Date Printed: 08/02/2015 07:26

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

Daily Summary Report

Site: Tower "K" (1208)

8/1/2015

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	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	19.8	22.0	67.7	71.6	2.2	19.0	66.3	97.5	16.3
01:00	18.7	21.3	65.7	70.3	2.5	18.4	65.2	100.2	15.8
02:00	18.1	20.1	64.7	68.1	1.9	17.9	64.1	100.3	15.3
03:00	17.4	19.5	63.4	67.1	2.1	17.2	63.0	100.4	14.7
04:00	17.3	18.7	63.2	65.6	1.4	17.1	62.7	100.5	14.6
05:00	16.7	18.7	62.1	65.6	2.0	16.5	61.7	100.5	14.1
06:00	16.4	18.1	61.6	64.6	1.7	16.2	61.2	100.6	
07:00	16.6	18.3	62.0	65.0	1.7	15.5	59.9	95.1	
08:00	19.2	19.8	66.6	67.7	.6	12.6	54.7	66.9	
09:00	21.8	21.9	71.3	71.4	.0	12.7	54.8	57.2	
10:00	25.5	24.6	77.9	76.3	-.9	13.7	56.7	49.3	
11:00	28.1	27.2	82.6	81.0	-.9	12.4	54.4	39.2	
12:00	29.0	28.5	84.1	83.4	-.4	12.0	53.5	36.0	
13:00	29.7	29.0	85.5	84.2	-.7	13.3	56.0	37.7	
14:00	29.8	29.1	85.6	84.4	-.7	14.4	57.9	40.2	
15:00	31.0	30.3	87.7	86.6	-.6	12.0	53.6	32.3	
16:00	31.6	30.8	88.9	87.4	-.8	11.0	51.9	29.3	
17:00	31.6	31.0	88.9	87.8	-.6	11.2	52.1	29.5	
18:00	30.8	30.6	87.5	87.1	-.2	10.8	51.5	30.1	
19:00	29.5	29.8	85.1	85.6	.3	11.5	52.7	34.0	
20:00	27.2	28.2	81.0	82.8	1.0	16.3	61.4	53.6	
21:00	24.4	26.9	76.0	80.5	2.5	19.1	66.3	73.8	
22:00	22.6	25.1	72.6	77.2	2.5	19.3	66.8	84.1	
23:00	21.3	23.5	70.3	74.4	2.3	19.6	67.3	92.3	
Avg	23.9	24.7	75.1	76.5	.8	15.0	59.0	65.9	15.1
Max	31.6	31.0	88.9	87.8	2.5	19.6	67.3	100.6	16.3
Hr. of Max	17	17	17	17	22	23	23	06	00
Min	16.4	18.1	61.6	64.6	-.9	10.8	51.5	29.3	14.1
Count	24	24	24	24	24	24	24	24	6
Total									

Date Printed: 08/02/2015 07:26

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

Daily Summary Report

Site: Tower "K" (1208)

8/1/2015

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	0.0143	0.0146	22.1	23.2	2444228.5	.0	.00	.00	-2.8
01:00	0.0137	0.0137	21.2	21.7	2446792.2	.0	.00	.00	-2.8
02:00	0.0132	0.0132	20.5	20.9	2448194.2	.0	.00	.00	-2.9
03:00	0.0127	0.0126	19.7	20.0	2449842.8	.0	.00	.00	-2.8
04:00	0.0126	0.0125	19.5	19.8	2450168.6	.0	.00	.00	-3.0
05:00	0.0121	0.012	18.8	19.1	2451570.9	.0	.00	.00	-3.0
06:00	0.0119	0.0118	18.5	18.7	2452288.3	.0	.00	.00	-.8
07:00	0.0114	0.012	17.7	19.0	2451747.5	.0	.00	.00	93.5
08:00	0.0094	0.0141	14.7	22.4	2445696.5	.0	.00	.00	276.9
09:00	0.0095	0.0166	14.8	26.3	2439397.8	.0	.00	.00	478.4
10:00	0.0102	0.0207	15.9	32.7	2430764.8	.0	.00	.00	665.4
11:00	0.0094	0.0241	14.7	38.2	2424554.3	.0	.00	.00	799.0
12:00	0.0091	0.0253	14.3	40.1	2422522.3	.0	.00	.00	894.8
13:00	0.01	0.0265	15.6	41.9	2420689.8	.0	.00	.00	931.3
14:00	0.0107	0.0266	16.6	42.1	2420551.3	.0	.00	.00	541.7
15:00	0.0092	0.0285	14.3	45.0	2417745.8	.0	.00	.00	757.7
16:00	0.0086	0.0295	13.5	46.6	2416265.3	.0	.00	.00	738.4
17:00	0.0087	0.0295	13.6	46.6	2416251.5	.0	.00	.00	591.0
18:00	0.0085	0.0283	13.3	44.6	2418099.0	.0	.00	.00	366.8
19:00	0.0089	0.0262	13.8	41.4	2421245.0	.0	.00	.00	153.6
20:00	0.0122	0.023	18.9	36.3	2426621.0	.0	.00	.00	16.9
21:00	0.0144	0.0195	22.2	30.7	2433223.5	.0	.00	.00	-2.4
22:00	0.0146	0.0174	22.5	27.5	2437653.0	.0	.00	.00	-2.7
23:00	0.0148	0.016	22.9	25.4	2440726.5	.0	.00	.00	-2.8
Avg	0.0113	0.0198	17.5	31.3	2434451.7	.0	.00	.00	303.3
Max	0.0148	0.0295	22.9	46.6	2452288.3	.0	.00	.00	931.3
Hr. of Max	23	17	23	17	06	23	23	23	13
Min	0.0085	0.0118	13.3	18.7	2416251.5	.0	.00	.00	-3.0
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/02/2015 07:26

