Date Printed: 05/21/2016 04:34

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

Daily Summary Report

Site: Tower "A" (7900 Area)

5/20/2016

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	16.6	17.2	61.9	63.0	.6	13.6	56.4	83.6	11.6
01:00	16.2	16.7	61.2	62.1	.5	13.7	56.7	86.7	11.8
02:00	15.8	16.1	60.4	61.0	.3	13.5	56.3	88.0	11.7
03:00	16.1	16.3	60.9	61.4	.3	13.4	56.1	85.5	11.5
04:00	16.2	16.6	61.2	61.8	.3	13.4	56.2	84.9	11.6
05:00	16.4	16.6	61.5	61.9	.2	13.4	56.1	83.9	11.6
06:00	16.4	16.6	61.5	61.8	.2	13.2	55.8	82.8	11.4
07:00	16.4	16.5	61.6	61.7	.1	13.0	55.4	81.6	11.3
08:00	16.6	16.6	61.9	61.9	.0	13.2	55.8	81.7	11.4
09:00	17.0	17.0	62.7	62.5	-.1	13.0	55.5	78.6	11.2
10:00	17.4	17.3	63.3	63.1	-.1	13.4	56.2	79.0	11.5
11:00	17.9	17.8	64.2	64.0	-.1	13.7	56.6	77.7	11.7
12:00	18.5	18.4	65.3	65.1	-.1	13.6	56.6	74.7	11.7
13:00	18.6	18.6	65.5	65.5	.0	14.1	57.4	76.5	12.0
14:00	19.3	19.2	66.7	66.6	-.1	14.6	58.3	75.9	12.4
15:00	17.7 P	17.7 P	63.9 P	63.9 P	.0 P	P	P	96.1 P	14.3 P
16:00	18.4	18.4	65.1	65.0	.0	17.1	62.7	93.9	14.5
17:00	18.1	18.1	64.7	64.6	.0	17.1	62.8	95.7	14.6
18:00	17.7	17.7	63.9	63.9	.0	17.2	62.9	98.4	14.6
19:00	17.4	17.4	63.4	63.3	.0	16.9	62.4	98.6	14.4
20:00	17.2	17.2	63.0	63.0	.0	16.8	62.2	99.1	14.3
21:00	17.4	17.4	63.2	63.3	.0	17.0	62.7	100.0	14.5
22:00	17.2	17.2	62.9	62.9	.0	16.8	62.2	99.4	14.3
23:00	17.0	17.1	62.7	62.7	.0	16.7	62.0	99.6	14.2
Avg	17.2	17.3	63.0	63.2	.1	14.7	58.5	87.6	12.7
Max	19.3	19.2	66.7	66.6	.6	17.2	62.9	100.0	14.6
Hr. of Max	14	14	14	14	00	18	18	21	18
Min	15.8	16.1	60.4	61.0	-.1	13.0	55.4	74.7	11.2
Count	24	24	24	24	24	23	23	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/20/2016

