Date Printed: 01/23/2017 11:42

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

Daily Summary Report

Site: Tower "K" (1208)

1/22/2017

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	10.6	11.8	51.1	53.3	1.2	10.1	50.1	97.7	9.4
01:00	10.1	11.8	50.2	53.2	1.7	9.6	49.3	97.8	9.2
02:00	10.1	11.4	50.1	52.5	1.3	9.6	49.2	97.8	9.1
03:00	10.7	11.3	51.3	52.4	.6	10.2	50.4	97.7	9.5
04:00	11.1	11.2	51.9	52.2	.2	10.5	50.9	97.5	9.7
05:00	10.9	11.0	51.7	51.8	.1	10.4	50.7	97.5	9.6
06:00	10.7	10.6	51.2	51.1	.0	10.1	50.2	97.7	9.5
07:00	10.7	10.6	51.3	51.1	-.1	10.2	50.4	97.9	9.5
08:00	11.1	11.0	52.0	51.8	-.1	10.6	51.1	98.0	9.8
09:00	11.6	11.6	52.9	52.9	.0	11.1	52.0	98.1	10.1
10:00	12.5	12.4	54.5	54.3	-.1	12.0 -	53.6 -	98.2	10.7 -
11:00	14.4	14.0	58.0	57.1	-.5	11.3	52.3	83.0	10.1
12:00	16.4	15.9	61.6	60.6	-.5	12.2	53.9	77.3	10.7
13:00	17.3	16.8	63.2	62.3	-.5	11.5	52.7	69.8	10.2
14:00	17.6	17.1	63.7	62.8	-.5	10.7	51.3	65.2	9.7
15:00	17.5	17.1	63.5	62.7	-.4	11.8	53.3	70.6	10.4
16:00	17.0	16.7	62.6	62.1	-.2	12.2	53.9	74.7	10.6
17:00	16.2	16.2	61.2	61.1	-.1	12.7	54.9	81.0	11.0
18:00	15.3	15.1	59.5	59.3	-.2	13.4	56.1	89.9	11.6
19:00	14.0	14.0	57.2	57.2	.0	13.4	56.1	97.7	11.6
20:00	13.8	13.7	56.8	56.6	-.1	13.2	55.8	97.9	11.5
21:00	13.2	13.1	55.8	55.5	-.2	12.7	54.8	97.7	11.1
22:00	13.3	13.1	55.9	55.6	-.2	12.7	54.9	98.0	11.1
23:00	13.0	12.8	55.3	55.1	-.1	12.4	54.3	98.0	10.9
Avg	13.3	13.3	55.9	56.0	.1	11.4	52.6	90.7	10.3
Max	17.6	17.1	63.7	62.8	1.7	13.4	56.1	98.2	11.6
Hr. of Max	14	15	14	14	01	19	19	10	19
Min	10.1	10.6	50.1	51.1	-.5	9.6	49.2	65.2	9.1
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/23/2017 11:42

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

Daily Summary Report

Site: Tower "K" (1208)

1/22/2017

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	0.008	0.0082	12.3	12.8	2466114.6	.0	.00	.00	-3.2
01:00	0.0078	0.0079	12.0	12.4	2467253.9	.0	.00	.00	-3.4
02:00	0.0078	0.0079	11.9	12.4	2467332.3	.0	.00	.00	-3.1
03:00	0.0081	0.0083	12.5	12.9	2465762.6	.0	.00	.00	-3.3
04:00	0.0083	0.0085	12.7	13.2	2464979.9	.0	.00	.00	-3.1
05:00	0.0082	0.0084	12.6	13.1	2465277.2	.5	.02	.02	-3.2
06:00	0.0081	0.0083	12.4	12.8	2465981.3	.8	.03	.03	-3.1
07:00	0.0081	0.0083	12.5	12.9	2465808.7	4.2	.17	.09	-2.7
08:00	0.0083	0.0085	12.8	13.2	2464897.2	2.8	.11	.09	6.1
09:00	0.0086	0.0088	13.2	13.7	2463733.5	.3	.01	.01	37.5
10:00	0.0092 -	0.0093 -	14.1 -	14.5	2461574.0	.0	.00	.00	127.7
11:00	0.0088	0.0106	13.4	16.5	2457016.4	.0	.00	.00	444.7
12:00	0.0093	0.0121	14.3	18.7	2452237.7	.0	.00	.00	211.5
13:00	0.0089	0.0128	13.7	19.8	2450081.7	.0	.00	.00	234.7
14:00	0.0085	0.013	13.0	20.2	2449498.4	.0	.00	.00	209.4
15:00	0.0091	0.0129	13.9	20.0	2449779.4	.0	.00	.00	91.6
16:00	0.0094	0.0126	14.3	19.4	2450952.5	.0	.00	.00	45.6
17:00	0.0097	0.012	14.7	18.5	2452735.8	.0	.00	.00	6.4
18:00	0.0101	0.0113	15.4	17.4	2454950.5	.3	.01	.01	-2.8
19:00	0.0102	0.0104	15.4	16.0	2457989.7	1.3	.05	.05	-2.8
20:00	0.01	0.0103	15.2	15.8	2458526.8	.0	.00	.00	-2.6
21:00	0.0097	0.0099	14.7	15.2	2459825.5	.8	.03	.03	-3.1
22:00	0.0097	0.0099	14.7	15.3	2459773.9	1.3	.05	.05	-2.6
23:00	0.0095	0.0097	14.4	15.0	2460519.0	3.8	.15	.06	-3.1
Avg	0.0089	0.01	13.6	15.5	2459691.8	.7	.03	.02	57.2
Max	0.0102	0.013	15.4	20.2	2467332.3	4.2	.17	.09	444.7
Hr. of Max	19	14	19	14	02	07	07	08	11
Min	0.0078	0.0079	11.9	12.4	2449498.4	.0	.00	.00	-3.4
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/23/2017 11:42

