Date Printed: 09/12/2016 10:07

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

Daily Summary Report

Site: Tower "A" (7900 Area)

9/9/2016

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	22.2	70.6	71.9	.7	18.0	64.4	82.5	15.2
01:00	20.7	21.6	69.3	71.0	.9	17.9	64.2	85.6	15.2
02:00	20.1	21.1	68.1	70.0	1.0	17.7	63.9	88.0	15.0
03:00	19.7	20.5	67.4	68.8	.8	17.6	63.7	89.7	14.9
04:00	19.1	19.8	66.5	67.7	.7	17.4	63.3	91.4	14.8
05:00	18.8	19.5	65.9	67.1	.7	17.3	63.1	92.6	14.7
06:00	18.5	19.2	65.2	66.5	.7	17.1	62.8	93.5	14.5
07:00	18.3	18.8	64.9	65.8	.5	16.8	62.3	93.2	14.3
08:00	19.6	19.7	67.2	67.5	.2	15.9	60.6	81.1	13.4
09:00	23.0	23.0	73.5	73.5	.0	15.8	60.5	65.4	13.2
10:00	25.9	25.8	78.7	78.4	-.2	16.0	60.8	55.5	13.3
11:00	28.7	28.4	83.6	83.2	-.2	15.4	59.6	45.7	12.7
12:00	30.3	30.0	86.5	85.9	-.3	14.8	58.7	40.3	12.2
13:00	31.4	31.2	88.5	88.1	-.2	14.4	58.0	36.8	11.9
14:00	32.5	32.1	90.5	89.8	-.4	13.7	56.7	33.1	11.3
15:00	33.1	32.7	91.6	90.8	-.4	13.3	55.9	31.1	11.0
16:00	33.2	32.9	91.7	91.1	-.3	12.6	54.7	29.7	10.5
17:00	33.2	33.0	91.7	91.4	-.2	12.5	54.5	29.5	10.5
18:00	32.6	32.5	90.6	90.5	-.1	13.2	55.8	32.0	11.0
19:00	30.6	31.1	87.1	87.9	.4	15.2	59.4	40.7	12.5
20:00	27.4	29.0	81.3	84.1	1.6	16.7	62.1	53.8	13.9
21:00	25.0	26.1	77.1	79.0	1.1	17.3	63.2	63.9	14.5
22:00	23.5	24.5	74.3	76.2	1.0	17.5	63.4	70.6	14.7
23:00	22.3	23.5	72.2	74.2	1.2	17.5	63.4	75.7	14.7
Avg	25.4	25.8	77.7	78.4	.4	15.9	60.6	62.6	13.3
Max	33.2	33.0	91.7	91.4	1.6	18.0	64.4	93.5	15.2
Hr. of Max	17	17	17	17	20	00	00	06	01
Min	18.3	18.8	64.9	65.8	-.4	12.5	54.5	29.5	10.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

