Date Printed: 07/20/2015 09:40

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

Daily Summary Report

Site: Tower "K" (1208)

7/18/2015

Interval: 001h

	01_TempC_010m	02_TempC_060m	03_TempF_010m	04_TempF_060m	05_VT_Grad	06_DewPtC_010m	07_DewPtF_010m	08_RH_010m	09_AbsHum_010m
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	24.7	25.7	76.4	78.2	1.0	24.2	75.6	100.6	22.1
01:00	24.0	24.6	75.1	76.4	.7	23.6	74.5	100.7	21.3
02:00	23.6	24.6	74.4	76.2	1.0	23.2	73.8	101.0	20.9
03:00	23.6	24.1	74.4	75.4	.5	23.2	73.8	101.0	20.9
04:00	23.3	23.6	74.0	74.6	.3	23.0	73.4	100.9	20.6
05:00	23.2	24.3	73.8	75.7	1.1	22.9	73.3	101.0	20.5
06:00	23.2	24.0	73.8	75.1	.8	22.9	73.2	101.0	20.5
07:00	23.2	23.8	73.7	74.8	.6	22.7	72.9	100.3	
08:00	24.8	24.3	76.6	75.7	-.5	20.4	68.7	78.8	17.5
09:00	26.6	25.7	79.9	78.2	-.9	20.9	69.5	72.8	17.9
10:00	28.0	26.8	82.3	80.2	-1.2	20.9	69.6	67.6	17.9
11:00	30.1	28.6	86.2	83.4	-1.5	20.7	69.2	58.9	17.5
12:00	29.8	28.8	85.6	83.8	-1.0	21.0	69.8	62.2	18.0
13:00	28.7	28.4	83.7	83.1	-.3	22.1	71.7	70.2	19.2
14:00	31.9	30.1	89.4	86.2	-1.8	20.7	69.3	53.7	17.6
15:00	28.8	28.0	83.9	82.4	-.8	22.3	72.2	70.6	19.5
16:00	29.1	28.2	84.4	82.8	-.8	18.5	65.3	54.7	15.4
17:00	24.9	24.8	76.8	76.6	-.2	20.3	68.5	77.7	17.4
18:00	24.9	24.2	76.9	75.6	-.7	19.0	66.2	72.3	16.1
19:00	25.6	25.2	78.0	77.4	-.3	19.8	67.6	72.8	16.9
20:00	24.6	24.8	76.4	76.6	.1	22.3	72.1	89.3	19.6
21:00	24.1	24.0	75.3	75.2	-.1	23.3	74.0	98.4	20.9
22:00	23.4	23.8	74.1	74.8	.4	23.0	73.4	100.5	20.6
23:00	23.2	23.5	73.8	74.3	.3	22.8	73.1	100.6	20.4
Avg	25.7	25.6	78.3	78.0	-.1	21.8	71.3	83.7	19.1
Max	31.9	30.1	89.4	86.2	1.1	24.2	75.6	101.0	22.1
Hr. of Max	14	14	14	14	05	00	00	06	00
Min	23.2	23.5	73.7	74.3	-1.8	18.5	65.3	53.7	15.4
Count	24	24	24	24	24	24	24	24	23
Total									

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	10_Mix_Ratio_010m	_Sat_Mix_Ratio_01(	12_Vapor Pr_010m	3_Sat Vapor Pr_010r	14_LHV_010m	15_Precip_mm	16_Precip_In	17_PrecipSum	18_Solar_Rad_Wm2
Hour	None	None	KPa	None	None	MM	INCHES	INCHES	W/M2
00:00	0.0199	0.0198	30.4	31.2	2432672.6	.0	.00	.00	-2.5
01:00	0.0191	0.0189	29.2	29.9	2434358.6	.0	.00	.00	-2.5
02:00	0.0187	0.0185	28.6	29.1	2435329.8	.0	.00	.00	-2.7
03:00	0.0187	0.0185	28.6	29.2	2435290.9	.0	.00	.00	-2.6
04:00	0.0184	0.0182	28.1	28.7	2435906.3	.0	.00	.00	-2.2
05:00	0.0183	0.0181	28.0	28.6	2436080.8	.0	.00	.00	-2.5
06:00	0.0183	0.0181	28.0	28.5	2436174.8	.0	.00	.00	.7
07:00	0.0181	0.018	27.7	28.5	2436235.8	.0	.00	.00	55.8
08:00	0.0156	0.0199	24.1	31.4	2432377.2	.0	.00	.00	220.5
09:00	0.0161	0.0221	24.8	34.9	2428133.8	.0	.00	.00	335.0
10:00	0.0162	0.024	24.9	37.9	2424877.2	.0	.00	.00	564.5
11:00	0.0159	0.0271	24.6	42.8	2419811.9	.0	.00	.00	730.7
12:00	0.0163	0.0268	25.1	42.3	2420556.4	.3	.01	.01	396.8
13:00	0.0174	0.0251	26.8	39.7	2423080.3	.0	.00	.00	829.3
14:00	0.0161	0.0301	24.8	47.5	2415545.7	.0	.00	.00	793.7
15:00	0.0177	0.0253	27.2	39.9	2422779.6	.0	.00	.00	424.8
16:00	0.0139	0.0256	21.5	40.5	2422195.8	.0	.00	.00	465.0
17:00	0.0155	0.0201	23.9	31.7	2432112.5	.0	.00	.00	34.9
18:00	0.0144	0.0201	22.2	31.7	2432089.0	.5	.02	.02	294.4
19:00	0.0151	0.0208	23.3	32.8	2430607.2	.0	.00	.00	73.8
20:00	0.0176	0.0197	27.0	31.1	2432761.4	.0	.00	.00	16.9
21:00	0.0187	0.0191	28.7	30.0	2434126.4	.0	.00	.00	-2.1
22:00	0.0183	0.0182	28.1	28.8	2435788.8	.0	.00	.00	-2.6
23:00	0.0182	0.0181	27.9	28.5	2436198.2	.0	.00	.00	-2.8
Avg	0.0172	0.0213	26.4	33.6	2430212.1	.0	.00	.00	217.3
Max	0.0199	0.0301	30.4	47.5	2436235.8	.5	.02	.02	829.3
Hr. of Max	00	14	00	14	07	18	18	18	13
Min	0.0139	0.018	21.5	28.5	2415545.7	.0	.00	.00	-2.8
Count	24	24	24	24	24	24	24	24	24
Total									

