Date Printed: 02/26/2015 07:14

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

Daily Summary Report

Site: Tower "K" (1208)

2/25/2015

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	-4.0	-2.4	24.8	27.6	1.6	-4.2	24.5	99.3	3.6
01:00	-4.5	-3.1	23.9	26.5	1.4	-4.7	23.6	98.9	3.5
02:00	-4.2	-1.8	24.5	28.7	2.4	-4.6	23.7	97.4	3.5
03:00	-5.5	-1.9	22.2	28.6	3.6	-5.9	21.3	96.9	3.2
04:00	-5.2	-2.8	22.6	27.0	2.4	-5.7	21.8	96.9	3.2
05:00	-6.3	-3.6	20.6	25.5	2.7	-6.9	19.5	95.9	3.0
06:00	-7.2	-4.9	19.1	23.2	2.3	-7.8	17.9	95.4	2.8
07:00	-7.2	-5.1	19.1	22.9	2.1	-7.8	18.0	96.0	2.8
08:00	-6.2	-4.3	20.8	24.2	1.9	-6.6	20.2	97.9	3.0
09:00	-3.4	-3.2	25.8	26.2	.2	-5.7	21.7	85.7	3.2
10:00	-.3	-1.0	31.4	30.3	-.6	-8.8	16.2	54.0	2.5
11:00	1.5	.5	34.6	32.9	-1.0	-10.6	12.8	40.5	2.2
12:00	1.7	.9	35.1	33.6	-.8	-9.3	15.3	44.2	2.4
13:00	2.2	1.3	35.9	34.4	-.9	-9.0	15.8	43.9	2.5
14:00	2.2	1.5	35.9	34.6	-.7	-8.0	17.5	47.2	2.6
15:00	2.0	1.4	35.6	34.6	-.6	-7.6	18.4	49.5	2.7
16:00	1.8	1.3	35.3	34.4	-.5	-7.1	19.3	52.1	2.9
17:00	1.7	1.2	35.0	34.2	-.4	-6.6	20.2	54.7	3.0
18:00	1.3	.9	34.3	33.7	-.4	-6.0	21.2	58.8	3.1
19:00	1.0	.6	33.7	33.2	-.3	-5.2	22.7	64.1	3.3
20:00	-.9	-1.3	30.4	29.7	-.4	-2.9	26.8	87.1	3.9
21:00	-1.3	-1.7	29.6	28.9	-.4	-1.7	29.0	98.2	4.3
22:00	-1.3	-1.6	29.7	29.1	-.3	-1.4	29.5	99.5	4.4
23:00	-1.2	-1.6	29.8	29.1	-.4	-1.4	29.5	99.5	4.4
Avg	-1.8	-1.3	28.7	29.7	.5	-6.1	21.1	77.2	3.2
Max	2.2	1.5	35.9	34.6	3.6	-1.4	29.5	99.5	4.4
Hr. of Max	14	14	14	15	03	23	23	23	23
Min	-7.2	-5.1	19.1	22.9	-1.0	-10.6	12.8	40.5	2.2
Count	24	24	24	24	24	24	24	24	24
Total									