9/9/2016

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	0.013344	0.016176	20.7	25.61	2440385.3	19.1	.0	.00	29.09
01:00	0.013257	0.015483	20.6	24.53	2442038.8	18.8	.0	.00	29.10
02:00	0.013084	0.014863	20.3	23.56	2443589.0	18.5	.0	.00	29.10
03:00	0.013013	0.0145	20.2	22.98	2444539.8	18.3	.0	.00	29.11
04:00	0.012822	0.014022	19.9	22.22	2445819.5	18.0	.0	.00	29.11
05:00	0.012733	0.013749	19.8	21.81	2446537.5	17.8	.0	.00	29.11
06:00	0.012564	0.013432	19.5	21.31	2447404.6	17.6	.0	.00	29.12
07:00	0.012362	0.01326	19.2	21.05	2447868.1	17.3	.0	.00	29.14
08:00	0.011634	0.01439	18.1	22.84	2444809.0	17.1	.0	.00	29.15
09:00	0.011595	0.017824	18.1	28.30	2436588.5	18.2	.0	.00	29.16
10:00	0.011741	0.021183	18.3	33.66	2429657.8	19.3	.0	.00	29.17
11:00	0.011321	0.024873	17.7	39.50	2423168.0	19.8	.0	.00	29.17
12:00	0.010982	0.027256	17.1	43.27	2419389.1	20.0	.0	.00	29.16
13:00	0.010713	0.029093	16.7	46.16	2416694.7	20.1	.0	.00	29.14
14:00	0.010241	0.030987	16.0	49.14	2414072.9	20.0	.0	.00	29.13
15:00	0.009966	0.032028	15.5	50.75	2412715.6	19.9	.0	.00	29.10
16:00	0.009561	0.032159	14.9	50.93	2412555.0	19.5	.0	.00	29.09
17:00	0.009496	0.032228	14.8	51.04	2412468.0	19.4	.0	.00	29.09
18:00	0.009936	0.031097	15.5	49.24	2413981.0	19.7	.0	.00	29.09
19:00	0.011288	0.027904	17.6	44.19	2418562.7	20.4	.0	.00	29.09
20:00	0.012382	0.023093	19.2	36.58	2426289.5	20.3	.0	.00	29.09
21:00	0.012829	0.020093	19.9	31.85	2431826.8	19.9	.0	.00	29.11
22:00	0.012918	0.018317	20.1	29.03	2435490.8	19.5	.0	.00	29.11
23:00	0.012902	0.017051	20.0	27.04	2438276.4	19.1	.0	.00	29.12
Avg	0.011779	0.021461	18.3	34.02	2431030.4	19.1	.0	.00	29.12
Max	0.013344	0.032228	20.7	51.04	2447868.1	20.4	.0	.00	29.17
Hr. of Max	00	17	00	17	07	19	23	23	11
Min	0.009496	0.01326	14.8	21.05	2412468.0	17.1	.0	.00	29.09
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

9/9/2016

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	985.2	232	240	220	252	50.1	19.2	.3	1.4
01:00	985.3	323	235	302	233	62.8	39.8	.3	.9
02:00	985.4	317	272	336	281	48.1	47.1	.5	.4
03:00	985.6	239	250	244	249	37.0	14.1	.6	1.8
04:00	985.6	285	245	284	246	59.5	27.5	.3	1.2
05:00	985.6	43	354	352	311	61.2	47.8	.2	.2
06:00	986.1	258	293	245	269	63.2	44.1	.5	1.0
07:00	986.7	258	218	207	226	53.1	36.1	.2	.5
08:00	987.0	218	258	212	266	57.7	52.0	.4	.8
09:00	987.5	239	250	235	251	46.8	38.8	1.8	2.7
10:00	987.9	193	211	194	209	26.3	28.0	4.1	4.1
11:00	987.8	212	221	207	220	49.9	43.2	3.2	3.7
12:00	987.6	244	254	241	255	47.8	37.9	3.9	5.5
13:00	986.9	269	267	262	266	49.5	40.3	2.8	4.3
14:00	986.3	224	234	218	229	43.1	33.3	6.6	7.9
15:00	985.6	229	243	224	241	48.7	39.1	4.0	5.2
16:00	985.1	258	261	256	261	55.8	42.7	3.2	4.7
17:00	985.0	273	271	274	273	51.0	30.9	3.1	5.3
18:00	985.0	280	275	274	274	35.8	18.9	2.5	4.4
19:00	984.9	343	194	341	252	39.3	26.2	.7	.8
20:00	985.2	323	239	343	265	40.4	29.9	.4	.7
21:00	985.7	225	264	240	262	62.1	16.3	.4	1.6
22:00	985.9	261	253	241	251	38.4	19.3	.3	1.5
23:00	986.1	289	254	296	258	41.6	35.9	.5	1.6
Avg	986.0	261	251	229	229	48.7	33.7	1.1	1.1
Max	987.9	343	354	352	311	63.2	52.0	6.6	7.9
Hr. of Max	10	19	05	05	05	06	08	14	14
Min	984.9	43	194	194	209	26.3	14.1	.2	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

