Date Printed: 02/25/2015 11:15

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

Daily Summary Report

Site: Tower "K" (1208)

2/24/2015

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	-2.3	-2.7	27.9	27.1	-.5	-11.1	12.1	51.4	2.1
01:00	-2.4	-2.9	27.7	26.8	-.5	-10.9	12.4	52.4	2.1
02:00	-2.9	-3.5	26.7	25.8	-.5	-9.8	14.4	59.8	2.3
03:00	-4.2	-4.8	24.5	23.4	-.6	-7.0	19.4	80.9	2.9
04:00	-4.7	-5.2	23.6	22.6	-.6	-6.0	21.2	90.9	3.2
05:00	-5.5	-6.0	22.1	21.2	-.5	-6.4	20.4	93.4	3.1
06:00	-5.7	-6.2	21.8	20.9	-.5	-6.4	20.5	94.9	3.1
07:00	-5.6	-6.1	21.8	21.0	-.5	-6.4	20.6	95.1	3.1
08:00	-5.3	-5.8	22.4	21.5	-.5	-6.3	20.7	93.4	3.1
09:00	-4.9	-5.4	23.2	22.3	-.5	-6.4	20.5	89.4	3.1
10:00	-4.4	-4.9	24.2	23.3	-.5	-6.9	19.6	82.9	2.9
11:00	-3.6	-4.1	25.6	24.6	-.6	-7.1	19.3	77.1	2.9
12:00	-2.7	-3.1	27.2	26.5	-.4	-7.0	19.3	72.4	2.9
13:00	-1.5	-2.1	29.3	28.2	-.6	-6.1	21.0	71.2	3.1
14:00	-.6	-1.3	31.0	29.7	-.7	-5.0	22.9	72.1	3.3
15:00	.3	-.4	32.5	31.4	-.6	-4.8	23.4	69.2	3.4
16:00	1.0	.3	33.7	32.5	-.7	-4.1	24.7	69.5	3.6
17:00	1.4	.8	34.5	33.5	-.6	-4.2	24.4	66.8	3.5
18:00	1.0	.7	33.8	33.3	-.3	-3.6	25.4	71.5	3.7
19:00	-.1	.3	31.9	32.6	.4	-3.0	26.6	80.9	3.9
20:00	-.8	-.2	30.5	31.7	.7	-2.6	27.3	88.2	4.0
21:00	-1.7	-.5	29.0	31.0	1.1	-2.4	27.7	95.3	4.1
22:00	-2.4	-.9	27.7	30.4	1.5	-2.8	27.0	97.6	4.0
23:00	-3.5	-1.2	25.7	29.9	2.3	-3.7	25.4	99.3	3.7
Avg	-2.5	-2.7	27.4	27.1	-.2	-5.8	21.5	79.8	3.2
Max	1.4	.8	34.5	33.5	2.3	-2.4	27.7	99.3	4.1
Hr. of Max	17	17	17	17	23	21	21	23	21
Min	-5.7	-6.2	21.8	20.9	-.7	-11.1	12.1	51.4	2.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	0.0017	0.0032	2.6	5.2	2496669.5	.0	.00	.00	-4.0
01:00	0.0017	0.0032	2.7	5.1	2496918.2	.0	.00	.00	-3.9
02:00	0.0018	0.0031	2.9	4.9	2498199.6	.1	.00	.00	-4.0
03:00	0.0023	0.0028	3.6	4.5	2501120.4	.8	.03	.03	-4.0
04:00	0.0025	0.0027	3.9	4.3	2502386.9	.8	.03	.06	-4.0
05:00	0.0024	0.0026	3.8	4.1	2504267.2	1.0	.04	.10	-4.0
06:00	0.0024	0.0025	3.8	4.0	2504756.4	.5	.02	.12	-4.1
07:00	0.0024	0.0025	3.8	4.0	2504660.3	.5	.02	.14	-2.2
08:00	0.0024	0.0026	3.8	4.1	2503893.4	.1	.00	.14	5.0
09:00	0.0024	0.0027	3.8	4.2	2502837.5	.1	.01	.15	22.1
10:00	0.0023	0.0028	3.6	4.4	2501608.4	.0	.00	.15	47.7
11:00	0.0023	0.003	3.6	4.7	2499727.7	.0	.00	.15	83.9
12:00	0.0023	0.0032	3.6	5.0	2497647.3	.0	.00	.15	113.7
13:00	0.0025	0.0035	3.9	5.5	2494809.4	.0	.00	.15	146.3
14:00	0.0027	0.0037	4.2	5.9	2492593.2	.1	.00	.15	153.5
15:00	0.0027	0.004	4.3	6.2	2490579.9	.1	.00	.15	188.8
16:00	0.0029	0.0042	4.5	6.6	2488970.3	.0	.00	.15	139.0
17:00	0.0029	0.0043	4.5	6.8	2487961.0	.0	.00	.15	63.0
18:00	0.003	0.0042	4.7	6.6	2488843.0	.0	.00	.15	4.2
19:00	0.0031	0.0039	4.9	6.1	2491402.5	.0	.00	.15	-3.9
20:00	0.0032	0.0036	5.0	5.7	2493280.2	.0	.00	.15	-4.0
