Date Printed: 08/30/2016 02:01

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

Daily Summary Report

Site: Tower "A" (7900 Area)

8/27/2016

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	24.4	25.0	75.9	76.9	.6	21.7	71.1	87.3	19.0
01:00	23.6	23.9	74.5	75.1	.3	21.6	70.9	91.1	18.9
02:00	23.4	23.9	74.1	75.1	.5	21.6	70.9	92.2	18.9
03:00	23.1	23.5	73.6	74.4	.4	21.6	70.8	93.6	18.9
04:00	22.7	23.1	72.8	73.5	.4	21.7	71.0	96.5	19.0
05:00	22.2	22.6	71.9	72.6	.4	21.3	70.4	97.4	18.7
06:00	22.1	22.6	71.8	72.7	.5	21.3	70.4	97.9	18.7
07:00	22.3	22.4	72.1	72.3	.1	21.4	70.5	97.4	18.7
08:00	23.5	23.2	74.2	73.7	-.3	20.2	68.4	84.3	17.4
09:00	25.6	25.2	78.0	77.4	-.3	19.7	67.5	72.0	16.7
10:00	27.5	27.1	81.4	80.7	-.4	19.6	67.3	64.1	16.6
11:00	29.7	29.5	85.5	85.2	-.2	19.7	67.4	56.4	16.5
12:00	31.0	30.7	87.8	87.2	-.3	19.2	66.6	51.2	16.1
13:00	31.6	31.4	88.8	88.5	-.2	19.8	67.6	51.2	16.6
14:00	32.8	32.5	91.0	90.5	-.3	19.4	67.0	46.9	16.2
15:00	32.7	32.5	90.9	90.5	-.2	18.9	65.9	45.4	15.6
16:00	30.6	30.9	87.0	87.7	.4	19.9	67.9	56.8	16.9
17:00	29.9	30.1	85.8	86.2	.3	21.5	70.8	63.1	18.5
18:00	28.1	28.3	82.5	82.9	.2	20.1	68.2	65.2	17.1
19:00	24.6	25.3	76.3	77.5	.7	22.4	72.3	90.1	19.8
20:00	24.2	25.1	75.6	77.3	.9	22.1	71.8	90.5	19.5
21:00	23.5	24.1	74.3	75.4	.6	21.6	70.8	91.6	18.9
22:00	23.0	23.8	73.4	74.8	.8	21.3	70.3	92.5	18.6
23:00	22.9	23.6	73.2	74.5	.7	21.0	69.7	91.2	18.2
Avg	26.0	26.3	78.9	79.3	.2	20.8	69.4	77.7	17.9
Max	32.8	32.5	91.0	90.5	.9	22.4	72.3	97.9	19.8
Hr. of Max	14	15	14	15	20	19	19	06	19
Min	22.1	22.4	71.8	72.3	-.4	18.9	65.9	45.4	15.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/27/2016

