Date Printed: 07/18/2014 09:31

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

Daily Summary Report

Site: Tower "K" (1208)

7/16/2014

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	20.2	64.8	68.3	2.0	15.0	59.0	83.1	12.7
01:00	17.0	18.6	62.5	65.5	1.7	15.1	59.3	90.8	12.9
02:00	16.0	17.8	60.8	64.0	1.8	15.4	59.7	98.0	13.1
03:00	15.3	16.8	59.6	62.3	1.5	15.1	59.1	100.1	12.9
04:00	14.8	16.0	58.7	60.7	1.1	14.6	58.3	100.3	12.5
05:00	14.3	15.2	57.7	59.3	.9	14.1	57.4	100.4	12.1
06:00	13.9	14.6	57.0	58.2	.6	13.7	56.7	100.4	11.9
07:00	14.1	14.6	57.3	58.2	.5	12.6	54.6	92.9	11.1
08:00	16.1	16.0	60.9	60.8	-.1	7.8	46.0	59.1	8.0
09:00	18.9	18.0	66.1	64.4	-.9	7.7	45.8	48.9	7.9
10:00	20.9	19.7	69.5	67.5	-1.1	7.0	44.7	41.6	7.5
11:00	22.1	20.8	71.8	69.4	-1.3	7.0	44.6	38.5	7.5
12:00	22.5	21.5	72.4	70.8	-.9	7.1	44.8	38.0	7.5
13:00	23.4	22.4	74.1	72.3	-1.0	8.1	46.5	38.4	8.0
14:00	24.2	22.9	75.5	73.2	-1.3	8.4	47.2	37.5	8.2
15:00	24.2	23.3	75.6	73.9	-.9	7.4	45.4	35.1	7.6
16:00	24.8	23.6	76.6	74.6	-1.2	7.4	45.3	33.8	7.6
17:00	24.5	23.8	76.1	74.8	-.7	6.6	43.9	32.5	7.2
18:00	25.3	24.3	77.6	75.7	-1.0	4.7	40.4	27.1	6.3
19:00	24.5	23.8	76.1	74.9	-.7	5.8	42.5	30.9	6.9
20:00	22.4	22.6	72.3	72.7	.2	9.7	49.5	46.3	9.0
21:00	20.4	21.5	68.7	70.7	1.1	12.8	55.0	62.9	11.0
22:00	18.2	20.0	64.8	68.1	1.8	13.7	56.7	76.3	11.7
23:00	16.9	18.8	62.5	65.9	1.9	14.4	57.9	86.4	12.3
Avg	19.7	19.9	67.5	67.8	.2	10.5	50.8	62.5	9.7
Max	25.3	24.3	77.6	75.7	2.0	15.4	59.7	100.4	13.1
Hr. of Max	18	18	18	18	00	02	02	06	02
Min	13.9	14.6	57.0	58.2	-1.3	4.7	40.4	27.1	6.3
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 07/18/2014 09:31

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

Daily Summary Report

Site: Tower "K" (1208)

7/16/2014

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	0.0111	0.0133	17.1	21.0	2448027.8	.0	.00	.00	-2.8
01:00	0.0112	0.0123	17.3	19.4	2451008.2	.0	.00	.00	-2.9
02:00	0.0113	0.0116	17.5	18.2	2453258.5	.0	.00	.00	-2.8
03:00	0.0111	0.0111	17.1	17.4	2454920.9	.0	.00	.00	-2.9
04:00	0.0108	0.0107	16.7	16.9	2456064.6	.0	.00	.00	-2.9
05:00	0.0104	0.0104	16.1	16.3	2457342.2	.0	.00	.00	-3.1
06:00	0.0101	0.0101	15.7	15.9	2458248.4	.0	.00	.00	1.1
07:00	0.0095	0.0102	14.7	16.1	2457897.8	.0	.00	.00	110.1
08:00	0.0068	0.0116	10.7	18.3	2453155.7	.0	.00	.00	307.7
09:00	0.0068	0.0139	10.6	21.9	2446330.8	.0	.00	.00	523.0
10:00	0.0065	0.0157	10.2	24.7	2441756.0	.0	.00	.00	709.9
11:00	0.0065	0.0169	10.2	26.7	2438781.3	.0	.00	.00	855.6
12:00	0.0066	0.0173	10.3	27.3	2437915.8	.0	.00	.00	662.6
13:00	0.007	0.0183	10.9	28.8	2435753.8	.0	.00	.00	694.2 +
14:00	0.0072	0.0192	11.2	30.3	2433849.8	.0	.00	.00	769.1
15:00	0.0067	0.0192	10.5	30.3	2433815.3	.0	.00	.00	621.2
16:00	0.0067	0.0199	10.5	31.4	2432385.8	.0	.00	.00	630.5
17:00	0.0064	0.0196	9.9	30.9	2433076.6	.0	.00	.00	430.0
18:00	0.0056	0.0206	8.7	32.4	2431093.8	.0	.00	.00	421.9
19:00	0.006	0.0196	9.4	30.9	2433039.4	.0	.00	.00	208.2
20:00	0.0079	0.0172	12.3	27.2	2438131.9	.0	.00	.00	32.2
21:00	0.0096	0.0153	14.9	24.1	2442808.7	.0	.00	.00	-2.4
22:00	0.0101	0.0133	15.7	21.0	2448018.2	.0	.00	.00	-2.9
23:00	0.0106	0.0123	16.4	19.4	2451033.5	.0	.00	.00	-3.0
Avg	0.0084	0.015	13.1	23.6	2444488.1	.0	.00	.00	289.7
Max	0.0113	0.0206	17.5	32.4	2458248.4	.0	.00	.00	855.6
Hr. of Max	02	18	02	18	06	23	23	23	11
Min	0.0056	0.0101	8.7	15.9	2431093.8	.0	.00	.00	-3.1
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 07/18/2014 09:31

