Date Printed: 09/12/2016 10:05

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

Daily Summary Report

Site: Tower "A" (7900 Area)

9/10/2016

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	21.4	22.3	70.4	72.1	.9	17.5	63.4	80.3	14.7
01:00	20.5	21.5	69.0	70.7	1.0	17.4	63.4	84.1	14.7
02:00	19.9	20.7	67.8	69.3	.8	17.3	63.2	87.0	14.7
03:00	19.2	19.7	66.6	67.5	.5	17.2	62.9	89.8	14.6
04:00	18.6	19.3	65.5	66.8	.7	17.0	62.5	92.1	14.4
05:00	18.2	18.9	64.8	66.0	.7	16.8	62.2	93.3	14.3
06:00	17.7	18.1	63.9	64.6	.4	16.5	61.6	94.2	14.0
07:00	17.6	18.0	63.6	64.5	.5	16.1	61.0	93.0	13.7
08:00	19.0	19.1	66.2	66.3	.1	15.1	59.2	79.8	12.8
09:00	22.5	22.5	72.5	72.4	-.1	15.1	59.1	64.4	12.6
10:00	25.9	25.8	78.7	78.4	-.1	14.4	57.9	50.2	12.0
11:00	28.7	28.3	83.6	83.0	-.3	15.1	59.1	44.7	12.4
12:00	30.2	29.9	86.4	85.8	-.4	15.4	59.7	41.9	12.7
13:00	30.7	30.4	87.2	86.7	-.3	15.9	60.7	42.2	13.1
14:00	30.9	30.6	87.7	87.1	-.3	16.4	61.6	43.0	13.5
15:00	31.8	31.5	89.3	88.6	-.4	15.9	60.5	39.5	13.0
16:00	32.5	32.1	90.4	89.7	-.4	15.3	59.6	36.8	12.5
17:00	32.9	32.6	91.2	90.6	-.3	14.5	58.1	34.1	11.9
18:00	32.3	32.2	90.1	90.0	-.1	14.8	58.6	35.9	12.1
19:00	30.8	31.0	87.4	87.8	.2	15.9	60.6	42.0	13.1
20:00	27.5	27.5	81.5	81.5	.0	17.2	63.0	55.1	14.3
21:00	23.6	23.9	74.5	74.9	.2	18.4	65.1	74.6	15.5
22:00	22.1	22.3	71.8	72.2	.2	18.0	64.5	79.6	15.2
23:00	21.7	21.9	71.0	71.4	.2	17.7	63.8	79.6	14.9
Avg	24.8	25.0	76.7	77.0	.2	16.3	61.3	64.9	13.6
Max	32.9	32.6	91.2	90.6	1.0	18.4	65.1	94.2	15.5
Hr. of Max	17	17	17	17	01	21	21	06	21
Min	17.6	18.0	63.6	64.5	-.4	14.4	57.9	34.1	11.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