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

Daily Summary Report

Site: Tower "K" (1208)

1/22/2017

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	28.71	972.1	42	310	54	65	36	32
01:00	.00	28.68	971.3	45	73	51	73	37	7
02:00	.00	28.64	970.1	63	52	125	52	62	10
03:00	.00	28.63	969.7	59	59	68	59	39	11
04:00	.00	28.64	970.0	47	76	64	76	31	8
05:00	.00	28.62	969.1	60	70	63	70	19	5
06:00	.00	28.57	967.4	26	51	33	52	36	9
07:00	.00	28.55	966.9	53	53	59	54	45	8
08:00	.01	28.55	967.0	118	100	126	92	54	42
09:00	.05	28.56	967.3	58	89	79	95	40	30
10:00	.18	28.57 -	967.5 -	69	328	65	24	45	53
11:00	.64	28.55	966.7	302	293	282	281	49	30
12:00	.30	28.51	965.5	260	246	260	246	16	12
13:00	.34	28.46	963.6	255	249	256	248	18	12
14:00	.30	28.42	962.3	311	284	294	287	27	15
15:00	.13	28.41	962.3	28	330	24	27	22	27
16:00	.07	28.38	961.2	41	42	44	44	31	8
17:00	.01	28.36	960.3	45	55	52	55	33	9
18:00	.00	28.34	959.9	45	53	54	53	28	9
19:00	.00	28.31	958.9	52	58	59	57	45	10
20:00	.00	28.28	957.8	43	52	47	52	39	10
21:00	.00	28.25	956.7	36	52	40	52	49	10
22:00	.00	28.27	957.4	53	60	61	53	52	25
23:00	.00	28.28	957.6	71	66	75	55	60	50
Avg	.08	28.48	964.5	43	42	0	0	38	18
Max	.64	28.71	972.1	311	330	294	287	62	53
Hr. of Max	11	00	00	14	15	14	14	02	10
Min	.00	28.25	956.7	26	42	24	24	16	5
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 01/23/2017 11:42

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

Daily Summary Report

Site: Tower "K" (1208)

1/22/2017

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	1.1	1.6	1.3	2.4	.6	1.1	4.1	7.1
01:00	.8	5.3	1.1	5.3	.5	2.4	4.4	7.3
02:00	.5	6.1	1.1	6.3	.5	2.8	4.4	9.8
03:00	1.1	7.7	1.4	7.9	.6	3.6	5.5	13.7
04:00	1.2	5.2	1.3	5.3	.6	2.4	3.9	8.2
05:00	2.8	10.2	2.9	10.2	1.3	4.6	8.7	15.8
06:00	1.6	10.3	1.9	10.4	.9	4.7	8.0	16.5
07:00	2.1	11.6	2.6	11.6	1.2	5.2	11.2	19.5
08:00	1.7	5.9	4.8	10.8	2.2	4.9	19.2	21.8
09:00	2.0	4.6	2.4	5.1	1.1	2.3	7.8	11.7
10:00	.6	.5	1.0	.7	.5	.3	3.7	3.9
11:00	1.4	2.1	2.0	2.9	.9	1.3	7.6	9.4
12:00	5.2	7.3	5.4	7.4	2.4	3.3	11.4	14.0
13:00	7.0	9.8	7.5	10.1	3.3	4.5	15.1	19.5
14:00	2.1	4.3	2.4	4.4	1.1	2.0	9.8	10.8
15:00	.5	1.9	.6	2.4	.2	1.1	3.2	8.2
16:00	1.2	8.6	1.5	8.8	.7	4.0	5.7	13.3
17:00	1.8	11.7	2.3	12.0	1.0	5.4	14.0	19.2
18:00	2.5	12.1	2.9	12.4	1.3	5.5	9.6	18.1
19:00	2.4	14.0	3.1	14.2	1.4	6.4	10.3	24.7
20:00	2.5	14.9	3.1	15.1	1.4	6.8	17.9	27.2
21:00	2.8	19.5	3.8	19.8	1.7	8.9	16.3	35.3
22:00	.7	8.7	4.1	12.2	1.8	5.5	15.3	36.6
23:00	1.2	7.9	2.6	9.7	1.2	4.4	8.9	29.1
Avg	3.7	3.7	2.6	8.6	1.2	3.9	9.4	16.7
Max	7.0	19.5	7.5	19.8	3.3	8.9	19.2	36.6
Hr. of Max	13	21	13	21	13	21	08	22
Min	.5	.5	.6	.7	.2	.3	3.2	3.9
Count	24	24	24	24	24	24	24	24
Total								