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	0.016857	0.019314	26.1	30.68	2433308.8	22.6	.0	.00	29.18
01:00	0.016776	0.018421	25.9	29.26	2435172.2	22.3	.0	.00	29.18
02:00	0.016769	0.018179	25.9	28.87	2435703.7	22.2	.0	.00	29.16
03:00	0.01672	0.017872	25.8	28.37	2436387.2	22.1	.0	.00	29.16
04:00	0.016808	0.017419	26.0	27.64	2437410.2	22.0	.0	.00	29.15
05:00	0.016458	0.016901	25.4	26.82	2438581.9	21.6	.0	.00	29.15
06:00	0.016467	0.016812	25.5	26.69	2438763.1	21.6	.0	.00	29.16
07:00	0.016519	0.016964	25.6	26.94	2438413.7	21.7	.0	.00	29.18
08:00	0.015344	0.018229	23.8	28.97	2435576.6	21.3	.0	.00	29.19
09:00	0.014869	0.020674	23.1	32.89	2430563.8	21.7	.0	.00	29.21
10:00	0.014799	0.023107	23.0	36.76	2426073.4	22.2	.0	.00	29.22
11:00	0.014866	0.026374	23.1	41.95	2420671.9	23.0	.0	.00	29.22
12:00	0.01451	0.028343	22.5	45.08	2417683.7	23.2	.0	.00	29.21
13:00	0.014999	0.029294	23.3	46.57	2416336.0	23.7	.0	.00	29.20
14:00	0.014728	0.031378	22.9	49.85	2413468.5	23.9	.0	.00	29.19
15:00	0.014219	0.031312	22.1	49.71	2413580.9	23.5	.0	.00	29.16
16:00	0.015287	0.027965	23.7	44.38	2418711.1	23.5	.6	.00	29.15
17:00	0.016783	0.026666	25.9	42.30	2420343.7	24.3	.0	.00	29.14
18:00	0.015347	0.024162	23.8	38.35	2424654.4	22.8	2.7	.00	29.16
19:00	0.017582	0.019523	27.1	31.01	2432877.6	23.1	.1	.00	29.16
20:00	0.017275	0.0191	26.7	30.35	2433733.9	22.8	.0	.00	29.18
21:00	0.016699	0.018245	25.9	29.01	2435518.6	22.2	.0	.00	29.20
22:00	0.016366	0.017705	25.4	28.16	2436675.3	21.8	.1	.00	29.22
23:00	0.016053	0.017612	24.9	28.02	2436868.3	21.6	.0	.00	29.22
Avg	0.015963	0.021732	24.7	34.53	2429461.6	22.5	.1	.00	29.18
Max	0.017582	0.031378	27.1	49.85	2438763.1	24.3	2.7	.00	29.22
Hr. of Max	19	14	19	14	06	17	18	23	23
Min	0.014219	0.016812	22.1	26.69	2413468.5	21.3	.0	.00	29.14
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/27/2016

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	988.0	233	162	242	92	38.0	38.7	.1	.4
01:00	988.1	273	260	282	263	51.1	45.8	.2	1.0
02:00	987.6	70	90	74	85	43.7	32.4	.9	1.3
03:00	987.4	332	85	341	73	55.0	49.7	.4	.9
04:00	987.1	50	76	43	72	63.1	57.3	.6	1.3
05:00	987.2	263	276	260	263	63.0	43.3	.2	.8
06:00	987.4	55	80	56	81	16.0	9.0	2.2	3.2
07:00	988.0	65	71	60	67	20.5	9.0	1.6	2.8
08:00	988.6	80	77	79	76	25.5	16.3	2.3	3.2
09:00	989.0	57	63	61	65	26.9	19.4	3.0	4.0
10:00	989.4	80	79	81	78	28.9	22.4	3.4	4.0
11:00	989.5	159	188	171	204	69.7	59.1	.6	.6
12:00	989.2	132	143	136	144	52.7	50.6	2.2	2.2
13:00	988.8	310	308	312	306	56.3	44.2	2.6	3.8
14:00	988.3	243	268	263	285	78.6	68.1	1.2	2.3
15:00	987.6	343	340	345	338	48.6	40.2	2.3	2.9
16:00	987.1	129	125	130	133	37.5	33.3	1.1	1.6
17:00	986.7	146	163	134	137	55.8	43.6	2.5	2.4
18:00	987.5	105	106	110	107	41.2	32.2	4.9	6.7
19:00	987.6	2	91	8	122	41.6	36.3	.8	.5
20:00	988.2	81	90	81	94	40.6	39.5	2.4	3.3
21:00	988.9	54	70	58	72	35.4	22.2	2.0	4.0
22:00	989.4	77	84	76	81	22.4	8.3	2.3	4.8
23:00	989.5	68	77	68	74	35.3	14.3	2.1	4.5
Avg	988.2	68	94	72	72	43.6	34.8	1.3	1.3
Max	989.5	343	340	345	338	78.6	68.1	4.9	6.7
Hr. of Max	23	15	15	15	15	14	14	18	18
Min	986.7	2	63	8	65	16.0	8.3	.1	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/27/2016

