Date Printed: 05/02/2017 07:09

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

Daily Summary Report

Site: Tower "K" (1208)

5/1/2017

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	18.7	18.6	65.7	65.5	-.1	18.0	64.4	97.7	15.4
01:00	18.5	18.7	65.4	65.6	.1	17.9	64.2	97.8	15.2
02:00	18.3	18.8	65.0	65.9	.5	17.7	63.8	98.1	15.1
03:00	18.2	18.4	64.8	65.0	.1	17.6	63.7	98.2	15.0
04:00	18.1	17.9	64.5	64.3	-.1	17.5	63.4	98.3	14.9
05:00	18.2	17.9	64.7	64.3	-.2	17.5	63.6	98.3	15.0
06:00	18.1	18.0	64.5	64.5	.0	17.5	63.4	98.3	14.9
07:00	18.4	19.1	65.2	66.3	.6	17.8	64.1	98.4	15.2
08:00	20.1	20.3	68.1	68.5	.2	19.4	67.0	98.4	16.7
09:00	19.9	19.6	67.9	67.2	-.4	19.2	66.6	97.8	16.5
10:00	17.6	17.2	63.7	62.9	-.4	15.1	59.2	87.1	13.0
11:00	15.3	15.0	59.6	59.0	-.3	10.4	50.6	73.6	9.5
12:00	14.7	14.1	58.4	57.4	-.6	10.3	50.5	76.2	9.5
13:00	17.2	16.1	63.0	61.0	-1.1	9.2	48.6	60.5	8.8
14:00	20.1	18.7	68.1	65.6	-1.4	7.8	46.0	46.1	7.9
15:00	21.4	19.9	70.6	67.9	-1.5	7.2	44.9	40.5	7.5
16:00	23.2	21.7	73.7	71.1	-1.5	6.9	44.5	35.9	7.4
17:00	23.9	22.8	75.1	73.1	-1.1	4.1	39.4	28.3	6.1
18:00	23.5	22.4	74.3	72.3	-1.1	3.4	38.2	27.7	5.8
19:00	22.8	22.0	73.0	71.6	-.8	3.8	38.9	29.8	6.0
20:00	21.0	20.7	69.7	69.3	-.2	4.5	40.1	34.7	6.3
21:00	19.2	18.9	66.5	66.0	-.3	5.3	41.6	41.0	6.7
22:00	17.1	16.7	62.7	62.0	-.4	5.8	42.4	48.2	6.9
23:00	15.8	15.6	60.4	60.0	-.2	4.2	39.5	46.7	6.2
Avg	19.1	18.7	66.4	65.7	-.4	11.6	52.9	69.1	10.9
Max	23.9	22.8	75.1	73.1	.6	19.4	67.0	98.4	16.7
Hr. of Max	17	17	17	17	07	08	08	08	08
Min	14.7	14.1	58.4	57.4	-1.5	3.4	38.2	27.7	5.8
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 05/02/2017 07:09

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

Daily Summary Report

Site: Tower "K" (1208)

5/1/2017

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	0.0134	0.0137	20.7	21.6	2446839.7	.0	.00	.00	-2.5
01:00	0.0133	0.0136	20.5	21.4	2447230.2	.5	.02	.00	-2.8
02:00	0.0131	0.0134	20.3	21.1	2447788.3	.0	.00	.00	-2.7
03:00	0.0131	0.0133	20.2	21.0	2447983.7	.0	.00	.00	-2.6
04:00	0.013	0.0132	20.0	20.8	2448361.7	.0	.00	.00	-2.2
05:00	0.0131	0.0133	20.1	20.9	2448170.9	1.7	.07	.02	-2.1
06:00	0.013	0.0132	20.0	20.8	2448361.1	.3	.01	.00	-2.1
07:00	0.0133	0.0135	20.5	21.3	2447513.5	.3	.01	.00	18.3
08:00	0.0148	0.015	22.6	23.6	2443617.2	.3	.01	.00	66.4
09:00	0.0146	0.0149	22.3	23.4	2443935.1	2.2	.09	.06	121.0
10:00	0.0113	0.0129	17.4	20.2	2449448.8	.0	.00	.00	134.0
11:00	0.0082	0.0111	12.7	17.5	2454845.2	.5	.02	.02	169.7
12:00	0.0081	0.0107	12.6	16.8	2456399.9	.0	.00	.00	275.0
13:00	0.0076	0.0125	11.7	19.7	2450400.3	.0	.00	.00	908.7
14:00	0.0069	0.015	10.7	23.5	2443649.5	.0	.00	.00	934.0
15:00	0.0066	0.0163	10.3	25.6	2440388.4	.0	.00	.00	846.5
16:00	0.0065	0.0182	10.1	28.5	2436206.6	.0	.00	.00	705.6
17:00	0.0054	0.019	8.4	29.8	2434445.9	.0	.00	.00	523.1
18:00	0.0051	0.0185	8.0	29.0	2435467.2	.0	.00	.00	313.1
19:00	0.0053	0.0177	8.2	27.8	2437245.7	.0	.00	.00	105.0
20:00	0.0055	0.0159	8.5	24.9	2441478.6	.0	.00	.00	3.8
21:00	0.0058	0.0142	9.0	22.3	2445732.6	.0	.00	.00	-2.8
22:00	0.006	0.0124	9.3	19.5	2450786.9	.0	.00	.00	-2.9
23:00	0.0053	0.0114	8.3	18.0	2453781.0	.0	.00	.00	-2.9
Avg	0.0095	0.0143	14.7	22.5	2445836.6	.2	.01	.00	212.4
Max	0.0148	0.019	22.6	29.8	2456399.9	2.2	.09	.06	934.0
Hr. of Max	08	17	08	17	12	09	09	09	14
Min	0.0051	0.0107	8.0	16.8	2434445.9	.0	.00	.00	-2.9
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 05/02/2017 07:09