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	0.009984	0.011947	15.6	18.95	2451827.2	14.6	.0	.00	29.12
01:00	0.010107	0.011661	15.8	18.46	2452787.7	14.6	.0	.00	29.11
02:00	0.009969	0.011323	15.5	17.94	2453860.5	14.3	.0	.00	29.11
03:00	0.009869	0.011552	15.4	18.30	2453116.8	14.3	.0	.00	29.12
04:00	0.009924	0.011695	15.5	18.51	2452693.7	14.4	.0	.00	29.11
05:00	0.009894	0.011799	15.4	18.70	2452314.6	14.4	.0	.00	29.12
06:00	0.009764	0.011794	15.2	18.70	2452316.3	14.3	.0	.00	29.13
07:00	0.00963	0.011796	15.1	18.72	2452279.0	14.2	.0	.00	29.15
08:00	0.009747	0.011925	15.2	18.96	2451803.0	14.4	.0	.00	29.16
09:00	0.009633	0.012255	15.1	19.48	2450788.6	14.4	.0	.00	29.16
10:00	0.009903	0.01253	15.5	19.87	2450036.4	14.7	.0	.00	29.14
11:00	0.010064	0.012946	15.7	20.52	2448826.1	15.1	.0	.00	29.13
12:00	0.010053	0.013457	15.7	21.34	2447360.7	15.3	.0	.00	29.11
13:00	0.010388	0.013582	16.2	21.53	2447022.8	15.6	.0	.00	29.10
14:00	0.010724	0.014166	16.7	22.42	2445494.8	16.2	1.8	.07	29.08
15:00	0.012347 P	0.012843 P	19.2 P	20.33 P	2449182.5 P	P	3.9	.15	29.08 P
16:00	0.012559	0.013375	19.5	21.18	2447639.6	17.5	.1	.00	29.07
17:00	0.012627	0.013196	19.6	20.87	2448192.7	17.5	2.8	.11	29.07
18:00	0.012656	0.012859	19.6	20.34	2449168.5	17.3	3.2	.13	29.07
19:00	0.012441	0.012617	19.3	19.97	2449845.3	17.1	.5	.02	29.07
20:00	0.01234	0.012458	19.2	19.70	2450371.2	16.9	.7	.03	29.08
21:00	0.01254	0.012544	19.5	19.86	2450057.9	17.1	.1	.00	29.08
22:00	0.012314	0.012386	19.1	19.63	2450500.0	16.9	.0	.00	29.08
23:00	0.012219	0.01227	19.0	19.45	2450833.2	16.8	.0	.00	29.09
Avg	0.010904	0.012457	17.0	19.74	2450346.6	15.6	.5	.02	29.11
Max	0.012656	0.014166	19.6	22.42	2453860.5	17.5	3.9	.15	29.16
Hr. of Max	18	14	18	14	02	17	15	15	09
Min	0.00963	0.011323	15.1	17.94	2445494.8	14.2	.0	.00	29.07
Count	24	24	24	24	24	23	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/20/2016

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	986.1	62	77	62	77	17.3	7.1	2.2	3.3
01:00	985.6	64	79	64	79	13.0	5.9	2.5	3.2
02:00	985.7	104	100	88	95	40.4	31.1	.8	2.1
03:00	986.0	139	105	145	107	73.2	60.6	.4	.9
04:00	985.8	67	73	67	73	14.1	7.2	2.0	2.9
05:00	986.0	73	73	73	73	17.6	10.3	1.9	2.8
06:00	986.5	64	67	64	68	18.4	8.9	2.7	4.4
07:00	987.2	57	63	58	63	18.3	10.8	2.7	5.5
08:00	987.6	62	68	63	68	28.4	16.1	2.4	5.3
09:00	987.5	71	72	71	73	25.2	15.9	4.6	5.1
10:00	986.9	65	69	65	69	27.0	18.8	3.7	5.7
11:00	986.4	59	64	60	64	26.7	19.3	3.9	5.3
12:00	985.9	72	76	74	77	34.4	24.6	3.6	5.5
13:00	985.3	76	77	76	77	28.1	17.5	3.5	4.7
14:00	984.6	33	42	34	45	47.7	44.9	2.4	4.8
15:00	984.7 P	209 P	209 P	200 P	207 P	54.1 P	47.4 P	.4 P	2.3
16:00	984.4	309	305	313	303	51.6	47.5	1.2	1.5
17:00	984.3	303	303	293	303	49.2	42.2	1.0	1.5
18:00	984.5	231	241	230	242	34.0	24.0	2.3	4.1
19:00	984.5	252	259	252	260	49.1	30.4	1.7	4.0
20:00	984.7	225	240	223	239	26.0	23.5	1.8	2.5
21:00	984.6	191	193	194	194	44.8	27.1	2.8	3.8
22:00	984.8	224	232	215	228	35.1	19.1	3.3	4.2
23:00	985.0	236	237	236	237	26.7	15.1	1.6	2.8
Avg	985.6	81	82	69	69	33.4	24.0	3.1	3.1
Max	987.6	309	305	313	303	73.2	60.6	4.6	5.7
Hr. of Max	08	16	16	16	17	03	03	09	10
Min	984.3	33	42	34	45	13.0	5.9	.4	.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/20/2016

