Date Printed: 12/21/2014 07:48

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

Daily Summary Report

Site: Tower "K" (1208)

12/19/2014

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	DEGC	DEGC	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	3.0	3.1	37.5	37.7	.1	-.3	31.5	79.5	4.7
01:00	2.7	2.8	36.8	37.0	.1	-.3	31.4	81.1	4.7
02:00	1.2	2.5	34.2	36.4	1.2	-.6	30.9	88.2	4.6
03:00	.4	1.8	32.7	35.2	1.4	-.9	30.4	91.6	4.5
04:00	-.5	1.1	31.1	34.0	1.6	-1.0	30.2	97.1	4.5
05:00	-.6	1.1	30.9	33.9	1.7	-.8	30.5	99.2	4.6
06:00	-1.4	.6	29.6	33.1	1.9	-1.5	29.3	99.4	4.4
07:00	-1.9	.5	28.6	32.8	2.4	-2.0	28.3	99.5	4.2
08:00	-1.3 P	.0 P	29.7 P	32.1 P	1.3 P	P	P	92.3 P	4.1 P
09:00	1.0	1.1	33.7	34.0	.2	-4.1	24.6	69.4	3.6
10:00	3.1	2.6	37.7	36.7	-.5	-4.7	23.6	57.0	3.4
11:00	4.3	3.7	39.7	38.6	-.6	-5.0	23.1	51.5	3.3
12:00	5.6	4.9	42.0	40.8	-.7	-5.7	21.8	44.8	3.1
13:00	6.8	6.2	44.3	43.2	-.6	-6.5	20.2	38.6	2.9
14:00	8.1	7.2	46.5	45.0	-.8	-7.4	18.6	33.0	2.7
15:00	8.1	7.5	46.6	45.5	-.6	-6.3	20.7	35.8	3.0
16:00	7.5	7.1	45.5	44.8	-.4	-5.0	23.0	41.8	3.3
17:00	6.3	6.3	43.4	43.3	.0	-1.9	28.7	56.3	4.2
18:00	5.9	6.1	42.7	42.9	.1	-1.8	28.8	58.2	4.2
19:00	5.4	5.4	41.7	41.8	.0	-2.6	27.4	57.0	4.0
20:00	4.4	4.7	40.0	40.4	.2	-1.7	29.0	65.0	4.2
21:00	3.8	4.2	38.9	39.6	.4	-1.1	30.0	70.6	4.4
22:00	3.8	4.0	38.8	39.2	.2	-1.0	30.1	71.4	4.4
23:00	3.3	3.6	38.0	38.6	.3	-.9	30.3	74.2	4.5
Avg	3.3	3.7	37.9	38.6	.4	-2.7	27.1	68.9	4.0
Max	8.1	7.5	46.6	45.5	2.4	-.3	31.5	99.5	4.7
Hr. of Max	15	15	15	15	07	01	00	07	01
Min	-1.9	.0	28.6	32.1	-.8	-7.4	18.6	33.0	2.7
Count	24	24	24	24	24	23	23	24	24
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	0.0038	0.0048	6.0	7.6	2484071.0	.0	.00	.00	-3.6
01:00	0.0038	0.0047	6.0	7.4	2484905.7	.0	.00	.00	-3.6
02:00	0.0037	0.0042	5.9	6.7	2488297.6	.0	.00	.00	-3.6
03:00	0.0036	0.004	5.7	6.3	2490375.4	.0	.00	.00	-3.7
04:00	0.0036	0.0037	5.7	5.9	2492422.7	.0	.00	.00	-3.7
05:00	0.0036	0.0037	5.8	5.8	2492755.0	.0	.00	.00	-3.8
06:00	0.0035	0.0035	5.5	5.5	2494488.1	.0	.00	.00	-3.8
07:00	0.0033	0.0033	5.3	5.3	2495777.5	.0	.00	.00	-.2
08:00	0.0032 P	0.0035 P	5.1 P	5.6 P	2494285.9 P	.0 P	.00 P	<	115.6 P
09:00	0.0029	0.0041	4.5	6.6	2489003.1	.0	.00	.00	237.7
10:00	0.0027	0.0048	4.3	7.7	2483804.6	.0	.00	.00	307.8
11:00	0.0027	0.0052	4.3	8.3	2481066.8	.0	.00	.00	295.3
12:00	0.0026	0.0057	4.0	9.1	2478027.6	.0	.00	.00	283.4
13:00	0.0024	0.0062	3.8	9.9	2475076.6	.0	.00	.00	362.0
14:00	0.0022	0.0068	3.5	10.8	2472121.8	.0	.00	.00	237.9
15:00	0.0024	0.0068	3.9	10.8	2471944.2	.0	.00	.00	117.6
16:00	0.0027	0.0065	4.3	10.4	2473472.2	.0	.00	.00	41.5
17:00	0.0034	0.006	5.4	9.6	2476190.7	.0	.00	.00	1.5
18:00	0.0034	0.0059	5.4	9.3	2477188.8	.0	.00	.00	-3.4
19:00	0.0032	0.0057	5.1	9.0	2478430.4	.0	.00	.00	-3.4
20:00	0.0034	0.0053	5.4	8.4	2480737.6	.0	.00	.00	-3.5
21:00	0.0036	0.0051	5.6	8.0	2482197.5	.0	.00	.00	-3.5
22:00	0.0036	0.005	5.7	8.0	2482356.5	.0	.00	.00	-3.4
23:00	0.0036	0.0049	5.7	7.8	2483353.1	.0	.00	.00	-3.4
Avg	0.0032	0.005	5.1	7.9	2483431.3	.0	.00	.00	81.4
Max	0.0038	0.0068	6.0	10.8	2495777.5	.0	.00	.00	362.0
Hr. of Max	01	15	01	15	07	23	23	23	13
Min	0.0022	0.0033	3.5	5.3	2471944.2	.0	.00	.00	-3.8
Count	24	24	24	24	24	24	24	23	24
Total									

