066	0.006392	8.0	10.16	2474206.3	4.9	.0	.00	29.19
14:00	0.005413	0.006587	8.5	10.48	2473130.3	5.6	.2	.00	29.15
15:00	0.005847	0.006643	9.2	10.54	2472927.9	6.4	.8	.00	29.14
16:00	0.006216	0.006421	9.8	10.17	2474155.9	6.8	.5	.00	29.14
17:00	0.006202	0.006365	9.7	10.09	2474417.1	6.7	.9	.00	29.14
18:00	0.006082	0.006261	9.6	9.92	2475028.8	6.5	.0	.00	29.13
19:00	0.005979	0.006183	9.4	9.83	2475346.5	6.3	.1	.00	29.13
20:00	0.005965	0.006184	9.4	9.82	2475371.1	6.2	.1	.00	29.12
21:00	0.006042	0.006273	9.5	9.92	2475020.0	6.4	.1	.00	29.12
22:00	0.006084	0.006313	9.5	9.98	2474793.8	6.5	.0	.00	29.11
23:00	0.006207	0.006437	9.7	10.20	2474071.0	6.8	.0	.00	29.09
Avg	0.004938	0.00525	7.8	8.34	2481735.6	3.4	.1	.00	29.19
Max	0.006216	0.006643	9.8	10.54	2493586.7	6.8	.9	.00	29.27
Hr. of Max	16	15	16	15	05	23	17	23	09
Min	0.003443	0.003577	5.4	5.69	2472927.9	-1.4	.0	.00	29.09
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

2/6/2017

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	990.0	243	256	250	256	47.4	7.1	.7	3.0
01:00	989.5	51	329	49	322	50.6	44.8	.6	.3
02:00	989.3	225	240	248	245	75.4	34.2	.2	.9
03:00	989.4	208	254	211	254	23.4	9.7	.5	1.6
04:00	989.6	73	272	60	277	61.4	31.7	.2	.6
05:00	989.8	60	50	69	64	48.9	51.1	.2	1.0
06:00	990.2	282	197	269	213	64.7	73.7	.2	.4
07:00	990.4	237	236	247	247	58.3	58.7	.4	.8
08:00	990.8	64	81	69	81	52.9	54.5	.9	.9
09:00	991.2	59	65	71	72	35.0	32.6	.8	1.6
10:00	990.9	39	44	41	45	42.7	36.7	2.0	2.3
11:00	990.4	46	46	49	51	40.7	33.5	1.8	2.2
12:00	989.4	14	8	11	7	47.1	44.0	1.5	1.9
13:00	988.3	245	263	244	255	40.3	43.1	1.3	1.4
14:00	987.3	249	257	280	281	63.1	64.6	.2	.5
15:00	986.8	316	318	316	309	32.1	23.8	1.8	2.5
16:00	986.6	253	263	256	266	37.7	29.0	1.4	2.1
17:00	986.7	246	259	247	260	34.4	18.4	1.4	2.3
18:00	986.6	262	269	265	273	40.5	23.0	1.2	2.1
19:00	986.4	233	242	233	243	20.8	13.2	1.5	2.1
20:00	986.1	232	242	229	246	28.2	24.2	1.3	1.8
21:00	986.0	219	223	216	227	39.7	31.0	1.0	1.5
22:00	985.7	284	286	271	282	50.6	34.0	1.1	2.2
23:00	985.2	228	258	227	256	21.8	28.3	1.5	1.3
Avg	988.4	263	272	31	31	44.1	35.2	.2	.2
Max	991.2	316	329	316	322	75.4	73.7	2.0	3.0
Hr. of Max	09	15	01	15	01	02	06	10	00
Min	985.2	14	8	11	7	20.8	7.1	.2	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

