Date Printed: 05/12/2015 10:02

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

Daily Summary Report

Site: Tower "K" (1208)

5/11/2015

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	DEGC	DEGC	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	20.5	22.1	68.9	71.8	1.6	19.8	67.6	97.9	17.1
01:00	19.8	21.8	67.6	71.3	2.1	19.4	67.0	100.2	16.7
02:00	19.1	20.8	66.4	69.5	1.7	18.8	65.9	100.4	16.2
03:00	18.6	19.9	65.5	67.8	1.3	18.3	65.0	100.5	15.7
04:00	18.2	19.6	64.7	67.3	1.4	18.0	64.3	100.7	15.4
05:00	17.6	19.4	63.6	67.0	1.9	17.4	63.3	100.8	14.8
06:00	17.3	18.6	63.1	65.4	1.3	17.1	62.8	100.8	14.6
07:00	18.0	18.9	64.4	66.1	1.0	16.4	61.5	92.4	13.9
08:00	19.3	19.1	66.7	66.5	-.1	15.6	60.1	81.0	13.2
09:00	22.5	21.8	72.6	71.2	-.8	14.2	57.6	60.7	12.0
10:00	24.8	23.7	76.6	74.6	-1.1	15.0	59.1	56.0	12.5
11:00	27.0	25.5	80.7	78.0	-1.5	16.1	60.9	52.3	13.3
12:00	28.3	27.2	83.0	80.9	-1.2	16.7	62.0	50.6	13.8
13:00	29.9	28.4	85.8	83.1	-1.5	16.2	61.1	44.9	13.3
14:00	30.7	29.1	87.3	84.3	-1.6	15.0	59.1	39.9	12.4
15:00	29.3	28.7	84.8	83.6	-.7	15.6	60.0	44.6	12.8
16:00	29.2	28.4	84.6	83.2	-.8	15.2	59.3	43.8	12.5
17:00	27.6	26.6	81.7	79.9	-1.0	15.4	59.7	48.6	12.7
18:00	27.5	26.7	81.5	80.0	-.8	15.4	59.7	49.0	12.8
19:00	27.6	26.7	81.6	80.1	-.9	16.0	60.9	50.8	13.3
20:00	26.1	26.0	79.0	78.9	-.1	18.1	64.5	62.8	15.1
21:00	24.9	25.2	76.9	77.3	.3	18.3	64.9	68.3	15.4
22:00	24.0	24.7	75.2	76.5	.7	18.2	64.8	72.0	15.3
23:00	22.9	23.9	73.2	74.9	1.0	17.9	64.3	75.3	15.1
Avg	23.8	23.9	74.8	75.0	.1	16.8	62.3	70.6	14.2
Max	30.7	29.1	87.3	84.3	2.1	19.8	67.6	100.8	17.1
Hr. of Max	14	14	14	14	01	00	00	06	00
Min	17.3	18.6	63.1	65.4	-1.6	14.2	57.6	39.9	12.0
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	0.0149	0.0153	23.1	24.2	2442610.2	.0	.00	.00	-2.8
01:00	0.0146	0.0146	22.6	23.1	2444347.0	.0	.00	.00	-2.8
02:00	0.0141	0.014	21.8	22.2	2445879.0	.0	.00	.00	-2.9
03:00	0.0137	0.0136	21.1	21.5	2447093.2	.0	.00	.00	-2.8
04:00	0.0133	0.0132	20.6	20.9	2448073.2	.0	.00	.00	-2.9
05:00	0.0128	0.0127	19.9	20.1	2449546.9	.0	.00	.00	-2.8
06:00	0.0126	0.0125	19.5	19.8	2450215.7	.0	.00	.00	4.0
07:00	0.012	0.0131	18.7	20.7	2448572.9	.0	.00	.00	109.8
08:00	0.0115	0.0142	17.8	22.4	2445478.7	.0	.00	.00	190.8
09:00	0.0105	0.0173	16.4	27.4	2437732.8	.0	.00	.00	451.2
10:00	0.0111	0.0198	17.2	31.4	2432457.7	.0	.00	.00	633.6
11:00	0.0119	0.0227	18.4	35.9	2427053.3	.0	.00	.00	756.3
12:00	0.0123	0.0244	19.2	38.7	2424009.4	.0	.00	.00	789.3
13:00	0.012	0.0268	18.6	42.3	2420296.5	.0	.00	.00	830.1
14:00	0.0112	0.0281	17.4	44.4	2418361.7	.0	.00	.00	653.0
15:00	0.0116	0.0259	17.9	40.9	2421685.9	.0	.00	.00	262.6
16:00	0.0113	0.0258	17.5	40.7	2421954.2	.0	.00	.00	320.3
17:00	0.0114	0.0235	17.7	37.1	2425675.6	.0	.00	.00	351.2
18:00	0.0114	0.0233	17.7	36.8	2426019.8	.0	.00	.00	179.0
19:00	0.0119	0.0235	18.4	37.0	2425794.6	.0	.00	.00	147.4
