Date Printed: 06/26/2016 07:27

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

Daily Summary Report

Site: Tower "A" (7900 Area)

6/24/2016

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	26.2	26.4	79.2	79.5	.1	20.3	68.5	71.9	17.3
01:00	23.0	23.1	73.4	73.7	.2	21.5	70.7	93.7	18.8
02:00	22.0	22.1	71.6	71.7	.0	20.9	69.5	95.5	18.1
03:00	21.5	21.5	70.6	70.7	.0	20.4	68.7	95.9	17.7
04:00	21.2	21.3	70.2	70.3	.0	20.0	68.0	95.0	17.3
05:00	20.5	20.6	69.0	69.1	.1	19.3	66.7	94.7	16.5
06:00	20.1	20.3	68.1	68.6	.3	19.0	66.2	95.6	16.3
07:00	20.0	20.2	68.0	68.4	.2	18.8	65.9	95.0	16.1
08:00	20.6	20.6	69.2	69.1	.0	18.3	65.0	88.6	15.6
09:00	22.6	22.4	72.6	72.3	-.1	17.9	64.2	76.8	15.1
10:00	24.0	23.7	75.2	74.7	-.3	17.5	63.5	68.8	14.7
11:00	25.6	25.3	78.1	77.6	-.3	17.6	63.6	62.8	14.7
12:00	27.2	26.9	80.9	80.4	-.3	18.3	64.9	59.8	15.3
13:00	28.0	27.8	82.4	82.1	-.2	18.4	65.1	57.5	15.3
14:00	28.5	28.4	83.3	83.1	-.1	18.6	65.5	56.7	15.5
15:00	29.3	29.0	84.7	84.3	-.2	19.0	66.2	55.6	15.9
16:00	29.3	29.3	84.7	84.7	.0	19.1	66.5	56.1	16.0
17:00	29.6	29.6	85.2	85.2	.0	18.7	65.7	53.7	15.6
18:00	29.4	29.4	85.0	85.0	.0	18.2	64.7	52.3	15.1
19:00	28.8	28.9	83.9	84.1	.1	18.0	64.4	53.6	15.0
20:00	27.5	28.0	81.5	82.4	.5	18.8	65.8	60.8	15.8
21:00	24.8	26.4	76.6	79.5	1.6	19.6	67.3	75.0	16.7
22:00	23.0	24.2	73.5	75.5	1.2	19.4	67.0	82.2	16.6
23:00	21.8	23.0	71.3	73.4	1.2	19.5	67.1	88.7	16.7
Avg	24.8	24.9	76.6	76.9	.2	19.0	66.3	74.4	16.2
Max	29.6	29.6	85.2	85.2	1.6	21.5	70.7	95.9	18.8
Hr. of Max	17	17	17	17	21	01	01	03	01
Min	20.0	20.2	68.0	68.4	-.3	17.5	63.5	52.3	14.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

6/24/2016

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	0.015463	0.021645	23.9	34.28	2428966.0	22.3	1.4	.00	29.08
01:00	0.016655	0.017772	25.7	28.16	2436684.9	22.0	3.7	.00	29.10
02:00	0.016009	0.01676	24.7	26.55	2438979.3	21.2	1.5	.00	29.09
03:00	0.015553	0.016213	24.0	25.65	2440312.3	20.7	1.5	.00	29.08
04:00	0.015174	0.015982	23.4	25.29	2440856.8	20.4	1.1	.00	29.06
05:00	0.014488	0.015306	22.4	24.25	2442477.7	19.7	.3	.00	29.10
06:00	0.014208	0.014857	22.0	23.54	2443622.5	19.3	.1	.00	29.09
07:00	0.014081	0.014819	21.8	23.48	2443718.0	19.2	.0	.00	29.09
08:00	0.013634	0.015399	21.1	24.40	2442247.4	19.1	.0	.00	29.11
09:00	0.013256	0.017283	20.6	27.42	2437725.2	19.4	.0	.00	29.14
10:00	0.012955	0.018858	20.1	29.92	2434300.2	19.7	.0	.00	29.14
11:00	0.013017	0.02074	20.2	32.92	2430513.2	20.2	.0	.00	29.15
12:00	0.013638	0.022802	21.2	36.17	2426720.8	21.2	.0	.00	29.14
13:00	0.013746	0.023902	21.3	37.92	2424797.4	21.6	.0	.00	29.14
14:00	0.013935	0.024603	21.6	39.03	2423636.5	21.9	.0	.00	29.14
15:00	0.014325	0.025757	22.2	40.85	2421756.3	22.4	.0	.00	29.13
16:00	0.014437	0.025744	22.4	40.82	2421790.6	22.5	.0	.00	29.13
17:00	0.014078	0.026208	21.8	41.55	2421051.4	22.3	.0	.00	29.12
18:00	0.013594	0.025998	21.1	41.20	2421399.4	21.9	.0	.00	29.11
19:00	0.013432	0.025089	20.8	39.76	2422858.3	21.6	.0	.00	29.12
20:00	0.014097	0.023255	21.9	36.87	2425963.9	21.7	.0	.00	29.12
21:00	0.01481	0.019827	22.9	31.44	2432386.6	21.3	.0	.00	29.12
22:00	0.014626	0.017806	22.7	28.23	2436597.7	20.6	.0	.00	29.12
23:00	0.014666	0.016545	22.7	26.23	2439455.4	20.3	.0	.00	29.13
Avg	0.014328	0.020132	22.2	31.91	2432450.7	20.9	.4	.00	29.11
Max	0.016655	0.026208	25.7	41.55	2443718.0	22.5	3.7	.00	29.15
Hr. of Max	01	17	01	17	07	16	01	23	11
Min	0.012955	0.014819	20.1	23.48	2421051.4	19.1	.0	.00	29.06
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

