Date Printed: 06/04/2015 09:53

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

Daily Summary Report

Site: Tower "K" (1208)

6/2/2015

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	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	17.2	17.6	62.9	63.7	.5	17.0	62.6	101.2	14.5
01:00	17.4	17.7	63.3	63.8	.3	17.3	63.1	101.2	14.7
02:00	17.6	17.6	63.6	63.6	.0	17.4	63.4	101.3	14.9
03:00	17.7	17.6	63.8	63.7	.0	17.5	63.6	101.3	15.0
04:00	17.7	17.8	63.9	64.0	.0	17.6	63.7	101.3	15.1
05:00	17.7	17.7	63.9	63.9	.0	17.6	63.7	101.4	15.0
06:00	17.8	17.6	64.0	63.7	-.2	17.6	63.8	101.4	15.1
07:00	17.9	17.5	64.1	63.5	-.4	17.7	63.9	101.4	15.2
08:00	18.4	17.8	65.1	64.0	-.6	18.0	64.5	100.0	15.4
09:00	18.9	18.3	66.1	64.9	-.6	17.8	64.0	95.2	15.2
10:00	20.6	19.9	69.0	67.9	-.6	14.9	58.8	71.5	12.6
11:00	21.8	21.1	71.3	69.9	-.7	15.3	59.6	68.3	12.9
12:00	23.0	22.3	73.5	72.2	-.7	14.4	57.9	59.5	12.1
13:00	21.5	21.0	70.7	69.7	-.6	17.0	62.7	77.3	14.3
14:00	21.5	20.9	70.7	69.7	-.6	16.7	62.1	75.7	14.0
15:00	23.8	22.8	74.9	73.1	-1.0	15.3	59.5	60.5	12.8
16:00	25.1	24.2	77.3	75.6	-.9	11.4	52.6	43.3	9.9
17:00	25.6	24.3	78.0	75.8	-1.2	12.5	54.5	45.3	10.6
18:00	25.5	24.4	77.8	76.0	-1.0	10.4	50.6	39.6	9.3
19:00	24.5	23.4	76.1	74.2	-1.0	13.1	55.7	50.8	11.2
20:00	21.4	21.0	70.6	69.8	-.4	17.5	63.5	81.6	14.8
21:00	18.8	18.9	65.8	66.1	.2	18.5	65.4	100.8	15.9
22:00	18.3	18.4	65.0	65.1	.1	18.1	64.7	101.0	15.5
23:00	17.8	18.0	64.1	64.5	.2	17.7	63.8	101.1	15.1
Avg	20.3	19.9	68.6	67.9	-.4	16.2	61.2	82.6	13.8
Max	25.6	24.4	78.0	76.0	.5	18.5	65.4	101.4	15.9
Hr. of Max	17	18	17	18	00	21	21	07	21
Min	17.2	17.5	62.9	63.5	-1.2	10.4	50.6	39.6	9.3
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 06/04/2015 09:53

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

Daily Summary Report

Site: Tower "K" (1208)

6/2/2015

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	0.0125	0.0124	19.4	19.6	2450547.7	.3	.01	.01	-2.9
01:00	0.0128	0.0126	19.8	19.9	2449950.5	.0	.00	.00	-2.7
02:00	0.0129	0.0127	20.0	20.1	2449550.8	.0	.00	.00	-2.6
03:00	0.013	0.0128	20.1	20.3	2449327.1	.0	.00	.00	-2.7
04:00	0.0131	0.0129	20.2	20.4	2449132.6	.0	.00	.00	-2.5
05:00	0.0131	0.0129	20.2	20.3	2449157.8	.0	.00	.00	-2.6
06:00	0.0131	0.0129	20.2	20.4	2449112.2	.0	.00	.00	.7
07:00	0.0132	0.013	20.3	20.5	2448870.6	.0	.00	.00	26.7
08:00	0.0134	0.0134	20.7	21.2	2447606.4	.0	.00	.00	136.8
09:00	0.0132	0.0139	20.4	21.9	2446337.3	.0	.00	.00	178.1
10:00	0.011	0.0154	17.0	24.3	2442465.9	.0	.00	.00	433.7
11:00	0.0113	0.0166	17.5	26.2	2439478.4	.0	.00	.00	644.5
12:00	0.0106	0.0179	16.5	28.3	2436556.0	.0	.00	.00	515.5
13:00	0.0126	0.0163	19.5	25.8	2440169.5	.0	.00	.00	187.3
14:00	0.0123	0.0163	19.1	25.8	2440160.3	.0	.00	.00	256.4
15:00	0.0113	0.0188	17.5	29.6	2434744.3	.0	.00	.00	781.7
16:00	0.0088	0.0203	13.7	32.1	2431564.6	.0	.00	.00	758.0
17:00	0.0095	0.0209	14.7	32.9	2430534.6	.0	.00	.00	649.0
18:00	0.0082	0.0207	12.8	32.7	2430818.0	.0	.00	.00	484.1
19:00	0.0099	0.0196	15.3	30.8	2433143.9	.0	.00	.00	229.8
20:00	0.0131	0.0163	20.2	25.7	2440381.6	5.6	.22	.22	25.2
21:00	0.0139	0.0137	21.4	21.7	2446737.5	6.1	.24	.24	-2.5
22:00	0.0135	0.0134	20.9	21.1	2447750.2	.0	.00	.00	-2.7
23:00	0.0131	0.013	20.3	20.5	2448904.9	.0	.00	.00	-2.7
Avg	0.0121	0.0154	18.7	24.3	2443041.8	.5	.02	.02	220.2
Max	0.0139	0.0209	21.4	32.9	2450547.7	6.1	.24	.24	781.7
Hr. of Max	21	17	21	17	00	21	21	21	15
Min	0.0082	0.0124	12.8	19.6	2430534.6	.0	.00	.00	-2.9
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 06/04/2015 09:53

