Date Printed: 03/30/2017 11:21

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

Daily Summary Report

Site: Tower "A" (7900 Area)

3/28/2017

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	14.2	14.3	57.6	57.7	.1	13.7	56.6	98.1	11.8
01:00	14.1	14.2	57.3	57.5	.1	13.8	56.8	99.9	11.9
02:00	13.2	13.4	55.7	56.2	.3	13.0	55.4	100.4	11.3
03:00	13.0	13.1	55.4	55.6	.1	12.8	55.1	100.6	11.2
04:00	13.1	13.2	55.7	55.8	.1	13.0	55.4	100.7	11.4
05:00	13.3	13.4	56.0	56.1	.0	13.2	55.8	100.7	11.5
06:00	13.8	13.9	56.9	57.0	.0	13.7	56.7	100.8	11.8
07:00	14.1	14.1	57.3	57.3	.0	13.9	57.1	100.9	12.0
08:00	14.2	14.2	57.5	57.5	.0	14.0	57.3	100.6	12.1
09:00	14.8	14.7	58.7	58.5	-.1	14.5	58.1	99.7	12.5
10:00	15.9	15.8	60.6	60.5	-.1	13.8	56.8	88.6	11.8
11:00	17.5	17.4	63.5	63.3	-.1	12.4	54.4	73.6	10.8
12:00	18.3	18.2	65.0	64.8	-.1	12.1	53.9	68.4	10.6
13:00	19.6	19.4	67.4	67.0	-.2	11.3	52.4	59.8	10.0
14:00	20.4	20.3	68.8	68.5	-.2	10.4	50.8	53.6	9.4
15:00	21.1	20.9	70.0	69.6	-.2	9.5	49.1	48.5	8.8
16:00	22.2	21.8	71.9	71.2	-.4	9.0	48.1	43.7	8.5
17:00	21.8	21.6	71.2	70.8	-.2	8.9	48.1	44.7	8.5
18:00	21.6	21.5	71.0	70.8	-.1	8.9	48.0	44.9	8.5
19:00	20.3	20.4	68.6	68.6	.0	9.4	49.0	50.5	8.8
20:00	18.8	18.8	65.8	65.9	.1	10.4	50.7	59.2	9.4
21:00	17.6	17.8	63.7	64.0	.2	10.9	51.6	65.8	9.8
22:00	16.0	16.8	60.7	62.2	.8	10.7	51.3	72.3	9.7
23:00	14.7	15.8	58.5	60.4	1.1	10.4	50.7	76.3	9.5
Avg	16.8	16.9	62.3	62.4	.1	11.8	53.3	77.2	10.5
Max	22.2	21.8	71.9	71.2	1.1	14.5	58.1	100.9	12.5
Hr. of Max	16	16	16	16	23	09	09	07	09
Min	13.0	13.1	55.4	55.6	-.4	8.9	48.0	43.7	8.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

