Date Printed: 01/29/2017 06:20

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

Daily Summary Report

Site: Tower "A" (7900 Area)

1/27/2017

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	3.7	3.6	38.6	38.5	.0	-3.7	25.4	59.3	3.7
01:00	3.3	3.2	37.9	37.8	.0	-3.5	25.7	61.7	3.7
02:00	3.0	3.0	37.5	37.4	.0	-3.4	25.8	62.9	3.7
03:00	2.9	2.9	37.2	37.2	.0	-3.4	25.9	63.7	3.7
04:00	2.8	2.7	37.0	36.9	.0	-3.3	26.1	64.8	3.8
05:00	2.5	2.4	36.5	36.4	.0	-3.7	25.3	64.1	3.7
06:00	2.0	2.0	35.7	35.6	-.1	-4.5	24.0	62.5	3.5
07:00	1.9	1.9	35.5	35.4	.0	-5.1	22.8	60.2	3.3
08:00	1.9	1.9	35.5	35.4	-.1	-5.0	23.0	60.5	3.3
09:00	2.1	2.0	35.7	35.6	-.1	-4.6	23.7	61.9	3.4
10:00	1.5	1.4	34.6	34.5	-.1	-4.1	24.7	67.1	3.6
11:00	1.8	1.7	35.2	35.0	-.1	-4.4	24.0	63.9	3.5
12:00	1.4	1.3	34.5	34.3	-.1	-4.8	23.4	64.1	3.4
13:00	1.6	1.5	34.9	34.7	-.1	-5.4	22.4	60.4	3.3
14:00	1.9	1.8	35.4	35.2	-.1	-6.6	20.2	53.8	3.0
15:00	2.1	2.0	35.7	35.5	-.1	-6.8	19.7	52.2	2.9
16:00	2.0	1.9	35.6	35.4	-.1	-6.9	19.5	52.1	2.9
17:00	1.9	1.8	35.4	35.2	-.1	-6.9	19.6	52.7	2.9
18:00	1.5	1.5	34.7	34.7	.0	-6.9	19.6	54.2	2.9
19:00	.3	.8	32.6	33.5	.5	-6.6	20.2	60.1	3.0
20:00	-.1	.6	31.8	33.0	.7	-6.3	20.6	63.3	3.0
21:00	.0	.5	32.0	32.9	.5	-5.3	22.4	67.8	3.3
22:00	.3	.5	32.5	32.9	.2	-4.8	23.3	68.9	3.4
23:00	.3	.5	32.5	32.9	.2	-4.6	23.7	70.2	3.4
Avg	1.8	1.8	35.2	35.2	.0	-5.0	23.0	61.4	3.3
Max	3.7	3.6	38.6	38.5	.7	-3.3	26.1	70.2	3.8
Hr. of Max	00	00	00	00	20	04	04	23	04
Min	-.1	.5	31.8	32.9	-.1	-6.9	19.5	52.1	2.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

