Date Printed: 08/15/2016 02:42

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

Daily Summary Report

Site: Tower "A" (7900 Area)

8/13/2016

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	25.5	26.4	77.9	79.4	.8	20.9	69.6	77.8	18.0
01:00	24.5	25.2	76.2	77.3	.6	21.2	70.2	84.1	18.4
02:00	25.3	25.7	77.5	78.2	.4	21.2	70.2	80.4	18.4
03:00	25.0	25.2	76.9	77.3	.2	21.1	70.0	81.3	18.3
04:00	24.9	25.2	76.9	77.3	.3	21.3	70.4	82.6	18.5
05:00	24.2	24.6	75.6	76.3	.4	21.3	70.3	86.0	18.5
06:00	23.5	24.0	74.4	75.1	.4	21.3	70.3	89.6	18.5
07:00	23.3	23.8	74.0	74.8	.4	20.5	68.8	86.1	17.6
08:00	24.9	24.8	76.8	76.7	-.1	19.8	67.6	75.2	16.8
09:00	26.3	26.2	79.4	79.1	-.2	19.7	67.5	68.9	16.7
10:00	27.2	27.1	81.0	80.7	-.2	19.9	67.9	66.1	16.9
11:00	28.0	27.8	82.5	82.1	-.2	19.9	67.9	63.2	16.9
12:00	29.1	28.8	84.4	83.9	-.3	19.4	66.9	57.3	16.3
13:00	30.4	30.0	86.7	86.0	-.4	19.1	66.3	52.4	15.9
14:00	31.0	30.6	87.7	87.0	-.4	18.6	65.5	49.3	15.4
15:00	31.2	30.9	88.1	87.5	-.3	18.0	64.5	46.9	14.9
16:00	31.0	30.7	87.8	87.3	-.2	18.1	64.6	47.8	15.0
17:00	31.3	31.0	88.4	87.9	-.3	18.3	64.9	47.3	15.1
18:00	30.6	30.5	87.2	87.0	-.1	18.8	65.8	50.7	15.6
19:00	30.3	30.3	86.5	86.5	.0	18.9	66.0	52.2	15.8
20:00	28.1	28.8	82.6	83.8	.7	20.4	68.7	64.9	17.3
21:00	27.0	27.9	80.5	82.2	.9	20.7	69.3	70.7	17.7
22:00	26.7	27.3	80.0	81.2	.7	20.1	68.1	68.9	17.0
23:00	25.5	26.8	77.9	80.3	1.3	19.9	67.8	73.1	16.9
Avg	27.3	27.5	81.1	81.5	.2	19.9	67.9	67.6	16.9
Max	31.3	31.0	88.4	87.9	1.3	21.3	70.4	89.6	18.5
Hr. of Max	17	17	17	17	23	06	04	06	06
Min	23.3	23.8	74.0	74.8	-.4	18.0	64.5	46.9	14.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/13/2016

