Date Printed: 12/07/2016 07:33

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

Daily Summary Report

Site: Tower "A" (7900 Area)

12/4/2016

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	4.3	4.5	39.7	40.0	.2	3.4	38.1	94.5	6.1
01:00	4.2	4.3	39.6	39.7	.1	3.6	38.4	96.2	6.2
02:00	4.1	4.2	39.4	39.5	.1	3.5	38.3	96.7	6.2
03:00	3.9	4.0	39.1	39.2	.0	3.3	38.0	96.7	6.1
04:00	3.8	3.9	38.9	39.0	.1	3.2	37.8	96.6	6.0
05:00	3.9	3.9	39.0	39.0	.0	3.2	37.8	96.3	6.0
06:00	3.7	3.8	38.7	38.8	.0	3.1	37.6	96.6	6.0
07:00	3.7	3.7	38.7	38.7	.0	3.2	37.7	96.7	6.0
08:00	4.0	3.9	39.1	39.1	.0	3.4	38.1	96.8	6.1
09:00	4.3	4.3	39.7	39.7	.0	3.7	38.7	96.8	6.2
10:00	4.6	4.6	40.3	40.2	.0	4.0	39.3	96.9	6.4
11:00	4.8	4.8	40.6	40.6	.0	4.2	39.6	96.9	6.4
12:00	4.8	4.8	40.7	40.6	.0	4.3	39.7	96.9	6.5
13:00	5.1	5.1	41.2	41.1	-.1	4.6	40.2	97.0	6.6
14:00	5.5	5.4	41.8	41.8	.0	4.9	40.8	97.0	6.7
15:00	5.8	5.8	42.4	42.3	.0	5.2	41.4	97.0	6.9
16:00	6.0	5.9	42.7	42.7	.0	5.4	41.7	97.0	7.0
17:00	6.1	6.1	43.0	43.0	.0	5.6	42.0	97.0	7.0
18:00	6.2	6.1	43.1	43.1	.0	5.6	42.0	97.0	7.0
19:00	6.2	6.2	43.2	43.2	.0	5.6	42.1	96.9	7.1
20:00	6.7	6.7	44.1	44.1	.0	6.1	43.0	97.0	7.3
21:00	7.1	7.2	44.9	44.9	.0	6.6	43.8	97.1	7.5
22:00	7.4	7.4	45.2	45.3	.0	6.8	44.2	97.1	7.6
23:00	7.5	7.6	45.6	45.6	.0	7.0	44.5	97.0	7.7
Avg	5.2	5.2	41.3	41.3	.0	4.6	40.2	96.7	6.6
Max	7.5	7.6	45.6	45.6	.2	7.0	44.5	97.1	7.7
Hr. of Max	23	23	23	23	00	23	23	22	23
Min	3.7	3.7	38.7	38.7	-.1	3.1	37.6	94.5	6.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