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

Daily Summary Report

Site: Tower "K" (1208)

6/2/2015

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	29.03	983.2	109	97	62	221	47	33
01:00	.00	29.02	982.7	38	340	83	343	70	26
02:00	.00	29.00	982.3	162	162	161	148	26	36
03:00	.00	29.00	982.2	166	221	188	218	47	12
04:00	.00	29.00	982.0	82	192	87	151	41	33
05:00	.00	29.00	982.0	71	85	72	81	17	17
06:00	.00	29.01	982.3	75	85	77	85	19	6
07:00	.04	29.02	982.8	90	91	86	91	23	10
08:00	.20	29.03	983.1	95	96	90	94	30	19
09:00	.26	29.04	983.4	90	76	87	79	43	23
10:00	.62	29.03	983.2	49	51	81	54	55	49
11:00	.92	29.02	982.9	265	282	271	279	57	36
12:00	.74	29.01	982.3	6	118	268	255	74	50
13:00	.27	29.00	982.2	300	299	291	300	32	11
14:00	.37	28.99	981.7	292	304	284	305	42	15
15:00	1.12	28.96	980.7	293	299	284	298	33	16
16:00	1.09	28.94	980.0	296	298	286	297	39	17
17:00	.93	28.93	979.9	294	298	286	298	33	15
18:00	.69	28.93	979.8	308	311	301	310	46	15
19:00	.33	28.94	980.0	86	71	88	73	28	16
20:00	.04	28.95	980.6	108	99	100	103	48	32
21:00	.00	28.98	981.3	83	23	97	29	82	51
22:00	.00	28.99	981.6	183	319	127	358	29	33
23:00	.00	29.00	981.9	82	50	104	48	55	28
Avg	.32	28.99	981.8	69	35	0	0	42	25
Max	1.12	29.04	983.4	308	340	301	358	82	51
Hr. of Max	15	09	09	18	01	18	22	21	21
Min	.00	28.93	979.8	6	23	62	29	17	6
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 06/04/2015 09:53

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

Daily Summary Report

Site: Tower "K" (1208)

6/2/2015

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	.1	1.0	2.0	.4	.9	3.2	3.9
01:00	.3	2.8	.6	3.0	.3	1.3	2.7	6.6
02:00	.3	.9	.6	1.5	.3	.7	2.5	3.2
03:00	.7	2.9	1.0	3.0	.4	1.4	4.1	4.8
04:00	.6	.7	.7	1.0	.3	.5	3.9	3.2
05:00	1.4	2.6	1.5	2.7	.7	1.2	4.1	4.8
06:00	1.5	3.7	1.6	3.6	.7	1.6	4.1	4.8
07:00	1.2	3.4	1.3	3.4	.6	1.5	3.4	5.7
08:00	1.2	2.9	1.4	3.0	.6	1.4	4.6	5.5
09:00	.8	1.7	.9	1.8	.4	.8	3.4	4.6
10:00	.3	1.0	1.4	2.1	.6	1.0	4.4	5.3
11:00	1.3	1.5	2.3	2.6	1.0	1.2	6.9	6.2
12:00	.6	.4	2.1	2.7	.9	1.2	7.3	9.6
13:00	3.1	10.2	3.4	10.5	1.5	4.7	11.4	16.5
14:00	2.3	7.0	2.7	7.3	1.2	3.3	8.9	13.5
15:00	3.9	8.4	4.3	8.8	1.9	3.9	15.6	16.5
16:00	3.2	6.3	3.7	6.6	1.7	3.0	11.2	15.6
17:00	3.8	9.2	4.2	9.6	1.9	4.3	12.1	15.3
18:00	2.1	8.4	2.5	8.5	1.1	3.8	9.2	13.5
19:00	3.1	5.9	3.4	6.3	1.5	2.9	10.1	12.4
20:00	2.2	6.9	2.8	7.8	1.3	3.5	12.1	45.8
21:00	.3	2.0	1.4	4.5	.6	2.0	7.3	12.8
22:00	.1	.6	1.4	2.6	.6	1.2	4.8	9.2
23:00	.4	3.7	1.0	4.2	.5	1.9	4.8	10.5
Avg	1.4	1.4	2.0	4.5	.9	2.1	6.8	10.4
Max	3.9	10.2	4.3	10.5	1.9	4.7	15.6	45.8
Hr. of Max	15	13	15	13	17	13	15	20
Min	.1	.1	.6	1.0	.3	.5	2.5	3.2
Count	24	24	24	24	24	24	24	24
Total								