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	0.016093	0.020703	24.8	32.77	2430695.9	22.4	.0	.00	29.06
01:00	0.016389	0.019501	25.3	30.89	2433031.6	22.3	.0	.00	29.07
02:00	0.016393	0.020392	25.3	32.29	2431269.5	22.6	.0	.00	29.07
03:00	0.016287	0.020038	25.1	31.70	2432001.6	22.4	.0	.00	29.06
04:00	0.016524	0.020011	25.5	31.65	2432070.2	22.5	.0	.00	29.05
05:00	0.01647	0.019154	25.4	30.30	2433790.0	22.3	.0	.00	29.06
06:00	0.016474	0.018388	25.4	29.10	2435393.6	22.0	.0	.00	29.07
07:00	0.015639	0.018172	24.1	28.77	2435847.2	21.4	.0	.00	29.08
08:00	0.014981	0.019954	23.2	31.61	2432133.0	21.5	.0	.00	29.10
09:00	0.014944	0.021706	23.1	34.41	2428729.5	21.9	.0	.00	29.11
10:00	0.015138	0.022889	23.4	36.27	2426595.7	22.4	.0	.00	29.11
11:00	0.015147	0.023991	23.4	38.04	2424680.3	22.6	.0	.00	29.12
12:00	0.014649	0.025567	22.7	40.52	2422096.4	22.6	.0	.00	29.11
13:00	0.014395	0.027499	22.3	43.56	2419100.9	22.8	.0	.00	29.10
14:00	0.013979	0.028382	21.7	44.97	2417785.5	22.7	.0	.00	29.10
15:00	0.013501	0.028772	20.9	45.57	2417226.8	22.4	.0	.00	29.09
16:00	0.013592	0.02845	21.1	45.04	2417711.3	22.4	.0	.00	29.08
17:00	0.013701	0.029006	21.2	45.91	2416927.8	22.6	.0	.00	29.07
18:00	0.014141	0.02792	21.9	44.18	2418517.0	22.7	.0	.00	29.07
19:00	0.014258	0.027344	22.1	43.27	2419373.0	22.7	.0	.00	29.07
20:00	0.01559	0.024108	24.1	38.17	2424571.3	22.9	.0	.00	29.09
21:00	0.015911	0.022518	24.6	35.69	2427255.3	22.8	.0	.00	29.10
22:00	0.015243	0.022133	23.6	35.10	2427933.2	22.3	.0	.00	29.12
23:00	0.015085	0.020673	23.4	32.79	2430687.1	21.8	.0	.00	29.13
Avg	0.015189	0.02322	23.5	36.77	2426476.0	22.4	.0	.00	29.09
Max	0.016524	0.029006	25.5	45.91	2435847.2	22.9	.0	.00	29.13
Hr. of Max	04	17	04	17	07	20	23	23	23
Min	0.013501	0.018172	20.9	28.77	2416927.8	21.4	.0	.00	29.05
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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8/13/2016

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	984.2	221	238	222	241	64.6	28.1	.5	1.5
01:00	984.4	280	257	286	263	77.9	49.9	.2	.8
02:00	984.3	261	244	256	245	36.8	20.0	2.0	3.8
03:00	984.1	265	257	270	260	46.8	18.9	1.3	3.3
04:00	983.8	216	211	209	210	33.1	18.9	2.7	4.6
05:00	984.0	274	262	279	264	47.9	14.0	1.6	3.2
06:00	984.2	265	275	268	277	18.6	7.8	1.5	2.7
07:00	984.6	243	253	251	257	25.7	11.5	1.4	3.0
08:00	985.3	223	240	224	240	36.1	26.3	2.9	4.1
09:00	985.7	231	242	226	238	39.6	28.6	4.4	5.9
10:00	985.9	219	226	218	227	30.3	23.6	6.4	8.1
11:00	986.1	220	233	219	232	33.9	26.2	7.0	8.7
12:00	985.8	219	230	218	229	30.5	24.7	7.9	10.3
13:00	985.5	213	222	213	223	31.4	26.2	7.8	9.6
14:00	985.5	215	224	214	224	26.6	21.9	10.1	12.4
15:00	985.1	227	241	225	237	35.7	27.3	7.6	10.1
16:00	984.7	234	245	231	242	36.3	30.1	5.9	8.0
17:00	984.4	234	242	229	241	38.4	27.8	4.8	6.7
18:00	984.4	243	249	240	249	40.1	26.0	3.3	5.0
19:00	984.5	256	258	256	257	39.0	25.6	2.3	3.7
20:00	984.9	303	230	316	236	42.5	26.4	.6	1.3
21:00	985.5	268	247	262	241	61.3	18.4	.7	2.2
22:00	986.1	261	253	268	252	37.9	18.2	1.1	2.7
23:00	986.3	242	258	253	258	35.0	11.3	1.0	3.4
Avg	985.0	243	243	236	236	39.4	23.2	3.2	3.2
Max	986.3	303	275	316	277	77.9	49.9	10.1	12.4
Hr. of Max	23	20	06	20	06	01	01	14	14
Min	983.8	213	211	209	210	18.6	7.8	.2	.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/13/2016