2/6/2017

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	.9	3.0	.4	1.3	-.7	2.0	.0	.1	-.01
01:00	.7	.7	.3	.3	-1.0	1.2	.0	.0	-.01
02:00	.5	1.1	.2	.5	-.6	1.7	.0	.0	.00
03:00	.6	1.7	.2	.8	-.1	1.6	.0	.0	.00
04:00	.5	.7	.2	.3	-1.2	1.3	.0	.0	-.01
05:00	.9	1.1	.4	.5	-2.3	1.8	.0	.0	-.02
06:00	.8	.8	.4	.4	-2.8	.1	.0	.0	-.02
07:00	1.0	1.3	.4	.6	-.5	-.1	.0	.0	-.01
08:00	1.4	1.3	.6	.6	.7	.9	.0	.0	.01
09:00	2.1	3.0	.9	1.3	.2	.1	.0	.0	.00
10:00	2.6	2.9	1.2	1.3	-.1	-1.4	-.1	-.1	-.03
11:00	2.5	3.0	1.1	1.3	2.5	1.4	.0	.1	.02
12:00	2.0	2.4	.9	1.1	2.3	.6	.0	.1	.02
13:00	1.7	1.8	.7	.8	-11.0	-13.6	-.3	-.3	-.11
14:00	1.7	2.0	.8	.9	-5.3	-5.2	-.2	-.1	-.07
15:00	2.4	3.1	1.1	1.4	-2.1	-.6	-.2	-.1	-.07
16:00	1.7	2.3	.8	1.0	2.2	.3	.0	.0	.00
17:00	1.6	2.5	.7	1.1	-.2	-.6	-.1	-.1	-.03
18:00	1.5	2.3	.7	1.0	-1.5	-.2	-.1	-.1	-.05
19:00	1.6	2.1	.7	1.0	-2.0	-.7	-.1	.0	-.04
20:00	1.5	2.0	.7	.9	-5.0	-1.5	-.1	.0	-.05
21:00	1.3	1.8	.6	.8	-2.9	-1.9	-.1	-.1	-.03
22:00	1.7	2.5	.8	1.1	-3.5	1.0	-.1	.0	-.05
23:00	1.6	1.4	.7	.6	-3.6	-1.6	-.1	.0	-.04
Avg	1.5	2.0	.6	.9	-1.6	-.6	-.1	.0	-.03
Max	2.6	3.1	1.2	1.4	2.5	2.0	.0	.1	.02
Hr. of Max	10	15	10	15	11	00	16	12	12
Min	.5	.7	.2	.3	-11.0	-13.6	-.3	-.3	-.11
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

2/6/2017

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	.05		2.6	4.0	8.2	3.4	2.5	3.0
01:00	.01		2.0	1.7	7.8	6.4	2.2	2.8
02:00	.01		2.0	2.2	4.7	4.5	1.4	2.1
03:00	.02		1.6	2.5	4.9	3.7	.8	1.2
04:00	.01		1.7	1.5	8.8	7.8	.2	.5
05:00	.02		2.4	3.3	7.6	7.5	.0	.2
06:00	.00		3.2	3.0	12.7	9.3	.1	-.2
07:00	.00		2.9	4.0	13.6	14.2	.9	.5
08:00	.02		4.2	4.1	14.3	11.5	1.6	1.4
09:00	.00		4.5	5.8	15.3	8.9	3.4	2.8
10:00	-.03		7.2	6.9	19.6	18.0	5.2	4.5
11:00	.02		7.0	7.6	23.2	23.0	6.3	5.5
12:00	.03		5.8	6.0	29.5	28.5	7.6	6.8
13:00	-.16		5.9	6.3	25.9	24.7	8.3	7.6
14:00	-.06		4.3	4.8	26.8	26.7	8.8	8.1
15:00	-.04		8.7	9.3	17.5	17.1	8.9	8.2
16:00	-.01		3.8	6.3	18.5	15.6	8.4	7.8
17:00	-.03		4.0	4.8	17.7	11.9	8.3	7.6
18:00	-.03		4.1	6.1	17.6	14.7	8.0	7.4
19:00	-.02		3.4	3.9	14.6	8.6	7.9	7.3
20:00	-.02		3.1	4.3	13.5	10.2	7.9	7.3
21:00	-.02		3.1	3.8	13.3	10.0	8.1	7.5
22:00	.00		5.2	7.3	16.2	14.3	8.2	7.7
23:00	-.02		4.1	5.1	8.0	11.5	8.5	8.0
Avg	-.01		4.0	4.8	15.0	13.0	5.1	4.8
Max	.05		8.7	9.3	29.5	28.5	8.9	8.2
Hr. of Max	00		15	15	12	12	15	15
Min	-.16		1.6	1.5	4.7	3.4	.0	-.2
Count	24	0	24	24	24	24	24	24
Total								