Date Printed: 08/03/2016 09:15

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

Daily Summary Report

Site: Tower "K" (1208)

8/2/2016

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	24.6	25.3	76.2	77.5	.7	22.9	73.2	93.1	20.4
01:00	23.9	24.7	75.0	76.5	.8	22.9	73.3	97.1	20.5
02:00	23.5	23.8	74.4	74.9	.3	22.7	72.8	97.6	20.2
03:00	23.5	23.7	74.2	74.6	.2	22.6	72.7	97.7	20.1
04:00	23.5	24.1	74.4	75.4	.6	22.7	72.8	97.7	20.2
05:00	23.4	23.4	74.2	74.0	-.1	22.6	72.6	97.8	20.1
06:00	23.2	23.3	73.7	73.9	.1	22.3	72.2	97.9	19.8
07:00	23.4	23.1	74.1	73.6	-.3	21.8	71.2	93.4	19.1
08:00	24.1	23.5	75.4	74.3	-.6	21.0	69.8	85.2	18.2
09:00	25.7	24.7	78.3	76.5	-1.0	19.7	67.5	71.6	16.8
10:00	26.9	25.7	80.3	78.3	-1.1	19.2	66.6	64.9	
11:00	28.0	26.8	82.5	80.2	-1.2	19.6	67.2	61.9	16.5
12:00	29.0	27.7	84.3	81.9	-1.3	19.6	67.2	58.3	16.5
13:00	27.1	26.9	80.7	80.3	-.2	21.2	70.1	74.5	18.4
14:00	28.1	27.0	82.6	80.6	-1.1	21.2	70.2	69.8	18.4
15:00	31.0	30.2	87.8	86.3	-.8	18.9	65.9	50.0	15.7
16:00	31.8	31.2	89.3	88.1	-.7	16.3	61.4	40.6	13.4
17:00	31.2	31.0	88.1	87.8	-.2	15.7	60.3	40.6	12.9
18:00	30.9	30.8	87.6	87.4	-.1	14.8	58.6	38.7	12.2
19:00	30.2	30.4	86.4	86.6	.1	15.1	59.2	41.2	12.5
20:00	27.9	29.0	82.2	84.1	1.1	20.5	68.8	66.5	17.5
21:00	26.0	27.5	78.8	81.5	1.5	21.6	70.9	79.1	18.8
22:00	24.9	26.3	76.8	79.3	1.4	21.6	70.8	84.1	18.8
23:00	23.6	25.1	74.4	77.2	1.5	22.2	72.0	94.8	19.6
Avg	26.5	26.5	79.7	79.6	.0	20.4	68.6	74.8	17.7
Max	31.8	31.2	89.3	88.1	1.5	22.9	73.3	97.9	20.5
Hr. of Max	16	16	16	16	23	01	01	06	01
Min	23.2	23.1	73.7	73.6	-1.3	14.8	58.6	38.7	12.2
Count	24	24	24	24	24	24	24	24	23
Total									

Date Printed: 08/03/2016 09:15

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

Daily Summary Report

Site: Tower "K" (1208)

8/2/2016

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	0.0182	0.0195	28.0	31.0	2432928.0	.0	.00	.00	-2.5
01:00	0.0182	0.0188	28.1	29.8	2434515.8	.0	.00	.00	-2.6
02:00	0.0179	0.0184	27.6	29.1	2435369.0	.0	.00	.00	-2.6
03:00	0.0179	0.0183	27.5	29.0	2435562.3	.0	.00	.00	-2.4
04:00	0.0179	0.0183	27.6	29.1	2435405.6	.0	.00	.00	-2.5
05:00	0.0178	0.0182	27.5	28.9	2435648.6	.0	.00	.00	-2.5
06:00	0.0176	0.0179	27.1	28.4	2436289.4	.0	.00	.00	-1.0
07:00	0.0169	0.0182	26.2	28.8	2435781.3	.0	.00	.00	76.6
08:00	0.0162	0.019	25.0	30.1	2434039.4	.0	.00	.00	142.3
09:00	0.0149	0.0209	23.1	33.1	2430256.6	.0	.00	.00	397.4
10:00	0.0145	0.0224	22.5	35.5	2427496.3	.0	.00	.00	565.3
11:00	0.0148	0.0239	22.9	38.0	2424722.3	.0	.00	.00	534.7
12:00	0.0148	0.0254	22.9	40.3	2422336.5	.0	.00	.00	724.2
13:00	0.0165	0.0228	25.4	36.1	2427043.9	12.4	.49	.00	321.3
14:00	0.0166	0.0242	25.6	38.3	2424498.6	.1	.00	.00	925.1
15:00	0.0142	0.0285	22.0	45.1	2417658.6	.0	.00	.00	811.6
16:00	0.0121	0.0299	18.8	47.3	2415666.1	.0	.00	.00	712.6
17:00	0.0117	0.0288	18.2	45.6	2417209.7	.0	.00	.00	467.6
18:00	0.011	0.0283	17.0	44.8	2417949.4	.0	.00	.00	345.4
19:00	0.0112	0.0273	17.4	43.1	2419499.8	.0	.00	.00	146.9
20:00	0.0157	0.0239	24.3	37.8	2425011.6	.0	.00	.00	14.2
21:00	0.0168	0.0213	26.0	33.7	2429547.9	.0	.00	.00	-2.4
22:00	0.0168	0.02	25.8	31.6	2432149.5	.0	.00	.00	-2.5
23:00	0.0174	0.0184	26.9	29.1	2435322.0	.0	.00	.00	-2.6
Avg	0.0157	0.0222	24.3	35.2	2428412.8	.5	.02	.00	256.7
Max	0.0182	0.0299	28.1	47.3	2436289.4	12.4	.49	.00	925.1
Hr. of Max	01	16	01	16	06	13	13	23	14
Min	0.011	0.0179	17.0	28.4	2415666.1	.0	.00	.00	-2.6
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/03/2016 09:15

