Date Printed: 10/24/2016 10:04

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

Daily Summary Report

Site: Tower "K" (1208)

10/21/2016

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	18.5	18.6	65.3	65.5	.1	17.8	64.0	97.7	15.2
01:00	18.6	18.5	65.5	65.2	-.2	17.8	64.0	96.7	15.1
02:00	17.3	16.9	63.1	62.5	-.4	14.6	58.4	86.1	12.5
03:00	14.8	14.5	58.6	58.0	-.3	14.0	57.1	96.5	12.0
04:00	13.7	13.3	56.7	56.0	-.4	12.7	54.9	95.3	11.1
05:00	13.5	13.1	56.3	55.6	-.4	11.3	52.4	87.8	10.2
06:00	13.1	12.7	55.6	54.9	-.4	10.4	50.7	84.4	9.5
07:00	12.8	12.4	55.1	54.4	-.4	10.4	50.7	86.1	9.6
08:00	13.0	12.6	55.4	54.7	-.4	9.9	49.8	82.6	9.3
09:00	13.1	12.7	55.6	54.8	-.4	9.4	48.9	79.2	8.9
10:00	<	<	<	<	<	<	<	<	
11:00	<	<	<	<	<	<	<	<	<
12:00	14.0	13.3	57.1	56.0	-.6	7.7	45.9	67.0	8.0
13:00	14.6	13.8	58.2	56.9	-.7	7.2	44.9	62.2	7.7
14:00	15.6	14.8	60.0	58.6	-.8	5.6	42.0	52.2	6.9
15:00	16.1	15.2	61.0	59.4	-.8	3.3	37.9	43.2	5.9
16:00	16.2	15.2	61.2	59.3	-1.1	1.9	35.5	38.8	
17:00	15.9	14.9	60.6	58.8	-1.0	1.4	34.6	38.3	
18:00	14.8	14.3	58.7	57.7	-.5	3.3	37.9	46.8	
19:00	13.4	13.1	56.1	55.6	-.3	5.5	42.0	59.6	
20:00	12.6	12.5	54.7	54.6	-.1	5.8	42.5	64.1	
21:00	12.4	12.1	54.3	53.8	-.2	5.5	41.9	63.6	
22:00	12.2	12.0	53.9	53.7	-.2	5.1	41.1	62.6	
23:00	11.5	11.6	52.7	52.9	.1	4.2	39.6	61.6	
Avg	14.4	14.0	58.0	57.2	-.4	8.4	47.1	70.6	10.1
Max	18.6	18.6	65.5	65.5	.1	17.8	64.0	97.7	15.2
Hr. of Max	01	00	01	00	23	01	01	00	00
Min	11.5	11.6	52.7	52.9	-1.1	1.4	34.6	38.3	5.9
Count	22	22	22	22	22	22	22	22	14
Total									

Date Printed: 10/24/2016 10:04

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

Daily Summary Report

Site: Tower "K" (1208)

10/21/2016

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	0.0132	0.0136	20.4	21.4	2447328.7	.0	.00	.00	-2.4
01:00	0.0132	0.0137	20.4	21.5	2447043.4	.0	.00	.00	-3.1
02:00	0.0108	0.0126	16.7	19.8	2450253.8	.3	.01	.01	-3.1
03:00	0.0103	0.0107	16.0	16.8	2456188.1	1.3	.05	.05	-3.1
04:00	0.0095	0.01	14.7	15.7	2458731.5	.3	.01	.01	-3.1
05:00	0.0086	0.0098	13.4	15.5	2459169.0	.0	.00	.00	-3.1
06:00	0.0081	0.0096	12.6	15.1	2460091.6	.0	.00	.00	-3.3
07:00	0.0081	0.0094	12.6	14.8	2460804.5	.0	.00	.00	-2.7
08:00	0.0078	0.0095	12.2	15.0	2460452.6	.0	.00	.00	8.5
09:00	0.0076	0.0095	11.8	15.1	2460187.5	.0	.00	.00	58.6
10:00	<	<	<	<	<	.0 P	.00 P	<	<
11:00	<	<	<	<	<	.0 P	.00 P	<	<
12:00	0.0068	0.0101	10.6	16.0	2458143.8	.0	.00	.00	176.3
13:00	0.0065	0.0105	10.2	16.6	2456692.8	.0	.00	.00	275.0
14:00	0.0058	0.0112	9.1	17.7	2454347.8	.0	.00	.00	262.9
15:00	0.005	0.0116	7.8	18.3	2453077.8	.0	.00	.00	356.5
16:00	0.0045	0.0117	7.1	18.5	2452719.3	.0	.00	.00	391.8
17:00	0.0044	0.0114	6.9	18.1	2453569.5	.0	.00	.00	258.3
18:00	0.005	0.0107	7.8	16.9	2456028.3	.0	.00	.00	41.9
19:00	0.0058	0.0097	9.1	15.4	2459429.0	.0	.00	.00	-2.9
20:00	0.0059	0.0092	9.3	14.6	2461305.8	.0	.00	.00	-3.2
21:00	0.0058	0.0091	9.1	14.4	2461858.0	.0	.00	.00	-3.2
22:00	0.0056	0.009	8.8	14.2	2462335.5	.0	.00	.00	-3.4
23:00	0.0053	0.0086	8.3	13.6	2463938.0	.0	.00	.00	-3.3
Avg	0.0074	0.0105	11.6	16.6	2456986.2	.1	.00	.00	81.4
Max	0.0132	0.0137	20.4	21.5	2463938.0	1.3	.05	.05	391.8
Hr. of Max	01	01	01	01	23	03	03	03	16
Min	0.0044	0.0086	6.9	13.6	2447043.4	.0	.00	.00	-3.4
Count	22	22	22	22	22	24	24	22	22
Total									

