Date Printed: 12/02/2014 09:58

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

Daily Summary Report

Site: Tower "K" (1208)

11/28/2014

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	-.6	-1.1	31.0	30.1	-.5	-5.2	22.6	71.1	3.3
01:00	-.9	-1.3	30.4	29.7	-.4	-5.4	22.2	71.6	3.2
02:00	-1.2	-1.6	29.9	29.2	-.4	-5.7	21.8	71.8	3.2
03:00	-1.7	-1.9	28.9	28.6	-.2	-6.0	21.1	72.6	3.1
04:00	-2.0	-2.2	28.4	28.0	-.2	-6.4	20.5	72.4	3.0
05:00	-2.2	-2.5	28.0	27.6	-.2	-6.3	20.6	73.9	3.0
06:00	-2.4	-2.7	27.6	27.2	-.2	-6.4	20.5	74.5	3.0
07:00	-2.7	-2.9	27.1	26.7	-.2	-6.6	20.1	74.7	3.0
08:00	-2.2	-2.4	28.1	27.7	-.2	-9.3	15.2	58.8	2.4
09:00	-1.0	-1.6	30.2	29.1	-.6	-9.0	15.9	55.3	2.5
10:00	.2	-.3	32.4	31.5	-.5	-11.1	12.0	42.7	2.1
11:00	1.6	.8	35.0	33.5	-.8	-9.9	14.1	42.3	2.3
12:00	3.3	2.2	38.0	36.0	-1.1	-10.5	13.1	36.1	2.2
13:00	4.5	3.3	40.1	38.0	-1.2	-11.5	11.4	30.7	2.0
14:00	5.5	4.4	41.9	39.8	-1.1	-12.4	9.7	26.7	1.9
15:00	6.0	4.9	42.9	40.8	-1.1	-11.9	10.6	26.8	1.9
16:00	6.2	5.1	43.1	41.3	-1.0	-11.5	11.3	27.3	2.0
17:00	5.1	4.9	41.3	40.8	-.3	-9.5	15.0	34.5	2.4
18:00	3.7	4.6	38.7	40.2	.9	-8.6	16.6	40.7	2.5
19:00	1.7	3.3	35.1	38.0	1.6	-5.6	21.9	58.7	3.2
20:00	.7	2.6	33.3	36.6	1.9	-5.3	22.5	64.9	3.3
21:00	-.5	1.7	31.2	35.1	2.2	-4.7	23.6	73.7	3.4
22:00	-.8	1.1	30.5	33.9	1.9	-4.8	23.3	74.9	3.4
23:00	-1.0 P	1.0 P	30.2 P	33.8 P	2.0 P	P	P	73.4 P	3.3 P
Avg	.8	.8	33.5	33.5	.0	-8.0	17.6	56.3	2.7
Max	6.2	5.1	43.1	41.3	2.2	-4.7	23.6	74.9	3.4
Hr. of Max	16	16	16	16	21	21	21	22	22
Min	-2.7	-2.9	27.1	26.7	-1.2	-12.4	9.7	26.7	1.9
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	0.0026	0.0037	4.1	5.9	2492631.2	.0	.00	.00	-3.6
01:00	0.0026	0.0036	4.1	5.7	2493347.5	.0	.00	.00	-3.6
02:00	0.0025	0.0035	4.0	5.6	2494079.1	.0	.00	.00	-3.7
03:00	0.0024	0.0034	3.9	5.4	2495295.5	.0	.00	.00	-3.7
04:00	0.0024	0.0033	3.8	5.3	2495999.0	.0	.00	.00	-3.7
05:00	0.0024	0.0032	3.8	5.2	2496592.5	.0	.00	.00	-3.8
06:00	0.0024	0.0032	3.8	5.1	2497038.4	.0	.00	.00	-3.7
07:00	0.0023	0.0031	3.7	5.0	2497668.3	.0	.00	.00	10.3
08:00	0.0019	0.0033	3.0	5.2	2496377.5	.0	.00	.00	148.5
09:00	0.002	0.0035	3.1	5.7	2493631.5	.0	.00	.00	229.7
10:00	0.0017	0.0039	2.6	6.2	2490803.1	.0	.00	.00	445.0
11:00	0.0018	0.0043	2.9	6.9	2487368.7	.0	.00	.00	518.9
12:00	0.0018	0.0049	2.8	7.8	2483367.4	.0	.00	.00	542.9
13:00	0.0016	0.0053	2.6	8.4	2480547.9	.0	.00	.00	507.0
14:00	0.0015	0.0057	2.4	9.0	2478218.1	.0	.00	.00	415.7
15:00	0.0016	0.0059	2.5	9.4	2476945.5	.0	.00	.00	279.5
16:00	0.0016	0.0059	2.6	9.5	2476646.5	.0	.00	.00	114.9
17:00	0.0019	0.0055	3.0	8.8	2479049.2	.0	.00	.00	6.7
18:00	0.002	0.005	3.2	8.0	2482428.1	.0	.00	.00	-3.5
19:00	0.0025	0.0043	4.0	6.9	2487199.6	.0	.00	.00	-3.7
20:00	0.0026	0.004	4.1	6.4	2489613.6	.0	.00	.00	-3.8