1/27/2017

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	0.002973	0.005016	4.7	7.94	2482590.7	-1.2	.0	.00	29.11
01:00	0.002999	0.004864	4.7	7.72	2483519.3	-1.2	.0	.00	29.11
02:00	0.003014	0.004793	4.8	7.60	2484067.9	-1.3	.0	.00	29.10
03:00	0.00302	0.004741	4.8	7.52	2484402.9	-1.3	.0	.00	29.09
04:00	0.003053	0.004712	4.8	7.45	2484710.8	-1.3	.0	.00	29.08
05:00	0.002964	0.004621	4.7	7.30	2485394.1	-1.6	.0	.00	29.08
06:00	0.0028	0.004484	4.4	7.08	2486408.1	-2.3	.0	.00	29.08
07:00	0.002664	0.004428	4.2	7.01	2486724.5	-2.8	.0	.00	29.09
08:00	0.002691	0.004449	4.2	7.03	2486641.1	-2.7	.0	.00	29.10
09:00	0.002774	0.004481	4.4	7.08	2486402.0	-2.4	.0	.00	29.11
10:00	0.002882	0.004295	4.5	6.79	2487796.0	-2.2	.0	.00	29.12
11:00	0.002808	0.004397	4.4	6.95	2487032.6	-2.4	.0	.00	29.12
12:00	0.002737	0.004271	4.3	6.75	2487985.3	-2.7	.0	.00	29.11
13:00	0.002618	0.004337	4.1	6.85	2487505.2	-3.0	.0	.00	29.09
14:00	0.002388	0.004437	3.8	7.01	2486739.9	-3.7	.0	.00	29.07
15:00	0.002347	0.004496	3.7	7.10	2486334.4	-3.8	.0	.00	29.08
16:00	0.002323	0.004461	3.7	7.05	2486563.7	-4.0	.0	.00	29.09
17:00	0.00233	0.004418	3.7	6.99	2486822.1	-4.0	.0	.00	29.10
18:00	0.002331	0.0043	3.7	6.80	2487752.2	-4.1	.0	.00	29.10
19:00	0.002377	0.003956	3.8	6.26	2490456.8	-4.3	.0	.00	29.10
20:00	0.002424	0.003831	3.8	6.06	2491519.8	-4.3	.0	.00	29.10
21:00	0.002618	0.003862	4.1	6.11	2491271.1	-3.6	.0	.00	29.08
22:00	0.002711	0.003939	4.3	6.24	2490591.8	-3.1	.0	.00	29.07
23:00	0.002759	0.003933	4.3	6.24	2490576.3	-3.0	.0	.00	29.07
Avg	0.002692	0.004397	4.2	6.96	2487075.4	-2.8	.0	.00	29.09
Max	0.003053	0.005016	4.8	7.94	2491519.8	-1.2	.0	.00	29.12
Hr. of Max	04	00	04	00	20	01	23	23	11
Min	0.002323	0.003831	3.7	6.06	2482590.7	-4.3	.0	.00	29.07
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

1/27/2017

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	985.7	288	289	289	290	35.6	22.0	3.2	5.1
01:00	985.7	286	290	285	290	33.3	20.0	2.3	3.6
02:00	985.4	278	280	277	281	31.7	21.0	1.5	2.6
03:00	985.0	282	286	286	287	27.8	15.5	2.1	3.7
04:00	984.8	287	284	292	287	43.2	31.8	2.1	3.6
05:00	984.6	287	286	288	288	35.0	25.1	3.6	5.8
06:00	984.8	299	297	300	297	31.9	20.1	4.7	6.9
07:00	985.1	274	277	275	278	29.1	20.0	3.1	5.1
08:00	985.4	260	266	259	265	27.7	17.6	3.6	5.8
09:00	985.6	260	265	260	267	33.7	21.5	3.2	5.3
10:00	986.1	296	296	295	294	31.9	22.6	4.5	6.7
11:00	986.1	281	283	282	284	32.0	20.7	4.9	7.5
12:00	985.7	297	297	298	297	35.0	28.4	5.2	7.6
13:00	985.0	287	293	295	297	44.1	31.4	4.0	6.1
14:00	984.5	278	280	278	280	33.6	22.0	5.2	8.2
15:00	984.6	262	269	264	270	36.4	23.3	4.9	7.9
16:00	984.9	269	275	270	277	32.2	23.8	5.0	7.7
17:00	985.4	268	269	267	269	31.7	18.0	4.8	7.8
18:00	985.3	265	255	262	261	39.4	17.3	2.0	3.6
19:00	985.4	55	122	49	121	35.5	28.0	1.0	.8
20:00	985.3	9	63	5	49	36.5	44.6	.7	.4
21:00	984.9	270	266	264	262	61.9	42.9	.4	1.1
22:00	984.5	283	275	290	280	58.6	39.9	1.0	2.4
23:00	984.3	221	247	209	246	46.5	36.9	.6	.7
Avg	985.2	281	279	284	284	36.8	25.6	4.1	4.1
Max	986.1	299	297	300	297	61.9	44.6	5.2	8.2
Hr. of Max	11	06	12	06	13	21	20	14	14
Min	984.3	9	63	5	49	27.7	15.5	.4	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

