Date Printed: 05/03/2015 06:56

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

Daily Summary Report

Site: Tower "K" (1208)

5/1/2015

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	8.1	9.1	46.5	48.4	1.1	6.1	43.1	88.7	7.3
01:00	7.2	8.0	45.0	46.5	.8	6.2	43.2	94.5	7.4
02:00	6.1	7.2	42.9	45.0	1.2	5.5	42.0	97.3	7.0
03:00	5.7	7.0	42.3	44.6	1.3	5.5	42.0	99.9	7.0
04:00	5.1	6.4	41.1	43.6	1.4	4.9	40.8	99.9	6.8
05:00	4.9	6.1	40.7	43.0	1.3	4.7	40.5	100.0	6.7
06:00	4.9	5.8	40.9	42.4	.8	4.8	40.7	100.0	6.7
07:00	5.0	6.4	40.9	43.5	1.4	4.7	40.4	98.8	6.6
08:00	6.8	7.1	44.3	44.9	.3	1.4	34.6	69.6	5.3
09:00	10.1	9.2	50.1	48.5	-.9	1.7	35.1	56.8	5.3
10:00	12.3	11.5	54.1	52.7	-.8	1.6	34.8	48.6	5.2
11:00	13.8	13.1	56.8	55.5	-.7	1.6	34.9	44.4	5.2
12:00	15.1	14.2	59.2	57.6	-.9	2.1	35.8	42.1	5.4
13:00	16.6	15.6	61.9	60.0	-1.0	3.4	38.1	41.9	5.9
14:00	17.9	16.7	64.2	62.1	-1.2	2.7	36.9	37.0	5.6
15:00	17.3	16.5	63.2	61.7	-.8	3.5	38.3	40.4	5.9
16:00	17.3	16.6	63.1	61.8	-.7	4.8	40.7	44.5	6.5
17:00	17.4	17.0	63.4	62.6	-.4	5.1	41.2	44.9	6.6
18:00	17.7	17.0	63.8	62.7	-.7	4.2	39.6	41.7	6.2
19:00	17.2	16.8	62.9	62.3	-.3	3.5	38.4	41.1	6.0
20:00	15.3	15.8	59.6	60.5	.5	7.2	45.0	59.4	7.7
21:00	13.3	14.5	55.9	58.1	1.2	8.5	47.3	73.9	8.4
22:00	11.4	13.6	52.6	56.5	2.2	8.9	48.1	85.7	8.7
23:00	9.8	11.8	49.7	53.3	2.0	8.7	47.7	94.2	8.7
Avg	11.5	11.8	52.7	53.2	.3	4.6	40.4	68.6	6.6
Max	17.9	17.0	64.2	62.7	2.2	8.9	48.1	100.0	8.7
Hr. of Max	14	18	14	18	22	22	22	06	23
Min	4.9	5.8	40.7	42.4	-1.2	1.4	34.6	37.0	5.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	0.0061	0.0068	9.5	10.8	2472147.8	.0	.00	.00	-3.4
01:00	0.0061	0.0065	9.5	10.2	2474167.5	.0	.00	.00	-3.5
02:00	0.0058	0.006	9.1	9.4	2476870.7	.0	.00	.00	-3.5
03:00	0.0058	0.0058	9.1	9.2	2477739.2	.0	.00	.00	-3.6
04:00	0.0056	0.0056	8.7	8.8	2479258.9	.0	.00	.00	-3.4
05:00	0.0055	0.0055	8.6	8.6	2479750.3	.0	.00	.00	-3.5
06:00	0.0055	0.0055	8.6	8.7	2479558.2	.0	.00	.00	-1.1
07:00	0.0054	0.0055	8.5	8.7	2479502.5	.0	.00	.00	91.1
08:00	0.0043	0.0063	6.8	9.9	2475092.8	.0	.00	.00	299.7
09:00	0.0044	0.0078	7.0	12.4	2467393.9	.0	.00	.00	497.3
10:00	0.0044	0.0091	6.9	14.3	2462106.5	.0	.00	.00	519.4
11:00	0.0044	0.01	6.9	15.8	2458579.7	.0	.00	.00	664.4
12:00	0.0046	0.0109	7.2	17.2	2455388.2	.0	.00	.00	931.5
13:00	0.005	0.012	7.9	18.9	2451874.6	.0	.00	.00	957.5
14:00	0.0048	0.013	7.6	20.5	2448807.7	.0	.00	.00	787.7
15:00	0.0051	0.0126	8.0	19.8	2450092.6	.0	.00	.00	343.6
16:00	0.0056	0.0125	8.7	19.8	2450228.9	.0	.00	.00	225.0
17:00	0.0057	0.0126	8.9	20.0	2449876.6	.0	.00	.00	182.3
18:00	0.0053	0.0128	8.4	20.3	2449285.3	.0	.00	.00	209.8
19:00	0.0051	0.0124	8.0	19.7	2450479.5	.0	.00	.00	106.8
20:00	0.0065	0.011	10.2	17.4	2454894.5	.0	.00	.00	4.2