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	2.3	3.4	1.0	1.5	-2.8	.7	-.1	.0	-.06
01:00	2.5	3.2	1.1	1.4	-1.8	.4	-.1	.0	-.05
02:00	1.5	2.8	.7	1.2	-1.0	3.0	-.1	.2	-.03
03:00	1.2	2.5	.5	1.1	-1.4	6.9	.0	.4	-.02
04:00	2.1	2.9	.9	1.3	-3.7	.3	-.1	.0	-.07
05:00	2.0	2.9	.9	1.3	-2.4	1.1	-.1	.1	-.05
06:00	2.8	4.5	1.3	2.1	-1.7	.0	-.2	.0	-.07
07:00	2.9	5.6	1.3	2.6	-2.7	-.5	-.2	.0	-.09
08:00	2.7	5.4	1.2	2.1	-.4	2.3	-.1	.2	-.05
09:00	5.1	5.3	2.3	2.1	-1.1	-1.2	-.3	.0	-.15
10:00	4.1	6.1	1.8	2.8	-2.7	-.5	-.4	.0	-.16
11:00	4.3	5.7	1.9	2.6	-2.2	-1.0	-.4	.0	-.16
12:00	4.1	5.8	1.8	2.7	3.3	2.9	.0	.2	-.02
13:00	3.8	4.9	1.7	2.3	1.2	1.2	-.1	.1	-.07
14:00	3.4	5.0	1.5	2.3	1.6	2.0	.0	.2	.00
15:00	2.4	2.5	1.1 P	1.2	-2.1 P	.9 P	-.1 P	.1 P	-.06 P
16:00	1.6	1.9	.7	.9	1.3	1.8	.0	.3	-.01
17:00	1.7	2.5	.8	1.1	.0	-1.2	-.1	.0	-.03
18:00	2.8	4.3	1.2	2.0	-2.5	-.4	-.2	.1	-.10
19:00	2.3	4.2	1.0	1.9	1.5	3.3	-.1	.3	-.03
20:00	2.1	2.9	.9	1.3	-.7	2.3	-.1	.2	-.03
21:00	3.4	4.0	1.5	1.9	7.1	7.3	.3	.5	.13
22:00	3.7	4.5	1.6	2.1	2.9	1.9	.1	.2	.06
23:00	1.7	2.9	.8	1.3	-2.6	-.9	-.1	.0	-.06
Avg	2.8	4.0	1.2	1.8	-.5	1.4	-.1	.1	-.05
Max	5.1	6.1	2.3	2.8	7.1	7.3	.3	.5	.13
Hr. of Max	09	10	09	10	21	21	21	21	21
Min	1.2	1.9	.5	.9	-3.7	-1.2	-.4	.0	-.16
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/20/2016

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		5.5	5.4	9.1	4.7	18.3	18.3
01:00	.01		5.1	4.6	8.6	4.2	17.9	17.9
02:00	.09		5.1	4.7	15.6	12.9	17.5	17.2
03:00	.18		4.8	4.1	13.5	19.6	17.8	17.5
04:00	.01		4.8	3.6	8.3	4.3	18.0	17.7
05:00	.04		4.7	4.1	12.8	8.9	18.1	17.7
06:00	.01		6.7	3.9	13.6	8.1	18.1	17.6
07:00	.00		6.9	4.5	14.0	8.7	18.1	17.5
08:00	.08		7.1	4.3	17.4	14.3	18.3	17.7
09:00	.00		13.2	4.6	18.9	13.8	18.7	18.0
10:00	.02		10.7	4.5	19.1	14.3	19.0	18.4
11:00	.00		10.7	4.9	19.4	14.9	19.6	18.9
12:00	.10		13.3	11.3	21.9	19.4	20.2	19.5
13:00	.04		10.2	5.4	21.2	15.1	20.4	19.8
14:00	.08		8.8	5.3	19.3	18.7	21.1	20.4
15:00	.04 P		5.4	<	<	<	19.7 P	19.1 P
16:00	.11		4.6	4.1	27.8	25.3	20.4	19.7
17:00	.02		8.2	4.6	24.1	22.1	20.2	19.5
18:00	.03		9.4	5.0	19.9	16.5	19.8	19.0
19:00	.15		8.4	4.9	26.8	20.3	19.5	18.7
20:00	.09		5.9	4.3	16.1	15.9	19.2	18.5
21:00	.21		13.7	5.8	17.7	15.8	19.4	18.7
22:00	.07		12.5	6.1	20.4	13.9	19.2	18.5
23:00	-.01		4.5	4.1	17.7	10.7	19.0	18.4
Avg	.06		7.9	5.0	17.5	14.0	19.1	18.5
Max	.21		13.7	11.3	27.8	25.3	21.1	20.4
Hr. of Max	21		21	12	16	16	14	14
Min	-.01		4.5	3.6	8.3	4.2	17.5	17.2
Count	24	0	24	23	23	23	24	24
Total								