12/4/2016

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	0.004926	0.005212	7.8	8.30	2481082.4	3.7	.7	.00	29.29
01:00	0.00501	0.005205	7.9	8.26	2481257.5	3.8	.9	.00	29.26
02:00	0.004989	0.005162	7.9	8.21	2481475.3	3.7	1.4	.00	29.26
03:00	0.004912	0.005082	7.8	8.10	2481917.2	3.5	1.9	.00	29.25
04:00	0.004869	0.005042	7.7	8.04	2482175.4	3.4	2.0	.00	29.25
05:00	0.004878	0.005064	7.7	8.06	2482087.9	3.4	3.0	.00	29.25
06:00	0.004855	0.005027	7.7	7.99	2482387.5	3.3	3.1	.00	29.24
07:00	0.004873	0.005041	7.7	7.99	2482377.1	3.3	2.3	.00	29.20
08:00	0.00494	0.005103	7.8	8.11	2481873.1	3.6	.4	.00	29.19
09:00	0.005068	0.005235	8.0	8.30	2481093.7	3.9	.8	.00	29.19
10:00	0.005166	0.005332	8.1	8.49	2480322.2	4.2	.5	.00	29.19
11:00	0.005251	0.005419	8.3	8.61	2479861.7	4.4	3.1	.00	29.16
12:00	0.005268	0.005436	8.3	8.62	2479802.7	4.4	5.8	.00	29.13
13:00	0.005396	0.005565	8.5	8.80	2479101.6	4.7	.7	.00	29.09
14:00	0.005523	0.005694	8.7	9.01	2478313.3	5.1	.8	.00	29.05
15:00	0.005651	0.005826	8.9	9.21	2477567.5	5.4	.4	.00	29.04
16:00	0.005741	0.005919	9.0	9.33	2477119.8	5.6	.6	.00	29.04
17:00	0.005796	0.005975	9.1	9.44	2476717.0	5.7	.9	.00	29.03
18:00	0.005798	0.005979	9.1	9.46	2476662.9	5.8	.4	.00	29.04
19:00	0.005833	0.006016	9.1	9.50	2476506.7	5.8	.0	.00	29.04
20:00	0.006026	0.006214	9.4	9.82	2475369.9	6.3	.2	.00	29.05
21:00	0.006219	0.006405	9.7	10.12	2474312.6	6.8	.1	.00	29.06
22:00	0.006299	0.006488	9.9	10.28	2473781.8	7.0	.1	.00	29.07
23:00	0.006361	0.006558	10.0	10.41	2473344.4	7.1	.0	.00	29.09
Avg	0.005402	0.005583	8.5	8.85	2479021.3	4.7	1.3	.00	29.14
Max	0.006361	0.006558	10.0	10.41	2482387.5	7.1	5.8	.00	29.29
Hr. of Max	23	23	23	23	06	23	12	23	00
Min	0.004855	0.005027	7.7	7.99	2473344.4	3.3	.0	.00	29.03
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

12/4/2016

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	991.7	71	75	71	75	11.0	7.2	3.0	4.6
01:00	990.9	72	79	72	78	14.7	10.3	3.7	5.2
02:00	991.0	59	65	59	65	13.4	10.6	3.8	5.4
03:00	990.5	57	63	57	63	15.5	10.4	4.9	6.7
04:00	990.5	64	65	64	65	17.2	13.6	3.5	4.9
05:00	990.4	65	71	64	69	20.4	15.1	3.3	4.4
06:00	990.0	79	85	79	84	15.7	12.1	3.9	5.5
07:00	988.9	77	76	78	77	20.8	14.4	4.6	6.3
08:00	988.5	58	61	58	60	20.0	16.3	4.5	6.1
09:00	988.6	66	66	65	66	22.2	16.9	4.1	5.6
10:00	988.4	73	74	75	76	23.9	20.0	3.7	4.9
11:00	987.5	65	72	68	73	26.4	21.0	3.5	4.5
12:00	986.6	59	61	55	58	30.6	26.4	2.2	3.0
13:00	985.2	38	36	42	42	34.6	25.2	1.8	2.4
14:00	983.9	49	51	47	51	22.2	24.4	1.4	1.7
15:00	983.5	121	40	117	45	70.9	64.5	.3	.3
16:00	983.3	78	77	80	77	30.0	24.4	1.4	1.9
17:00	983.0	54	57	62	65	53.8	49.5	.8	1.2
18:00	983.3	250	258	250	258	25.6	18.1	1.8	2.8
19:00	983.5	253	255	253	256	29.4	17.5	2.0	3.5
20:00	983.8	249	256	248	256	28.6	17.7	2.8	4.8
21:00	984.0	255	259	256	260	29.2	17.9	2.8	5.1
22:00	984.4	259	263	258	264	38.0	22.8	2.7	4.7
23:00	985.0	257	262	255	263	32.0	20.0	2.8	4.7
Avg	986.9	63	58	69	69	26.9	20.7	4.6	4.6
Max	991.7	259	263	258	264	70.9	64.5	4.9	6.7
Hr. of Max	00	22	22	22	22	15	15	03	03
Min	983.0	38	36	42	42	11.0	7.2	.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)

