Date Printed: 06/10/2016 10:30

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

Daily Summary Report

Site: Tower "A" (7900 Area)

6/9/2016

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	18.1	18.9	64.5	66.0	.8	11.5	52.7	66.6	10.1
01:00	16.5	17.8	61.7	64.0	1.3	11.6	52.8	74.0	10.2
02:00	15.7	17.0	60.3	62.6	1.3	12.0	53.6	79.9	10.6
03:00	15.4	16.3	59.8	61.3	.9	12.0	53.7	81.4	10.6
04:00	14.5	15.9	58.1	60.6	1.4	11.8	53.2	85.2	10.4
05:00	13.5	15.0	56.3	59.0	1.5	10.8	51.5	85.3	9.8
06:00	13.0	14.3	55.3	57.7	1.3	11.2	52.1	90.0	10.1
07:00	14.7	14.7	58.4	58.4	.0	10.6	51.1	77.8	9.7
08:00	17.1	16.9	62.8	62.4	-.2	10.0	50.0	63.0	9.3
09:00	18.9	18.6	66.0	65.4	-.3	9.2	48.6	52.0	8.8
10:00	20.2	19.9	68.4	67.8	-.3	9.2	48.6	49.9	8.7
11:00	21.7	21.4	71.0	70.6	-.3	9.1	48.4	45.4	8.7
12:00	22.8	22.6	73.0	72.8	-.2	9.1	48.4	41.7	8.6
13:00	24.2	23.9	75.5	75.0	-.3	9.0	48.2	39.0	8.5
14:00	25.0	24.7	77.0	76.5	-.3	8.3	46.9	35.4	8.1
15:00	25.8	25.5	78.5	77.8	-.4	8.8	47.8	34.8	8.3
16:00	26.2	25.8	79.2	78.5	-.4	7.4	45.4	31.2	7.6
17:00	26.6	26.3	79.9	79.3	-.3	6.8	44.2	29.2	7.3
18:00	26.4	26.2	79.4	79.1	-.2	9.2	48.6	35.2	8.6
19:00	24.7	25.1	76.4	77.2	.4	12.7	54.8	48.3	10.8
20:00	22.8	23.8	73.0	74.8	1.0	12.2	54.0	52.4	10.5
21:00	20.8	22.3	69.5	72.1	1.4	12.6	54.6	60.4	10.8
22:00	19.6	21.0	67.2	69.8	1.5	12.6	54.6	65.5	10.9
23:00	17.8	19.5	64.1	67.1	1.7	14.2	57.6	81.0	12.1
Avg	20.1	20.6	68.1	69.0	.5	10.5	50.9	58.5	9.5
Max	26.6	26.3	79.9	79.3	1.7	14.2	57.6	90.0	12.1
Hr. of Max	17	17	17	17	23	23	23	06	23
Min	13.0	14.3	55.3	57.7	-.4	6.8	44.2	29.2	7.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