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

Daily Summary Report

Site: Tower "K" (1208)

8/1/2015

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	29.11	985.7	217	78	219	75	35	23
01:00	.00	29.11	985.8	89	24	76	28	61	40
02:00	.00	29.10	985.5	82	10	45	1	57	39
03:00	.00	29.09	985.1	88	4	89	22	42	52
04:00	.00	29.09	985.1	48	53	50	40	41	26
05:00	.00	29.08	984.9	89	41	78	44	27	18
06:00	.00	29.09	985.0	147	64	92	64	51	8
07:00	.13	29.10	985.6	129	32	97	22	52	29
08:00	.40	29.11	985.9	209	25	192	18	49	38
09:00	.69	29.11	985.9	311	18	309	16	51	40
10:00	.95	29.11	985.7	204	277	205	264	39	49
11:00	1.15	29.10	985.6	78	62	79	62	60	34
12:00	1.28	29.10	985.4	356	16	5	20	69	44
13:00	1.34	29.08	984.8	65	40	68	47	73	49
14:00	.78	29.06	984.2	111	72	105	70	61	55
15:00	1.09	29.05	983.7	304	327	276	322	74	64
16:00	1.06	29.03	983.2	289	309	286	304	46	28
17:00	.85	29.02	982.9	298	318	285	315	56	31
18:00	.53	29.01	982.5	327	335	343	332	68	39
19:00	.22	29.01	982.5	343	323	332	323	42	8
20:00	.02	29.02	982.8	356	331	5	332	59	4
21:00	.00	29.03	983.1	139	354	96	349	58	15
22:00	.00	29.05	983.6	200	311	196	341	39	39
23:00	.00	29.05	983.9	228	343	224	342	27	23
Avg	.44	29.07	984.5	78	8	0	0	52	33
Max	1.34	29.11	985.9	356	354	343	349	74	64
Hr. of Max	13	10	09	20	21	18	21	15	15
Min	.00	29.01	982.5	48	4	5	1	27	4
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/02/2015 07:26

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

Daily Summary Report

Site: Tower "K" (1208)

8/1/2015

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	2.6	.3	2.6	.1	1.2	1.4	4.4
01:00	.4	1.6	.7	1.9	.3	.9	2.3	6.4
02:00	.3	1.2	.6	1.4	.3	.6	2.3	3.4
03:00	.5	1.2	.7	1.6	.3	.7	3.0	3.9
04:00	.2	.5	.4	.7	.2	.4	1.6	3.2
05:00	.5	1.6	.7	1.6	.3	.7	2.3	4.4
06:00	.0	2.0	.1	2.0	.0	.9	1.4	4.6
07:00	.2	.4	.5	.5	.2	.3	2.1	2.5
08:00	.2	1.6	.4	1.9	.2	.9	2.3	4.8
09:00	.6	1.2	1.0	1.7	.4	.8	3.4	5.0
10:00	1.0	.5	1.6	1.4	.7	.7	4.1	4.1
11:00	1.0	2.0	1.3	2.3	.6	1.0	5.3	6.6
12:00	.7	3.0	1.8	3.8	.8	1.7	7.1	9.4
13:00	1.1	2.0	2.1	2.8	1.0	1.3	6.9	8.7
14:00	1.1	2.3	1.9	3.2	.8	1.4	6.6	8.2
15:00	1.0	1.5	2.1	3.2	.9	1.5	7.6	9.8
16:00	2.0	4.8	3.1	5.6	1.4	2.5	11.7	12.8
17:00	2.0	4.3	2.5	5.0	1.1	2.3	9.8	12.1
18:00	.5	4.5	1.5	5.7	.7	2.6	7.8	11.7
19:00	.7	6.6	.9	6.6	.4	3.0	7.3	9.8
20:00	.3	5.7	.4	5.7	.2	2.6	2.5	8.9
21:00	.1	6.3	.2	6.5	.1	2.9	1.6	9.8
22:00	.4	.7	.6	1.3	.3	.6	1.8	3.2
23:00	.2	1.5	.7	1.7	.3	.8	1.8	3.9
Avg	.9	.9	1.1	2.9	.5	1.3	4.3	6.7
Max	2.0	6.6	3.1	6.6	1.4	3.0	11.7	12.8
Hr. of Max	17	19	16	19	16	19	16	16
Min	.0	.4	.1	.5	.0	.3	1.4	2.5
Count	24	24	24	24	24	24	24	24
Total								