12/4/2016

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	3.0	4.7	1.4	2.1	.4	.6	.0	.0	.00
01:00	3.8	5.3	1.7	2.4	.0	-.2	-.1	-.1	-.04
02:00	3.9	5.5	1.7	2.5	1.1	.5	.0	.0	-.01
03:00	5.0	6.9	2.3	3.1	-.6	-1.5	-.2	-.2	-.09
04:00	3.6	5.0	1.6	2.2	1.0	.1	.0	-.1	-.01
05:00	3.5	4.6	1.6	2.1	2.1	.9	.0	.0	.00
06:00	4.1	5.7	1.8	2.6	2.0	1.3	.0	.1	.02
07:00	5.0	6.5	2.2	2.9	2.2	1.2	.0	.0	.00
08:00	4.7	6.4	2.1	2.8	1.6	1.0	-.1	-.1	-.03
09:00	4.5	5.8	2.0	2.6	2.7	.2	.0	-.2	.01
10:00	4.0	5.1	1.8	2.3	3.3	1.6	.0	.0	.02
11:00	3.8	4.7	1.7	2.1	2.4	1.0	.0	.0	.02
12:00	2.6	3.3	1.2	1.5	.7	-.1	-.1	-.1	-.02
13:00	2.0	2.6	.9	1.2	.8	1.2	-.1	-.1	-.04
14:00	1.6	1.8	.7	.8	-6.3	-3.8	-.2	-.1	-.08
15:00	1.2	1.1	.5	.5	-.3	-1.4	.0	.0	.00
16:00	1.7	2.1	.8	1.0	-1.1	-1.4	-.1	.0	-.02
17:00	1.2	1.4	.5	.6	-2.4	-1.0	-.1	.0	-.03
18:00	1.9	3.0	.9	1.3	.0	-.2	-.1	-.1	-.03
19:00	2.2	3.6	1.0	1.6	-1.1	2.1	-.1	.0	-.05
20:00	3.1	5.1	1.4	2.3	-1.4	.8	-.2	.0	-.09
21:00	3.2	5.3	1.4	2.4	1.6	.9	-.1	.0	-.04
22:00	3.3	5.1	1.5	2.3	.4	1.3	-.1	.0	-.06
23:00	3.3	5.1	1.5	2.3	.8	1.5	-.1	.0	-.05
Avg	3.2	4.4	1.4	2.0	.4	.3	-.1	.0	-.03
Max	5.0	6.9	2.3	3.1	3.3	2.1	.0	.1	.02
Hr. of Max	07	03	03	03	10	19	15	06	11
Min	1.2	1.1	.5	.5	-6.3	-3.8	-.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	.01		5.9	7.4	8.6	5.9	5.3	4.7
01:00	-.04		9.9	10.2	12.5	9.9	5.3	4.6
02:00	-.01		9.6	12.1	12.8	9.5	5.2	4.5
03:00	-.11		10.7	12.2	13.9	9.2	4.9	4.2
04:00	-.03		9.2	9.7	14.4	11.4	4.9	4.1
05:00	-.01		10.0	11.5	15.4	12.8	4.9	4.2
06:00	.02		10.9	11.0	13.3	10.6	4.8	4.0
07:00	-.01		11.8	13.3	16.1	14.2	4.7	4.0
08:00	-.04		13.7	15.1	16.4	15.1	5.0	4.3
09:00	-.07		12.1	13.6	17.8	14.9	5.4	4.6
10:00	-.01		9.9	14.1	18.0	16.1	5.7	5.0
11:00	-.01		9.6	11.8	17.0	15.6	5.9	5.1
12:00	-.04		6.4	6.5	15.0	12.6	5.9	5.1
13:00	-.04		4.8	5.0	17.3	16.7	6.2	5.5
14:00	-.05		4.0	3.9	16.5	15.2	6.6	5.9
15:00	.01		3.2	3.3	17.9	21.8	6.9	6.2
16:00	-.02		3.8	4.6	15.3	11.4	7.1	6.4
17:00	-.01		3.1	3.9	12.4	14.0	7.3	6.6
18:00	-.03		4.6	5.3	16.4	10.6	7.3	6.6
19:00	.01		5.9	7.8	18.5	13.1	7.4	6.7
20:00	-.02		9.8	11.3	18.5	12.4	7.9	7.3
21:00	-.02		8.1	12.2	19.5	12.5	8.4	7.7
22:00	-.01		10.6	11.6	18.8	14.2	8.6	7.9
23:00	.00		8.5	11.5	19.3	14.9	8.8	8.1
Avg	-.02		8.2	9.5	15.9	13.1	6.3	5.6
Max	.02		13.7	15.1	19.5	21.8	8.8	8.1
Hr. of Max	06		08	08	21	15	23	23
Min	-.11		3.1	3.3	8.6	5.9	4.7	4.0
Count	24	0	24	24	24	24	24	24
Total								