Date Printed: 8/13/2017 10:09

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

Daily Summary Report

Site: Tower "A" (7900 Area)

8/11/2017

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	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	22.5	22.7	72.5	72.9	.2	21.6	70.9	97.5	19.0
01:00	22.0	22.0	71.6	71.7	.1	21.4	70.4	98.9	18.7
02:00	21.7	21.9	71.1	71.4	.1	21.1	70.0	99.0	18.5
03:00	21.7	21.8	71.0	71.2	.1	21.1	70.0	99.1	18.4
04:00	21.6	21.7	70.8	71.1	.1	21.0	69.9	99.2	18.4
05:00	21.6	21.9	70.8	71.4	.3	21.1	70.0	99.7	18.5
06:00	21.5	21.6	70.7	70.9	.1	21.1	69.9	100.0	18.4
07:00	21.7	21.7	71.0	71.1	.1	21.3	70.3	100.4	18.7
08:00	22.0	22.0	71.6	71.6	.0	21.4	70.5	98.9	18.7
09:00	22.5	22.4	72.5	72.4	.0	21.4	70.5	96.2	18.7
10:00	23.5	23.4	74.3	74.2	.0	20.8	69.4	87.1	18.0
11:00	23.7	23.6	74.6	74.5	.0	21.0	69.8	87.6	18.2
12:00	22.9	22.8	73.2	73.1	.0	21.8	71.3	96.5	19.2
13:00	24.5	24.5	76.2	76.1	-.1	20.3	68.6	79.5	17.5
14:00	26.2	26.0	79.1	78.9	-.1	20.4	68.7	72.6	17.4
15:00	27.1	26.9	80.9	80.4	-.2	20.4	68.8	68.7	17.4
16:00	27.1	26.9	80.7	80.3	-.2	20.0	68.0	67.1	17.0
17:00	27.2	27.1	81.0	80.7	-.2	19.6	67.2	64.7	16.5
18:00	26.6	26.6	79.9	79.9	.0	20.7	69.2	71.9	17.7
19:00	25.4	25.6	77.7	78.1	.2	21.9	71.4	83.5	19.2
20:00	24.3	24.5	75.7	76.1	.3	22.5	72.5	92.5	19.9
21:00	23.6	24.0	74.5	75.3	.4	22.6	72.6	96.6	20.0
22:00	23.5	23.7	74.3	74.7	.3	22.6	72.7	97.8	20.1
23:00	23.2	23.5	73.7	74.3	.3	22.4	72.3	98.2	19.9
Avg	23.7	23.7	74.6	74.7	.1	21.2	70.2	89.7	18.5
Max	27.2	27.1	81.0	80.7	.4	22.6	72.7	100.4	20.1
Hr. of Max	17	17	17	17	21	22	22	07	22
Min	21.5	21.6	70.7	70.9	-.2	19.6	67.2	64.7	16.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/11/2017