20:00	0.0135	0.0215	20.9	34.0	2429260.5	.0	.00	.00	6.4
21:00	0.0137	0.02	21.1	31.6	2432088.0	.0	.00	.00	-2.4
22:00	0.0136	0.0189	21.0	29.9	2434341.6	.0	.00	.00	-2.0
23:00	0.0133	0.0177	20.6	28.0	2436945.7	.0	.00	.00	-2.6
Avg	0.0125	0.0193	19.4	30.5	2434812.3	.0	.00	.00	235.9
Max	0.0149	0.0281	23.1	44.4	2450215.7	.0	.00	.00	830.1
Hr. of Max	00	14	00	14	06	23	23	23	13
Min	0.0105	0.0125	16.4	19.8	2418361.7	.0	.00	.00	-2.9
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	29.08	984.6	112	1	195	7	59	20
01:00	.00	29.07	984.4	71	33	79	39	48	21
02:00	.00	29.06	984.0	199	101	202	105	47	22
03:00	.00	29.05	984.0	178	41	299	45	47	15
04:00	.00	29.05	983.8	93	46	73	69	26	20
05:00	.00	29.04	983.6	176	55	155	61	19	20
06:00	.01	29.05	983.7	195	49	193	57	13	23
07:00	.16	29.07	984.3	208	95	233	85	34	25
08:00	.27	29.08	984.9	280	223	272	225	33	31
09:00	.65	29.08	984.9	240	168	242	189	64	54
10:00	.91	29.08	984.9	236	217	233	214	34	26
11:00	1.08	29.08	984.9	211	210	209	210	27	17
12:00	1.13	29.07	984.4	217	219	216	218	26	13
13:00	1.19	29.04	983.5	207	212	207	211	23	14
14:00	.94	29.02	982.7	204	207	203	207	23	14
15:00	.38	29.00	982.2	248	246	242	238	33	14
16:00	.46	28.99	981.9	250	258	226	239	41	32
17:00	.50	28.99	981.6	262	269	217	272	50	30
18:00	.26	28.98	981.3	218	224	217	224	20	11
19:00	.21	28.98	981.5	218	223	217	222	19	8
20:00	.01	29.00	982.2	230	228	230	228	18	8
21:00	.00	29.03	983.0	229	230	229	230	16	6
22:00	.00	29.05	983.7	230	237	230	237	14	4
23:00	.00	29.06	984.0	230	232	229	231	19	4
Avg	.34	29.04	983.5	215	219	0	0	31	19
Max	1.19	29.08	984.9	280	269	299	272	64	54
Hr. of Max	13	11	11	08	17	03	17	09	09
Min	.00	28.98	981.3	71	1	73	7	13	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	.8	.3	1.0	.1	.5	1.6	2.1
01:00	.3	.9	.7	1.0	.3	.4	2.5	3.0
02:00	.4	.9	.7	1.0	.3	.4	2.3	2.5
03:00	.1	.2	.5	.1	.2	.1	1.8	1.6
04:00	.4	1.6	.5	1.6	.2	.8	2.1	5.0
05:00	.2	2.3	.3	2.3	.1	1.0	1.4	4.4
06:00	.3	.8	.3	.8	.1	.4	1.1	2.1
07:00	.3	2.0	.4	2.2	.2	1.0	2.1	4.4
08:00	.4	.6	.5	.7	.2	.3	2.3	2.5
09:00	.9	1.2	1.2	1.6	.5	.7	5.5	5.7
10:00	2.3	3.1	2.7	3.3	1.2	1.5	7.1	8.5
11:00	4.6	7.6	5.0	7.8	2.3	3.5	15.1	16.3
12:00	6.3	10.9	7.1	11.3	3.2	5.1	19.5	22.2
13:00	7.6	13.3	8.4	13.8	3.7	6.2	19.9	25.4
14:00	8.0	15.5	8.7	16.0	3.9	7.2	21.3	26.8
15:00	5.5	9.6	6.3	10.7	2.8	4.8	18.1	26.1
16:00	4.5	8.0	5.4	10.4	2.4	4.7	22.4	27.7
17:00	2.0	5.6	3.4	9.7	1.5	4.4	14.7	24.3
18:00	4.9	10.0	5.2	10.1	2.3	4.5	14.0	19.7
19:00	5.4	11.2	5.7	11.3	2.5	5.1	13.7	19.9
20:00	4.6	11.4	4.9	11.4	2.2	5.1	14.0	19.0
21:00	4.0	11.1	4.2	11.1	1.9	5.0	8.9	16.0
22:00	3.4	10.0	3.5	10.0	1.6	4.5	7.1	13.1
23:00	2.4	9.8	2.5	9.8	1.1	4.4	6.6	12.4
Avg	1.3	1.3	3.3	6.6	1.5	3.0	9.4	12.9
Max	8.0	15.5	8.7	16.0	3.9	7.2	22.4	27.7
Hr. of Max	14	14	14	14	14	14	16	16
Min	.1	.2	.3	.1	.1	.1	1.1	1.6
Count	24	24	24	24	24	24	24	24
Total								