3/28/2017

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	0.010066	0.010262	15.6	16.23	2457529.3	13.8	7.9	.00	29.02
01:00	0.010171	0.010177	15.8	16.07	2457897.6	13.9	.1	.00	28.98
02:00	0.009654	0.009611	15.0	15.16	2460021.6	13.0	.0	.00	28.97
03:00	0.009551	0.009497	14.8	14.98	2460460.9	12.9	.0	.00	28.96
04:00	0.009674	0.009609	15.0	15.15	2460049.2	13.1	.0	.00	28.96
05:00	0.00979	0.009718	15.2	15.32	2459637.6	13.2	.0	.00	28.96
06:00	0.01011	0.010034	15.7	15.84	2458435.1	13.7	.0	.00	28.98
07:00	0.010257	0.010165	15.9	16.06	2457911.5	14.0	.0	.00	29.00
08:00	0.010311	0.010245	16.0	16.21	2457581.4	14.1	.0	.00	29.03
09:00	0.010647	0.010676	16.6	16.88	2456093.6	14.6	.0	.00	29.04
10:00	0.010147	0.01146	15.8	18.12	2453486.7	14.5	.0	.00	29.05
11:00	0.009309	0.01267	14.5	20.05	2449733.3	14.1	.0	.00	29.06
12:00	0.009118	0.013326	14.2	21.10	2447792.2	14.2	.0	.00	29.06
13:00	0.008655	0.014498	13.5	22.94	2444631.2	14.1	.0	.00	29.06
14:00	0.008163	0.015236	12.7	24.11	2442723.0	13.8	.0	.00	29.05
15:00	0.007686	0.015859	12.0	25.08	2441191.9	13.4	.0	.00	29.04
16:00	0.00742	0.016962	11.6	26.81	2438606.9	13.4	.0	.00	29.04
17:00	0.007402	0.016547	11.6	26.16	2439544.3	13.2	.0	.00	29.04
18:00	0.007369	0.016411	11.5	25.95	2439868.5	13.1	.0	.00	29.04
19:00	0.007623	0.015134	11.9	23.94	2442978.5	13.1	.0	.00	29.06
20:00	0.00811	0.013706	12.7	21.70	2446725.3	13.2	.0	.00	29.07
21:00	0.008374	0.012739	13.1	20.17	2449479.8	13.1	.0	.00	29.09
22:00	0.008287	0.011475	13.0	18.19	2453358.9	12.5	.0	.00	29.10
23:00	0.008069	0.010596	12.6	16.81	2456295.7	11.8	.0	.00	29.11
Avg	0.008998	0.012359	14.0	19.54	2451334.8	13.5	.3	.00	29.03
Max	0.010647	0.016962	16.6	26.81	2460460.9	14.6	7.9	.00	29.11
Hr. of Max	09	16	09	16	03	09	00	23	23
Min	0.007369	0.009497	11.5	14.98	2438606.9	11.8	.0	.00	28.96
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

3/28/2017

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	982.7	190	210	167	175	35.7	25.7	3.1	3.9
01:00	981.2	352	169	164	168	62.3	66.7	.7	1.7
02:00	981.1	241	276	263	271	55.2	44.8	.5	.9
03:00	980.8	256	251	251	251	28.5	17.5	2.3	4.1
04:00	980.7	251	254	250	254	23.5	13.9	2.3	4.2
05:00	980.7	263	261	260	260	28.4	16.0	2.1	3.9
06:00	981.2	260	266	260	266	37.2	21.1	2.3	4.7
07:00	982.0	262	266	263	266	29.9	18.8	3.3	5.7
08:00	982.9	245	248	244	248	28.7	18.2	2.8	4.4
09:00	983.4	238	248	238	247	29.9	24.5	2.7	3.7
10:00	983.8	253	259	252	260	35.9	25.8	2.7	3.8
11:00	984.1	257	266	253	264	49.8	34.2	3.1	4.3
12:00	984.1	278	280	281	281	44.3	34.7	3.4	4.9
13:00	983.9	289	291	293	293	38.5	30.0	4.3	6.2
14:00	983.9	290	284	288	284	53.5	43.8	3.8	5.5
15:00	983.5	276	280	268	275	45.8	35.6	3.9	5.4
16:00	983.3	253	263	253	263	46.4	36.8	4.6	6.5
17:00	983.3	263	263	260	264	32.9	30.2	4.2	5.5
18:00	983.4	294	293	294	292	37.8	25.7	4.0	6.4
19:00	984.0	290	292	292	293	33.3	24.4	3.7	5.8
20:00	984.4	257	281	262	282	47.2	33.0	2.0	3.3
21:00	985.1	290	307	313	330	39.7	35.5	.5	1.1
22:00	985.5	57	80	61	75	33.4	12.2	.7	2.2
23:00	985.9	41	83	43	84	20.0	7.9	1.2	2.4
Avg	983.1	269	266	248	248	38.2	28.2	2.7	2.7
Max	985.9	352	307	313	330	62.3	66.7	4.6	6.5
Hr. of Max	23	01	21	21	21	01	01	16	16
Min	980.7	41	80	43	75	20.0	7.9	.5	.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