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	0.01675	0.017184	25.9	27.31	2437878.4	21.9	20.0	.79	29.20
01:00	0.016453	0.016642	25.5	26.47	2439093.3	21.6	1.3	.05	29.20
02:00	0.016238	0.016405	25.1	26.06	2439691.2	21.3	.0	.00	29.19
03:00	0.016196	0.01635	25.1	25.96	2439841.3	21.3	.0	.00	29.18
04:00	0.01616	0.016286	25.0	25.84	2440023.4	21.2	.0	.00	29.17
05:00	0.016226	0.01627	25.1	25.81	2440071.8	21.3	.0	.00	29.15
06:00	0.016211	0.016214	25.1	25.71	2440216.5	21.2	.0	.00	29.14
07:00	0.016421	0.01636	25.4	25.97	2439832.7	21.4	.1	.00	29.16
08:00	0.0165	0.016686	25.5	26.51	2439038.5	21.6	.0	.00	29.18
09:00	0.01653	0.017184	25.6	27.29	2437897.9	21.8	.0	.00	29.18
10:00	0.015897	0.018257	24.6	28.99	2435531.3	21.7	.0	.00	29.18
11:00	0.016146	0.018469	25.0	29.34	2435070.4	21.9	.9	.03	29.18
12:00	0.01698	0.017606	26.2	27.96	2436965.3	22.2	2.6	.10	29.17
13:00	0.015482	0.01947	24.0	30.92	2433005.2	21.7	.0	.00	29.16
14:00	0.015578	0.02146	24.1	34.06	2429144.6	22.3	.0	.00	29.13
15:00	0.015637	0.022759	24.2	36.07	2426825.1	22.7	.0	.00	29.11
16:00	0.015213	0.022674	23.5	35.91	2427008.7	22.3	.0	.00	29.09
17:00	0.014829	0.022918	22.9	36.27	2426598.7	22.1	.0	.00	29.08
18:00	0.015858	0.022057	24.5	34.94	2428112.8	22.6	.0	.00	29.07
19:00	0.017156	0.020581	26.4	32.56	2430951.2	23.1	.0	.00	29.06
20:00	0.017754	0.019197	27.3	30.39	2433681.3	23.1	.0	.00	29.06
21:00	0.017846	0.018483	27.5	29.26	2435170.8	22.9	.0	.00	29.07
22:00	0.017917	0.018322	27.6	29.00	2435524.9	22.9	.0	.00	29.08
23:00	0.017657	0.01799	27.2	28.48	2436238.2	22.7	.0	.00	29.07
Avg	0.016401	0.018576	25.3	29.46	2435142.2	22.0	1.0	.04	29.14
Max	0.017917	0.022918	27.6	36.27	2440216.5	23.1	20.0	.79	29.20
Hr. of Max	22	17	22	17	06	20	00	00	01
Min	0.014829	0.016214	22.9	25.71	2426598.7	21.2	.0	.00	29.06
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/11/2017

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	988.6	168	175	175	177	51.8	33.7	1.7	3.3
01:00	988.6	326	304	319	305	38.9	41.9	1.5	2.2
02:00	988.3	282	278	292	279	58.2	47.7	.9	1.6
03:00	988.0	250	244	252	246	30.1	19.0	1.2	1.8
04:00	987.7	339	299	4	274	34.8	35.8	.5	.5
05:00	987.1	40	65	44	66	27.9	38.8	1.9	2.2
06:00	986.9	91	106	97	110	44.6	26.6	1.8	3.2
07:00	987.4	9	24	360	8	49.2	44.7	.9	1.0
08:00	988.0	269	271	265	272	36.6	26.5	1.1	1.8
09:00	988.2	253	254	252	255	30.7	25.6	1.7	2.3
10:00	988.2	269	258	267	262	49.9	41.2	1.3	2.1
11:00	988.1	309	300	309	301	35.8	23.7	2.3	3.4
12:00	987.8	308	306	307	302	37.7	28.0	2.4	3.6
13:00	987.4	297	289	297	290	50.7	39.3	2.0	3.1
14:00	986.5	290	287	289	286	44.9	34.7	3.2	5.2
15:00	985.7	244	256	246	258	47.9	30.1	3.8	6.4
16:00	985.0	254	261	250	261	39.0	26.2	4.6	6.8
17:00	984.7	234	247	231	244	43.9	29.5	2.9	4.2
18:00	984.4	237	234	227	231	26.8	21.1	2.2	3.1
19:00	984.1	354	206	310	232	46.9	25.7	.4	.6
20:00	984.1	23	73	23	79	32.7	53.6	.8	.6
21:00	984.3	55	75	53	73	21.0	11.3	1.6	2.6
22:00	984.6	343	77	349	66	53.2	57.9	.4	.6
23:00	984.2	61	80	51	75	30.0	18.8	1.4	2.0
Avg	986.6	304	275	278	278	40.1	32.6	.6	.6
Max	988.6	354	306	360	305	58.2	57.9	4.6	6.8
Hr. of Max	01	19	12	07	01	02	22	16	16
Min	984.1	9	24	4	8	21.0	11.3	.4	.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/11/2017