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	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	-.01	29.19	988.4	256	281	248	291	44	15
01:00	-.01	29.18	988.3	292	268	212	265	53	19
02:00	-.01	29.19	988.4	270	303	171	297	51	21
03:00	-.01	29.19	988.5	53	6	80	2	57	19
04:00	-.01	29.20	988.9	340	321	356	318	43	11
05:00	-.01	29.20	989.0	28	358	96	357	34	22
06:00	-.01	29.22	989.5	234	355	126	350	54	26
07:00	.00	29.22	989.6	108	348	123	349	55	22
08:00	.17 P	29.23 P	989.8 P	239 P	312 P	265 P	313 P	38 P	6 P
09:00	.34	29.23	989.9	270	12	140	12	62	25
10:00	.44	29.22	989.5	341	349	344	355	33	26
11:00	.42	29.20	989.0	314	326	305	325	35	27
12:00	.41	29.19	988.4	329	333	328	335	25	21
13:00	.52	29.16	987.5	327	336	326	335	33	28
14:00	.34	29.13	986.6	28	31	47	32	45	25
15:00	.17	29.14	986.9	11	33	18	31	76	28
16:00	.06	29.15	987.3	352	356	349	347	58	18
17:00	.00	29.16	987.6	7	339	9	338	33	15
18:00	.00	29.18	988.3	31	28	17	36	65	23
19:00	.00	29.20	988.7	60	52	61	52	36	8
20:00	-.01	29.17	988.0	45	43	34	43	62	6
21:00	-.01	29.17	988.0	291	26	278	34	67	25
22:00	.00	29.19	988.4	324	310	308	312	34	17
23:00	.00	29.19	988.5	229	329	184	328	45	18
Avg	.12	29.19	988.5	334	348	0	0	47	20
Max	.52	29.23	989.9	352	358	356	357	76	28
Hr. of Max	13	09	09	16	05	04	05	15	15
Min	-.01	29.13	986.6	7	6	9	2	25	6
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	.7	3.2	1.4	3.5	.6	1.6	4.4	8.7
01:00	.3	.8	.6	1.0	.3	.5	2.5	2.5
02:00	.2	2.1	1.0	2.2	.5	1.0	2.7	3.9
03:00	.4	1.4	1.2	1.5	.5	.7	3.2	3.0
04:00	.1	2.0	.6	2.0	.3	.9	2.7	3.9
05:00	.5	2.1	.9	2.3	.4	1.0	2.5	3.9
06:00	.2	1.8	1.0	2.0	.4	.9	3.0	3.7
07:00	.5	3.6	1.4	3.9	.6	1.8	3.0	6.2
08:00	.3 P	2.3 P	.6 P	2.2 P	.3 P	1.0 P	<	<
09:00	.0	2.4	.9	3.4	.4	1.6	4.4	6.9
10:00	1.4	2.8	1.6	3.1	.7	1.4	6.4	7.6
11:00	1.8	2.3	2.1	2.6	.9	1.2	6.0	5.7
12:00	2.0	4.2	2.2	4.4	1.0	2.0	5.7	8.5
13:00	1.9	3.4	2.3	3.8	1.0	1.7	5.7	7.3
14:00	1.3	3.6	2.2	4.4	1.0	2.0	7.1	11.2
15:00	.3	2.5	.7	2.8	.3	1.3	3.9	7.1
16:00	.6	3.2	.8	4.0	.4	1.8	4.8	8.5
17:00	.7	4.2	1.1	4.3	.5	1.9	2.7	6.6
18:00	.2	2.5	.7	2.6	.3	1.2	3.9	8.2
19:00	1.2	6.4	1.4	6.5	.6	2.9	4.8	12.8
20:00	.5	8.2	.8	8.2	.4	3.7	4.1	13.5
21:00	.3	5.9	1.0	6.2	.4	2.8	3.9	13.5
22:00	.4	1.1	.7	1.2	.3	.5	2.7	2.7
23:00	.1	2.3	.7	2.5	.3	1.1	2.1	4.6
Avg	1.4	1.4	1.2	3.3	.5	1.5	4.0	7.0
Max	2.0	8.2	2.3	8.2	1.0	3.7	7.1	13.5
Hr. of Max	12	20	13	20	14	20	14	21
Min	.0	.8	.6	1.0	.3	.5	2.1	2.5
Count	24	24	24	24	24	24	23	23
Total								