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)

8/26/2016

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	23.1	23.5	73.6	74.3	.4	21.7	71.0	94.2	19.0
01:00	22.6	23.0	72.8	73.3	.3	21.5	70.8	96.0	18.9
02:00	22.3	22.6	72.1	72.7	.3	21.3	70.4	96.9	18.7
03:00	22.0	22.2	71.6	71.9	.2	21.1	70.1	97.4	18.5
04:00	21.8	22.3	71.3	72.1	.4	21.0	69.9	97.8	18.4
05:00	21.7	22.3	71.0	72.1	.6	20.9	69.6	97.8	18.2
06:00	21.3	21.7	70.4	71.0	.3	20.6	69.0	97.8	17.9
07:00	21.4	21.7	70.4	71.1	.4	20.6	69.0	97.8	17.9
08:00	22.2	22.3	72.0	72.1	.0	21.5	70.7	98.2	18.9
09:00	22.9	22.8	73.2	73.0	-.1	21.3	70.3	93.5	18.6
10:00	25.2	24.2	77.4	75.5	-1.0	20.6	69.1	77.9	17.7
11:00	28.2	25.7	82.7	78.3	-2.5	21.0	69.9	67.2	18.1
12:00	30.3	29.9	86.5	85.8	-.4	20.4	68.7	57.2	17.2
13:00	31.2	30.8	88.2	87.5	-.4	20.2	68.3	53.6	17.0
14:00	32.2	31.8	89.9	89.2	-.4	20.2	68.3	50.8	17.0
15:00	32.7	32.3	90.9	90.2	-.4	19.3	66.7	46.6	16.0
16:00	33.1	32.8	91.6	91.0	-.3	19.0	66.2	44.9	15.8
17:00	33.3	33.0	91.9	91.4	-.3	18.6	65.5	43.3	15.3
18:00	32.7	32.6	90.9	90.7	-.1	19.0	66.1	45.7	15.7
19:00	30.7	31.2	87.3	88.2	.5	20.3	68.6	55.7	17.2
20:00	28.3	29.7	82.9	85.4	1.4	21.0	69.7	66.5	18.0
21:00	26.6	27.8	79.8	82.1	1.2	21.3	70.3	74.8	18.4
22:00	25.6	26.5	78.1	79.7	.9	21.6	70.8	80.7	18.7
23:00	24.9	25.8	76.8	78.4	.9	21.6	70.8	84.1	18.8
Avg	26.5	26.6	79.7	79.9	.1	20.7	69.2	75.7	17.7
Max	33.3	33.0	91.9	91.4	1.4	21.7	71.0	98.2	19.0
Hr. of Max	17	17	17	17	20	00	00	08	00
Min	21.3	21.7	70.4	71.0	-2.5	18.6	65.5	43.3	15.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/26/2016

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	0.016787	0.017824	26.0	28.33	2436443.9	22.1	.0	.00	29.19
01:00	0.016649	0.01735	25.8	27.57	2437498.3	21.9	.0	.00	29.19
02:00	0.016447	0.01698	25.5	26.99	2438336.6	21.7	.0	.00	29.20
03:00	0.016236	0.016663	25.1	26.49	2439063.5	21.4	.0	.00	29.19
04:00	0.016132	0.016493	25.0	26.22	2439461.0	21.3	.0	.00	29.19
05:00	0.016011	0.016363	24.8	26.00	2439789.2	21.2	.0	.00	29.20
06:00	0.01568	0.016029	24.3	25.47	2440584.0	20.8	.0	.00	29.19
07:00	0.015667	0.016019	24.3	25.48	2440577.6	20.8	.0	.00	29.20
08:00	0.016591	0.016903	25.7	26.89	2438483.7	21.7	.0	.00	29.22
09:00	0.016402	0.017566	25.4	27.95	2436980.8	21.8	.0	.00	29.22
10:00	0.015726	0.020248	24.4	32.23	2431450.0	22.1	.0	.00	29.23
11:00	0.016188	0.024118	25.1	38.38	2424334.3	23.4	.0	.00	29.23
12:00	0.015561	0.027211	24.2	43.29	2419363.0	23.7	.0	.00	29.22
13:00	0.015397	0.028722	23.9	45.67	2417140.1	23.9	.0	.00	29.21
14:00	0.015405	0.030327	23.9	48.20	2414890.9	24.2	.0	.00	29.19
15:00	0.014579	0.031265	22.6	49.63	2413647.0	23.7	.0	.00	29.16
16:00	0.014369	0.032003	22.3	50.76	2412696.8	23.7	.0	.00	29.13
17:00	0.013994	0.032328	21.7	51.27	2412270.1	23.5	.0	.00	29.13
18:00	0.014334	0.031399	22.2	49.77	2413535.3	23.6	.0	.00	29.12
19:00	0.015551	0.028006	24.1	44.40	2418341.7	23.8	.0	.00	29.12
20:00	0.016148	0.024295	25.0	38.55	2424139.5	23.4	.0	.00	29.14
21:00	0.016417	0.021975	25.4	34.90	2428167.8	23.0	.0	.00	29.16
22:00	0.016698	0.020706	25.8	32.91	2430511.8	22.9	.0	.00	29.17
23:00	0.016717	0.019867	25.9	31.55	2432191.6	22.7	.0	.00	29.17
Avg	0.01582	0.022528	24.5	35.79	2428329.1	22.6	.0	.00	29.18
Max	0.016787	0.032328	26.0	51.27	2440584.0	24.2	.0	.00	29.23
Hr. of Max	00	17	00	17	06	14	23	23	11
Min	0.013994	0.016019	21.7	25.47	2412270.1	20.8	.0	.00	29.12
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/26/2016