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	1.1	2.0	.5	.9	-.4	1.6	.0	.1	.00
01:00	.9	1.1	.4	.5	.4	4.9	.0	.1	.00
02:00	2.4	4.2	1.1	1.9	-2.5	-.5	-.2	-.1	-.07
03:00	1.7	3.4	.8	1.5	-1.8	.3	-.1	.0	-.04
04:00	3.0	4.9	1.3	2.2	1.2	4.4	.1	.4	.05
05:00	2.0	3.4	.9	1.5	-1.2	-1.1	-.1	-.1	-.04
06:00	1.7	2.8	.7	1.2	-3.0	-.4	-.1	.0	-.04
07:00	1.7	3.2	.8	1.4	-1.8	-.9	-.1	-.1	-.05
08:00	3.4	4.5	1.5	2.0	1.7	5.4	.0	.2	-.01
09:00	5.3	6.7	2.4	3.0	1.7	2.0	-.1	.0	-.04
10:00	7.3	8.8	3.3	3.9	-.5	.4	-.3	-.2	-.11
11:00	8.1	9.4	3.6	4.2	-.8	1.2	-.3	-.2	-.15
12:00	8.9	11.2	4.0	5.0	.0	-.3	-.3	-.4	-.14
13:00	8.8	10.6	3.9	4.7	1.0	2.6	-.1	.2	-.04
14:00	11.1	13.3	5.0	6.0	.2	.4	-.2	-.2	-.11
15:00	8.9	11.2	4.0	5.0	1.3	1.0	-.3	-.2	-.13
16:00	6.9	9.0	3.1	4.0	-1.1	.3	-.4	-.3	-.18
17:00	5.9	7.7	2.6	3.4	.5	1.1	-.2	-.1	-.08
18:00	3.9	5.4	1.7	2.4	-2.6	.4	-.4	-.2	-.17
19:00	2.7	4.0	1.2	1.8	-5.3	.1	-.4	-.1	-.17
20:00	.8	1.5	.4	.7	.7	3.4	.0	.1	.01
21:00	1.0	2.4	.5	1.1	-.6	2.3	.0	.1	.00
22:00	1.3	2.9	.6	1.3	-.4	4.3	.0	.2	.00
23:00	1.3	3.6	.6	1.6	-1.0	2.7	.0	.2	-.01
Avg	4.2	5.7	1.9	2.6	-.6	1.5	-.1	.0	-.06
Max	11.1	13.3	5.0	6.0	1.7	5.4	.1	.4	.05
Hr. of Max	14	14	14	14	09	08	04	04	04
Min	.8	1.1	.4	.5	-5.3	-1.1	-.4	-.4	-.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	.03		3.3	5.6	16.4	15.7	27.9	28.0
01:00	.05		2.8	2.9	12.3	14.8	27.0	26.9
02:00	-.05		10.4	11.5	16.1	11.9	27.7	27.4
03:00	-.01		4.8	6.8	16.7	10.9	27.4	26.9
04:00	.16		13.2	14.9	15.9	11.4	27.4	26.9
05:00	-.05		5.1	7.7	12.0	7.0	26.7	26.4
06:00	-.02		4.3	5.6	8.4	5.0	26.1	25.8
07:00	-.04		6.1	8.5	13.1	5.8	25.9	25.6
08:00	.09		10.5	11.3	22.1	20.1	27.3	26.5
09:00	-.01		14.6	15.6	23.5	19.5	28.5	27.6
10:00	-.08		19.3	18.2	17.9	15.4	29.3	28.4
11:00	-.07		22.8	25.3	19.2	17.5	30.0	29.1
12:00	-.17		20.9	24.6	19.5	16.2	30.8	29.9
13:00	.08		22.9	23.5	19.3	17.6	32.0	31.0
14:00	-.10		29.4	26.8	17.6	15.1	32.4	31.4
15:00	-.11		25.5	26.0	22.1	19.0	32.7	31.7
16:00	-.14		22.5	23.6	22.7	18.2	32.6	31.7
17:00	-.05		18.6	17.0	22.1	18.3	33.0	32.1
18:00	-.08		12.3	14.6	24.8	18.6	32.5	31.7
19:00	-.04		10.2	10.8	22.8	17.1	32.3	31.5
20:00	.04		2.4	5.1	12.1	10.0	30.3	30.3
21:00	.03		6.8	8.3	14.8	10.1	29.3	29.4
22:00	.08		4.4	8.1	15.8	13.2	28.9	28.8
23:00	.07		4.3	7.2	13.6	7.7	27.8	28.3
Avg	-.02		12.4	13.7	17.5	14.0	29.4	28.9
Max	.16		29.4	26.8	24.8	20.1	33.0	32.1
Hr. of Max	04		14	14	18	08	17	17
Min	-.17		2.4	2.9	8.4	5.0	25.9	25.6
Count	24	0	24	24	24	24	24	24
Total								