6/24/2016

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	984.8	3	6	1	360	52.3	43.7	2.6	3.4
01:00	985.3	341	3	348	4	70.1	58.3	.8	1.7
02:00	985.1	242	248	237	244	36.6	24.2	2.6	4.1
03:00	984.8	235	241	219	232	39.7	30.0	3.9	5.6
04:00	984.2	259	264	254	261	53.3	38.0	2.3	4.4
05:00	985.2	300	289	300	294	50.0	59.3	1.4	2.4
06:00	985.0	35	48	41	55	72.7	70.6	1.4	2.0
07:00	985.0	280	295	286	283	68.2	59.9	.7	1.5
08:00	985.6	254	255	247	254	45.6	31.7	1.8	3.1
09:00	986.8	251	257	255	259	43.3	25.7	3.9	6.7
10:00	986.7	210	221	208	221	30.3	24.8	3.9	4.6
11:00	987.0	218	222	215	223	31.3	25.4	4.9	6.1
12:00	986.9	205	214	205	214	22.6	22.1	6.3	7.1
13:00	986.7	221	228	219	228	37.2	26.7	4.0	4.9
14:00	986.6	263	265	264	269	54.1	38.3	2.8	4.4
15:00	986.6	248	258	243	256	60.6	49.6	2.2	3.1
16:00	986.3	289	288	292	289	38.2	31.8	2.7	3.9
17:00	986.1	315	315	320	316	39.3	27.2	3.3	4.8
18:00	985.9	336	331	335	330	30.4	25.7	3.9	5.0
19:00	985.9	325	320	323	321	27.0	21.6	3.0	4.3
20:00	986.1	288	293	289	297	34.7	21.5	1.6	3.1
21:00	986.0	312	252	309	250	31.5	17.1	.8	2.1
22:00	986.1	0	296	359	295	59.5	54.6	.4	.7
23:00	986.4	31	23	13	34	55.0	45.0	.6	.4
Avg	985.9	284	280	251	251	45.1	36.4	2.2	2.2
Max	987.0	341	331	359	360	72.7	70.6	6.3	7.1
Hr. of Max	11	01	18	22	00	06	06	12	12
Min	984.2	0	3	1	4	22.6	17.1	.4	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

