Date Printed: 05/18/2015 11:31

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

Daily Summary Report

Site: Tower "K" (1208)

5/14/2015

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	16.7	17.7	62.0	63.9	1.0	8.4	47.2	59.1	8.3
01:00	15.9	17.2	60.6	63.0	1.3	9.1	48.4	64.9	8.7
02:00	15.8	16.5	60.4	61.8	.8	8.8	47.8	64.1	8.5
03:00	15.5	16.2	59.8	61.1	.7	8.5	47.3	64.2	8.4
04:00	15.0	15.6	58.9	60.1	.7	8.5	47.3	66.3	8.4
05:00	14.7	15.1	58.5	59.2	.4	8.4	47.1	66.8	8.3
06:00	14.4	14.6	58.0	58.4	.2	8.2	46.8	67.1	8.2
07:00	14.9	14.8	58.9	58.6	-.1	6.8	44.2	59.2	7.5
08:00	16.4	15.9	61.6	60.6	-.6	5.3	41.5	48.4	6.7
09:00	17.8	17.0	64.0	62.6	-.8	5.1	41.2	44.0	6.6
10:00	18.6	17.8	65.4	64.1	-.7	5.7	42.3	43.9	6.9
11:00	21.0	20.0	69.9	68.0	-1.0	5.6	42.1	37.3	6.8
12:00	22.9	21.9	73.1	71.4	-1.0	5.9	42.5	34.0	6.9
13:00	24.8	23.5	76.6	74.3	-1.3	8.2	46.7	35.5	8.0
14:00	26.6	25.1	79.9	77.2	-1.5	8.1	46.7	32.0	8.0
15:00	27.2	26.0	81.0	78.7	-1.3	8.2	46.7	30.9	8.0
16:00	26.9 P	26.1 P	80.4 P	78.9 P	-.8 P	P	P	34.2 P	8.7 P
17:00	26.1	25.6	79.1	78.0	-.6	11.0	51.8	39.7	9.6
18:00	25.6	25.2	78.2	77.4	-.4	11.9	53.3	43.3	10.2
19:00	24.8	24.6	76.7	76.4	-.2	14.2	57.6	52.9	11.9
20:00	23.6	23.9	74.5	75.0	.3	15.5	60.0	62.1	13.0
21:00	22.2	23.1	72.0	73.5	.8	16.3	61.3	70.4	13.6
22:00	21.5	22.3	70.8	72.2	.8	16.3	61.3	73.6	13.7
23:00	21.5	22.4	70.7	72.2	.8	16.1	61.1	73.1	13.6
Avg	20.4	20.3	68.8	68.6	-.1	9.6	49.2	52.8	9.1
Max	27.2	26.1	81.0	78.9	1.3	16.3	61.3	73.6	13.7
Hr. of Max	15	16	15	16	01	22	22	22	22
Min	14.4	14.6	58.0	58.4	-1.5	5.1	41.2	30.9	6.6
Count	24	24	24	24	24	23	23	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	0.0071	0.012	11.1	19.0	2451651.4	.0	.00	.00	-3.0
01:00	0.0074	0.0114	11.6	18.1	2453537.8	.0	.00	.00	-2.9
02:00	0.0072	0.0113	11.4	17.9	2453862.5	.0	.00	.00	-2.9
03:00	0.0071	0.0111	11.2	17.6	2454562.3	.0	.00	.00	-2.9
04:00	0.0071	0.0107	11.2	17.0	2455731.0	.0	.00	.00	-3.1
05:00	0.007	0.0105	11.1	16.8	2456333.5	.0	.00	.00	-3.3
06:00	0.0069	0.0103	10.9	16.5	2457026.1	.0	.00	.00	3.4
07:00	0.0063	0.0107	10.0	17.0	2455789.8	.0	.00	.00	125.3
08:00	0.0057	0.0118	9.0	18.7	2452254.5	.0	.00	.00	306.1
09:00	0.0056	0.0128	8.9	20.4	2449051.1	.0	.00	.00	423.7
10:00	0.0059	0.0135	9.3	21.5	2447150.9	.0	.00	.00	554.6
11:00	0.0058	0.0157	9.2	25.0	2441292.7	.0	.00	.00	775.3
12:00	0.006	0.0175	9.4	27.9	2437000.7	.0	.00	.00	875.5
13:00	0.007	0.0197	11.0	31.4	2432436.9	.0	.00	.00	926.8
14:00	0.007	0.022	11.0	35.0	2428061.0	.0	.00	.00	906.1
15:00	0.007	0.0228	11.1	36.2	2426633.9	.0	.00	.00	687.5
16:00	0.0076 P	0.0223 P	12.0 P	35.5 P	2427478.7 P	.0 P	.00 P	<	431.9 P
17:00	0.0085	0.0214	13.3	34.0	2429197.7	.0	.00	.00	231.5
18:00	0.009	0.0208	14.1	33.0	2430392.8	.0	.00	.00	142.2
19:00	0.0105	0.0198	16.4	31.5	2432313.1	.0	.00	.00	50.0
20:00	0.0114	0.0184	17.8	29.2	2435272.5	.0	.00	.00	3.7