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

Daily Summary Report

Site: Tower "K" (1208)

5/1/2017

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	28.96	980.6	91	141	89	127	44	19
01:00	.00	28.94	980.0	45	305	50	311	42	33
02:00	.00	28.91	979.0	63	256	75	239	27	45
03:00	.00	28.89	978.3	300	247	264	249	34	12
04:00	.00	28.88	978.2	241	246	242	246	19	8
05:00	.00	28.88	978.1	232	231	234	231	29	15
06:00	.00	28.84	976.8	40	241	56	208	30	54
07:00	.03	28.82	976.0	72	145	108	163	34	19
08:00	.10	28.82	975.8	198	192	198	192	25	12
09:00	.17	28.82	976.0	210	211	213	213	22	12
10:00	.19	28.85	977.1	221	221	222	222	20	10
11:00	.24	28.88	978.0	213	214	212	214	21	10
12:00	.39	28.88	977.9	196	200	197	200	21	10
13:00	1.30	28.85	977.2	190	197	191	196	24	14
14:00	1.34	28.82	975.9	196	200	196	200	23	12
15:00	1.21	28.79	975.1	203	201	202	202	22	13
16:00	1.01	28.78	974.5	208	209	208	209	23	14
17:00	.75	28.78	974.7	229	227	231	227	21	11
18:00	.45	28.79	975.1	211	215	211	215	20	10
19:00	.15	28.80	975.4	216	217	216	217	20	10
20:00	.01	28.83	976.4	251	246	252	246	16	10
21:00	.00	28.88	978.1	272	266	271	266	13	9
22:00	.00	28.95	980.3	272	267	271	267	14	11
23:00	.00	28.97	981.0	253	252	255	252	14	9
Avg	.31	28.86	977.3	219	223	0	0	24	16
Max	1.34	28.97	981.0	300	305	271	311	44	54
Hr. of Max	14	23	23	03	01	22	01	00	06
Min	.00	28.78	974.5	40	141	50	127	13	8
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 05/02/2017 07:09

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

Daily Summary Report

Site: Tower "K" (1208)

5/1/2017

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	1.8	5.5	2.3	6.8	1.0	3.0	11.4	18.5
01:00	1.0	1.6	1.3	2.3	.6	1.0	5.0	7.3
02:00	.8	1.0	.9	1.7	.4	.8	3.7	7.8
03:00	1.5	4.8	1.9	4.9	.9	2.2	7.6	9.2
04:00	2.0	6.3	2.1	6.3	1.0	2.9	6.0	10.3
05:00	3.2	7.7	3.7	8.0	1.6	3.6	12.1	19.7
06:00	.3	1.0	.9	1.4	.4	.7	3.4	7.3
07:00	.5	5.0	2.1	6.1	.9	2.7	9.4	20.2
08:00	3.6	10.6	4.0	10.9	1.8	4.9	11.0	22.7
09:00	9.4	19.4	10.3	20.2	4.6	9.1	26.3	36.4
10:00	11.6	23.5	12.4	23.7	5.6	10.6	35.5	49.5
11:00	8.3	17.6	8.9	17.9	4.0	8.0	23.1	31.8
12:00	7.8	16.1	8.2	16.3	3.7	7.3	23.8	32.5
13:00	9.3	18.3	10.0	18.8	4.5	8.4	31.4	36.0
14:00	11.4	21.6	12.2	22.0	5.4	9.9	35.3	37.8
15:00	11.9	22.6	12.7	23.2	5.7	10.4	28.4	37.1
16:00	10.5	20.5	11.4	21.2	5.1	9.5	29.3	40.5
17:00	14.1	26.0	15.3	26.5	6.8	11.9	32.5	45.8
18:00	11.6	23.7	12.2	24.0	5.5	10.8	30.2	41.0
19:00	8.5	18.1	9.1	18.3	4.0	8.2	21.8	32.5
20:00	13.8	22.0	14.3	22.3	6.4	10.0	31.8	37.3
21:00	15.8	22.8	16.2	23.1	7.3	10.4	30.0	35.5
22:00	17.1	24.0	17.5	24.4	7.8	10.9	36.6	42.4
23:00	8.5	14.0	8.8	14.1	3.9	6.3	19.0	27.2
Avg	6.2	6.2	8.3	15.1	3.7	6.8	21.0	28.6
Max	17.1	26.0	17.5	26.5	7.8	11.9	36.6	49.5
Hr. of Max	22	17	22	17	22	17	22	10
Min	.3	1.0	.9	1.4	.4	.7	3.4	7.3
Count	24	24	24	24	24	24	24	24
Total								