Date Printed: 10/15/2014 11:00

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

Daily Summary Report

Site: Tower "K" (1208)

10/13/2014

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	18.2	18.2	64.7	64.7	.0	18.0	64.4	101.0	15.4
01:00	18.3	18.6	64.9	65.5	.4	18.1	64.5	101.1	15.5
02:00	18.8	19.2	65.9	66.6	.4	18.6	65.5	101.1	16.0
03:00	18.6	19.2	65.5	66.6	.6	18.5	65.2	101.1	15.8
04:00	18.4	18.8	65.2	65.9	.4	18.3	64.9	101.1	15.6
05:00	18.1	18.4	64.5	65.2	.4	17.9	64.2	101.1	15.3
06:00	18.2	18.1	64.8	64.6	-.1	18.1	64.5	101.1	15.4
07:00	18.0	17.8	64.4	64.0	-.2	17.8	64.1	101.1	15.2
08:00	17.7	17.5	63.9	63.5	-.2	17.6	63.6	101.1	15.0
09:00	18.4	17.7	65.0	63.9	-.6	18.2	64.7	101.2	15.6
10:00	20.3	19.3	68.6	66.7	-1.1	16.8	62.2	82.2	14.2
11:00	22.1	21.1	71.9	70.0	-1.1	15.9	60.6	69.1	13.3
12:00	23.3	22.4	73.9	72.3	-.9	17.5	63.5	71.8	14.7
13:00	25.3	24.0	77.5	75.3	-1.2	17.1	62.8	62.0	14.2
14:00	25.3	24.4	77.6	75.9	-.9	16.2	61.1	58.3	13.4
15:00	26.1	24.9	79.1	76.8	-1.3	14.8	58.6	50.9	12.3
16:00	26.8	25.3	80.3	77.6	-1.5	13.4	56.0	44.5	11.2
17:00	26.0	24.9	78.8	76.8	-1.1	13.1	55.6	46.0	11.1
18:00	24.8	24.4	76.7	75.9	-.4	15.2	59.3	56.6	12.7
19:00	23.6	23.7	74.6	74.6	.0	16.7	62.1	66.6	14.0
20:00	22.6	22.9	72.7	73.2	.2	16.8	62.3	71.4	14.1
21:00	21.2	22.5	70.2	72.4	1.3	16.7	62.0	77.2	14.0
22:00	20.6	22.2	69.1	71.9	1.6	16.9	62.4	81.1	14.2
23:00	19.1	22.0	66.5	71.6	2.9	17.4	63.4	91.8	14.8
Avg	21.2	21.1	70.3	70.1	-.1	16.9	62.4	80.9	14.3
Max	26.8	25.3	80.3	77.6	2.9	18.6	65.5	101.2	16.0
Hr. of Max	16	16	16	16	23	02	02	09	02
Min	17.7	17.5	63.9	63.5	-1.5	13.1	55.6	44.5	11.1
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	0.0134	0.0132	20.7	20.9	2448083.7	.8	.03	.03	-2.5
01:00	0.0134	0.0133	20.8	21.0	2447935.4	1.5	.06	.06	-2.8
02:00	0.0139	0.0138	21.5	21.8	2446609.3	.3	.01	.01	-2.9
03:00	0.0138	0.0136	21.3	21.5	2447032.1	.0	.00	.00	-2.7
04:00	0.0136	0.0134	21.0	21.3	2447496.9	.0	.00	.00	-2.5
05:00	0.0133	0.0131	20.6	20.8	2448348.5	.3	.01	.01	-2.7
06:00	0.0134	0.0133	20.8	21.0	2447988.1	.0	.00	.00	-2.7
07:00	0.0132	0.013	20.4	20.7	2448594.2	.3	.01	.01	-2.1
08:00	0.013	0.0128	20.1	20.3	2449169.3	.0	.00	.00	14.9
09:00	0.0135	0.0134	20.9	21.2	2447700.1	.0	.00	.00	187.8
10:00	0.0124	0.0151	19.2	23.9	2442998.0	.0	.00	.00	452.5
11:00	0.0117	0.0169	18.1	26.8	2438686.0	.0	.00	.00	444.3
12:00	0.013	0.0181	20.1	28.7	2436005.1	.0	.00	.00	363.2
13:00	0.0127	0.0205	19.6	32.3	2431244.6	.0	.00	.00	615.6
14:00	0.012	0.0205	18.5	32.4	2431146.4	.0	.00	.00	317.8
15:00	0.011	0.0216	17.0	34.0	2429188.7	.0	.00	.00	456.5
16:00	0.01	0.0225	15.5	35.4	2427526.8	.0	.00	.00	466.1
17:00	0.0098	0.0214	15.3	33.7	2429554.9	.0	.00	.00	235.9
18:00	0.0113	0.02	17.4	31.4	2432371.6	.0	.00	.00	45.0
19:00	0.0124	0.0186	19.1	29.3	2435129.5	.0	.00	.00	-2.1
20:00	0.0125	0.0175	19.3	27.6	2437537.8	.0	.00	.00	-2.4
