Date Printed: 07/23/2014 07:27

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

Daily Summary Report

Site: Tower "K" (1208)

7/22/2014

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	23.2	23.7	73.7	74.6	.5	22.8	73.0	100.5	20.3
01:00	22.9	23.2	73.1	73.8	.4	22.5	72.5	100.6	20.0
02:00	22.4	22.7	72.3	72.9	.4	22.1	71.7	100.8	19.5
03:00	22.1	23.3	71.7	73.9	1.2	21.8	71.2	101.0	19.2
04:00	21.5	22.4	70.7	72.3	.9	21.3	70.3	101.0	18.6
05:00	21.1	22.0	70.0	71.5	.8	20.9	69.6	101.1	18.2
06:00	20.8	21.6	69.5	70.9	.8	20.6	69.1	101.1	17.9
07:00	20.8	20.9	69.4	69.7	.1	20.6	69.0	101.2	17.9
08:00	21.9	21.6	71.3	70.8	-.3	20.5	68.9	94.8	17.8
09:00	24.0	23.1	75.3	73.5	-1.0	19.0	66.1	75.3	16.1
10:00	25.2	24.5	77.4	76.2	-.7	19.9	67.8	74.3	16.9
11:00	26.1	25.4	78.9	77.7	-.7	18.5	65.3	64.8	15.5
12:00	27.5	26.4	81.6	79.5	-1.1	18.5	65.2	59.3	15.4
13:00	28.5	27.2	83.3	80.9	-1.3	19.2	66.6	58.8	16.1
14:00	28.9	27.8	83.9	82.1	-1.0	18.9	66.1	56.7	15.8
15:00	30.4	28.8	86.7	83.8	-1.6	16.8	62.2	45.3	13.8
16:00	30.2	29.2	86.4	84.6	-1.0	17.1	62.7	46.8	14.1
17:00	30.7	29.4	87.3	84.9	-1.3	16.8	62.2	44.8	13.9
18:00	30.6	29.2	87.0	84.6	-1.3	16.6	61.9	44.5	13.7
19:00	29.6	28.6	85.2	83.5	-.9	20.2	68.3	58.8	17.1
20:00	28.0	27.7	82.4	81.9	-.3	22.4	72.4	74.2	19.7
21:00	26.5	26.7	79.7	80.1	.2	23.3	74.0	85.4	20.8
22:00	25.3	25.6	77.6	78.1	.3	23.8	74.8	94.0	21.5
23:00	24.9	25.0	76.8	77.1	.2	23.7	74.6	96.0	21.3
Avg	25.5	25.3	78.0	77.5	-.3	20.3	68.6	78.4	17.5
Max	30.7	29.4	87.3	84.9	1.2	23.8	74.8	101.2	21.5
Hr. of Max	17	17	17	17	03	22	22	07	22
Min	20.8	20.9	69.4	69.7	-1.6	16.6	61.9	44.5	13.7
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	0.0181	0.018	27.8	28.4	2436304.7	.0	.00	.00	-2.3
01:00	0.0178	0.0176	27.3	27.9	2436992.3	.0	.00	.00	-3.3
02:00	0.0173	0.0171	26.6	27.1	2438155.8	.0	.00	.00	-2.4
03:00	0.017	0.0168	26.2	26.6	2438850.4	.0	.00	.00	-2.6
04:00	0.0164	0.0163	25.3	25.7	2440164.3	.0	.00	.00	-2.5
05:00	0.016	0.0159	24.8	25.1	2441088.1	.0	.00	.00	-2.8
06:00	0.0157	0.0156	24.3	24.7	2441831.1	.0	.00	.00	1.2
07:00	0.0157	0.0155	24.3	24.6	2441888.7	.0	.00	.00	47.0
08:00	0.0157	0.0166	24.2	26.3	2439392.3	.0	.00	.00	211.8
09:00	0.0142	0.0189	22.1	30.0	2434184.9	.0	.00	.00	372.0
10:00	0.0151	0.0203	23.3	32.1	2431446.8	.0	.00	.00	237.3
11:00	0.0138	0.0214	21.5	33.9	2429364.4	.0	.00	.00	434.3
12:00	0.0138	0.0233	21.4	36.9	2425910.8	.0	.00	.00	735.7
13:00	0.0145	0.0246	22.4	39.0	2423623.1	.0	.00	.00	618.6
14:00	0.0143	0.0252	22.1	39.9	2422762.4	.0	.00	.00	459.6
15:00	0.0125	0.0275	19.4	43.6	2419104.4	.0	.00	.00	807.8
16:00	0.0128	0.0273	19.8	43.2	2419459.9	.0	.00	.00	456.8
17:00	0.0125	0.0281	19.4	44.4	2418354.7	.0	.00	.00	434.1
18:00	0.0124	0.0279	19.2	44.0	2418675.1	.0	.00	.00	343.9
19:00	0.0155	0.0263	23.8	41.6	2421036.4	.0	.00	.00	132.2
