Date Printed: 05/28/2016 07:51

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

Daily Summary Report

Site: Tower "A" (7900 Area)

5/26/2016

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	19.8	21.6	67.6	70.8	1.8	16.2	61.1	81.9	13.6
01:00	20.3	21.2	68.6	70.1	.8	15.1	59.1	73.4	12.7
02:00	18.2	19.8	64.8	67.7	1.6	15.5	59.9	85.7	13.1
03:00	17.2	18.5	63.0	65.3	1.3	15.4	59.8	91.0	13.1
04:00	17.5	18.5	63.5	65.4	1.1	15.5	59.9	89.7	13.2
05:00	17.4	18.0	63.3	64.3	.6	15.4	59.8	90.0	13.1
06:00	17.6	18.3	63.7	65.0	.7	15.6	60.1	89.8	13.3
07:00	17.5	17.9	63.4	64.2	.4	16.4	61.5	95.2	13.9
08:00	17.9	18.2	64.1	64.7	.3	17.2	63.0	98.0	14.7
09:00	18.3	18.4	64.9	65.0	.1	17.8	64.0	99.1	15.2
10:00	18.8	18.7	65.8	65.7	.0	18.3	65.0	99.4	15.7
11:00	20.9	20.6	69.7	69.1	-.3	17.5	63.5	83.0	14.8
12:00	23.3	22.9	74.0	73.2	-.4	16.7	62.1	68.0	14.0
13:00	24.6	24.2	76.2	75.5	-.4	16.4	61.5	61.7	13.6
14:00	25.5	25.2	78.0	77.3	-.4	15.9	60.6	56.5	13.2
15:00	26.4	26.1	79.6	78.9	-.4	15.5	59.9	52.3	12.8
16:00	27.3	26.9	81.2	80.4	-.5	14.5	58.1	46.5	12.0
17:00	27.4	27.1	81.3	80.7	-.3	14.8	58.6	47.2	12.2
18:00	27.0	26.7	80.6	80.1	-.3	15.3	59.5	49.9	12.7
19:00	25.6	25.9	78.1	78.6	.3	16.9	62.5	60.4	14.1
20:00	24.0	24.5	75.1	76.1	.5	18.1	64.5	71.3	15.2
21:00	22.8	23.3	73.0	74.0	.5	17.9	64.2	75.5	15.1
22:00	21.9	22.4	71.5	72.4	.5	17.8	64.1	79.3	15.1
23:00	20.7	21.4	69.2	70.6	.7	17.8	64.1	85.5	15.1
Avg	21.6	21.9	70.8	71.5	.3	16.4	61.5	76.3	13.8
Max	27.4	27.1	81.3	80.7	1.8	18.3	65.0	99.4	15.7
Hr. of Max	17	17	17	17	00	10	10	10	10
Min	17.2	17.9	63.0	64.2	-.5	14.5	58.1	46.5	12.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/26/2016

