Date Printed: 8/1/2017 04:18

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

Daily Summary Report

Site: Tower "B" (7000 Area)

7/31/2017

Interval: 001h

	01_TempC_015m	02_TempC_030m	03_TempF_015m	04_TempF_030m	05_VT_Grad	06_RH_010m	06a_Precip_In	06b_Precip_mm	07_WDir_015m
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	PERCENT	INCHES	MM	DEG
00:00	20.2	20.6	68.4	69.2	.4	75.1	.00	.0	50.2
01:00	19.6	20.1	67.2	68.1	.5	75.7	.00	.0	45.6
02:00	18.7	19.3	65.6	66.8	.7	80.7	.00	.0	41.7
03:00	17.3	17.7	63.1	63.8	.4	89.7	.00	.0	44.8
04:00	16.7	17.1	62.0	62.9	.5	95.3	.00	.0	52.2
05:00	16.5	16.8	61.8	62.3	.3	97.2	.00	.0	33.6
06:00	16.2	16.4	61.1	61.5	.2	99.5	.00	.0	30.5
07:00	16.8	16.8	62.2	62.2	.0	93.3	.00	.0	40.0
08:00	19.4	19.2	66.9	66.5	-.2	78.0	.00	.0	43.6
09:00	21.9	21.6	71.5	70.8	-.4	64.4	.00	.0	52.4
10:00	23.0	22.7	73.4	72.9	-.3	60.9	.00	.0	76.1
11:00	24.7	24.4	76.4	75.9	-.3	54.7	.00	.0	66.2
12:00	26.1	25.9	79.0	78.7	-.2	48.7	.00	.0	7.1
13:00	27.0	26.8	80.7	80.2	-.2	46.6	.00	.0	3.0
14:00	27.9	27.6	82.1	81.7	-.2	44.5	.00	.0	.4
15:00	28.6	28.3	83.4	82.9	-.3	39.9	.00	.0	63.5
16:00	29.1	28.8	84.4	83.8	-.3	36.0	.00	.0	35.3
17:00	29.4	29.1	84.9	84.3	-.3	33.3	.00	.0	337.3
18:00	28.7	28.6	83.6	83.5	-.1	38.1	.00	.0	312.2
19:00	25.9	26.1	78.7	79.0	.2	56.0	.00	.0	312.0
20:00	23.5	23.8	74.2	74.9	.4	71.3	.00	.0	312.2
21:00	21.3	21.8	70.4	71.2	.4	85.1	.00	.0	309.8
22:00	19.9	20.2	67.8	68.4	.3	91.4	.00	.0	309.7
23:00	19.1	19.5	66.4	67.1	.4	92.7	.00	.0	303.4
Avg	22.4	22.5	72.3	72.4	.1	68.7	.00	.0	17.0
Max	29.4	29.1	84.9	84.3	.7	99.5	.00	.0	337.3
Hr. of Max	17	17	17	17	02	06	23	23	17
Min	16.2	16.4	61.1	61.5	-.4	33.3	.00	.0	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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	08_WDir_030m	09_VWDir_015m	10_VWDir_030m	11_Sigma_015m	12_Sigma_030m	13_RWSpd_015m	14_RWSpd_030m	15_WSpd_015m	16_WSpd_030m
Hour	DEG	DEG	DEG	DEG	DEG	MPH	MPH	MPH	MPH
00:00	48.1	53.1	49.0	18.4	14.0	2.5	4.8	2.7	5.0
01:00	49.1	47.1	50.1	17.3	13.9	2.7	5.2	2.8	5.3
02:00	44.0	42.0	44.6	13.1	10.4	2.7	4.5	2.7	4.7
03:00	4.3	49.0	25.0	30.8	29.8	1.2	2.3	1.2	2.4
04:00	24.3	53.1	27.2	20.6	20.0	1.1	2.5	1.1	2.6
05:00	3.7	32.8	24.9	23.7	31.6	.8	1.5	.9	1.6
06:00	345.5	34.4	20.5	40.9	38.0	.5	1.0	.5	1.1
07:00	15.2	46.4	34.9	30.9	29.5	1.6	2.6	1.8	2.7
08:00	17.7	45.5	31.5	26.4	30.1	2.4	3.0	2.6	3.2
09:00	42.4	51.6	42.6	24.5	18.9	4.7	6.4	5.0	6.6
10:00	70.2	73.6	69.1	29.1	29.1	3.5	3.9	3.8	4.2
11:00	49.1	68.4	63.6	56.8	55.4	1.7	1.6	2.4	2.3
12:00	292.6	341.0	323.7	68.6	63.4	.6	1.0	2.5	2.3
13:00	325.0	356.0	340.0	68.6	64.4	1.7	1.7	3.0	2.9
14:00	345.2	6.6	4.9	68.7	65.3	1.9	2.1	3.5	3.5
15:00	54.2	40.3	47.0	55.9	51.9	1.3	1.5	3.9	4.4
16:00	65.6	135.0	62.2	42.6	39.3	<	3.9	<	4.8
17:00	43.9	155.6	45.4	31.3	33.6	<	4.4	<	5.0
18:00	347.9	126.3	8.9	64.9	47.9	<	1.9	<	2.3
19:00	279.9	130.3	56.7	37.7	50.5	<	.1	<	.5
20:00	260.9	133.1	247.9	19.6	33.1	<	.2	<	.3
21:00	316.5	130.1	351.5	16.5	30.8	<	.4	<	.7
22:00	343.6	130.2	20.4	16.5	38.2	<	.8	<	.9
23:00	292.5	123.8	287.7	16.0	13.1	<	.5	<	.5
Avg	7.0	47.0	47.0	35.0	35.5	2.6	2.6	2.5	2.9
Max	347.9	356.0	351.5	68.7	65.3	4.7	6.4	5.0	6.6
Hr. of Max	18	13	21	14	14	09	09	09	09
Min	3.7	6.6	4.9	13.1	10.4	.5	.1	.5	.3
Count	24	24	24	24	24	16	24	16	24
Total									