20:00	0.0178	0.024	27.3	38.0	2424760.6	.0	.00	.00	20.4
21:00	0.0187	0.022	28.8	34.8	2428337.0	.0	.00	.00	-2.3
22:00	0.0192	0.0205	29.6	32.4	2431112.3	.0	.00	.00	-2.4
23:00	0.0191	0.0199	29.4	31.5	2432212.0	.0	.00	.00	-2.4
Avg	0.0157	0.0211	24.2	33.4	2430625.5	.0	.00	.00	220.4
Max	0.0192	0.0281	29.6	44.4	2441888.7	.0	.00	.00	807.8
Hr. of Max	22	17	22	17	07	23	23	23	15
Min	0.0124	0.0155	19.2	24.6	2418354.7	.0	.00	.00	-3.3
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	.0	29.06	984.3	100	205	129	201	43	15
01:00	.0	29.07	984.5	264	204	272	204	46	22
02:00	.0	29.06	984.2	6	275	16	278	44	23
03:00	.0	29.06	984.1	77	51	76	49	38	23
04:00	.0	29.07	984.3	151	82	145	91	61	37
05:00	.0	29.08	984.8	92	88	96	97	39	44
06:00	.0	29.10	985.4	257	37	283	31	37	48
07:00	.1	29.12	986.0	152	346	158	18	29	31
08:00	.3	29.13	986.4	71	54	67	56	63	26
09:00	.5	29.13	986.4	67	83	101	83	64	46
10:00	.3	29.13	986.3	271	325	282	329	42	41
11:00	.6	29.12	986.0	294	301	289	300	50	45
12:00	1.1	29.10	985.5	238	236	238	230	55	38
13:00	.9	29.09	985.0	240	224	238	219	42	29
14:00	.7	29.07	984.6	192	179	211	193	39	57
15:00	1.2	29.06	984.1	234	215	231	209	53	36
16:00	.7	29.04	983.6	139	104	151	94	57	40
17:00	.6	29.03	983.2	229	225	224	220	36	29
18:00	.5	29.02	982.9	233	229	238	230	38	22
19:00	.2	29.03	983.0	184	194	185	193	33	14
20:00	.0	29.04	983.4	206	220	208	217	25	11
21:00	.0	29.05	983.9	229	218	237	216	45	11
22:00	.0	29.08	984.7	216	227	218	226	23	8
23:00	.0	29.08	984.9	224	239	227	238	35	8
Avg	.3	29.08	984.6	206	216	0	0	43	29
Max	1.2	29.13	986.4	294	346	289	329	64	57
Hr. of Max	15	10	09	11	07	11	10	09	14
Min	.0	29.02	982.9	6	37	16	18	23	8
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	.1	1.2	.6	1.2	.2	.6	2.3	2.7
01:00	.2	1.0	.7	1.2	.3	.5	1.8	3.0
02:00	.4	1.5	.8	2.1	.3	1.0	3.2	4.4
03:00	.9	1.9	1.3	2.6	.6	1.2	3.9	5.5
04:00	.2	.5	.4	1.5	.2	.7	2.3	3.0
05:00	.5	.5	.7	.9	.3	.4	2.3	2.5
06:00	.3	.7	.4	1.1	.2	.5	1.4	3.2
07:00	.2	.7	.3	1.0	.1	.5	1.6	3.7
08:00	.4	2.1	.5	2.2	.2	1.0	3.2	4.6
09:00	.3	.9	1.2	1.3	.5	.6	4.4	4.4
10:00	1.1	1.3	1.3	1.5	.6	.7	3.9	4.6
11:00	1.3	1.5	1.7	1.7	.8	.8	6.0	6.9
12:00	2.2	2.5	2.9	3.4	1.3	1.6	7.8	8.0
13:00	2.8	4.2	3.6	4.6	1.6	2.1	8.7	10.8
14:00	.9	1.0	1.8	2.0	.8	.9	6.2	6.4
15:00	1.8	2.9	3.0	3.3	1.4	1.5	8.2	9.6
16:00	.7	.8	1.5	2.2	.7	1.0	5.0	5.3
17:00	2.4	3.6	2.9	4.1	1.3	1.8	7.3	8.0
18:00	2.0	3.3	2.3	3.5	1.0	1.6	7.1	8.9
19:00	1.8	4.2	2.0	4.3	.9	2.0	5.5	8.7
20:00	1.4	3.5	1.5	3.6	.7	1.6	3.9	6.6
21:00	.9	4.0	1.3	4.1	.6	1.9	4.1	7.3
22:00	1.3	5.7	1.5	5.7	.7	2.6	3.4	8.9
23:00	1.2	5.4	1.3	5.5	.6	2.5	5.0	9.2
Avg	.8	.8	1.5	2.6	.7	1.2	4.5	6.1
Max	2.8	5.7	3.6	5.7	1.6	2.6	8.7	10.8
Hr. of Max	13	22	13	22	13	22	13	13
Min	.1	.5	.3	.9	.1	.4	1.4	2.5
Count	24	24	24	24	24	24	24	24
Total								