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	988.4	281	237	292	237	53.1	40.4	.3	.5
01:00	988.6	263	271	267	272	58.4	46.1	.5	1.2
02:00	988.7	254	251	249	256	56.8	29.9	.6	1.3
03:00	988.6	259	253	232	258	72.6	41.4	.1	1.2
04:00	988.6	81	92	42	77	68.3	59.5	.3	.3
05:00	988.6	25	89	30	95	38.8	49.7	.6	1.1
06:00	988.6	99	67	124	80	48.7	30.4	.3	.7
07:00	988.9	85	85	75	85	52.7	25.1	.5	1.5
08:00	989.4	53	69	52	62	52.6	33.2	1.6	2.3
09:00	989.6	78	77	76	74	29.4	20.3	3.0	3.7
10:00	989.9	77	79	75	78	29.7	25.3	3.7	4.6
11:00	990.0	74	71	75	71	26.8	21.8	4.5	5.5
12:00	989.6	89	81	91	81	36.4	27.9	4.6	5.9
13:00	989.1	58	62	54	59	44.6	39.0	4.1	5.3
14:00	988.4	73	77	75	76	40.0	32.4	4.7	6.0
15:00	987.4	73	72	75	72	33.0	24.0	5.6	7.6
16:00	986.6	55	59	54	58	37.4	26.8	5.1	7.0
17:00	986.4	57	61	56	62	36.1	27.6	4.4	5.9
18:00	986.1	47	56	48	56	27.5	17.9	4.6	6.7
19:00	986.2	50	69	52	68	38.2	9.1	1.7	3.4
20:00	986.9	19	78	16	72	31.9	15.8	1.0	1.4
21:00	987.5	357	75	2	56	63.8	59.1	.5	.4
22:00	987.8	241	255	227	248	52.7	59.4	.5	.5
23:00	987.8	6	340	14	337	52.3	35.7	.6	.5
Avg	988.2	50	69	72	72	45.1	33.2	1.2	1.2
Max	990.0	357	340	292	337	72.6	59.5	5.6	7.6
Hr. of Max	11	21	23	00	23	03	04	15	15
Min	986.1	6	56	2	56	26.8	9.1	.1	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/26/2016