21:00	0.0027	0.0037	4.3	5.9	2492348.2	.0	.00	.00	-3.7
22:00	0.0027	0.0036	4.3	5.7	2493273.3	.0	.00	.00	-3.8
23:00	0.0026 P	0.0036 P	4.1 P	5.7 P	2493696.8 P	.0 P	.00 P	<	-3.8 P
Avg	0.0022	0.0041	3.4	6.6	2489340.3	.0	.00	.00	132.1
Max	0.0027	0.0059	4.3	9.5	2497668.3	.0	.00	.00	542.9
Hr. of Max	22	16	22	16	07	23	23	22	12
Min	0.0015	0.0031	2.4	5.0	2476646.5	.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	29.41	996.1	313	300	310	300	22	9
01:00	-.01	29.41	995.8	312	298	309	298	19	8
02:00	-.01	29.41	996.1	320	305	317	304	20	8
03:00	-.01	29.41	996.0	334	316	337	317	37	12
04:00	-.01	29.41	996.1	307	314	305	315	28	10
05:00	-.01	29.41	996.1	302	323	304	323	45	16
06:00	-.01	29.42	996.4	309	306	310	307	39	11
07:00	.01	29.44	997.0	310	314	316	313	48	21
08:00	.21	29.44	997.0	273	335	280	347	45	50
09:00	.33	29.44	997.1	272	294	275	305	44	48
10:00	.64	29.43	996.5	244	229	246	228	34	29
11:00	.74	29.39	995.3	199	188	222	196	48	32
12:00	.78	29.35	994.0	203	185	202	184	51	49
13:00	.73	29.32	992.9	196	186	197	183	59	45
14:00	.60	29.29	991.8	180	164	192	168	77	64
15:00	.40	29.27	991.2	242	239	245	238	23	22
16:00	.16	29.26	990.9	211	203	213	205	26	20
17:00	.01	29.26	990.8	198	210	207	211	25	7
18:00	-.01	29.26	991.0	91	191	82	201	34	20
19:00	-.01	29.27	991.2	173	164	192	140	38	13
20:00	-.01	29.27	991.1	207	148	198	136	34	19
21:00	-.01	29.26	990.8	197	192	225	202	66	31
22:00	-.01	29.25	990.5	140	297	141	327	61	38
23:00	-.01 P	29.25 P	990.4 P	33 P	32 P	46 P	39 P	53 P	25 P
Avg	.19	29.35	993.8	249	253	0	0	41	25
Max	.78	29.44	997.1	334	335	337	347	77	64
Hr. of Max	12	09	09	03	08	03	08	14	14
Min	-.01	29.25	990.4	33	32	46	39	19	7
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	3.3	9.7	3.6	9.7	1.6	4.4	11.4	14.9
01:00	3.2	9.8	3.3	9.8	1.5	4.4	10.3	15.8
02:00	2.8	10.2	3.0	10.2	1.3	4.6	9.4	15.1
03:00	.9	5.3	1.0	5.3	.5	2.4	5.7	11.7
04:00	1.2	4.8	1.3	4.8	.6	2.2	4.4	8.7
05:00	.1	2.3	.5	2.4	.2	1.1	2.5	6.6
06:00	1.1	3.6	1.1	3.6	.5	1.6	3.7	7.3
07:00	.2	2.6	.8	2.8	.4	1.3	4.1	6.2
08:00	.2	.7	.8	.9	.4	.4	3.2	2.5
09:00	.8	.9	1.2	1.4	.6	.6	4.4	4.6
10:00	2.6	2.4	3.0	2.6	1.3	1.2	6.4	6.0
11:00	2.0	2.6	3.7	3.8	1.6	1.7	9.8	8.5
12:00	1.8	2.2	2.8	2.9	1.3	1.3	7.8	9.8
13:00	1.6	2.4	2.9	3.2	1.3	1.5	8.7	9.6
14:00	.7	1.3	2.6	2.7	1.2	1.2	7.6	7.3
15:00	3.2	3.5	3.8	3.9	1.7	1.8	8.5	8.2
16:00	2.7	3.9	3.2	4.4	1.4	2.0	8.2	8.5
17:00	1.4	3.7	1.5	3.7	.7	1.7	5.5	6.4
18:00	.6	.2	.9	.2	.4	.1	2.3	1.6
19:00	.5	.3	.8	.3	.4	.1	2.1	1.4
20:00	.4	.3	.5	.3	.2	.2	1.8	1.1
21:00	.4	.2	.7	.3	.3	.2	1.8	1.4
22:00	.4	.1	.7	.1	.3	.1	1.8	1.1
23:00	.2 P	.9 P	1.0 P	1.3 P	.4 P	.6 P	<	<
Avg	3.1	3.1	1.9	3.3	.8	1.5	5.7	7.1
Max	3.3	10.2	3.8	10.2	1.7	4.6	11.4	15.8
Hr. of Max	00	02	15	02	15	02	00	01
Min	.1	.1	.5	.1	.2	.1	1.8	1.1
Count	24	24	24	24	24	24	23	23
Total								