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	0.011835	0.01458	18.4	23.16	2444365.0	17.4	.0	.00	29.18
01:00	0.011031	0.015115	17.2	24.01	2442967.3	16.8	.0	.00	29.17
02:00	0.011333	0.013224	17.7	21.01	2447945.7	16.4	.0	.00	29.18
03:00	0.011266	0.012375	17.6	19.67	2450432.0	16.0	.0	.00	29.18
04:00	0.011301	0.012596	17.6	20.02	2449759.2	16.2	.0	.00	29.20
05:00	0.011243	0.012499	17.6	19.88	2450019.1	16.1	.0	.00	29.22
06:00	0.011385	0.012685	17.8	20.19	2449440.9	16.3	.0	.00	29.23
07:00	0.011944	0.012549	18.7	19.99	2449817.6	16.7	1.1	.00	29.26
08:00	0.0126	0.012862	19.7	20.50	2448879.3	17.4	1.8	.00	29.27
09:00	0.013074	0.013188	20.4	21.03	2447905.9	17.9	1.4	.00	29.26
10:00	0.013536	0.013623	21.1	21.71	2446703.3	18.5	.4	.00	29.25
11:00	0.012886	0.015588	20.1	24.84	2441604.7	18.7	.0	.00	29.26
12:00	0.012252	0.018027	19.1	28.72	2435926.6	18.9	.0	.00	29.26
13:00	0.012001	0.01946	18.7	30.99	2432905.5	19.1	.0	.00	29.25
14:00	0.011645	0.020616	18.2	32.82	2430623.0	19.1	.0	.00	29.22
15:00	0.01137	0.021754	17.7	34.59	2428515.8	19.1	.0	.00	29.19
16:00	0.010688	0.022978	16.7	36.50	2426349.4	18.8	.0	.00	29.17
17:00	0.010885	0.023052	17.0	36.60	2426240.8	19.0	.0	.00	29.16
18:00	0.011244	0.02253	17.5	35.75	2427187.6	19.2	.0	.00	29.15
19:00	0.012492	0.020739	19.4	32.93	2430515.4	19.8	.0	.00	29.16
20:00	0.013394	0.018802	20.8	29.85	2434393.1	20.0	.0	.00	29.15
21:00	0.013241	0.017549	20.6	27.83	2437142.3	19.5	.0	.00	29.13
22:00	0.013197	0.016638	20.5	26.40	2439205.1	19.2	.0	.00	29.14
23:00	0.01317	0.015426	20.5	24.48	2442144.2	18.8	.0	.00	29.13
Avg	0.012042	0.016602	18.8	26.39	2440041.2	18.1	.2	.00	29.20
Max	0.013536	0.023052	21.1	36.60	2450432.0	20.0	1.8	.00	29.27
Hr. of Max	10	17	10	17	03	20	08	23	08
Min	0.010688	0.012375	16.7	19.67	2426240.8	16.0	.0	.00	29.13
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/26/2016

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	988.0	44	92	130	158	48.0	44.4	1.1	2.8
01:00	987.7	184	230	183	187	67.1	47.0	1.1	1.8
02:00	988.1	336	236	345	225	53.3	51.7	.4	1.1
03:00	988.3	41	261	25	263	61.4	50.7	.2	.9
04:00	988.8	278	236	286	251	66.9	46.2	.5	.8
05:00	989.3	257	259	257	261	36.8	16.4	1.1	3.1
06:00	989.9	278	269	281	269	31.5	13.4	1.7	4.1
07:00	990.7	307	244	262	251	70.8	53.2	.2	.9
08:00	991.2	129	130	132	124	37.0	44.3	1.2	1.1
09:00	990.9	65	91	61	85	29.8	32.0	1.5	1.9
10:00	990.6	83	90	85	90	26.4	19.9	2.6	3.7
11:00	990.9	138	135	146	146	39.8	36.5	2.5	2.9
12:00	991.0	151	152	153	153	43.9	37.5	3.0	3.5
13:00	990.4	150	149	152	151	33.3	29.7	4.5	5.1
14:00	989.6	112	113	112	111	35.5	30.7	4.6	5.3
15:00	988.6	144	142	142	138	53.2	43.7	3.7	4.4
16:00	987.9	173	171	176	176	36.2	35.6	5.0	5.8
17:00	987.6	138	139	144	145	47.1	44.5	2.3	2.9
18:00	987.2	75	76	74	73	42.0	33.4	2.4	3.1
19:00	987.3	59	59	58	58	18.9	9.6	1.9	3.5
20:00	987.1	60	72	60	72	17.4	6.3	2.2	4.3
21:00	986.6	62	69	62	69	17.5	10.1	2.5	4.7
22:00	986.7	66	74	65	73	16.3	9.0	2.7	5.0
23:00	986.5	55	66	56	71	44.2	12.8	1.8	3.7
Avg	988.8	95	133	170	170	40.6	31.6	.5	.5
Max	991.2	336	269	345	269	70.8	53.2	5.0	5.8
Hr. of Max	08	02	06	02	06	07	07	16	16
Min	986.5	41	59	25	58	16.3	6.3	.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)