9/10/2016

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	0.012899	0.016077	20.0	25.49	2440563.7	18.8	.0	.00	29.12
01:00	0.012872	0.0153	20.0	24.24	2442493.5	18.5	.0	.00	29.11
02:00	0.012791	0.014706	19.9	23.30	2444012.4	18.2	.0	.00	29.10
03:00	0.012653	0.014096	19.6	22.33	2445632.1	17.9	.0	.00	29.10
04:00	0.012479	0.013555	19.4	21.48	2447103.3	17.5	.0	.00	29.10
05:00	0.012335	0.013222	19.2	20.95	2448052.0	17.3	.0	.00	29.11
06:00	0.012076	0.012819	18.8	20.32	2449205.9	16.9	.0	.00	29.12
07:00	0.011779	0.012665	18.3	20.10	2449604.0	16.6	.0	.00	29.14
08:00	0.011058	0.013886	17.2	22.04	2446165.2	16.4	.0	.00	29.16
09:00	0.011044	0.017257	17.2	27.41	2437810.2	17.5	.0	.00	29.17
10:00	0.010586	0.021147	16.5	33.60	2429729.8	18.2	.0	.00	29.18
11:00	0.0111	0.024855	17.3	39.48	2423190.7	19.6	.0	.00	29.18
12:00	0.011379	0.027159	17.7	43.12	2419534.7	20.3	.0	.00	29.16
13:00	0.011779	0.027901	18.3	44.25	2418451.3	20.8	.0	.00	29.14
14:00	0.012179	0.028356	18.9	44.94	2417811.2	21.3	.0	.00	29.11
15:00	0.011779	0.029842	18.3	47.25	2415733.9	21.2	.0	.00	29.08
16:00	0.011387	0.030985	17.7	49.01	2414181.0	21.0	.0	.00	29.05
17:00	0.010808	0.031715	16.8	50.12	2413231.3	20.6	.0	.00	29.03
18:00	0.01101	0.030651	17.1	48.47	2414642.4	20.6	.0	.00	29.05
19:00	0.011801	0.028181	18.3	44.58	2418159.7	20.9	.0	.00	29.06
20:00	0.012756	0.023305	19.8	36.91	2425964.8	20.6	.0	.00	29.09
21:00	0.013711	0.01848	21.3	29.31	2435178.3	20.1	.5	.00	29.13
22:00	0.013379	0.01682	20.8	26.68	2438779.3	19.4	.0	.00	29.14
23:00	0.013037	0.016377	20.3	26.01	2439780.6	19.0	.0	.00	29.17
Avg	0.012028	0.020807	18.7	32.97	2432292.1	19.1	.0	.00	29.12
Max	0.013711	0.031715	21.3	50.12	2449604.0	21.3	.5	.00	29.18
Hr. of Max	21	17	21	17	07	14	21	23	11
Min	0.010586	0.012665	16.5	20.10	2413231.3	16.4	.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)

9/10/2016

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	986.0	322	239	317	241	42.0	21.2	.3	.5
01:00	985.6	245	278	234	277	47.1	25.5	.2	.6
02:00	985.4	278	261	280	258	53.3	27.0	.4	1.0
03:00	985.4	225	245	233	247	47.4	18.5	.6	1.6
04:00	985.3	316	227	333	225	58.6	25.2	.5	.9
05:00	985.8	240	250	235	252	59.7	18.0	.6	1.7
06:00	986.2	234	246	226	250	31.7	18.4	.6	1.4
07:00	986.8	1	221	350	239	50.6	36.6	.3	.6
08:00	987.4	155	243	157	247	33.3	62.2	.6	.6
09:00	987.9	204	234	207	242	54.6	53.4	1.4	1.7
10:00	988.1	258	264	252	261	50.9	43.0	1.8	2.7
11:00	988.0	197	207	198	209	39.8	37.1	4.3	4.6
12:00	987.6	218	226	215	225	29.8	24.2	5.5	6.7
13:00	986.6	239	247	233	247	44.4	30.5	4.5	6.7
14:00	985.8	210	220	209	219	27.6	25.4	6.9	8.4
15:00	984.7	208	218	206	217	46.8	40.9	5.5	6.6
16:00	983.7	213	222	210	223	35.3	27.2	6.3	7.6
17:00	983.0	207	211	206	211	29.1	26.7	5.9	7.2
18:00	983.6	220	227	213	223	27.5	20.5	3.7	5.1
19:00	984.0	256	250	255	255	39.0	25.5	1.4	3.1
20:00	985.2	306	308	310	309	56.8	39.0	3.5	5.2
21:00	986.3	263	277	269	281	37.5	23.9	3.8	6.5
22:00	986.7	231	234	229	236	34.5	19.3	2.4	4.1
23:00	987.7	240	228	233	220	49.9	35.5	.9	1.4
Avg	986.0	240	240	234	234	42.8	30.2	1.1	1.1
Max	988.1	322	308	350	309	59.7	62.2	6.9	8.4
Hr. of Max	10	00	20	07	20	05	08	14	14
Min	983.0	1	207	157	209	27.5	18.0	.2	.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

