Date Printed: 2/8/2018 06:49

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

Daily Summary Report

Site: Tower "A" (7900 Area)

2/6/2018

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	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	-2.9	-2.0	26.7	28.5	1.0	-3.8	25.2	94.2	3.7
01:00	-2.8	-1.9	27.0	28.6	.9	-4.1	24.7	91.2	3.6
02:00	-1.8	-1.2	28.8	29.8	.6	-3.7	25.3	87.1	3.7
03:00	-1.1	-.6	30.1	30.9	.5	-3.4	25.8	84.4	3.8
04:00	-.5	.0	31.1	32.1	.5	-2.7	27.2	85.5	4.0
05:00	.1	.5	32.2	32.9	.4	-2.4	27.7	84.0	4.1
06:00	.7	1.1	33.2	34.0	.4	-2.3	27.9	81.2	4.1
07:00	1.1	1.4	33.9	34.6	.4	-2.2	28.1	79.5	4.1
08:00	1.5	1.7	34.6	35.1	.2	-2.1	28.3	77.9	4.2
09:00	2.6	2.6	36.7	36.6	.0	-1.5	29.2	74.7	4.3
10:00	3.4	3.2	38.2	37.9	-.2	-1.0	30.2	73.2	4.5
11:00	4.3	4.1	39.8	39.4	-.2	-1.3	29.7	67.6	4.4
12:00	5.1	4.9	41.2	40.7	-.3	-1.1	30.0	64.6	4.4
13:00	5.5	5.4	42.0	41.6	-.2	-.7	30.8	64.8	4.5
14:00	5.7	5.7	42.3	42.3	.0	-.1	31.8	66.6	4.7
15:00	6.0	6.0	42.9	42.8	.0	.3	32.6	67.3	4.9
16:00	5.9	6.0	42.6	42.7	.1	.4	32.8	68.7	4.9
17:00	5.3	5.5	41.6	42.0	.2	.5	33.0	71.8	5.0
18:00	3.8	4.3	38.8	39.8	.6	2.3	36.1	91.0	5.6
19:00	3.3	3.9	38.0	39.1	.6	2.8	37.1	97.5	5.8
20:00	3.5	4.0	38.4	39.1	.4	3.1	37.6	97.6	6.0
21:00	3.6	4.0	38.5	39.2	.4	3.1	37.6	97.6	6.0
22:00	3.6	4.0	38.5	39.2	.4	3.2	37.7	97.6	6.0
23:00	3.5	3.9	38.2	39.0	.4	3.0	37.4	97.6	6.0
Avg	2.5	2.8	36.5	37.0	.3	-.6	31.0	81.8	4.7
Max	6.0	6.0	42.9	42.8	1.0	3.2	37.7	97.6	6.0
Hr. of Max	15	16	15	15	00	22	22	23	23
Min	-2.9	-2.0	26.7	28.5	-.3	-4.1	24.7	64.6	3.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