5/26/2016

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	3.1	4.2	1.4	1.9	.6	5.3	.1	.5	.05
01:00	2.1	3.1	.9	1.4	3.2	5.9	.1	.3	.07
02:00	1.2	1.4	.5	.6	-.2	4.8	.0	.1	.00
03:00	1.2	1.4	.5	.6	-1.4	2.8	.0	.1	-.01
04:00	1.6	1.6	.7	.7	.4	3.2	.0	.1	.00
05:00	1.6	3.2	.7	1.4	-.6	2.6	.0	.1	-.01
06:00	1.9	4.2	.9	1.9	2.4	2.3	.0	.1	.00
07:00	1.0	1.3	.5	.6	-1.4	5.1	.0	.1	-.01
08:00	1.4	1.5	.6	.7	4.1	6.0	.1	.2	.04
09:00	1.7	2.2	.8	1.0	.5	3.5	.0	.1	-.02
10:00	3.0	4.0	1.3	1.8	1.6	1.6	.0	.0	-.01
11:00	3.2	3.6	1.4	1.6	5.0	8.4	.2	.4	.08
12:00	3.6	4.1	1.6	1.8	3.0	4.5	.2	.4	.09
13:00	5.3	5.7	2.4	2.5	3.4	3.0	.2	.2	.08
14:00	5.3	6.0	2.4	2.7	-.6	-.2	-.2	-.1	-.09
15:00	5.0	5.5	2.3	2.5	1.3	2.2	.0	.1	.00
16:00	5.9	6.7	2.7	3.0	2.0	1.6	.1	.1	.05
17:00	3.8	4.4	1.7	2.0	3.8	7.7	.2	.6	.10
18:00	3.2	3.8	1.4	1.7	1.8	-.1	.0	-.1	-.01
19:00	2.3	3.7	1.0	1.7	-1.7	-.4	-.1	-.1	-.04
20:00	2.3	4.4	1.0	1.9	-4.4	.1	-.2	.0	-.08
21:00	2.6	4.9	1.2	2.2	-2.8	-.1	-.2	.0	-.08
22:00	2.9	5.1	1.3	2.3	-2.0	-.1	-.1	.0	-.06
23:00	2.2	3.9	1.0	1.7	-3.4	.6	-.2	.0	-.07
Avg	2.8	3.7	1.3	1.7	.6	2.9	.0	.1	.00
Max	5.9	6.7	2.7	3.0	5.0	8.4	.2	.6	.10
Hr. of Max	16	16	16	16	11	11	17	17	17
Min	1.0	1.3	.5	.6	-4.4	-.4	-.2	-.1	-.09
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

5/26/2016

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	.20		15.4	17.5	17.5	22.1	21.7	22.9
01:00	.13		9.9	14.8	18.3	17.9	22.1	22.4
02:00	.05		2.7	3.9	8.7	10.2	20.2	21.1
03:00	.03		3.4	4.7	11.6	8.2	19.1	19.8
04:00	.04		3.8	4.7	9.4	11.9	19.4	19.8
05:00	.06		5.5	6.4	13.0	7.0	19.3	19.2
06:00	.06		5.6	7.3	16.6	6.9	19.5	19.7
07:00	.06		2.9	4.6	11.1	11.9	19.4	19.2
08:00	.08		3.3	3.8	16.1	18.4	19.9	19.5
09:00	.03		4.2	5.0	14.4	12.5	20.3	19.7
10:00	.01		6.6	8.4	17.1	14.6	20.9	20.2
11:00	.19		8.6	10.0	24.8	24.9	22.8	22.0
12:00	.16		10.2	10.0	28.4	28.1	25.0	24.2
13:00	.10		12.3	13.4	20.8	20.9	26.1	25.2
14:00	-.03		12.0	12.1	20.4	19.6	27.0	26.2
15:00	.04		12.9	13.8	22.1	22.4	27.8	27.0
16:00	.06		16.1	13.8	18.2	19.3	28.5	27.7
17:00	.28		9.6	10.2	23.0	23.3	28.8	28.1
18:00	-.06		10.1	9.9	24.0	22.1	28.6	27.9
19:00	-.03		4.8	7.1	11.3	6.4	27.4	27.1
20:00	.00		5.6	6.6	8.8	3.4	26.0	25.8
21:00	-.01		5.8	8.5	11.1	6.0	24.8	24.7
22:00	-.01		6.7	8.2	10.0	5.0	24.0	23.8
23:00	.01		5.8	7.6	7.4	4.0	22.8	22.9
Avg	.06		7.7	8.8	16.0	14.5	23.4	23.2
Max	.28		16.1	17.5	28.4	28.1	28.8	28.1
Hr. of Max	17		16	00	12	12	17	17
Min	-.06		2.7	3.8	7.4	3.4	19.1	19.2
Count	24	0	24	24	24	24	24	24
Total								