Date Printed: 10/24/2016 10:03

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

Daily Summary Report

Site: Tower "K" (1208)

10/22/2016

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	10.7	11.0	51.2	51.7	.3	3.9	39.1	63.8	
01:00	10.0	10.6	50.1	51.0	.5	3.9	38.9	66.1	
02:00	9.7	10.1	49.5	50.2	.4	2.8	37.1	62.9	
03:00	9.2	9.5	48.6	49.1	.3	2.0	35.7	61.7	
04:00	8.4	9.5	47.1	49.0	1.1	2.7	36.8	67.8	
05:00	7.3	7.8	45.1	46.0	.5	3.5	38.2	77.3	
06:00	6.9	7.4	44.4	45.3	.5	3.7	38.7	81.2	
07:00	6.1	6.5	43.0	43.6	.4	4.2	39.5	88.2	
08:00	6.1	6.4	42.9	43.5	.3	4.0	39.1	87.0	
09:00	7.5	7.1	45.5	44.7	-.4	1.8	35.3	68.1	
10:00	9.8	9.4	49.6	49.0	-.4	1.2	34.2	55.9	
11:00	11.3	10.7	52.3	51.3	-.6	.9	33.6	49.7	
12:00	12.6	11.8	54.7	53.2	-.8	-.6	30.8	40.7	
13:00	14.0	12.9	57.1	55.2	-1.1	-1.4	29.4	35.2	
14:00	15.2	14.0	59.3	57.2	-1.2	-3.1	26.4	28.8	
15:00	15.9	14.8	60.6	58.6	-1.1	-3.8	25.2	26.2	
16:00	16.3	15.2	61.4	59.3	-1.1	-3.7	25.3	25.6	
17:00	16.1	15.4	61.0	59.8	-.7	-4.8	23.4	24.0	
18:00	15.0	14.7	59.0	58.5	-.3	-2.8	26.9	29.9	
19:00	13.9	13.8	57.0	56.8	-.1	.0	32.0	39.2	
20:00	12.3	13.5	54.2	56.4	1.2	.8	33.5	46.1	
21:00	9.9	11.6	49.8	52.9	1.7	3.0	37.3	62.7	
22:00	8.2	10.9	46.7	51.6	2.7	3.0	37.5	70.7	
23:00	7.1	9.4	44.8	49.0	2.3	3.2	37.7	76.6	
Avg	10.8	11.0	51.5	51.8	.2	1.0	33.8	55.6	
Max	16.3	15.4	61.4	59.8	2.7	4.2	39.5	88.2	
Hr. of Max	16	17	16	17	22	07	07	07	
Min	6.1	6.4	42.9	43.5	-1.2	-4.8	23.4	24.0	
Count	24	24	24	24	24	24	24	24	0
Total									

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	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	0.0052	0.0081	8.1	12.9	2465901.0	.0	.00	.00	-3.3
01:00	0.0051	0.0078	8.1	12.3	2467422.5	.0	.00	.00	-3.5
02:00	0.0048	0.0076	7.5	12.1	2468208.0	.0	.00	.00	-3.5
03:00	0.0045	0.0074	7.1	11.7	2469403.0	.0	.00	.00	-3.5
04:00	0.0047	0.007	7.4	11.1	2471284.5	.0	.00	.00	-3.5
05:00	0.005	0.0065	7.8	10.2	2473925.5	.0	.00	.00	-3.6
06:00	0.0051	0.0063	8.0	9.9	2474960.8	.0	.00	.00	-3.6
07:00	0.0052	0.0059	8.2	9.4	2476768.8	.0	.00	.00	-2.2
08:00	0.0052	0.0059	8.1	9.4	2476824.5	.0	.00	.00	39.6
09:00	0.0044	0.0065	7.0	10.4	2473510.8	.0	.00	.00	213.6
10:00	0.0043	0.0076	6.7	12.1	2467995.5	.0	.00	.00	362.2
11:00	0.0042	0.0084	6.6	13.4	2464469.3	.0	.00	.00	322.4
12:00	0.0037	0.0092	5.9	14.6	2461325.0	.0	.00	.00	501.6
13:00	0.0035	0.0101	5.6	16.0	2458133.5	.0	.00	.00	715.6
14:00	0.0031	0.0109	4.9	17.3	2455272.5	.0	.00	.00	667.4
15:00	0.003	0.0114	4.7	18.1	2453534.5	.0	.00	.00	565.3
16:00	0.003	0.0117	4.7	18.6	2452552.0	.0	.00	.00	409.5
17:00	0.0028	0.0115	4.4	18.3	2453079.5	.0	.00	.00	216.6
18:00	0.0032	0.0107	5.1	17.1	2455720.0	.0	.00	.00	38.9
19:00	0.0039	0.01	6.2	15.9	2458275.3	.0	.00	.00	-2.9
20:00	0.0041	0.0091	6.5	14.4	2461968.8	.0	.00	.00	-3.1
21:00	0.0048	0.0077	7.6	12.2	2467792.8	.0	.00	.00	-3.5
22:00	0.0048	0.0068	7.6	10.9	2471824.8	.0	.00	.00	-3.5
23:00	0.0049	0.0064	7.7	10.1	2474364.8	.0	.00	.00	-3.7
Avg	0.0043	0.0084	6.7	13.3	2465604.9	.0	.00	.00	167.1
Max	0.0052	0.0117	8.2	18.6	2476824.5	.0	.00	.00	715.6
Hr. of Max	08	16	07	16	08	23	23	23	13
Min	0.0028	0.0059	4.4	9.4	2452552.0	.0	.00	.00	-3.7
Count	24	24	24	24	24	24	24	24	24
Total									