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	19_Solar_Rad_Lang	20_BarPres_In	21_BarPres_Mb	22_WDir_010m	23_WDir_060m	24_VWDir_010m	25_VWDir_060m	26_Sigma_010m	27_Sigma_060m
Hour	Langleys	INHG	KPa	DEG	DEG	DEG	DEG	DEG	DEG
00:00	.00	28.97	981.0	206	66	195	66	48	13
01:00	.00	28.96	980.6	239	171	218	271	36	11
02:00	.00	28.97	981.2	49	243	57	171	34	11
03:00	.00	28.97	981.2	222	220	247	220	28	18
04:00	.00	28.97	981.1	66	217	56	217	40	34
05:00	.00	28.99	981.6	86	41	100	41	47	19
06:00	.00	28.99	981.7	179	174	180	174	37	17
07:00	.08	28.99	981.7	10	196	20	134	42	39
08:00	.32	28.99	981.9	200	211	257	211	65	41
09:00	.48	29.02	982.7	241	218	243	218	35	23
10:00	.81	29.02	982.8	228	216	226	216	32	23
11:00	1.05	29.02	982.7	213	215	213	215	31	23
12:00	.57	29.01	982.3	250	231	253	227	39	24
13:00	1.19	29.01	982.4	286	303	271	303	42	42
14:00	1.14	29.00	982.0	207	128	209	128	29	15
15:00	.61	29.00	982.1	330	317	286	317	63	30
16:00	.67	28.99	981.8	320	46	291	46	43	24
17:00	.05	29.00	982.0	356	324	332	325	52	13
18:00	.42	28.97	981.2	234	261	244	261	57	28
19:00	.11	28.96	980.8	189	197	186	197	55	44
20:00	.02	28.97	981.0	352	219	132	219	55	40
21:00	.00	28.97	981.0	249	221	251	221	57	42
22:00	.00	28.99	981.9	44	293	55	293	57	41
23:00	.00	29.00	982.1	263	254	265	254	56	25
Avg	.31	28.99	981.7	251	227	0	0	45	27
Max	1.19	29.02	982.8	356	324	332	325	65	44
Hr. of Max	13	11	10	17	17	17	17	08	19
Min	.00	28.96	980.6	10	41	20	41	28	11
Count	24	24	24	24	24	24	24	24	24
Total									

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	28_RWSpd_010m	29_RWSpd_060m	30_WSpd_010m	31_WSpd_060m	32_WSpdms_010m	33_WSpdms_060m	36_PkWsH_010m	37_PkWsH_060m
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	.3	.7	.5	.9	.2	.4	2.1	2.5
01:00	.5	1.2	1.0	1.5	.4	.7	2.7	2.7
02:00	.1	.5	.4	.7	.2	.3	1.8	2.3
03:00	.6	1.0	.8	1.2	.3	.5	3.0	2.7
04:00	.7	1.2	1.0	1.5	.5	.7	2.7	2.1
05:00	.6	1.2	1.0	1.5	.4	.7	3.0	2.7
06:00	.4	1.1	.7	1.1	.3	.5	3.0	3.7
07:00	.3	.9	.7	1.0	.3	.4	2.1	3.0
08:00	.1	2.1	.6	2.4	.3	1.1	3.2	2.5
09:00	1.9	3.6	2.3	3.8	1.0	1.7	5.5	3.0
10:00	2.8	3.5	3.4	3.8	1.5	1.7	8.2	4.8
11:00	2.5	3.5	3.0	4.0	1.3	1.8	8.5	.0
12:00	2.6	4.0	4.0	4.2	1.8	1.9	16.9	10.3
13:00	1.6	1.5	2.7	1.5	1.2	.7	10.5	10.3
14:00	3.4	2.1	3.8	2.4	1.7	1.1	11.9	12.8
15:00	1.0	6.7	2.1	7.8	.9	3.5	9.4	18.5
16:00	1.4	2.5	3.3	4.4	1.5	2.0	12.6	15.6
17:00	1.3	8.4	2.2	10.3	1.0	4.6	12.6	22.0
18:00	1.1	3.0	1.4	3.5	.6	1.6	6.6	6.2
19:00	.6	1.7	1.1	2.0	.5	.9	5.3	4.4
20:00	.3	1.3	1.3	1.2	.6	.6	4.6	5.7
21:00	.5	1.6	.9	1.6	.4	.7	2.3	5.0
22:00	.7	1.2	.8	1.6	.4	.7	2.7	5.0
23:00	.1	2.8	.4	3.0	.2	1.4	1.8	4.0
Avg	1.3	1.3	1.6	2.7	.7	1.3	6.0	6.3
Max	3.4	8.4	4.0	10.3	1.8	4.6	16.9	22.0
Hr. of Max	14	17	12	17	12	17	12	17
Min	.1	.5	.4	.7	.2	.3	1.8	.0
Count	24	24	24	24	24	24	24	24
Total								