1/27/2017

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	3.8	5.4	1.7	2.4	-1.4	.1	-.3	-.2	-.13
01:00	2.6	3.8	1.2	1.7	.0	1.2	-.1	.0	-.05
02:00	1.7	2.7	.8	1.2	-1.0	.1	-.1	.0	-.04
03:00	2.4	3.8	1.1	1.7	-1.1	.5	-.1	-.1	-.06
04:00	2.7	4.0	1.2	1.8	1.5	2.1	-.1	-.1	-.05
05:00	4.2	6.3	1.9	2.8	.3	.6	-.2	-.2	-.10
06:00	5.3	7.3	2.4	3.3	-.7	1.0	-.4	-.2	-.18
07:00	3.5	5.4	1.6	2.4	.3	2.4	-.2	.0	-.09
08:00	4.0	6.0	1.8	2.7	.1	1.7	-.2	.0	-.07
09:00	3.7	5.6	1.7	2.5	.3	2.5	-.1	.1	-.05
10:00	5.1	7.1	2.3	3.2	-1.8	-1.9	-.4	-.4	-.19
11:00	5.5	7.9	2.4	3.5	-.3	1.8	-.4	-.1	-.16
12:00	5.8	8.2	2.6	3.7	.8	1.7	-.3	-.1	-.13
13:00	5.0	6.8	2.2	3.0	1.8	2.6	-.2	-.1	-.08
14:00	5.9	8.6	2.6	3.9	1.4	1.3	-.2	-.1	-.10
15:00	5.6	8.3	2.5	3.7	2.1	3.7	-.2	.0	-.09
16:00	5.8	8.3	2.6	3.7	.1	1.2	-.4	-.2	-.17
17:00	5.3	8.1	2.4	3.6	.6	.2	-.3	-.2	-.14
18:00	2.3	3.8	1.0	1.7	-2.4	2.3	-.1	.0	-.06
19:00	1.1	.9	.5	.4	-2.6	2.7	-.1	.0	-.02
20:00	.8	.8	.4	.4	-2.0	5.3	.0	.1	-.01
21:00	.9	1.5	.4	.7	-3.0	4.7	-.1	.1	-.02
22:00	1.3	2.6	.6	1.2	-.9	2.6	.0	.1	-.02
23:00	1.2	1.3	.5	.6	-2.3	.9	-.1	.0	-.03
Avg	3.6	5.2	1.6	2.3	-.4	1.7	-.2	-.1	-.09
Max	5.9	8.6	2.6	3.9	2.1	5.3	.0	.1	-.01
Hr. of Max	14	14	16	14	15	20	22	22	20
Min	.8	.8	.4	.4	-3.0	-1.9	-.4	-.4	-.19
Count	24	24	24	24	24	24	24	24	24
Total									

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Site: Tower "A" (7900 Area)

1/27/2017

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	-.09		10.8	12.3	21.1	17.0	4.5	3.7
01:00	.00		8.2	9.9	22.4	18.1	4.1	3.3
02:00	-.02		5.3	7.1	20.1	14.7	3.8	3.1
03:00	-.03		7.1	9.4	19.0	13.1	3.7	3.0
04:00	-.03		8.8	9.8	22.1	19.4	3.6	2.9
05:00	-.07		15.0	17.5	23.9	18.0	3.3	2.5
06:00	-.07		16.8	19.8	21.3	16.9	2.8	2.1
07:00	.01		9.9	14.1	21.0	15.8	2.7	2.0
08:00	-.01		10.9	12.2	20.1	14.4	2.7	2.0
09:00	.04		14.2	16.0	21.8	16.2	2.8	2.1
10:00	-.19		16.2	21.5	20.5	16.1	2.3	1.5
11:00	-.06		16.4	21.7	21.6	16.9	2.6	1.7
12:00	-.06		18.8	20.9	22.6	19.6	2.1	1.3
13:00	-.03		18.9	20.4	24.0	21.3	2.3	1.5
14:00	-.06		20.6	19.4	22.2	17.4	2.6	1.8
15:00	.01		16.2	19.9	23.2	17.9	2.8	2.0
16:00	-.08		15.9	21.8	22.0	17.2	2.7	1.9
17:00	-.11		16.7	17.8	21.8	15.6	2.6	1.8
18:00	.00		9.1	11.7	18.1	13.5	2.2	1.6
19:00	.02		2.2	2.9	6.9	10.7	1.1	.9
20:00	.06		2.9	3.9	14.5	22.8	.7	.6
21:00	.06		3.9	5.7	15.7	20.2	.8	.6
22:00	.03		4.1	5.1	15.9	12.8	1.1	.6
23:00	.01		3.2	2.9	9.5	10.2	1.1	.6
Avg	-.03		11.3	13.5	19.6	16.5	2.5	1.9
Max	.06		20.6	21.8	24.0	22.8	4.5	3.7
Hr. of Max	21		14	16	13	20	00	00
Min	-.19		2.2	2.9	6.9	10.2	.7	.6
Count	24	0	24	24	24	24	24	24
Total								