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

Daily Summary Report

Site: Tower "K" (1208)

8/2/2016

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	29.13	986.5	38	52	49	54	36	15
01:00	.00	29.12	986.3	36	352	168	5	56	26
02:00	.00	29.11	986.0	22	281	81	257	44	38
03:00	.00	29.12	986.2	316	242	195	232	29	8
04:00	.00	29.12	986.1	48	296	69	300	39	37
05:00	.00	29.12	986.2	180	226	209	219	54	18
06:00	.00	29.12	986.3	118	195	163	196	52	14
07:00	.11	29.13	986.5	240	219	225	214	52	22
08:00	.20	29.14	986.8	237	219	234	218	43	19
09:00	.57	29.15	987.1	230	217	228	216	30	16
10:00	.81	29.14	986.9	205	207	204	206	29	13
11:00	.77	29.15	987.1	207	210	206	210	31	16
12:00	1.04	29.15	987.0	205	200	204	200	29	14
13:00	.46	29.13	986.5	224	226	207	248	63	49
14:00	1.33	29.11	985.7	160	176	182	187	76	70
15:00	1.16	29.09	985.0	266	264	263	268	38	24
16:00	1.02	29.07	984.4	285	287	280	287	24	13
17:00	.67	29.06	984.0	327	319	312	319	45	15
18:00	.50	29.05	983.8	357	335	347	335	46	11
19:00	.21	29.05	983.8	7	328	350	328	38	11
20:00	.02	29.06	984.1	32	342	42	342	20	7
21:00	.00	29.08	984.7	34	347	50	347	34	11
22:00	.00	29.09	985.2	11	55	356	67	35	38
23:00	.00	29.10	985.4	10	340	311	327	42	40
Avg	.37	29.11	985.7	320	267	0	0	41	23
Max	1.33	29.15	987.1	357	352	356	347	76	70
Hr. of Max	14	12	11	18	01	22	21	14	14
Min	.00	29.05	983.8	7	52	42	5	20	7
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 08/03/2016 09:15

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

Daily Summary Report

Site: Tower "K" (1208)

8/2/2016

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	.6	5.0	.8	5.2	.4	2.3	4.4	10.8
01:00	.0	1.8	.5	2.3	.2	1.0	2.1	5.7
02:00	.2	.3	.8	1.2	.3	.6	4.1	3.7
03:00	.7	3.7	1.6	3.9	.7	1.8	5.7	8.5
04:00	.5	1.1	.8	1.2	.4	.6	2.7	2.7
05:00	.5	2.2	1.0	2.4	.4	1.1	3.2	4.8
06:00	.4	4.2	1.2	4.3	.5	1.9	4.4	8.5
07:00	1.2	3.5	1.7	3.8	.7	1.7	5.0	7.6
08:00	1.8	3.0	2.2	3.2	1.0	1.4	5.5	7.1
09:00	2.6	4.2	3.0	4.4	1.4	2.0	7.6	8.2
10:00	3.9	6.3	4.2	6.5	1.9	2.9	9.2	11.2
11:00	3.9	7.2	4.4	7.5	1.9	3.4	11.2	13.3
12:00	4.1	7.1	4.6	7.2	2.1	3.2	12.1	12.4
13:00	1.5	2.3	2.7	6.3	1.2	2.9	13.5	21.3
14:00	.9	1.3	1.5	1.9	.7	.9	8.7	8.2
15:00	3.6	6.0	4.2	6.5	1.9	2.9	12.4	13.7
16:00	5.2	10.1	5.5	10.3	2.5	4.6	13.7	16.9
17:00	1.6	10.9	2.1	11.2	.9	5.0	13.7	19.9
18:00	.7	9.8	.9	9.9	.4	4.5	6.6	16.5
19:00	.2	4.8	.3	4.8	.1	2.2	3.0	8.5
20:00	.6	5.8	.6	5.8	.3	2.6	2.3	8.7
21:00	.3	5.7	.5	5.7	.2	2.6	2.1	8.9
22:00	.2	1.3	.5	1.8	.2	.8	2.5	6.0
23:00	.1	.8	.4	1.3	.2	.6	2.1	3.4
Avg	2.4	2.4	1.9	4.9	.9	2.2	6.6	9.9
Max	5.2	10.9	5.5	11.2	2.5	5.0	13.7	21.3
Hr. of Max	16	17	16	17	16	17	17	13
Min	.0	.3	.3	1.2	.1	.6	2.1	2.7
Count	24	24	24	24	24	24	24	24
Total								