Date Printed: 07/22/2014 12:17

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

Daily Summary Report

Site: Tower "K" (1208)

7/21/2014

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	22.0	22.4	71.6	72.3	.4	21.2	70.2	98.1	18.6
01:00	21.1	22.1	70.0	71.8	1.0	20.8	69.4	100.6	18.1
02:00	20.8	21.8	69.4	71.2	1.0	20.5	68.9	100.8	17.8
03:00	20.4	21.1	68.7	70.0	.7	20.1	68.3	100.9	17.5
04:00	20.1	21.2	68.3	70.1	1.0	19.9	67.8	100.9	17.2
05:00	20.2	20.7	68.3	69.2	.5	19.9	67.9	101.0	17.2
06:00	20.3	20.4	68.6	68.7	.1	20.1	68.2	101.0	17.4
07:00	20.6	20.6	69.1	69.0	.0	20.3	68.6	100.8	17.6
08:00	21.3	21.1	70.4	69.9	-.3	20.9	69.6	99.8	18.2
09:00	21.8	21.4	71.3	70.5	-.4	21.2	70.2	98.8	18.6
10:00	22.2	21.6	71.9	70.9	-.5	21.2	70.1	96.6	18.5
11:00	23.0	22.2	73.3	72.0	-.7	20.3	68.5	87.3	17.5
12:00	24.1	23.4	75.4	74.1	-.7	19.0	66.1	74.8	16.1
13:00	24.9	24.0	76.8	75.2	-.9	19.5	67.1	74.0	16.6
14:00	27.8	26.3	82.0	79.4	-1.4	18.4	65.1	58.4	15.4
15:00	29.1	27.8	84.4	82.0	-1.4	18.1	64.6	53.1	15.1
16:00	29.9	28.6	85.8	83.5	-1.3	15.8	60.5	43.9	13.0
17:00	30.0	28.9	86.1	84.0	-1.1	14.8	58.7	40.8	12.2
18:00	29.8	28.9	85.6	84.1	-.9	15.8	60.4	44.0	13.0
19:00	29.3	28.6	84.7	83.5	-.6	19.0	66.1	55.8	15.9
20:00	27.6	27.4	81.6	81.3	-.2	22.1	71.7	74.3	19.2
21:00	26.2	26.0	79.2	78.8	-.2	22.5	72.5	82.5	19.8
22:00	25.1	25.3	77.1	77.6	.3	22.6	72.8	89.1	20.1
23:00	23.9	24.4	75.1	76.0	.5	23.3	73.9	99.0	20.9
Avg	24.2	24.0	75.6	75.2	-.2	19.9	67.8	82.3	17.1
Max	30.0	28.9	86.1	84.1	1.0	23.3	73.9	101.0	20.9
Hr. of Max	17	18	17	18	04	23	23	06	23
Min	20.1	20.4	68.3	68.7	-1.4	14.8	58.7	40.8	12.2
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	0.0164	0.0168	25.3	26.5	2439071.1	.0	.00	.00	-2.7
01:00	0.016	0.0159	24.6	25.1	2441175.4	.0	.00	.00	-2.5
02:00	0.0157	0.0156	24.2	24.6	2441926.7	.0	.00	.00	-2.5
03:00	0.0153	0.0152	23.6	24.0	2442854.5	.0	.00	.00	-2.7
04:00	0.0151	0.015	23.3	23.6	2443451.1	.0	.00	.00	-2.5
05:00	0.0151	0.015	23.3	23.7	2443392.0	.0	.00	.00	-2.9
06:00	0.0153	0.0151	23.6	23.9	2442963.0	.0	.00	.00	2.9
07:00	0.0155	0.0154	23.9	24.3	2442369.5	.0	.00	.00	53.4
08:00	0.016	0.0161	24.8	25.4	2440638.0	.0	.00	.00	59.4
09:00	0.0164	0.0166	25.3	26.2	2439415.8	.0	.00	.00	47.7
10:00	0.0163	0.0169	25.2	26.8	2438623.3	.0	.00	.00	69.3
11:00	0.0155	0.0178	23.9	28.1	2436754.7	.0	.00	.00	185.7
12:00	0.0142	0.019	22.0	30.1	2434018.2	.0	.00	.00	274.0
13:00	0.0147	0.02	22.8	31.6	2432138.0	.0	.00	.00	361.8
14:00	0.0138	0.0237	21.3	37.5	2425338.4	.0	.00	.00	923.1
15:00	0.0136	0.0256	21.0	40.5	2422092.9	.0	.00	.00	787.0
16:00	0.0118	0.0268	18.2	42.4	2420269.5	.0	.00	.00	700.7
17:00	0.011	0.027	17.1	42.7	2419926.7	.0	.00	.00	545.6
18:00	0.0117	0.0267	18.2	42.1	2420513.2	.0	.00	.00	321.5