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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	29.09	985.0	2	338	357	338	30	16
01:00	-.01	29.08	984.9	18	346	31	346	24	18
02:00	-.01	29.08	984.9	57	18	67	15	30	29
03:00	-.01	29.09	985.2	17	348	27	346	42	23
04:00	.00	29.10	985.4	356	344	338	346	24	23
05:00	-.01	29.12	986.0	333	295	317	295	29	7
06:00	-.01	29.13	986.6	328	272	174	272	67	6
07:00	.00	29.15	987.2	167	263	169	263	19	8
08:00	.06	29.16	987.6	163	248	170	248	46	6
09:00	.31	29.18	988.2	262	252	223	249	45	19
10:00	.52	29.19	988.5	283	279	272	281	49	21
11:00	.46	29.19	988.6	315	312	305	314	39	24
12:00	.72	29.19	988.5	337	328	325	325	34	21
13:00	1.03	29.16	987.7	320	319	307	320	37	27
14:00	.96	29.15	987.1	310	309	298	306	30	22
15:00	.81	29.14	986.8	309	305	296	302	35	17
16:00	.59	29.14	986.8	298	293	292	292	26	13
17:00	.31	29.14	986.9	322	309	313	309	31	12
18:00	.06	29.15	987.3	328	308	321	308	25	10
19:00	.00	29.18	988.1	3	298	320	301	56	22
20:00	.00	29.19	988.5	340	308	336	310	23	5
21:00	-.01	29.19	988.7	93	290	124	307	36	26
22:00	-.01	29.20	989.0	353	250	282	247	66	23
23:00	-.01	29.21	989.1	8	284	15	282	46	15
Avg	.24	29.15	987.2	338	303	0	0	37	17
Max	1.03	29.21	989.1	356	348	357	346	67	29
Hr. of Max	13	23	23	04	03	00	04	06	02
Min	-.01	29.08	984.9	2	18	15	15	19	5
Count	24	24	24	24	24	24	24	24	24
Total									

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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	1.0	7.3	1.2	7.5	.5	3.4	8.2	17.9
01:00	.6	5.8	.7	6.1	.3	2.7	7.1	13.1
02:00	1.5	3.7	1.7	4.5	.8	2.0	6.9	14.2
03:00	.7	4.1	1.2	4.9	.5	2.2	3.9	17.4
04:00	.9	5.4	1.2	6.0	.5	2.7	6.4	16.0
05:00	1.1	7.0	1.3	7.0	.6	3.1	5.5	13.1
06:00	.1	5.9	.3	5.9	.2	2.6	2.1	10.3
07:00	1.8	4.2	1.9	4.3	.8	1.9	3.2	6.9
08:00	1.4	3.7	1.5	3.7	.7	1.7	3.7	5.5
09:00	.5	2.1	.7	2.1	.3	1.0	2.7	5.0
10:00	1.3	2.2	1.9	2.4	.8	1.1	7.3	7.8
11:00	2.2	7.9	2.7	8.4	1.2	3.8	9.6	19.5
12:00	2.2	10.0	2.7	10.9	1.2	4.9	11.9	20.4
13:00	3.2	9.2	4.0	10.4	1.8	4.7	14.7	21.5
14:00	3.5	9.2	4.2	9.8	1.9	4.4	14.4	20.2
15:00	4.3	11.2	5.0	11.8	2.2	5.3	15.1	22.9
16:00	5.1	12.1	5.5	12.3	2.5	5.5	17.2	23.4
17:00	2.7	12.0	3.2	12.3	1.4	5.5	13.3	21.8
18:00	2.0	9.7	2.3	9.8	1.0	4.4	11.2	17.4
19:00	.3	3.2	.7	3.4	.3	1.5	6.0	9.8
20:00	1.1	6.8	1.2	6.8	.6	3.1	3.9	10.3
21:00	.7	2.0	1.2	2.1	.5	1.0	3.9	10.8
22:00	.1	1.7	.7	1.9	.3	.9	2.5	4.6
23:00	.1	2.6	.2	2.7	.1	1.2	1.8	5.3
Avg	3.0	3.0	2.0	6.5	.9	2.9	7.6	14.0
Max	5.1	12.1	5.5	12.3	2.5	5.5	17.2	23.4
Hr. of Max	16	16	16	17	16	17	16	16
Min	.1	1.7	.2	1.9	.1	.9	1.8	4.6
Count	24	24	24	24	24	24	24	24
Total								