Date Printed: 07/14/2015 12:55

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

Daily Summary Report

Site: Tower "K" (1208)

7/10/2015

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	23.7	24.8	74.6	76.7	1.2	23.2	73.7	100.1	20.8
01:00	23.3	24.2	73.9	75.6	.9	22.8	73.0	99.9	20.3
02:00	22.7	23.6	72.8	74.5	1.0	22.2	72.0	100.2	19.7
03:00	21.8	23.2	71.2	73.7	1.4	21.4	70.6	100.7	18.8
04:00	21.2	22.5	70.2	72.5	1.3	21.0	69.7	100.9	18.3
05:00	20.7	21.9	69.2	71.4	1.2	20.4	68.8	100.9	17.7
06:00	20.3	21.3	68.6	70.3	.9	20.1	68.2	101.0	17.4
07:00	20.4	20.9	68.7	69.6	.5	19.9	67.8	99.2	17.2
08:00	22.6	21.6	72.7	70.8	-1.1	18.7	65.7	80.8	15.9
09:00	25.0	23.7	77.1	74.6	-1.4	18.9	66.1	70.6	16.0
10:00	27.4	26.0	81.2	78.8	-1.4	18.9	66.0	61.7	15.9
11:00	29.3	27.9	84.7	82.2	-1.4	19.4	66.9	56.9	16.3
12:00	30.1	28.9	86.1	84.1	-1.1	20.0	67.9	56.5	16.8
13:00	31.1	30.3	88.0	86.5	-.8	19.1	66.5	50.8	16.0
14:00	32.4	31.0	90.3	87.7	-1.4	17.0	62.6	41.1	13.9
15:00	32.8	31.2	91.0	88.1	-1.6	16.7	62.1	39.6	13.7
16:00	33.1	31.6	91.6	88.9	-1.5	16.2	61.1	37.5	13.2
17:00	33.0	31.7	91.5	89.0	-1.3	16.5	61.8	38.5	13.5
18:00	32.8	31.7	91.1	89.1	-1.1	16.6	61.9	39.2	13.6
19:00	31.9	31.1	89.4	88.0	-.8	18.2	64.7	45.8	15.0
20:00	29.4	29.6	84.9	85.2	.2	21.5	70.8	65.1	18.6
21:00	26.9	27.8	80.5	82.0	.9	23.0	73.4	81.7	20.4
22:00	25.3	26.6	77.5	79.8	1.3	22.9	73.3	89.5	20.4
23:00	25.7	26.0	78.3	78.9	.3	20.9	69.6	76.9	18.0
Avg	26.8	26.6	80.2	79.9	-.2	19.8	67.7	72.3	17.0
Max	33.1	31.7	91.6	89.1	1.4	23.2	73.7	101.0	20.8
Hr. of Max	16	18	16	18	03	00	00	06	00
Min	20.3	20.9	68.6	69.6	-1.6	16.2	61.1	37.5	13.2
Count	24	24	24	24	24	24	24	24	24
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	0.0185	0.0185	28.5	29.3	2435075.5	.0	.00	.00	-2.4
01:00	0.0181	0.0181	27.8	28.7	2435966.8	.0	.00	.00	-2.4
02:00	0.0175	0.0174	26.9	27.6	2437482.7	.0	.00	.00	-2.4
03:00	0.0166	0.0165	25.6	26.1	2439579.2	.0	.00	.00	-2.5
04:00	0.0161	0.016	24.9	25.3	2440846.3	.0	.00	.00	-2.6
05:00	0.0156	0.0154	24.1	24.4	2442185.3	.0	.00	.00	-2.7
06:00	0.0152	0.0151	23.6	23.9	2443033.1	.0	.00	.00	5.3
07:00	0.015	0.0151	23.3	24.0	2442858.6	.0	.00	.00	105.1
08:00	0.014	0.0174	21.7	27.5	2437585.9	.0	.00	.00	268.6
09:00	0.0142	0.0201	22.0	31.9	2431807.9	.0	.00	.00	484.1
10:00	0.0142	0.023	22.0	36.5	2426328.5	.0	.00	.00	661.1
11:00	0.0147	0.0258	22.7	40.9	2421712.2	.0	.00	.00	796.8
12:00	0.0152	0.0269	23.6	42.7	2419919.2	.0	.00	.00	732.6
13:00	0.0145	0.0286	22.4	45.3	2417444.4	.0	.00	.00	804.9
14:00	0.0127	0.0308	19.7	48.8	2414319.3	.0	.00	.00	921.5
15:00	0.0125	0.0315	19.3	49.8	2413479.6	.0	.00	.00	819.8
16:00	0.012	0.0321	18.7	50.8	2412639.8	.0	.00	.00	720.2
17:00	0.0123	0.032	19.1	50.6	2412833.1	.0	.00	.00	452.4
18:00	0.0124	0.0316	19.2	50.0	2413309.5	.0	.00	.00	361.4
19:00	0.0137	0.03	21.2	47.4	2415606.9	.0	.00	.00	166.5