9/9/2016

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	1.5	.4	.7	2.5	3.9	.1	.1	.03
01:00	.7	1.0	.3	.5	-.7	3.1	.0	.1	.00
02:00	1.0	1.0	.5	.5	-1.5	2.8	.0	.1	-.01
03:00	1.2	1.9	.5	.8	-.4	4.0	.0	.1	-.01
04:00	.8	1.4	.3	.6	2.9	3.9	.1	.1	.02
05:00	.6	.7	.3	.3	-.5	2.6	.0	.0	.00
06:00	.8	1.5	.3	.7	-.6	2.9	.0	.1	.00
07:00	.7	.9	.3	.4	.3	3.6	.0	.1	.00
08:00	1.3	1.4	.6	.6	-2.1	2.5	-.1	.1	-.03
09:00	2.7	3.3	1.2	1.5	-2.7	4.0	-.2	.2	-.08
10:00	4.3	4.4	1.9	2.0	3.7	7.7	.2	.6	.08
11:00	4.4	4.9	2.0	2.2	2.0	6.6	.1	.5	.05
12:00	5.4	6.7	2.4	3.0	-.7	1.1	-.2	.0	-.11
13:00	5.0	6.1	2.2	2.7	-4.2	-2.6	-.6	-.4	-.26
14:00	8.0	9.1	3.6	4.1	.9	2.6	-.1	.1	-.05
15:00	5.4	6.6	2.4	2.9	-.4	.9	.0	.0	.00
16:00	5.1	6.3	2.3	2.8	-1.3	.1	-.3	-.2	-.13
17:00	4.4	6.0	1.9	2.7	-2.2	1.1	-.4	-.2	-.19
18:00	3.0	4.6	1.3	2.1	-7.1	-3.8	-.6	-.4	-.25
19:00	1.2	1.3	.5 -	.6	-1.8	4.9	-.1	.0	-.03
20:00	.7	.9	.3	.4	-.6	3.3	.0	.1	-.01
21:00	.7	1.7	.3	.8	.0	3.2	.0	.1	.00
22:00	.7	1.6	.3	.7	-1.1	3.7	.0	.1	-.01
23:00	1.0	1.7	.4	.8	1.4	3.8	.0	.1	.01
Avg	2.5	3.2	1.1	1.4	-.6	2.7	-.1	.1	-.04
Max	8.0	9.1	3.6	4.1	3.7	7.7	.2	.6	.08
Hr. of Max	14	14	14	14	10	10	10	10	10
Min	.6	.7	.3	.3	-7.1	-3.8	-.6	-.4	-.26
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

9/9/2016

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	.04		3.6	5.4	13.5	7.6	23.6	23.6
01:00	.03		1.8	2.4	8.2	7.5	22.9	23.0
02:00	.02		2.7	2.9	7.7	8.4	22.2	22.5
03:00	.05		2.5	2.7	10.1	6.7	21.8	21.8
04:00	.05		2.7	2.5	11.1	5.3	21.2	21.2
05:00	.02		2.9	2.7	9.9	9.1	20.9	20.9
06:00	.03		2.8	4.1	10.4	6.7	20.5	20.6
07:00	.03		2.0	2.9	9.7	10.1	20.3	20.1
08:00	.02		3.5	2.9	21.1	17.7	21.6	21.0
09:00	.07		8.6	8.4	24.9	21.5	25.0	24.1
10:00	.25		10.2	8.1	19.6	21.7	27.5	26.6
11:00	.21		11.9	14.2	24.7	23.2	30.1	29.1
12:00	-.02		16.3	15.5	26.1	23.4	31.5	30.5
13:00	-.17		17.9	19.1	25.1	23.5	32.6	31.7
14:00	.04		22.4	21.2	19.8	19.8	33.4	32.4
15:00	.01		17.3	20.1	23.7	21.4	34.0	32.9
16:00	-.08		12.8	15.9	21.5	20.4	34.1	33.2
17:00	-.09		13.5	14.9	26.0	21.6	34.3	33.4
18:00	-.19		8.0	10.4	20.9	14.2	33.8	33.0
19:00	.02		3.4	5.5	13.8	12.5	32.1	31.8
20:00	.03		2.1	2.4	5.9	6.6	29.1	29.8
21:00	.04		1.8	3.5	9.1	5.3	27.0	27.3
22:00	.05		2.5	4.6	8.1	5.7	25.5	25.8
23:00	.05		3.2	3.5	9.4	6.4	24.4	24.7
Avg	.02		7.4	8.2	15.8	13.6	27.1	26.7
Max	.25		22.4	21.2	26.1	23.5	34.3	33.4
Hr. of Max	10		14	14	12	13	17	17
Min	-.19		1.8	2.4	5.9	5.3	20.3	20.1
Count	24	0	24	24	24	24	24	24
Total								