6/24/2016

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	3.6	4.6	1.6	2.0	-2.0	.8	-.3	-.2	-.14
01:00	3.2	4.3	1.4	1.9	.5	.4	-.1	.0	-.04
02:00	3.3	4.9	1.5	2.2	.1	.5	-.1	-.1	-.04
03:00	4.9	6.7	2.2	3.0	-.9	.7	-.1	.0	-.04
04:00	5.9	8.3	2.6	3.7	.7	.6	-.1	.0	-.03
05:00	2.9	3.9	1.3	1.7	-2.8	1.0	-.2	-.1	-.11
06:00	4.0	4.9	1.8	2.2	-1.4	.8	-.1	.0	-.05
07:00	3.4	4.4	1.5	2.0	-2.4	1.1	-.2	.0	-.08
08:00	2.5	3.5	1.1	1.6	-4.6	-1.8	-.3	-.2	-.11
09:00	4.7	7.2	2.1	3.2	1.0	1.0	-.3	-.2	-.12
10:00	4.4	5.2	2.0	2.3	2.7	3.1	.1	.2	.04
11:00	5.7	6.7	2.5	3.0	-.3	2.6	.0	.2	-.02
12:00	6.7	7.5	3.0	3.4	-.4	.5	-.2	-.1	-.09
13:00	4.7	5.5	2.1	2.5	1.4	1.7	.0	.1	-.02
14:00	3.9	5.2	1.7	2.3	-2.8	-1.3	-.4	-.3	-.18
15:00	3.4	4.1	1.5	1.8	1.3	.7	.1	.0	.03
16:00	3.3	4.4	1.5	2.0	-5.6	-3.4	-.4	-.4	-.19
17:00	4.2	5.5	1.9	2.5	-4.4	-3.0	-.5	-.4	-.22
18:00	4.4	5.5	1.9	2.4	-3.2	.0	-.4	-.3	-.18
19:00	3.3	4.5	1.5	2.0	-3.5	-1.4	-.4	-.3	-.16
20:00	2.1	3.5	.9	1.6	-1.1	1.5	-.1	.0	-.04
21:00	1.3	2.3	.6	1.0	-3.0	1.9	-.1	.1	-.03
22:00	.8	1.1	.3	.5	-1.3	2.8	.0	.1	-.01
23:00	.8	.7	.4	.3	-1.0	2.3	.0	.0	-.01
Avg	3.6	4.8	1.6	2.1	-1.4	.5	-.2	-.1	-.08
Max	6.7	8.3	3.0	3.7	2.7	3.1	.1	.2	.04
Hr. of Max	12	04	12	04	10	10	15	11	10
Min	.8	.7	.3	.3	-5.6	-3.4	-.5	-.4	-.22
Count	24	24	24	24	24	24	24	24	24
Total									

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Site: Tower "A" (7900 Area)

6/24/2016

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	-.08		14.5	15.2	19.9	20.5	28.5	27.9
01:00	-.02		7.9	8.6	18.7	18.3	25.5	24.9
02:00	-.02		8.1	9.3	18.6	12.7	24.4	23.8
03:00	.01		17.0	20.4	17.6	13.5	23.8	23.2
04:00	-.01		23.9	23.6	20.2	15.4	23.5	22.9
05:00	-.03		11.3	12.8	19.2	18.7	22.8	22.1
06:00	.01		10.4	10.4	15.1	13.4	22.3	21.8
07:00	-.01		9.4	11.8	14.2	13.3	22.2	21.7
08:00	-.08		9.8	11.2	23.0	17.6	22.9	22.1
09:00	-.10		14.5	17.6	26.0	18.9	24.7	23.8
10:00	.09		10.6	11.6	21.3	18.9	25.8	24.9
11:00	.09		13.7	13.2	19.3	16.2	27.2	26.3
12:00	-.05		15.0	13.5	16.9	16.9	28.7	27.9
13:00	.03		15.6	14.6	22.1	19.2	29.8	29.0
14:00	-.15		10.4	12.8	24.7	20.0	30.4	29.6
15:00	.00		9.3	12.3	26.1	24.8	31.2	30.3
16:00	-.16		15.7	13.7	22.0	18.7	31.3	30.6
17:00	-.19		11.8	11.7	21.7	17.4	31.6	30.9
18:00	-.11		11.7	12.6	19.3	18.7	31.4	30.7
19:00	-.13		8.7	10.4	18.4	16.3	30.9	30.2
20:00	-.01		6.7	7.9	21.5	16.3	29.6	29.3
21:00	.04		3.7	5.4	14.8	9.1	27.1	27.8
22:00	.02		2.1	2.8	11.1	8.6	25.3	25.7
23:00	.02		3.3	3.2	7.4	9.5	24.1	24.6
Avg	-.04		11.0	11.9	19.1	16.4	26.9	26.3
Max	.09		23.9	23.6	26.1	24.8	31.6	30.9
Hr. of Max	11		04	04	15	15	17	17
Min	-.19		2.1	2.8	7.4	8.6	22.2	21.7
Count	24	0	24	24	24	24	24	24
Total								