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

Daily Summary Report

Site: Tower "K" (1208)

7/16/2014

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	.0	28.92	979.4	234	329	259	328	52	8
01:00	.0	28.93	979.6	202	332	196	318	65	37
02:00	.0	28.92	979.5	113	304	136	310	46	18
03:00	.0	28.92	979.5	179	251	213	251	52	18
04:00	.0	28.93	979.7	148	259	121	261	43	9
05:00	.0	28.94	980.1	205	267	168	268	46	10
06:00	.0	28.95	980.5	144	267	96	269	29	5
07:00	.2	28.95	980.5	196	288	96	292	47	9
08:00	.4	28.96	980.7	285	357	338	350	46	22
09:00	.8	28.97	981.0	48	46	58	49	52	29
10:00	1.0	28.97	981.0	49	46	59	49	61	23
11:00	1.2	28.97	981.2	72	49	74	48	67	38
12:00	1.0	28.97	981.1	343	7	340	5	59	44
13:00	1.0 +	28.96	980.7	16	21	0	20	78	39
14:00	1.1	28.95	980.4	31	34	24	28	52	33
15:00	.9	28.94	980.1	321	334	300	338	53	24
16:00	.9	28.93	979.8	296	320	288	321	38	18
17:00	.6	28.93	979.7	1	359	359	358	57	16
18:00	.6	28.92	979.4	21	12	0	9	84	36
19:00	.3	28.93	979.8	332	332	331	332	57	12
20:00	.0	28.94	980.2	23	348	31	347	37	11
21:00	.0	28.96	980.8	65	20	63	19	50	7
22:00	.0	28.98	981.4	182	17	95	21	79	26
23:00	.0	29.00	982.0	204	34	198	42	42	43
Avg	.4	28.95	980.3	39	346	0	0	54	22
Max	1.2	29.00	982.0	343	359	359	358	84	44
Hr. of Max	11	23	23	12	17	17	17	18	12
Min	.0	28.92	979.4	1	7	0	5	29	5
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 07/18/2014 09:31

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

Daily Summary Report

Site: Tower "K" (1208)

7/16/2014

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	.2	3.6	.5	3.6	.2	1.6	2.3	6.0
01:00	.1	1.2	.6	1.3	.3	.6	2.7	3.4
02:00	.4	2.7	.7	2.8	.3	1.3	2.5	5.5
03:00	.1	1.5	.3	1.6	.1	.7	2.1	3.2
04:00	.2	2.3	.2	2.3	.1	1.0	1.8	3.7
05:00	.1	1.4	.3	1.4	.1	.7	1.6	2.5
06:00	.1	1.7	.1	1.7	.1	.8	1.8	3.0
07:00	.0	1.7	.2	1.7	.1	.8	1.4	3.9
08:00	.2	1.9	.2	2.0	.1	.9	3.2	5.0
09:00	1.3	3.6	1.7	3.8	.8	1.7	6.9	9.8
10:00	1.3	4.8	1.9	5.3	.9	2.4	10.3	11.2
11:00	1.4	4.0	2.3	4.6	1.0	2.1	8.5	12.6
12:00	.9	3.5	1.8	4.2	.8	1.9	6.4	10.3
13:00	.7	3.2	2.0	4.3	.9	1.9	9.6	11.7
14:00	.7	2.3	2.6	4.0	1.1	1.8	8.2	11.0
15:00	1.2	3.8	1.8	4.3	.8	1.9	6.0	10.1
16:00	2.2	5.7	2.6	5.9	1.2	2.6	7.8	10.5
17:00	1.0	5.7	1.3	5.8	.6	2.6	7.1	11.4
18:00	.5	3.3	1.3	3.8	.6	1.7	5.7	10.8
19:00	.8	7.4	1.1	7.5	.5	3.4	5.3	11.9
20:00	.6	6.3	.8	6.5	.4	2.9	3.9	9.6
21:00	.8	5.0	1.0	5.0	.4	2.3	4.4	7.6
22:00	.1	3.2	.6	3.3	.2	1.5	2.7	7.3
23:00	.3	.5	.7	.7	.3	.3	1.6	2.3
Avg	1.5	1.5	1.1	3.6	.5	1.6	4.7	7.7
Max	2.2	7.4	2.6	7.5	1.2	3.4	10.3	12.6
Hr. of Max	16	19	16	19	16	19	10	11
Min	.0	.5	.1	.7	.1	.3	1.4	2.3
Count	24	24	24	24	24	24	24	24
Total								