6/9/2016

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	0.008732	0.013114	13.6	20.77	2448373.4	13.7	.0	.00	29.09
01:00	0.008769	0.011896	13.7	18.85	2452087.2	13.2	.0	.00	29.10
02:00	0.009017	0.011288	14.1	17.88	2453993.5	13.2	.0	.00	29.10
03:00	0.00903	0.011099	14.1	17.59	2454591.6	13.2	.0	.00	29.10
04:00	0.008876	0.010421	13.9	16.52	2456901.1	12.7	.0	.00	29.10
05:00	0.008329	0.009765	13.0	15.48	2459272.3	11.7	.0	.00	29.11
06:00	0.00849	0.009438	13.3	14.98	2460476.7	11.8	.0	.00	29.13
07:00	0.008189	0.010538	12.8	16.73	2456445.0	12.0	.0	.00	29.15
08:00	0.0079	0.012364	12.4	19.50	2454000.0	12.5	.0	.00	29.15
09:00	0.0078	0.014182	11.8	22.50	2452000.0	13.0	.0	.00	29.15
10:00	0.0077	0.015116	11.8	24.00	2450000.0	13.4	.0	.00	29.15
11:00	0.0076	0.016666	11.9	26.40	2448000.0	13.6	.0	.00	29.16
12:00	0.0075	0.017884	11.7	28.40	2444000.0	13.8	.0	.00	29.16
13:00	0.007427	0.019034	11.6	30.22	2433912.1	14.0	.0	.00	29.16
14:00	0.007086	0.02003	11.1	31.79	2431910.4	13.9	.0	.00	29.14
15:00	0.007338	0.021064	11.5	33.42	2429899.7	14.5	.0	.00	29.12
16:00	0.006709	0.021517	10.5	34.12	2429069.8	13.7	.0	.00	29.11
17:00	0.006432	0.022017	10.1	34.91	2428142.5	13.4	.0	.00	29.10
18:00	0.007621	0.021735	11.9	34.45	2428684.0	15.0	.0	.00	29.10
19:00	0.009481	0.019671	14.8	31.17	2432681.8	16.7	.0	.00	29.09
20:00	0.009205	0.017566	14.4	27.82	2437172.0	15.7	.0	.00	29.09
21:00	0.0094	0.015591	14.7	24.70	2441789.4	15.3	.0	.00	29.10
22:00	0.009392	0.0144	14.7	22.83	2444833.7	14.9	.0	.00	29.11
23:00	0.010438	0.012892	16.3	20.44	2448995.6	15.4	.0	.00	29.12
Avg	0.008269	0.015387	12.9	24.39	2444884.7	13.8	.0	.00	29.12
Max	0.010438	0.022017	16.3	34.91	2460476.7	16.7	.0	.00	29.16
Hr. of Max	23	17	23	17	06	19	23	23	13
Min	0.006432	0.009438	10.1	14.98	2428142.5	11.7	.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)

6/9/2016

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	51	76	51	76	10.9	5.9	2.2	4.1
01:00	985.6	51	64	53	63	46.2	4.8	1.2	4.2
02:00	985.5	41	70	45	69	20.0	5.4	1.9	3.8
03:00	985.4	58	61	57	60	12.2	3.5	1.9	4.6
04:00	985.5	67	73	72	73	22.8	5.3	1.3	3.8
05:00	985.8	46	77	42	76	35.1	5.6	.9	2.9
06:00	986.5	51	85	62	84	42.9	9.1	.8	2.3
07:00	987.0	90	72	90	73	30.7	17.4	1.4	2.9
08:00	987.0	67	69	75	68	24.2	17.4	3.3	4.7
09:00	987.0	73	70	80	72	25.6	24.3	4.7	5.7
10:00	987.0	48	84	90	86	20.8	20.8	5.4	6.2
11:00	987.2	46	90	93	91	24.3	26.0	4.5	5.0
12:00	987.2	39	98	100	99	27.7	29.7	4.4	4.9
13:00	987.3	31	37	42	46	51.7	38.5	2.7	3.4
14:00	986.8	52	70	57	66	69.8	61.9	1.7	2.2
15:00	986.2	115	116	112	109	41.2	38.3	3.7	4.1
16:00	985.7	86	82	82	81	49.4	42.2	2.5	3.1
17:00	985.5	86	81	87	84	42.8	39.0	2.3	2.7
18:00	985.3	63	69	72	73	30.2	25.6	1.9	2.5
19:00	985.2	44	69	44	67	12.9	12.3	1.6	2.5
20:00	985.1	14	79	10	77	19.6	9.9	1.8	1.4
21:00	985.4	25	89	15	88	28.5	21.5	1.2	1.2
22:00	985.8	36	72	31	72	30.0	6.7	1.4	3.0
23:00	986.1	8	67	0	70	43.7	42.3	.6	1.9
Avg	986.1	53	76	75	75	31.8	21.4	3.2	3.2
Max	987.3	115	116	112	109	69.8	61.9	5.4	6.2
Hr. of Max	13	15	15	15	15	14	14	10	10
Min	985.1	8	37	0	46	10.9	3.5	.6	1.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