21:00	0.0119	0.0169	18.6	26.9	2438469.8	.0	.00	.00	-2.3
22:00	0.0119	0.0162	18.6	25.8	2440135.9	.0	.00	.00	-2.6
23:00	0.0118	0.0162	18.4	25.8	2440181.9	.0	.00	.00	-2.7
Avg	0.0079	0.0157	12.4	24.9	2442742.4	.0	.00	.00	267.4
Max	0.0119	0.0228	18.6	36.2	2457026.1	.0	.00	.00	926.8
Hr. of Max	22	15	22	15	06	23	23	23	13
Min	0.0056	0.0103	8.9	16.5	2426633.9	.0	.00	.00	-3.3
Count	24	24	24	24	24	24	24	23	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	29.23	989.8	83	58	82	58	58	5
01:00	.00	29.23	989.8	72	60	74	60	38	4
02:00	.00	29.22	989.4	95	48	80	48	62	9
03:00	.00	29.22	989.5	83	54	81	54	42	7
04:00	.00	29.22	989.6	83	56	81	57	34	6
05:00	.00	29.23	989.8	84	60	82	60	35	6
06:00	.00	29.23	989.9	82	60	81	60	49	7
07:00	.18	29.25	990.6	81	61	81	61	38	8
08:00	.44	29.26	990.9	80	61	77	61	42	12
09:00	.61	29.27	991.3	85	70	83	71	48	24
10:00	.80	29.28	991.5	77	69	80	69	50	21
11:00	1.11	29.27	991.2	91	70	89	72	73	45
12:00	1.26	29.25	990.7	133	138	145	145	61	45
13:00	1.33	29.23	990.0	205	203	216	207	61	43
14:00	1.30	29.21	989.3	218	215	226	217	45	37
15:00	.99	29.19	988.5	253	251	255	252	41	34
16:00	.62 P	29.17 P	987.9 P	256 P	256 P	258 P	256 P	25 P	17 P
17:00	.33	29.16	987.6	264	260	262	259	21	13
18:00	.20	29.16	987.5	273	273	273	272	15	9
19:00	.07	29.15	987.2	299	277	292	288	45	25
20:00	.01	29.15	987.3	224	220	183	222	22	14
21:00	.00	29.16	987.5	235	200	233	201	8	11
22:00	.00	29.17	987.9	146	175	134	170	58	13
23:00	.00	29.17	987.9	147	183	156	172	59	31
Avg	.39	29.21	989.3	122	102	0	0	43	19
Max	1.33	29.28	991.5	299	277	292	288	73	45
Hr. of Max	13	10	10	19	19	19	19	11	12
Min	.00	29.15	987.2	72	48	74	48	8	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	1.3	11.4	1.7	11.4	.8	5.1	7.8	15.3
01:00	1.9	12.1	2.2	12.1	1.0	5.4	9.4	17.2
02:00	1.1	12.9	1.8	13.1	.8	5.9	6.9	21.1
03:00	2.1	10.5	2.4	10.6	1.1	4.8	7.3	15.6
04:00	2.7	12.6	3.1	12.6	1.4	5.7	11.7	17.2
05:00	3.2	13.8	3.6	13.9	1.6	6.2	10.8	18.5
06:00	2.5	15.5	3.0	15.6	1.3	7.0	12.4	23.4
07:00	2.7	13.3	3.1	13.3	1.4	6.0	13.3	22.9
08:00	2.9	11.8	3.4	12.0	1.5	5.4	12.1	22.0
09:00	2.6	6.3	3.1	6.7	1.4	3.0	11.9	14.7
10:00	1.9	4.4	2.4	4.6	1.1	2.1	8.7	8.7
11:00	.8	2.5	1.8	3.0	.8	1.4	5.7	9.4
12:00	1.3	2.3	2.2	3.1	1.0	1.4	7.3	8.7
13:00	1.8	2.6	2.9	3.4	1.3	1.6	9.6	10.8
14:00	3.0	4.4	4.0	5.2	1.8	2.3	13.1	13.7
15:00	3.6	5.1	4.7	6.3	2.1	2.8	11.9	13.1
16:00	4.9 P	6.6 P	5.3 P	6.9 P	2.4 P	3.1 P	<	<
17:00	4.4	6.2	4.8	6.4	2.1	2.9	10.5	11.9
18:00	4.2	5.9	4.3	5.9	1.9	2.7	8.5	9.2
19:00	.7	2.3	1.4	2.4	.6	1.1	4.6	5.5
20:00	.5	1.5	.6	1.5	.3	.7	2.5	2.7
21:00	.2	1.2	.2	1.2	.1	.6	1.1	2.5
22:00	.5	2.9	.9	2.9	.4	1.3	3.9	8.2
23:00	.7	5.9	2.0	6.7	.9	3.0	8.7	17.4
Avg	6.4	6.4	2.7	7.5	1.2	3.4	8.7	13.5
Max	4.9	15.5	5.3	15.6	2.4	7.0	13.3	23.4
Hr. of Max	16	06	16	06	16	06	07	06
Min	.2	1.2	.2	1.2	.1	.6	1.1	2.5
Count	24	24	24	24	24	24	23	23
Total								