19:00	0.0144	0.0258	22.2	40.8	2421803.3	.0	.00	.00	138.1
20:00	0.0174	0.0234	26.7	37.0	2425793.4	.0	.00	.00	36.5
21:00	0.0178	0.0216	27.4	34.2	2428966.0	.0	.00	.00	-2.2
22:00	0.0179	0.0202	27.6	31.9	2431757.0	.0	.00	.00	-2.4
23:00	0.0186	0.0188	28.6	29.8	2434468.4	.0	.00	.00	-2.2
Avg	0.0152	0.0196	23.5	31.0	2433738.3	.0	.00	.00	186.8
Max	0.0186	0.027	28.6	42.7	2443451.1	.0	.00	.00	923.1
Hr. of Max	23	17	23	17	04	23	23	23	14
Min	0.011	0.015	17.1	23.6	2419926.7	.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	.0	29.03	983.3	54	85	53	94	55	18
01:00	.0	29.02	982.8	67	33	84	33	44	19
02:00	.0	29.01	982.5	33	74	33	74	54	15
03:00	.0	29.01	982.3	134	22	110	7	69	28
04:00	.0	29.02	982.6	74	76	89	75	29	13
05:00	.0	29.03	983.2	47	39	53	44	63	34
06:00	.0	29.05	983.8	156	342	157	10	48	46
07:00	.1	29.06	984.1	47	52	46	51	56	32
08:00	.1	29.08	984.7	94	99	98	98	50	24
09:00	.1	29.09	985.2	73	67	75	69	77	31
10:00	.1	29.11	985.7	197	41	150	29	71	38
11:00	.3	29.08	985.0	34	32	23	34	63	34
12:00	.4	29.08	984.9	279	313	277	307	52	52
13:00	.5	29.08	984.6	242	262	236	281	42	60
14:00	1.3	29.05	983.9	3	27	8	27	60	27
15:00	1.1	29.03	983.2	66	56	69	58	47	20
16:00	1.0	29.02	982.8	64	62	67	63	45	21
17:00	.8	29.02	982.7	78	78	78	75	45	26
18:00	.5	29.01	982.5	81	83	73	76	38	24
19:00	.2	29.02	982.7	138	181	153	206	63	57
20:00	.1	29.03	983.0	165	187	182	192	19	13
21:00	.0	29.05	983.6	214	218	222	220	26	13
22:00	.0	29.06	984.2	242	235	228	231	21	9
23:00	.0	29.06	984.1	249	236	157	238	44	15
Avg	.3	29.05	983.6	87	56	0	0	49	28
Max	1.3	29.11	985.7	279	342	277	307	77	60
Hr. of Max	14	10	10	12	06	12	12	09	13
Min	.0	29.01	982.3	3	22	8	7	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	.5	1.7	.8	2.7	.4	1.2	3.4	5.5
01:00	.9	2.6	1.2	2.7	.5	1.2	3.2	4.6
02:00	.4	2.1	.8	2.1	.4	.9	2.3	4.1
03:00	.4	1.1	1.2	2.2	.5	1.0	3.2	4.1
04:00	.6	3.1	1.1	3.2	.5	1.4	3.4	5.3
05:00	.4	2.7	.9	2.8	.4	1.3	3.2	6.9
06:00	.2	1.2	.6	1.5	.3	.7	2.3	5.7
07:00	.3	2.1	.7	2.6	.3	1.2	2.3	5.3
08:00	.8	4.0	1.1	4.3	.5	1.9	5.3	7.3
09:00	.5	2.9	1.0	3.1	.5	1.4	4.1	6.6
10:00	.0	1.1	.5	1.4	.2	.6	2.7	5.3
11:00	.5	3.6	.9	3.8	.4	1.7	5.0	11.0
12:00	.5	.3	1.6	1.7	.7	.8	5.0	4.8
13:00	1.0	.7	1.5	2.6	.7	1.2	4.8	6.2
14:00	.9	4.1	1.8	4.8	.8	2.2	6.9	10.3
15:00	2.3	6.0	2.9	6.3	1.3	2.8	10.5	12.6
16:00	1.9	4.8	2.4	5.2	1.1	2.3	8.7	10.3
17:00	1.8	2.9	2.2	3.1	1.0	1.4	6.6	8.0
18:00	1.2	1.6	1.3	1.7	.6	.8	5.0	5.3
19:00	.5	.7	1.0	1.4	.4	.7	4.4	5.3
20:00	1.9	4.7	2.3	5.1	1.0	2.3	7.1	10.8
21:00	1.3	3.6	1.7	3.7	.8	1.7	3.9	6.6
22:00	1.0	4.3	1.6	4.4	.7	2.0	4.6	7.1
23:00	.2	1.8	1.1	1.9	.5	.9	2.5	3.7
Avg	1.4	1.4	1.3	3.0	.6	1.4	4.6	6.8
Max	2.3	6.0	2.9	6.3	1.3	2.8	10.5	12.6
Hr. of Max	15	15	15	15	15	15	15	15
Min	.0	.3	.5	1.4	.2	.6	2.3	3.7
Count	24	24	24	24	24	24	24	24
Total								