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	1.7	2.3	.7	1.0	.1	4.4	.0	.1	-.01
01:00	.6	1.3	.3	.6	-2.4	4.5	.0	.1	-.01
02:00	1.3	1.6	.6	.7	-4.8	2.9	-.1	.1	-.05
03:00	1.4	1.5	.6	.7	-1.8	2.6	.0	.1	-.02
04:00	1.3	1.7	.6	.8	-2.7	2.1	-.1	.0	-.03
05:00	1.6	1.9	.7	.8	-4.4	1.6	-.1	.0	-.06
06:00	2.3	3.4	1.0	1.5	-3.7	-.1	-.2	.0	-.07
07:00	1.7	2.9	.8	1.3	-4.3	-1.9	-.2	-.1	-.07
08:00	2.4	3.3	1.1	1.5	2.4	2.4	.0	.1	.01
09:00	3.6	4.2	1.6	1.9	.9	.9	-.1	.0	-.04
10:00	3.8	4.3	1.7	1.9	.1	-2.2	-.1	-.2	-.04
11:00	2.8	3.1	1.3	1.4	6.3	9.4	.3	.6	.14
12:00	3.3	3.3	1.5	1.5	2.0	3.7	.1	.2	.05
13:00	4.3	5.2	1.9	2.3	-3.1	-2.5	-.4	-.3	-.18
14:00	4.2	5.0	1.9	2.3	2.1	6.0	.0	.4	.00
15:00	3.8	4.6	1.7	2.0	-1.7	-.9	-.3	-.3	-.14
16:00	3.3	3.7	1.5	1.7	-1.0	-2.1	-.1	-.1	-.03
17:00	3.1	3.5	1.4	1.6	-.2	4.8	.0	.2	-.01
18:00	6.0	7.4	2.7	3.3	2.2	2.2	.1	.1	.03
19:00	2.0	2.5	.9	1.1	-3.6	.2	-.1	.0	-.05
20:00	3.4	4.6	1.5	2.0	.3	1.6	.0	.1	.00
21:00	2.3	4.2	1.0	1.9	-3.8	-.2	-.1	.0	-.06
22:00	2.5	4.9	1.1	2.2	-2.1	.4	-.1	.0	-.04
23:00	2.4	4.7	1.1	2.1	-.7	1.4	-.1	.1	-.03
Avg	2.7	3.5	1.2	1.6	-1.0	1.7	-.1	.1	-.03
Max	6.0	7.4	2.7	3.3	6.3	9.4	.3	.6	.14
Hr. of Max	18	18	18	18	11	11	11	11	11
Min	.6	1.3	.3	.6	-4.8	-2.5	-.4	-.3	-.18
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	.05		3.6	5.4	12.2	11.1	27.0	26.8
01:00	.04		1.9	2.7	11.6	10.1	26.2	25.7
02:00	.03		3.7	4.1	8.4	8.5	26.0	25.7
03:00	.02		3.5	3.4	10.2	11.3	25.7	25.4
04:00	.01		3.4	3.3	11.9	10.8	25.3	24.9
05:00	.01		4.2	5.4	11.3	9.4	24.7	24.4
06:00	.00		4.4	5.3	7.1	3.6	24.7	24.4
07:00	-.04		3.7	5.3	11.0	4.7	24.8	24.2
08:00	.04		8.6	8.7	19.4	14.8	25.8	25.0
09:00	-.02		8.2	8.9	20.5	18.7	27.9	26.9
10:00	-.09		8.4	9.2	21.3	19.8	29.6	28.7
11:00	.27		7.8	8.1	31.6	33.6	31.9	31.0
12:00	.11		8.5	8.5	24.6	26.9	32.8	31.9
13:00	-.15		12.7	13.5	23.4	21.2	33.5	32.6
14:00	.16		14.6	14.9	28.1	26.5	34.5	33.6
15:00	-.12		11.9	10.2	25.9	22.8	34.6	33.6
16:00	-.04		9.8	11.4	22.0	20.7	32.8	32.5
17:00	.08		14.2	16.8	19.9	20.1	32.3	31.8
18:00	.04		21.8	24.7	15.1	13.3	30.2	29.6
19:00	.00		5.0	6.0	11.6	13.4	27.3	27.2
20:00	.04		10.1	14.2	11.1	7.8	26.9	26.9
21:00	-.01		5.9	9.5	13.4	8.8	26.0	25.8
22:00	.01		6.1	10.1	10.1	4.9	25.5	25.4
23:00	.03		6.4	10.5	12.6	6.6	25.4	25.3
Avg	.02		7.9	9.2	16.4	14.6	28.4	27.9
Max	.27		21.8	24.7	31.6	33.6	34.6	33.6
Hr. of Max	11		18	18	11	11	15	15
Min	-.15		1.9	2.7	7.1	3.6	24.7	24.2
Count	24	0	24	24	24	24	24	24
Total								