21:00	0.0071	0.0097	11.1	15.3	2459716.2	.0	.00	.00	-3.1
22:00	0.0073	0.0085	11.5	13.5	2464114.0	.0	.00	.00	-3.3
23:00	0.0072	0.0077	11.3	12.1	2467957.8	.0	.00	.00	-3.3
Avg	0.0055	0.009	8.7	14.2	2463953.5	.0	.00	.00	241.2
Max	0.0073	0.013	11.5	20.5	2479750.3	.0	.00	.00	957.5
Hr. of Max	22	14	22	14	05	23	23	23	13
Min	0.0043	0.0055	6.8	8.6	2448807.7	.0	.00	.00	-3.6
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	28.94	980.1	214	314	214	325	39	26
01:00	.00	28.95	980.6	118	317	98	325	55	22
02:00	-.01	28.96	980.7	12	312	1	307	54	14
03:00	-.01	28.96	980.8	147	260	142	276	72	24
04:00	.00	28.96	980.8	300	242	30	242	63	29
05:00	-.01	28.97	981.1	74	285	91	285	69	13
06:00	.00	28.99	981.9	105	307	110	305	56	25
07:00	.13	29.03	983.1	104	34	111	32	55	38
08:00	.43	29.04	983.4	276	302	255	302	67	55
09:00	.71	29.04	983.4	196	215	188	200	49	47
10:00	.74	29.04	983.4	340	40	327	35	60	46
11:00	.95	29.04	983.5	337	359	9	18	56	30
12:00	1.34	29.04	983.6	67	56	73	56	55	28
13:00	1.37	29.04	983.3	55	44	60	43	66	38
14:00	1.13	29.02	982.9	61	47	71	52	69	36
15:00	.49	29.02	982.9	84	78	85	75	37	27
16:00	.32	29.02	982.8	93	91	91	90	33	22
17:00	.26	29.02	982.8	34	26	44	22	56	27
18:00	.30	29.03	983.1	31	26	29	26	60	15
19:00	.15	29.04	983.4	23	19	23	20	57	19
20:00	.01	29.06	984.2	79	53	82	53	16	9
21:00	.00	29.08	985.0	184	41	201	45	18	7
22:00	.00	29.10	985.5	208	33	226	23	41	10
23:00	.00	29.10	985.5	198	145	209	108	32	30
Avg	.35	29.02	982.8	78	10	0	0	51	27
Max	1.37	29.10	985.5	340	359	327	325	72	55
Hr. of Max	13	23	23	10	11	10	01	03	08
Min	-.01	28.94	980.1	12	19	1	18	16	7
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	1.1	2.2	1.3	3.1	.6	1.4	3.9	6.0
01:00	.6	2.9	1.4	3.4	.6	1.5	4.4	8.9
02:00	.4	3.0	1.2	3.0	.5	1.4	3.4	7.3
03:00	.7	2.9	1.1	3.6	.5	1.6	3.7	7.6
04:00	.2	2.8	1.3	3.2	.6	1.4	4.8	6.0
05:00	.5	4.6	.8	4.8	.4	2.2	2.7	8.7
06:00	.6	2.3	1.1	2.6	.5	1.2	3.2	8.7
07:00	.6	2.1	1.4	3.2	.6	1.5	3.9	6.0
08:00	.2	.9	.6	1.6	.3	.7	2.5	3.9
09:00	1.1	1.3	1.9	2.2	.8	1.0	6.4	7.3
10:00	.1	3.6	2.1	5.7	.9	2.5	9.2	17.2
11:00	.6	3.8	2.5	5.8	1.1	2.6	13.3	17.2
12:00	2.3	6.2	3.2	6.7	1.4	3.0	11.0	15.1
13:00	1.7	6.0	3.0	6.7	1.3	3.0	10.3	16.5
14:00	1.8	5.3	2.7	5.9	1.2	2.7	13.3	16.5
15:00	2.6	5.1	3.0	5.5	1.4	2.5	9.8	14.2
16:00	2.2	3.9	2.5	4.2	1.1	1.9	7.1	8.2
17:00	1.0	5.1	1.6	5.9	.7	2.7	9.2	15.3
18:00	1.2	9.2	2.0	9.5	.9	4.3	8.9	15.6
19:00	1.0	7.1	1.5	7.5	.7	3.4	7.6	13.5
20:00	2.4	6.2	2.5	6.4	1.1	2.9	6.0	8.2
21:00	.3	4.4	.7	4.4	.3	2.0	2.5	8.2
22:00	.2	.9	.4	.8	.2	.4	1.4	2.7
23:00	.6	.2	.8	.3	.4	.2	2.1	2.1
Avg	1.6	1.6	1.7	4.4	.8	2.0	6.3	10.0
Max	2.6	9.2	3.2	9.5	1.4	4.3	13.3	17.2
Hr. of Max	15	18	12	18	15	18	14	11
Min	.1	.2	.4	.3	.2	.2	1.4	2.1
Count	24	24	24	24	24	24	24	24
Total								