2/6/2018

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	0.002917	0.003095	4.6	4.92	2498231.5	-3.5	.0	.00	29.26
01:00	0.002851	0.003126	4.5	4.98	2497815.7	-3.6	.0	.00	29.25
02:00	0.002928	0.003361	4.6	5.35	2495523.9	-3.1	.0	.00	29.28
03:00	0.002998	0.003551	4.8	5.65	2493817.9	-2.6	.0	.00	29.28
04:00	0.00316	0.003696	5.0	5.90	2492410.6	-2.0	.0	.00	29.29
05:00	0.003237	0.003854	5.1	6.15	2491046.4	-1.5	.0	.00	29.31
06:00	0.003258	0.004015	5.2	6.41	2489680.8	-1.3	.0	.00	29.33
07:00	0.003293	0.004144	5.2	6.60	2488727.0	-1.1	.0	.00	29.35
08:00	0.003312	0.004252	5.3	6.79	2487794.5	-.9	.0	.00	29.37
09:00	0.003445	0.004615	5.5	7.38	2485074.6	-.2	.0	.00	29.38
10:00	0.00358	0.004892	5.7	7.82	2483085.5	.5	.0	.00	29.38
11:00	0.003511	0.005197	5.6	8.32	2481018.2	.6	.0	.00	29.39
12:00	0.003555	0.005506	5.7	8.80	2479105.4	1.0	.0	.00	29.37
13:00	0.003672	0.005666	5.8	9.06	2478113.9	1.4	.0	.00	29.35
14:00	0.003832	0.00575	6.1	9.19	2477632.2	1.8	.0	.00	29.33
15:00	0.003957	0.005881	6.3	9.38	2476924.5	2.2	.0	.00	29.33
16:00	0.003992	0.005814	6.3	9.27	2477330.3	2.3	.0	.00	29.32
17:00	0.004022	0.005602	6.4	8.94	2478596.9	2.1	.0	.00	29.32
18:00	0.004543	0.005012	7.2	8.01	2482319.6	2.8	2.8	.11	29.32
19:00	0.004709	0.004832	7.5	7.75	2483396.7	3.0	.6	.02	29.32
20:00	0.004831	0.00495	7.6	7.88	2482849.5	3.2	.0	.00	29.31
21:00	0.004848	0.004968	7.7	7.90	2482750.4	3.3	.0	.00	29.29
22:00	0.004864	0.004985	7.7	7.93	2482619.0	3.3	.0	.00	29.27
23:00	0.004809	0.004927	7.6	7.84	2483012.0	3.2	.0	.00	29.24
Avg	0.003755	0.004654	6.0	7.43	2485369.9	.5	.1	.01	29.32
Max	0.004864	0.005881	7.7	9.38	2498231.5	3.3	2.8	.11	29.39
Hr. of Max	22	15	22	15	00	22	18	18	11
Min	0.002851	0.003095	4.5	4.92	2476924.5	-3.6	.0	.00	29.24
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

2/6/2018

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	990.8	254	260	262	264	46.2	14.5	1.3	3.3
01:00	990.7	44	266	315	260	56.9	58.1	.2	1.6
02:00	991.4	271	244	266	248	50.7	28.6	.6	1.7
03:00	991.5	251	263	263	260	53.1	43.3	.7	2.0
04:00	991.7	53	65	63	66	74.8	44.9	.7	1.4
05:00	992.4	56	100	50	90	44.1	49.4	.9	1.3
06:00	993.1	65	82	65	84	21.8	23.5	2.1	2.7
07:00	993.9	72	94	73	95	14.8	13.0	2.4	3.1
08:00	994.4	72	99	72	97	19.3	13.9	1.7	2.2
09:00	994.8	57	111	76	115	55.1	48.0	.6	.8
10:00	995.0	90	65	115	97	52.3	63.3	.5	.3
11:00	995.2	77	82	82	87	34.1	32.2	1.3	1.2
12:00	994.7	74	76	72	74	19.8	17.2	2.6	2.9
13:00	993.9	80	83	82	83	25.6	21.8	2.9	3.1
14:00	993.3	87	78	88	81	22.8	16.9	3.3	3.8
15:00	993.1	55	59	55	59	23.3	20.8	3.8	4.8
16:00	992.8	83	83	84	84	17.6	14.5	5.1	6.4
17:00	992.7	76	75	76	76	19.6	17.3	5.5	6.6
18:00	992.8	53	57	55	58	22.6	18.0	4.5	5.9
19:00	993.0	65	65	66	66	20.4	15.9	4.1	5.5
20:00	992.5	63	63	67	67	19.6	16.8	3.6	4.9
21:00	991.9	73	76	73	75	22.8	15.9	4.7	6.3
22:00	991.2	65	69	66	70	14.7	12.1	3.5	4.8
23:00	990.3	71	74	71	74	17.8	12.2	2.8	4.1
Avg	992.8	66	78	83	83	32.1	26.3	.5	.5
Max	995.2	271	266	315	264	74.8	63.3	5.5	6.6
Hr. of Max	11	02	01	01	00	04	10	17	17
Min	990.3	44	57	50	58	14.7	12.1	.2	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