20:00	0.0168	0.026	25.9	41.2	2421485.9	.0	.00	.00	18.8
21:00	0.0184	0.0225	28.2	35.6	2427320.3	.0	.00	.00	-2.2
22:00	0.0183	0.0204	28.1	32.3	2431219.9	.0	.00	.00	-2.4
23:00	0.0161	0.021	24.8	33.2	2430170.7	.0	.00	.00	-2.1
Avg	0.0152	0.023	23.5	36.4	2427675.4	.0	.00	.00	304.1
Max	0.0185	0.0321	28.5	50.8	2443033.1	.0	.00	.00	921.5
Hr. of Max	00	16	00	16	06	23	23	23	14
Min	0.012	0.0151	18.7	23.9	2412639.8	.0	.00	.00	-2.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	29.08	984.8	229	236	225	236	18	5
01:00	.00	29.08	985.0	212	247	213	247	14	5
02:00	.00	29.08	984.8	207	253	194	253	41	11
03:00	.00	29.08	984.7	201	225	198	225	17	8
04:00	.00	29.08	984.8	218	220	233	220	34	4
05:00	.00	29.09	985.3	222	221	210	221	51	4
06:00	.01	29.11	985.9	237	214	250	214	38	8
07:00	.15	29.13	986.4	197	221	189	221	44	7
08:00	.39	29.14	986.9	197	203	196	203	20	11
09:00	.69	29.15	987.2	207	220	207	220	17	13
10:00	.95	29.15	987.1	209	208	208	208	32	21
11:00	1.14	29.14	987.0	229	229	227	229	34	22
12:00	1.05	29.13	986.5	228	228	230	228	27	20
13:00	1.15	29.11	986.0	270	264	267	264	26	18
14:00	1.32	29.09	985.3	242	240	244	240	23	15
15:00	1.18	29.08	984.7	227	226	230	226	25	16
16:00	1.03	29.06	984.2	241	234	244	234	27	18
17:00	.65	29.05	983.8	238	235	239	235	24	14
18:00	.52	29.04	983.6	249	246	251	246	17	10
19:00	.24	29.04	983.6	254	255	259	255	15	9
20:00	.03	29.05	983.9	253	251	252	251	22	8
21:00	.00	29.07	984.3	237	252	260	252	52	8
22:00	.00	29.07	984.6	263	236	265	236	34	20
23:00	.00	29.08	984.9	300	302	281	302	52	21
Avg	.44	29.09	985.2	231	236	0	0	29	12
Max	1.32	29.15	987.2	300	302	281	302	52	22
Hr. of Max	14	10	09	23	23	23	23	23	11
Min	.00	29.04	983.6	197	203	189	203	14	4
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	1.0	4.6	1.1	5.0	.5	2.1	3.4	7.3
01:00	1.1	3.3	1.2	3.6	.5	1.5	2.7	11.9
02:00	.2	1.0	.4	1.5	.2	.5	2.1	6.2
03:00	1.0	1.3	1.1	1.7	.5	.6	2.5	4.8
04:00	.4	.8	.5	1.1	.2	.4	2.1	2.5
05:00	.4	1.0	.8	1.4	.3	.5	2.5	2.5
06:00	.1	1.1	.4	1.6	.2	.6	1.6	3.2
07:00	.4	2.2	.4	2.6	.2	1.0	3.9	3.9
08:00	1.8	2.8	1.8	3.2	.8	1.3	4.8	7.3
09:00	3.0	3.9	3.1	4.5	1.4	1.8	6.2	9.2
10:00	2.4	3.7	2.8	4.5	1.3	1.8	6.2	7.3
11:00	3.6	4.8	4.2	6.1	1.9	2.5	11.0	14.0
12:00	4.1	6.7	4.9	7.7	2.2	3.2	12.6	19.7
13:00	4.5	6.9	5.0	8.1	2.2	3.3	12.8	19.9
14:00	6.1	7.4	6.7	8.5	3.0	3.5	13.5	25.6
15:00	6.0	8.3	6.8	9.4	3.0	3.9	15.1	15.6
16:00	5.5	7.8	6.1	8.9	2.7	3.7	12.6	14.7
17:00	5.1	8.4	5.6	9.3	2.5	3.9	13.7	14.7
18:00	6.5	6.7	6.8	7.4	3.0	3.1	13.7	15.1
19:00	4.9	5.9	5.2	6.3	2.3	2.6	11.4	10.8
20:00	2.2	4.3	2.5	4.7	1.1	2.0	6.2	9.6
21:00	.3	3.1	.6	3.4	.3	1.4	3.2	7.1
22:00	.5	5.0	1.0	5.6	.4	2.3	3.9	13.1
23:00	1.0	7.1	1.6	7.5	.7	3.3	8.0	19.0
Avg	1.9	1.9	2.9	5.1	1.3	2.1	7.3	11.0
Max	6.5	8.4	6.8	9.4	3.0	3.9	15.1	25.6
Hr. of Max	18	17	18	15	18	17	15	14
Min	.1	.8	.4	1.1	.2	.4	1.6	2.5
Count	24	24	24	24	24	24	24	24
Total								