Date Printed: 10/24/2016 10:04

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

Daily Summary Report

Site: Tower "K" (1208)

10/21/2016

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	28.91	979.1	178	240	191	240	29	13
01:00	.00	28.91	978.9	281	273	284	283	19	9
02:00	.00	28.92	979.5	308	297	301	297	27	11
03:00	.00	28.94	980.0	299	289	294	289	24	11
04:00	.00	28.96	980.7	304	295	300	295	25	11
05:00	.00	28.99	981.7	289	283	286	284	22	12
06:00	.00	29.02	982.6	294	288	290	289	23	11
07:00	.00	29.03	983.0	302	290	294	290	31	12
08:00	.01	29.04	983.4	313	298	303	302	43	18
09:00	.08	29.05	983.9	325	308	316	308	32	14
10:00	<	<	<	<	<	<	<	<	<
11:00	<	<	<	<	<	<	<	<	<
12:00	.25	29.07	984.4	316	306	309	306	27	11
13:00	.39	29.06	984.1	323	308	316	308	31	12
14:00	.38	29.05	983.6	322	314	310	313	38	21
15:00	.51	29.04	983.5	336	325	333	325	34	16
16:00	.56	29.04	983.5	308	301	300	300	30	17
17:00	.37	29.04	983.6	301	295	294	295	25	13
18:00	.06	29.05	983.9	312	300	308	301	25	10
19:00	.00	29.07	984.4	294	290	288	290	26	12
20:00	.00	29.08	984.8	313	303	308	306	21	11
21:00	.00	29.09	985.1	317	305	314	305	21	6
22:00	.00	29.09	985.3	356	336	349	333	32	22
23:00	.00	29.09	985.3	0	346	360	346	36	24
Avg	.12	29.02	982.9	311	300	0	0	28	14
Max	.56	29.09	985.3	356	346	360	346	43	24
Hr. of Max	16	23	23	22	23	23	23	08	23
Min	.00	28.91	978.9	0	240	191	240	19	6
Count	22	22	22	22	22	22	22	22	22
Total									

Date Printed: 10/24/2016 10:04

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

Daily Summary Report

Site: Tower "K" (1208)

10/21/2016

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	1.2	3.7	1.4	3.7	.6	1.7	3.4	6.2
01:00	3.7	11.0	4.2	11.8	1.9	5.3	21.5	35.0
02:00	5.9	19.7	6.6	20.0	2.9	9.0	28.4	30.9
03:00	6.7	17.2	7.2	17.4	3.2	7.8	20.4	30.7
04:00	5.3	16.5	5.8	16.7	2.6	7.5	18.5	30.9
05:00	6.7	14.0	7.2	14.2	3.2	6.4	18.1	27.2
06:00	6.4	14.1	6.8	14.3	3.0	6.4	18.8	25.6
07:00	4.0	10.7	4.4	10.8	2.0	4.9	16.5	22.7
08:00	2.2	8.6	2.6	8.9	1.2	4.0	11.9	19.2
09:00	2.3	10.0	2.7	10.3	1.2	4.6	10.3	22.9
10:00	<	<	<	<	<	<	<	<
11:00	<	<	<	<	<	<	<	<
12:00	3.2	12.1	3.6	12.3	1.6	5.5	13.3	21.8
13:00	2.7	12.5	3.1	12.8	1.4	5.7	12.1	22.0
14:00	2.8	11.6	3.4	12.4	1.5	5.6	17.2	23.6
15:00	2.5	15.3	3.0	15.9	1.3	7.1	14.7	29.3
16:00	5.1	15.9	5.7	16.4	2.5	7.4	19.9	28.6
17:00	6.1	16.1	6.7	16.4	3.0	7.4	19.0	27.5
18:00	4.0	15.1	4.4	15.2	2.0	6.8	15.6	26.8
19:00	4.0	9.5	4.4	9.7	2.0	4.3	13.5	19.0
20:00	2.1	7.3	2.4	7.4	1.1	3.3	8.0	14.7
21:00	2.9	11.4	3.1	11.4	1.4	5.1	10.8	18.5
22:00	1.4	9.2	1.7	10.4	.7	4.7	10.5	18.1
23:00	1.1	7.4	1.3	8.0	.6	3.6	6.6	17.4
Avg	8.5	8.5	4.2	12.5	1.9	5.6	15.0	23.6
Max	6.7	19.7	7.2	20.0	3.2	9.0	28.4	35.0
Hr. of Max	05	02	05	02	05	02	02	01
Min	1.1	3.7	1.3	3.7	.6	1.7	3.4	6.2
Count	22	22	22	22	22	22	22	22
Total								