21:00	0.0124	0.0161	19.1	25.3	2440925.0	.0	.00	.00	-2.5
22:00	0.0125	0.0155	19.3	24.4	2442390.9	.0	.00	.00	-2.9
23:00	0.013	0.0141	20.0	22.2	2445812.7	.0	.00	.00	-2.6
Avg	0.0126	0.0163	19.4	25.7	2440811.5	.1	.01	.01	148.6
Max	0.0139	0.0225	21.5	35.4	2449169.3	1.5	.06	.06	615.6
Hr. of Max	02	16	02	16	08	01	01	01	13
Min	0.0098	0.0128	15.3	20.3	2427526.8	.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	29.07	984.4	122	38	108	41	76	31
01:00	.00	29.07	984.3	61	95	60	97	63	55
02:00	.00	29.06	984.1	153	205	146	202	44	17
03:00	.00	29.06	984.0	156	242	111	233	48	21
04:00	.00	29.04	983.5	98	193	104	190	41	12
05:00	.00	29.06	984.0	149	231	195	231	60	11
06:00	.00	29.07	984.4	244	252	248	251	29	11
07:00	.00	29.08	984.7	229	235	230	235	22	11
08:00	.02	29.08	984.9	215	235	220	236	19	9
09:00	.27	29.09	985.0	155	177	163	184	32	19
10:00	.65	29.07	984.6	125	121	117	124	62	44
11:00	.64	29.06	984.1	130	139	127	139	55	34
12:00	.52	29.05	983.7	147	161	161	172	46	37
13:00	.88	29.02	982.9	174	174	176	175	27	17
14:00	.46	29.00	981.9	156	162	157	163	29	14
15:00	.65	28.97	981.1	165	168	167	168	30	17
16:00	.67	28.95	980.4	180	180	181	181	25	16
17:00	.34	28.94	979.9	162	167	165	168	27	14
18:00	.06	28.92	979.6	167	169	166	169	25	13
19:00	.00	28.93	979.6	153	165	160	168	23	12
20:00	.00	28.92	979.3	95	126	96	129	30	14
21:00	.00	28.91	979.0	65	118	82	120	51	11
22:00	.00	28.89	978.5	87	128	80	115	56	16
23:00	.00	28.89	978.3	71	153	73	156	63	20
Avg	.22	29.01	982.3	144	170	0	0	41	20
Max	.88	29.09	985.0	244	252	248	251	76	55
Hr. of Max	13	09	09	06	06	06	06	00	01
Min	.00	28.89	978.3	61	38	60	41	19	9
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	2.0	1.1	2.9	.5	1.3	4.6	7.1
01:00	.6	1.8	1.4	3.5	.6	1.6	10.5	16.3
02:00	.8	3.6	1.4	3.7	.6	1.7	8.9	10.3
03:00	.2	2.8	1.0	3.4	.4	1.5	3.0	8.0
04:00	.8	3.3	1.0	3.6	.5	1.6	3.2	6.9
05:00	.1	2.8	.2	2.9	.1	1.3	3.2	6.6
06:00	1.1	4.1	1.3	4.1	.6	1.9	4.4	9.2
07:00	2.6	5.8	2.8	6.0	1.3	2.7	7.8	11.2
08:00	1.8	4.2	2.0	4.2	.9	1.9	6.4	10.3
09:00	1.0	2.3	1.3	2.9	.6	1.3	3.9	6.2
10:00	1.1	2.4	1.7	2.7	.7	1.2	7.1	8.9
11:00	1.6	2.9	2.2	3.2	1.0	1.5	6.9	9.2
12:00	2.4	5.0	3.4	6.0	1.5	2.7	13.1	20.4
13:00	6.8	12.4	7.5	13.0	3.4	5.9	22.0	25.0
14:00	6.2	13.7	6.8	14.0	3.0	6.3	19.5	24.3
15:00	5.7	11.7	6.4	12.2	2.9	5.5	18.5	23.8
16:00	8.6	15.6	9.3	16.2	4.2	7.3	25.4	31.1
17:00	8.3	17.0	9.1	17.5	4.1	7.9	26.6	37.3
18:00	6.7	14.2	7.2	14.5	3.2	6.5	24.3	30.2
19:00	4.5	10.8	5.1	11.3	2.3	5.1	18.1	26.3
20:00	1.9	5.5	2.1	5.7	.9	2.6	6.2	13.7
21:00	2.1	5.7	2.5	5.8	1.1	2.6	6.9	12.1
22:00	1.5	4.1	2.5	4.3	1.1	1.9	9.2	12.8
23:00	.5	2.5	.8	2.7	.4	1.2	3.2	10.1
Avg	2.1	2.1	3.3	6.9	1.5	3.1	11.0	15.7
Max	8.6	17.0	9.3	17.5	4.2	7.9	26.6	37.3
Hr. of Max	16	17	16	17	16	17	17	17
Min	.1	1.8	.2	2.7	.1	1.2	3.0	6.2
Count	24	24	24	24	24	24	24	24
Total								