21:00	0.0033	0.0034	5.1	5.4	2495241.8	.0	.00	.15	-4.0
22:00	0.0032	0.0033	5.0	5.1	2496880.0	.0	.00	.15	-4.1
23:00	0.003	0.003	4.7	4.7	2499578.0	.0	.00	.15	-4.0
Avg	0.0026	0.0033	4.0	5.1	2497284.7	.2	.01	.12	38.2
Max	0.0033	0.0043	5.1	6.8	2504756.4	1.0	.04	.15	188.8
Hr. of Max	21	17	21	17	06	05	05	23	15
Min	0.0017	0.0025	2.6	4.0	2487961.0	.0	.00	.00	-4.1
Count	24	24	24	24	24	24	24	24	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	29.25	990.5	37	44	37	44	51	13
01:00	-.01	29.24	990.2	33	47	35	47	59	13
02:00	-.01	29.24	990.2	33	43	31	43	46	12
03:00	-.01	29.23	989.9	46	49	48	50	46	14
04:00	-.01	29.22	989.6	15	27	27	24	37	16
05:00	-.01	29.22	989.4	310	314	304	314	23	8
06:00	-.01	29.20	989.0	312	328	302	326	33	18
07:00	.00	29.19	988.5	262	280	262	285	31	36
08:00	.01	29.18	988.3	264	275	262	281	24	17
09:00	.03	29.17	987.8	269	278	271	280	23	18
10:00	.07	29.15	987.1	240	234	244	233	30	23
11:00	.12	29.12	986.1	233	229	235	228	26	21
12:00	.16	29.10	985.4	258	254	260	254	18	15
13:00	.21	29.06	984.0	224	229	227	229	24	14
14:00	.22	29.02	982.8	203	211	203	211	21	14
15:00	.27	29.00	982.3	212	216	209	216	23	18
16:00	.20	28.99	981.6	202	206	200	206	21	15
17:00	.09	28.97	981.2	217	222	217	222	18	11
18:00	.01	28.97	981.1	195	204	195	204	15	7
19:00	-.01	28.98	981.4	217	210	217	209	14	5
20:00	-.01	28.99	981.7	230	227	224	227	23	4
21:00	-.01	29.00	982.1	243	246	235	246	33	4
22:00	-.01	29.01	982.4	222	278	238	278	46	5
23:00	-.01	29.01	982.5	273	295	270	295	35	4
Avg	.05	29.10	985.6	251	259	0	0	30	14
Max	.27	29.25	990.5	312	328	304	326	59	36
Hr. of Max	15	00	00	06	06	05	06	01	07
Min	-.01	28.97	981.1	15	27	27	24	14	4
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	1.4	8.1	1.8	8.2	.8	3.7	8.7	14.2
01:00	1.1	7.2	1.6	7.3	.7	3.3	7.3	13.1
02:00	1.5	7.7	1.9	7.8	.9	3.5	7.6	13.3
03:00	1.2	5.1	1.6	5.2	.7	2.4	7.3	9.8
04:00	.7	2.9	1.1	3.4	.5	1.5	4.4	6.4
05:00	1.2	3.4	1.3	3.4	.6	1.6	3.7	6.0
06:00	.6	1.5	.8	1.6	.3	.7	2.7	3.9
07:00	.8	.7	1.0	1.0	.4	.4	2.3	3.4
08:00	1.3	1.4	1.5	1.6	.7	.7	3.7	3.4
09:00	1.5	1.8	1.7	2.0	.8	.9	3.7	4.4
10:00	1.1	1.2	1.3	1.2	.6	.6	3.4	3.2
11:00	1.9	2.3	2.2	2.4	1.0	1.1	5.0	6.4
12:00	3.5	4.1	3.7	4.2	1.6	1.9	8.0	8.9
13:00	3.6	5.0	4.2	5.3	1.9	2.4	8.2	9.2
14:00	3.5	5.0	3.8	5.1	1.7	2.3	8.9	8.5
15:00	3.0	4.1	3.4	4.2	1.5	1.9	6.9	7.8
16:00	3.6	5.9	3.9	6.0	1.7	2.7	7.8	9.6
17:00	3.8	6.7	4.0	6.8	1.8	3.1	8.9	11.0
18:00	3.5	7.0	3.6	7.0	1.6	3.1	9.2	10.3
19:00	1.8	7.0	1.9	7.0	.9	3.1	4.1	9.6
20:00	1.5	6.6	1.5	6.5	.7	2.9	2.7	8.5
21:00	.5	6.9	.7	6.9	.3	3.1	2.5	9.2
22:00	.4	5.0	.5	5.1	.2	2.3	2.1	7.3
23:00	.4	5.7	.5	5.6	.2	2.5	1.8	8.0
Avg	2.4	2.4	2.1	4.7	.9	2.2	5.5	8.1
Max	3.8	8.1	4.2	8.2	1.9	3.7	9.2	14.2
Hr. of Max	17	00	13	00	13	00	18	00
Min	.4	.7	.5	1.0	.2	.4	1.8	3.2
Count	24	24	24	24	24	24	24	24
Total								