2/6/2018

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	1.7	3.4	.8	1.5	-2.0	.0	-.08	-.01	-.04
01:00	1.3	2.0	.6	.9	-2.3	-.4	-.06	-.01	-.03
02:00	1.0	1.9	.5	.9	1.8	1.4	.03	.03	.01
03:00	1.4	2.5	.6	1.1	-1.7	.8	-.04	.02	-.02
04:00	1.5	1.7	.7	.8	2.9	.9	.07	.01	.03
05:00	1.2	1.7	.5	.8	1.8	3.9	.03	.10	.01
06:00	2.2	2.8	1.0	1.2	-1.9	-1.1	-.06	-.02	-.03
07:00	2.5	3.2	1.1	1.4	-.1	.6	-.02	.01	-.01
08:00	1.8	2.3	.8	1.0	-.4	1.5	-.03	.05	-.01
09:00	1.7	2.2	.8	1.0	6.7	5.5	.12	.17	.05
10:00	1.1	1.1	.5	.5	1.6	6.0	.09	.21	.04
11:00	1.6	1.5	.7	.7	-1.4	-4.7	-.04	-.05	-.02
12:00	2.9	3.1	1.3	1.4	.2	-.8	-.02	-.05	-.01
13:00	3.2	3.5	1.5	1.6	-.4	-.4	-.06	-.05	-.03
14:00	3.5	4.0	1.6	1.8	7.6	2.8	.31	.10	.14
15:00	4.1	5.0	1.8	2.3	3.6	3.2	.00	.04	.00
16:00	5.3	6.6	2.4	2.9	3.4	1.6	.10	-.02	.05
17:00	5.8	6.9	2.6	3.1	2.2	2.5	.09	.08	.04
18:00	4.8	6.2	2.2	2.8	-.1	-.5	-.12	-.16	-.05
19:00	4.5	5.8	2.0	2.6	1.2	.6	.04	.00	.02
20:00	4.0	5.2	1.8	2.3	1.4	.0	.05	-.04	.02
21:00	5.0	6.5	2.2	2.9	2.2	.2	.07	-.14	.03
22:00	3.7	4.9	1.6	2.2	1.7	.5	.04	.00	.02
23:00	2.9	4.2	1.3	1.9	1.5	1.5	.03	.08	.01
Avg	2.9	3.7	1.3	1.7	1.2	1.1	.02	.01	.01
Max	5.8	6.9	2.6	3.1	7.6	6.0	.31	.21	.14
Hr. of Max	17	17	17	17	14	10	14	10	14
Min	1.0	1.1	.5	.5	-2.3	-4.7	-.12	-.16	-.05
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

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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	.00		5.1	6.2	9.0	3.9	-2.7	-2.1
01:00	.00		3.9	5.3	11.8	10.8	-2.7	-2.1
02:00	.01		3.0	3.4	14.2	8.0	-1.9	-1.4
03:00	.01		3.5	5.9	14.4	10.0	-1.2	-.8
04:00	.01		3.5	4.1	11.8	10.2	-.5	-.2
05:00	.05		3.2	3.7	14.4	17.8	.1	.3
06:00	-.01		4.8	5.6	10.4	11.4	.7	.9
07:00	.01		4.9	5.2	8.1	7.8	1.1	1.2
08:00	.02		3.8	5.0	10.5	9.8	1.4	1.5
09:00	.08		4.4	4.4	19.8	17.5	2.4	2.3
10:00	.09		3.7	3.3	27.9	27.9	3.1	3.1
11:00	-.02		3.9	4.0	26.6	28.9	4.0	3.9
12:00	-.02		6.1	6.8	17.6	18.9	4.7	4.6
13:00	-.02		7.2	6.4	18.1	17.3	5.2	5.1
14:00	.04		7.7	9.5	19.1	16.8	5.6	5.5
15:00	.02		10.2	10.2	18.0	17.5	5.9	5.8
16:00	-.01		11.8	12.8	16.8	14.5	5.8	5.8
17:00	.03		13.5	14.1	15.4	15.3	5.4	5.4
18:00	-.07		11.4	12.8	13.6	11.1	4.2	4.2
19:00	.00		13.0	12.2	12.0	10.3	3.8	3.8
20:00	-.02		10.0	11.3	13.4	10.2	3.9	3.9
21:00	-.06		12.3	13.8	15.4	12.5	3.9	3.9
22:00	.00		10.4	9.4	11.6	9.4	3.9	3.9
23:00	.04		6.5	7.2	11.3	8.3	3.8	3.8
Avg	.01		7.0	7.6	15.1	13.6	2.5	2.6
Max	.09		13.5	14.1	27.9	28.9	5.9	5.8
Hr. of Max	10		17	17	10	11	15	15
Min	-.07		3.0	3.3	8.1	3.9	-2.7	-2.1
Count	24	0	24	24	24	24	24	24
Total								