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	3.4	5.0	1.5	2.2	4.9	4.3	.16	.23	.07
01:00	2.0	2.7	.9	1.2	-4.9	-1.6	-.20	-.11	-.09
02:00	1.3	1.9	.6	.9	-5.8	-4.0	-.14	-.12	-.06
03:00	1.4	2.0	.6	.9	-5.7	-2.7	-.17	-.09	-.07
04:00	1.4	1.7	.6	.8	-5.5	-3.7	-.11	-.11	-.05
05:00	2.2	2.8	1.0	1.3	.7	1.9	.01	.12	.00
06:00	2.3	3.6	1.0	1.6	5.6	10.0	.23	.59	.10
07:00	1.3	1.6	.6	.7	-2.7	-.2	-.08	-.03	-.04
08:00	1.5	2.1	.7	.9	-.8	-.2	-.08	-.02	-.03
09:00	2.0	2.6	.9	1.2	-3.0	.6	-.15	-.02	-.07
10:00	1.9	2.5	.8	1.1	1.6	3.7	-.01	.09	-.01
11:00	2.6	3.7	1.2	1.6	-5.9	-1.3	-.38	-.18	-.17
12:00	3.0	4.0	1.3	1.8	-6.2	-1.0	-.46	-.17	-.21
13:00	3.0	4.0	1.3	1.8	-1.6	-.8	-.30	-.25	-.13
14:00	4.2	5.8	1.9	2.6	-2.6	-.2	-.46	-.35	-.20
15:00	4.9	7.0	2.2	3.1	1.4	2.2	-.22	-.09	-.10
16:00	5.6	7.4	2.5	3.3	-3.2	-1.3	-.61	-.46	-.27
17:00	3.7	4.9	1.7 -	2.2	1.4	2.1	-.02	.00	-.01
18:00	2.5	3.4	1.1	1.5	-2.1	.7	-.08	.01	-.04
19:00	1.4	1.9	.6	.8	-1.5	3.9	-.05	.10	-.02
20:00	.9	.9	.4	.4	-5.6	3.4	-.10	.04	-.04
21:00	1.7	2.7	.8	1.2	-5.0	.1	-.13	.00	-.06
22:00	.8	.9	.3	.4	-1.2	2.7	-.02	.05	-.01
23:00	1.6	2.2	.7	1.0	-1.1	.9	-.07	.00	-.03
Avg	2.4	3.2	1.1	1.4	-2.0	.8	-.14	-.03	-.06
Max	5.6	7.4	2.5	3.3	5.6	10.0	.23	.59	.10
Hr. of Max	16	16	16	16	06	06	06	06	06
Min	.8	.9	.3	.4	-6.2	-4.0	-.61	-.46	-.27
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "A" (7900 Area)

8/11/2017

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	.10		20.0	27.3	18.1	13.9	24.9	24.4
01:00	-.05		4.6	5.9	15.8	13.5	24.3	23.6
02:00	-.06		3.2	4.4	12.5	11.4	24.1	23.5
03:00	-.04		3.1	3.5	12.4	6.7	24.1	23.4
04:00	-.05		4.0	3.7	14.9	13.1	24.0	23.3
05:00	.05		5.2	5.9	13.8	14.9	24.0	23.5
06:00	.26		9.3	8.7	18.8	17.3	23.9	23.2
07:00	-.01		3.7	4.4	16.2	15.4	24.1	23.3
08:00	-.01		3.7	3.9	22.0	15.2	24.5	23.6
09:00	-.01		4.1	5.3	21.2	19.1	24.9	24.0
10:00	.04		5.0	6.6	24.9	23.6	25.9	25.0
11:00	-.08		8.7	10.0	20.7	17.1	26.1	25.2
12:00	-.08		8.0	9.7	23.3	20.0	25.3	24.4
13:00	-.11		8.3	8.9	27.0	24.2	26.9	26.0
14:00	-.16		13.7	14.1	25.9	21.9	28.4	27.5
15:00	-.04		12.7	15.9	25.4	20.1	29.2	28.2
16:00	-.21		17.4	16.5	23.1	17.0	29.0	28.1
17:00	.00		10.1	10.8	23.8	19.2	29.2	28.3
18:00	.01		5.7	7.0	17.9	13.1	28.8	28.0
19:00	.05		3.6	3.9	11.9	12.6	27.9	27.3
20:00	.02		2.5	2.3	8.0	12.8	26.8	26.3
21:00	.00		3.8	5.1	8.7	3.7	26.2	25.8
22:00	.02		2.2	3.0	9.7	11.3	26.1	25.5
23:00	.00		4.5	5.2	9.0	5.7	25.8	25.3
Avg	-.02		7.0	8.0	17.7	15.1	26.0	25.3
Max	.26		20.0	27.3	27.0	24.2	29.2	28.3
Hr. of Max	06		00	00	13	13	17	17
Min	-.21		2.2	2.3	8.0	3.7	23.9	23.2
Count	24	0	24	24	24	24	24	24
Total								