9/10/2016

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	.9	.9	.4	.4	-3.0	2.5	.0	.0	-.02
01:00	.5	.7	.2	.3	-.8	2.9	.0	.0	.00
02:00	.8	1.1	.4	.5	.7	3.8	.0	.1	.01
03:00	1.0	1.7	.5	.8	-.7	3.0	.0	.1	.00
04:00	.8	1.1	.4	.5	-.2	2.1	.0	.1	.00
05:00	.9	1.8	.4	.8	-1.3	4.1	.0	.1	-.01
06:00	.8	1.5	.4	.7	-3.0	2.1	.0	.1	-.02
07:00	.8	.8	.4	.4	-1.6	3.0	.0	.1	-.01
08:00	1.0	1.0	.5	.4	1.3	2.4	.0	.1	.02
09:00	2.0	2.3	.9	1.0	5.3	11.1	.2	.5	.08
10:00	2.8	3.6	1.3	1.6	3.1	11.2	.1	.6	.05
11:00	4.9	5.3	2.2	2.4	3.3	4.4	.2	.4	.10
12:00	6.5	7.5	2.9	3.3	-1.0	-1.3	-.2	-.3	-.09
13:00	6.1	8.0	2.7	3.6	.2	.5	-.2	-.2	-.11
14:00	7.6	9.2	3.4	4.1	2.1	2.7	.1	.2	.03
15:00	6.8	8.0	3.0	3.6	2.7	4.0	.1	.4	.05
16:00	7.7	8.9	3.5	4.0	2.0	3.0	.0	.2	.00
17:00	6.6	7.9	3.0	3.5	1.6	3.0	.0	.2	.00
18:00	4.1	5.4	1.8	2.4	.9	1.7	.0	.0	.01
19:00	1.9	3.5	.8	1.6	-1.8	1.0	-.1	.0	-.05
20:00	4.5	6.0	2.0	2.7	-6.5	-4.3	-.7	-.7	-.30
21:00	4.9	7.3	2.2	3.3	-1.9	-.2	-.4	-.3	-.20
22:00	2.9	4.4	1.3	2.0	.1	1.0	-.1	.0	-.03
23:00	2.5	3.2	1.1	1.5	2.3	1.2	.0	.1	.01
Avg	3.3	4.2	1.5	1.9	.2	2.7	.0	.1	-.02
Max	7.7	9.2	3.5	4.1	5.3	11.2	.2	.6	.10
Hr. of Max	16	14	16	14	09	10	11	10	11
Min	.5	.7	.2	.3	-6.5	-4.3	-.7	-.7	-.30
Count	24	24	24	24	24	24	24	24	24
Total									

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9/10/2016

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	.02		2.2	2.0	8.0	5.7	23.4	23.6
01:00	.02		1.6	1.4	6.5	6.9	22.6	22.8
02:00	.04		2.0	2.3	8.9	10.2	22.0	22.1
03:00	.04		2.3	3.4	10.9	8.2	21.3	21.0
04:00	.02		2.8	2.8	9.4	8.1	20.7	20.6
05:00	.06		2.4	3.2	9.8	6.2	20.3	20.2
06:00	.03		2.1	2.6	11.8	8.4	19.7	19.4
07:00	.02		2.5	2.0	8.4	7.5	19.6	19.3
08:00	.03		3.2	2.7	23.5	19.7	20.9	20.3
09:00	.21		6.7	6.7	27.0	26.6	24.4	23.6
10:00	.28		8.5	9.5	28.9	28.5	27.6	26.7
11:00	.18		11.9	13.6	23.7	24.8	29.9	28.9
12:00	-.12		18.8	19.2	19.6	18.5	31.4	30.4
13:00	-.09		22.5	19.2	22.2	19.1	32.0	31.1
14:00	.10		19.4	21.6	17.9	16.9	32.2	31.3
15:00	.17		17.8	19.2	20.3	20.0	33.0	32.1
16:00	.09		18.0	22.7	19.6	17.8	33.6	32.7
17:00	.09		19.5	19.4	18.4	18.0	34.0	33.1
18:00	.02		13.2	15.7	19.6	14.4	33.6	32.8
19:00	.00		5.1	7.7	16.9	13.2	32.3	31.8
20:00	-.30		22.1	28.0	25.5	22.9	29.3	28.5
21:00	-.14		21.9	25.6	21.7	16.6	25.8	25.2
22:00	.01		9.4	11.7	18.4	12.7	24.3	23.7
23:00	.04		7.4	8.4	18.8	15.1	23.8	23.2
Avg	.03		10.1	11.3	17.3	15.3	26.6	26.0
Max	.28		22.5	28.0	28.9	28.5	34.0	33.1
Hr. of Max	10		13	20	10	10	17	17
Min	-.30		1.6	1.4	6.5	5.7	19.6	19.3
Count	24	0	24	24	24	24	24	24
Total								