3/28/2017

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	4.6	6.4	2.1	2.9	-.1	1.6	.0	.1	.02
01:00	3.5	3.8	1.6	1.7	-1.2	2.0	.0	.2	.00
02:00	1.5	2.0	.7	.9	-2.5	.1	-.1	.0	-.02
03:00	2.7	4.4	1.2	2.0	-1.0	.0	-.1	.0	-.06
04:00	2.5	4.4	1.1	2.0	-.4	.3	-.1	.0	-.05
05:00	2.3	4.1	1.0	1.8	-1.4	.1	-.2	-.1	-.07
06:00	2.8	5.1	1.3	2.3	2.0	3.3	.0	.1	-.01
07:00	3.7	6.0	1.7	2.7	1.6	1.8	-.1	.0	-.05
08:00	3.0	4.6	1.4	2.1	2.1	2.1	-.1	.1	-.02
09:00	3.0	3.9	1.4	1.8	-.2	1.0	-.1	-.1	-.05
10:00	3.7	4.6	1.6	2.1	-1.0	2.8	-.2	.1	-.08
11:00	4.2	5.0	1.9	2.3	3.3	5.0	.1	.3	.03
12:00	4.6	6.1	2.1	2.7	1.5	.8	-.2	-.2	-.08
13:00	5.3	7.0	2.3	3.1	.4	1.0	-.3	-.2	-.13
14:00	5.2	6.7	2.3	3.0	.6	2.6	-.1	.0	-.06
15:00	5.6	6.9	2.5	3.1	2.6	2.4	.1	.1	.03
16:00	5.7	7.4	2.6	3.3	3.3	5.6	.0	.3	.01
17:00	5.1	6.4	2.3	2.9	.0	1.8	-.3	-.1	-.13
18:00	4.8	7.0	2.2	3.1	.7	.9	-.2	-.1	-.09
19:00	4.2	6.2	1.9	2.8	-1.3	-.1	-.3	-.2	-.13
20:00	2.5	3.7	1.1	1.7	-5.8	1.3	-.3	-.1	-.15
21:00	1.9	2.6	.9	1.2	-2.4	-.6	-.1	-.1	-.05
22:00	.9	2.4	.4	1.1	.3	1.8	.0	.1	.00
23:00	1.2	2.4	.6	1.1	-1.2	2.4	.0	.1	-.02
Avg	3.5	5.0	1.6	2.2	.0	1.7	-.1	.0	-.05
Max	5.7	7.4	2.6	3.3	3.3	5.6	.1	.3	.03
Hr. of Max	16	16	16	16	16	16	15	16	15
Min	.9	2.0	.4	.9	-5.8	-.6	-.3	-.2	-.15
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

3/28/2017

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	.05		25.7	28.9	19.0	13.5	15.9	15.2
01:00	.08		21.2	23.1	22.1	24.6	15.7	15.1
02:00	.00		3.9	4.5	11.0	11.9	14.8	14.4
03:00	-.02		7.5	8.5	14.9	8.6	14.6	14.0
04:00	-.01		7.0	8.4	15.5	9.7	14.8	14.1
05:00	-.03		8.1	9.0	17.9	11.2	15.0	14.3
06:00	.06		11.3	11.9	22.6	15.5	15.5	14.8
07:00	-.01		11.7	15.3	20.2	14.7	15.8	15.0
08:00	.03		8.2	10.6	20.1	14.1	15.9	15.1
09:00	-.03		7.2	8.2	20.6	16.8	16.5	15.7
10:00	.03		9.2	9.6	19.3	17.1	17.5	16.7
11:00	.13		14.6	13.8	25.1	23.3	19.0	18.1
12:00	-.07		13.6	13.4	24.0	20.2	19.8	18.9
13:00	-.08		17.7	16.8	24.3	20.7	20.9	19.9
14:00	-.01		15.3	16.6	22.7	22.0	21.6	20.7
15:00	.04		14.7	17.6	22.0	20.5	22.2	21.2
16:00	.14		15.8	17.0	23.3	22.0	23.1	22.1
17:00	-.05		13.0	15.1	21.3	20.3	22.8	21.9
18:00	-.05		14.2	16.4	22.5	18.2	22.8	21.9
19:00	-.10		14.1	15.5	21.3	16.5	21.6	20.8
20:00	-.04		6.9	8.7	20.4	18.8	20.1	19.4
21:00	-.03		5.4	6.5	15.0	15.2	19.0	18.5
22:00	.03		3.2	5.9	13.8	7.3	17.4	17.4
23:00	.04		2.6	4.8	6.0	4.6	16.2	16.4
Avg	.00		11.3	12.8	19.4	16.1	18.3	17.6
Max	.14		25.7	28.9	25.1	24.6	23.1	22.1
Hr. of Max	16		00	00	11	01	16	16
Min	-.10		2.6	4.5	6.0	4.6	14.6	14.0
Count	24	0	24	24	24	24	24	24
Total								