6/9/2016

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	2.2	4.1	1.0	1.8	-2.7	1.5	-.1	.1	-.05
01:00	1.3	4.2	.6	1.9	-1.0	1.2	-.1	.1	-.03
02:00	2.0	3.8	.9	1.7	-.9	1.6	.0	.1	-.02
03:00	2.0	4.6	.9	2.0	-3.2	.3	-.1	.0	-.06
04:00	1.4	3.8	.6	1.7	-.5	3.3	.0	.2	-.01
05:00	1.0	2.9	.4	1.3	-3.0	2.9	-.1	.1	-.03
06:00	1.1	2.4	.5	1.1	-1.7	2.0	.0	.1	-.02
07:00	1.5	2.9	.7	1.3	.7	3.4	-2.0	.1	-.80
08:00	3.6	4.9	1.6	2.3	.9	-999.0	.0	-999.0	.00
09:00	5.1	6.1	2.3	2.7	.6	-999.0	-.1	-999.0	.00
10:00	5.7	6.5	2.6	2.9	1.4	-999.0	.0	-999.0	.00
11:00	4.8	5.5	2.2	2.4	-.3	-999.0	.0	-999.0	.00
12:00	4.9	5.5	2.2	2.4	-.3	-999.0	-.1	-999.0	-.04
13:00	4.0	4.5	1.8	2.0	2.7	3.3	-.1	.2	-.03
14:00	3.5	3.8	1.6	1.7	.5	.0	.0	-.1	-.01
15:00	4.5	4.9	2.0	2.2	3.4	5.6	.1	.3	.05
16:00	3.4	3.9	1.5	1.7	-5.6	-8.7	-.3	-.5	-.14
17:00	3.0	3.3	1.3	1.5	-.8	1.2	-.1	.0	-.03
18:00	2.3	2.8	1.0	1.3	3.5	5.2	.1	.2	.03
19:00	1.7	2.6	.8	1.1	-2.7	1.0	-.1	.0	-.04
20:00	1.8	1.5	.8	.7	-2.0	3.6	-.1	.1	-.03
21:00	1.4	1.5	.6	.6	-2.5	3.4	-.1	.1	-.03
22:00	1.6	3.2	.7	1.4	-.4	4.1	.0	.2	.00
23:00	1.1	2.1	.5	.9	-.3	3.6	.0	.1	-.01
Avg	2.7	3.8	1.2	1.7	-.6	-206.5	-.1	-208.1	-.05
Max	5.7	6.5	2.6	2.9	3.5	5.6	.1	.3	.05
Hr. of Max	10	10	10	10	18	15	18	15	15
Min	1.0	1.5	.4	.6	-5.6	-999.0	-2.0	-999.0	-.80
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

6/9/2016

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		4.1	6.7	8.1	3.7	19.5	19.7
01:00	.04		3.9	7.0	9.0	2.6	18.1	18.6
02:00	.04		4.3	5.5	6.4	2.4	17.3	17.9
03:00	.01		4.1	5.9	8.5	2.1	17.0	17.2
04:00	.09		3.0	5.2	7.6	3.2	16.1	16.8
05:00	.07		2.1	4.4	7.3	3.0	15.0	15.9
06:00	.04		2.6	3.9	7.4	5.8	14.6	15.2
07:00	.05		5.6	7.5	16.8	12.5	16.1	15.7
08:00	-999.00		9.6	10.5				
09:00	-999.00		14.2	15.6				
10:00	-999.00		18.3	18.5				
11:00	-999.00		11.9	14.2				
12:00	-999.00		12.1	12.4				
13:00	.07		10.2	10.5	26.5	26.6	25.3	24.5
14:00	-.04		12.9	10.4	29.6	32.2	26.0	25.2
15:00	.15		10.8	11.5	23.7	25.4	26.7	25.9
16:00	-.23		11.3	12.6	25.6	25.2	27.0	26.3
17:00	.02		6.5	7.1	22.7	23.6	27.4	26.7
18:00	.10		5.9	6.3	19.5	19.5	27.4	26.7
19:00	.01		3.7	4.9	9.0	4.8	26.0	25.8
20:00	.04		3.1	2.7	7.3	6.3	24.2	24.7
21:00	.04		2.6	2.9	7.1	5.5	22.4	23.2
22:00	.10		3.4	4.1	8.7	2.4	21.2	22.1
23:00	.05		2.5	2.9	7.7	4.8	19.6	20.7
Avg	-208.10		7.0	8.1	13.6	11.1	21.4	21.5
Max	.15		18.3	18.5	29.6	32.2	27.4	26.7
Hr. of Max	15		10	10	14	14	18	18
Min	-999.00		2.1	2.7	6.4	2.1	14.6	15.2
Count	24	0	24	24	19	19	19	19
Total								