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	1.2	1.2	.5	.5	-3.2	3.2	-.1	.1	-.03
01:00	1.2	1.5	.6	.7	-1.8	3.6	.0	.1	-.02
02:00	1.3	1.9	.6	.9	-1.1	3.9	.0	.1	-.02
03:00	1.1	1.6	.5	.7	-3.2	.4	-.1	.0	-.03
04:00	1.5	1.5	.7	.7	-1.6	1.1	.0	.0	-.02
05:00	1.4	1.4	.6	.6	-1.3	1.5	.0	.0	-.02
06:00	.8	1.1	.4	.5	-1.2	3.8	.0	.1	-.01
07:00	1.1	1.7	.5	.8	2.4	5.0	.0	.2	.02
08:00	2.0	2.5	.9	1.1	.5	2.5	.0	.0	-.01
09:00	3.3	4.0	1.5	1.8	1.8	.6	-.1	.0	-.02
10:00	4.4	5.1	2.0	2.3	2.0	1.5	-.1	-.1	-.02
11:00	5.2	5.9	2.3	2.6	-1.5	-2.8	-.3	-.5	-.15
12:00	5.8	6.8	2.6	3.0	5.2	3.3	.3	.2	.14
13:00	5.3	6.3	2.4	2.8	1.8	-.5	-.1	-.2	-.03
14:00	5.8	6.8	2.6	3.1	1.5	1.8	-.2	-.1	-.07
15:00	6.6	8.2	2.9	3.7	1.5	-1.3	-.1	-.4	-.06
16:00	6.0	7.6	2.7	3.4	2.5	1.5	-.1	-.2	-.07
17:00	5.3	6.5	2.4	2.9	1.8	3.7	-.1	.1	-.06
18:00	5.0	7.0	2.2	3.1	.2	.8	-.2	-.2	-.10
19:00	1.8	3.4	.8	1.5	-2.2	2.9	-.1	.1	-.04
20:00	1.1	1.4	.5	.6	-2.0	3.8	.0	.1	-.02
21:00	1.0	1.2	.5	.5	-1.8	3.9	.0	.1	-.02
22:00	.8	.6	.3	.3	-.1	4.5	.0	.1	.00
23:00	1.2	1.2	.5	.5	-3.4	1.4	-.1	.0	-.04
Avg	2.9	3.6	1.3	1.6	-.1	2.1	-.1	.0	-.03
Max	6.6	8.2	2.9	3.7	5.2	5.0	.3	.2	.14
Hr. of Max	15	15	15	15	12	07	12	12	12
Min	.8	.6	.3	.3	-3.4	-2.8	-.3	-.5	-.15
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

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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		2.9	2.6	11.6	13.0	25.7	25.3
01:00	.04		2.7	3.2	10.0	9.3	25.2	24.8
02:00	.05		3.3	4.1	13.1	9.3	24.8	24.4
03:00	.00		2.9	3.6	14.1	11.4	24.5	24.0
04:00	.01		3.9	3.9	10.7	14.0	24.4	24.1
05:00	.01		3.4	3.2	8.8	10.0	24.2	24.1
06:00	.03		2.6	3.0	9.4	8.4	23.8	23.5
07:00	.07		3.1	4.5	15.1	12.5	23.8	23.5
08:00	.01		7.9	9.8	19.1	16.1	24.8	24.0
09:00	-.02		8.0	9.1	21.5	17.7	25.7	24.8
10:00	-.02		11.7	12.6	21.2	21.0	28.2	27.2
11:00	-.21		11.8	12.6	20.6	18.0	30.5	29.5
12:00	.09		14.4	14.3	22.3	21.2	32.3	31.3
13:00	-.10		13.4	15.0	22.5	21.4	33.2	32.2
14:00	-.04		13.7	14.6	22.2	21.0	34.1	33.1
15:00	-.19		15.6	17.4	20.3	17.6	34.5	33.5
16:00	-.09		16.3	17.7	22.4	19.4	35.0	34.0
17:00	.04		12.8	14.7	21.4	20.0	35.1	34.2
18:00	-.07		15.0	15.7	19.2	15.8	34.6	33.9
19:00	.04		8.4	10.8	11.0	7.1	32.8	32.5
20:00	.04		3.1	4.0	9.0	7.1	30.6	31.0
21:00	.03		3.3	2.9	9.7	8.6	29.0	29.3
22:00	.03		2.7	2.6	9.4	10.9	28.1	28.2
23:00	.01		3.1	2.9	8.6	9.4	27.4	27.5
Avg	-.01		7.8	8.5	15.6	14.2	28.8	28.3
Max	.09		16.3	17.7	22.5	21.4	35.1	34.2
Hr. of Max	12		16	16	13	13	17	17
Min	-.21		2.6	2.6	8.6	7.1	23.8	23.5
Count	24	0	24	24	24	24	24	24
Total								