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	17_WSpdms_15m	18_WSpdms_30m	21_PkWsH_015m	22_PkWsH_030m	23_WElev_015m	25_VSSpd_015m	27_VSSpdms_015m	29_SigPhi_015m	31_SonicTemp_015m
Hour	M/SEC	M/SEC	MPH	MPH	DEG	MPH	M/SEC	DEG	DEGC
00:00	1.2	2.2	8.5	10.1	.1	-.05	-.02	14.2	21.4
01:00	1.2	2.4	9.6	11.2	.9	-.05	-.02	14.7	20.7
02:00	1.2	2.1	6.7	9.8	-1.4	-.10	-.04	9.2	19.9
03:00	.6	1.1	4.6	6.0	3.9	.04	.02	11.8	18.5
04:00	.5	1.2	3.6	5.0	3.1	.03	.01	10.0	18.0
05:00	.4	.7	2.7	3.7	4.3	.05	.02	14.5	17.9
06:00	.2	.5	2.6	3.9	7.2	.06	.03	16.4	17.5
07:00	.8	1.2	5.3	6.0	2.1	-.01	-.01	16.5	18.1
08:00	1.2	1.4	9.1	10.1	5.4	.10	.05	20.6	20.7
09:00	2.2	3.0	10.9	14.0	2.2	-.06	-.03	17.9	22.9
10:00	1.7	1.9	8.9	8.9	-.3	-.23	-.10	21.0	24.1
11:00	1.1	1.0	6.6	7.3	-2.8	-.08	-.04	27.5	25.6
12:00	1.1	1.0	7.9	7.6	-.5	-.04	-.02	30.1	26.9
13:00	1.4	1.3							
14:00	1.6	1.6	9.9	12.1	1.1	.05	.02	21.6	28.4
15:00	1.7	2.0	12.2	11.9	1.2	-.02	-.01	23.5	29.2
16:00	<	2.1	10.6	13.3	-999.0	<	<	40.3	<
17:00	<	2.2	-999.0	11.4	-999.0	<	<	1.7	<
18:00	<	1.0	-999.0 -	8.0	-999.0	<	<	2.0	<
19:00	<	.2	-999.0 -	4.1	-999.0	<	<	1.9	<
20:00	<	.1	-999.0 -	2.1	-999.0	<	<	.4	<
21:00	<	.3	-999.0 -	2.5	-999.0	<	<	.4	<
22:00	<	.4	-999.0 -	2.7	-999.0	<	<	.4	<
23:00	<	.2	-999.0 -	1.4	-999.0	<	<	.4	<
Avg	1.1	1.3	-298.8	7.5	-346.3	-.02	-.01	13.8	22.0
Max	2.2	3.0	12.2	14.0	7.2	.10	.05	40.3	29.2
Hr. of Max	09	09	15	09	06	08	08	16	15
Min	.2	.1	-999.0	1.4	-999.0	-.23	-.10	.4	17.5
Count	16	24	23	23	23	15	15	23	15
Total									