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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	0.0029	0.0029	4.5	4.5	2500791.3	.0	.00	.00	-4.2
01:00	0.0027	0.0028	4.3	4.4	2501902.3	.0	.00	.00	-3.3
02:00	0.0028	0.0028	4.4	4.5	2501203.6	.0	.00	.00	-.5
03:00	0.0025	0.0026	3.9	4.1	2504244.2	.0	.00	.00	-4.1
04:00	0.0025	0.0026	4.0	4.1	2503650.4	.0	.00	.00	-4.2
05:00	0.0023	0.0024	3.6	3.8	2506267.5	.0	.00	.00	-4.1
06:00	0.0021	0.0023	3.4	3.6	2508325.4	.0	.00	.00	-4.1
07:00	0.0022	0.0023	3.4	3.6	2508298.2	.0	.00	.00	14.6
08:00	0.0024	0.0024	3.7	3.8	2506073.6	.0	.00	.00	86.6
09:00	0.0026	0.003	4.0	4.7	2499425.1	.0	.00	.00	215.4
10:00	0.002	0.0038	3.2	6.0	2492087.7	.0	.00	.00	301.8
11:00	0.0017	0.0043	2.7	6.8	2487800.9	.0	.00	.00	478.5
12:00	0.0019	0.0044	3.0	6.9	2487190.4	.0	.00	.00	287.2
13:00	0.002	0.0045	3.1	7.2	2486083.4	.0	.00	.00	296.4
14:00	0.0021	0.0046	3.4	7.1	2486100.2	.0	.00	.00	162.7
15:00	0.0022	0.0045	3.5	7.1	2486502.8	.0	.00	.00	63.1
16:00	0.0023	0.0044	3.6	7.0	2486889.9	.0	.00	.00	46.7
17:00	0.0024	0.0044	3.8	6.9	2487313.1	.0	.00	.00	17.3
18:00	0.0025	0.0043	3.9	6.7	2488246.1	.0	.00	.00	-1.6
19:00	0.0027	0.0042	4.2	6.5	2489003.5	.1	.00	.00	-3.9
20:00	0.0032	0.0036	4.9	5.7	2493418.2	.3	.01	.01	-3.9
21:00	0.0035	0.0035	5.4	5.5	2494435.3	2.0	.08	.09	-3.9
22:00	0.0035	0.0035	5.5	5.6	2494257.7	1.5	.06	.15	-3.9
23:00	0.0035	0.0036	5.5	5.6	2494181.9	1.5	.06	.21	-4.0
Avg	0.0025	0.0035	4.0	5.5	2495570.5	.2	.01	.02	80.2
Max	0.0035	0.0046	5.5	7.2	2508325.4	2.0	.08	.21	478.5
Hr. of Max	23	14	23	13	06	21	21	23	11
Min	0.0017	0.0023	2.7	3.6	2486083.4	.0	.00	.00	-4.2
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	29.02	982.7	168	287	159	288	51	10
01:00	.00	29.02	982.7	145	278	136	303	34	53
02:00	.00	29.03	983.0	137	207	135	222	56	40
03:00	-.01	29.03	983.1	214	262	223	262	64	9
04:00	-.01	29.02	982.7	135	339	125	319	59	15
05:00	-.01	29.00	982.2	142	2	140	47	30	18
06:00	-.01	29.03	983.1	190	333	194	335	57	48
07:00	.02	29.04	983.5	148	65	157	59	58	47
08:00	.12	29.03	983.2	72	38	80	39	51	10
09:00	.31	29.01	982.5	261	64	252	63	64	17
10:00	.43	29.00	982.2	54	56	73	62	55	22
11:00	.69	28.98	981.4	63	61	69	61	42	16
12:00	.41	28.95	980.6	79	70	82	69	29	15
13:00	.43	28.88	978.0	67	63	74	62	40	19
14:00	.23	28.85	976.9	76	68	78	69	38	19
15:00	.09	28.86	977.3	111	107	110	109	24	18
16:00	.07	28.85	977.1	96	93	94	94	22	14
17:00	.02	28.85	977.2	94	93	93	93	19	13
18:00	.00	28.81	975.7	95	71	110	69	52	41
19:00	-.01	28.83	976.4	63	36	64	49	48	22
20:00	-.01	28.82	976.0	29	37	37	36	42	15
21:00	-.01	28.80	975.4	11	39	12	40	57	15
22:00	-.01	28.82	976.1	266	314	261	320	57	28
23:00	-.01	28.84	976.6	196	213	201	216	19	9
Avg	.11	28.93	979.8	109	41	0	0	45	22
Max	.69	29.04	983.5	266	339	261	335	64	53
Hr. of Max	11	07	07	22	04	22	06	09	01
Min	-.01	28.80	975.4	11	2	12	36	19	9
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	.4	4.6	.6	4.6	.3	2.1	2.1	7.8
01:00	.6	1.9	.9	2.3	.4	1.1	3.2	6.9
02:00	.7	2.0	1.6	2.3	.7	1.1	3.4	7.1
03:00	.5	5.5	1.5	5.7	.7	2.6	3.7	10.8
04:00	.4	1.7	.6	1.9	.3	.9	2.1	6.4
05:00	.3	1.1	.7	1.1	.3	.5	2.3	3.7
06:00	.9	.8	1.3	1.3	.6	.6	3.7	3.7
07:00	.2	.8	1.0	1.1	.5	.5	2.5	3.0
08:00	.4	3.7	.9	3.7	.4	1.7	2.7	7.8
09:00	.2	3.8	1.1	3.9	.5	1.8	5.3	8.2
10:00	1.9	5.2	2.7	5.5	1.2	2.5	12.1	14.0
11:00	3.2	8.8	3.9	9.2	1.7	4.1	12.1	15.3
12:00	4.1	8.4	4.5	8.6	2.0	3.9	11.7	14.0
13:00	3.2	8.1	3.8	8.5	1.7	3.8	11.2	16.5
14:00	3.1	7.0	3.6	7.4	1.6	3.3	10.5	13.3
15:00	3.2	5.4	3.4	5.5	1.5	2.5	8.0	10.3
16:00	3.1	5.5	3.3	5.6	1.5	2.5	7.3	9.8
17:00	2.4	4.2	2.5	4.3	1.1	2.0	8.7	9.4
18:00	.4	3.5	1.4	4.1	.6	1.9	6.2	8.7
19:00	.3	.9	.9	1.4	.4	.7	6.0	4.6
20:00	.8	4.1	1.1	4.3	.5	1.9	3.9	8.0
21:00	.7	5.7	1.1	5.9	.5	2.7	4.8	11.9
22:00	1.4	.6	1.8	2.7	.8	1.3	4.8	8.0
23:00	1.5	2.9	1.7	2.9	.7	1.3	4.1	5.5
Avg	2.1	2.1	1.9	4.3	.9	2.0	5.9	8.9
Max	4.1	8.8	4.5	9.2	2.0	4.1	12.1	16.5
Hr. of Max	12	11	12	11	12	11	11	13
Min	.2	.6	.6	1.1	.3	.5	2.1	3.0
Count	24	24	24	24	24	24	24	24
Total								