Date Printed: 09/16/2014 12:34

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

Daily Summary Report

Site: Tower "K" (1208)

9/14/2014

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	17.0	16.9	62.6	62.5	-.1	14.5	58.0	86.5	12.3
01:00	17.1	17.0	62.8	62.5	-.1	14.4	57.9	85.6	12.3
02:00	16.4	16.6	61.6	61.9	.2	14.3	57.7	88.6	12.2
03:00	15.9	16.2	60.6	61.2	.3	14.3	57.8	91.9	12.3
04:00	15.7	16.0	60.2	60.7	.3	14.3	57.7	93.1	12.2
05:00	16.0	16.0	60.7	60.8	.0	14.1	57.4	90.1	12.1
06:00	16.1	16.0	61.1	60.8	-.2	14.0	57.2	88.7	12.0
07:00	16.3	16.1	61.3	60.9	-.2	13.9	57.1	87.6	12.0
08:00	16.6	16.1	61.9	61.0	-.5	13.6	56.5	83.9	11.7
09:00	17.5	16.7	63.6	62.1	-.8	13.1	55.5	76.4	11.3
10:00	18.6	17.6	65.4	63.7	-.9	12.6	54.6	69.3	10.9
11:00	19.4	18.4	66.8	65.2	-.9	12.2	54.0	64.5	10.6
12:00	20.5	19.5	68.8	67.2	-.9	12.4	54.3	61.0	10.7
13:00	21.1	20.3	70.0	68.6	-.8	13.2	55.7	61.7	11.2
14:00	21.9	21.0	71.4	69.7	-.9	13.5	56.4	60.4	11.5
15:00	23.2	21.7	73.7	71.1	-1.4	14.1	57.4	58.1	11.9
16:00	23.7	22.3	74.6	72.1	-1.4	15.2	59.3	60.4	12.7
17:00	24.3	23.1	75.8	73.5	-1.3	13.9	57.0	53.5	11.7
18:00	24.3	23.4	75.7	74.1	-.9	14.7	58.5	56.7	12.3
19:00	23.2	23.1	73.8	73.5	-.1	17.7	63.8	72.9	14.9
20:00	21.1	22.0	70.1	71.6	.8	19.4	66.9	92.0	16.6
21:00	19.9	21.2	67.9	70.1	1.2	19.6	67.3	100.3	16.9
22:00	19.3	20.1	66.7	68.2	.8	19.0	66.2	100.6	16.3
23:00	18.7	19.4	65.7	66.9	.6	18.5	65.3	100.7	15.9
Avg	19.3	19.0	66.8	66.2	-.3	14.9	58.7	78.5	12.7
Max	24.3	23.4	75.8	74.1	1.2	19.6	67.3	100.7	16.9
Hr. of Max	18	18	17	18	21	21	21	23	21
Min	15.7	16.0	60.2	60.7	-1.4	12.2	54.0	53.5	10.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	0.0106	0.0122	16.5	19.4	2450902.1	.0	.00	.00	-2.6
01:00	0.0105	0.0123	16.4	19.5	2450675.1	.0	.00	.00	-2.9
02:00	0.0105	0.0118	16.3	18.7	2452243.2	.0	.00	.00	-2.8
03:00	0.0105	0.0114	16.4	18.1	2453542.4	.0	.00	.00	-2.9
04:00	0.0105	0.0112	16.3	17.8	2454086.7	.0	.00	.00	-3.0
05:00	0.0103	0.0115	16.1	18.2	2453351.8	.0	.00	.00	-2.9
06:00	0.0103	0.0116	16.0	18.4	2452947.3	.0	.00	.00	-2.7
07:00	0.0102	0.0117	16.0	18.5	2452670.7	.0	.00	.00	18.1
08:00	0.01	0.0119	15.6	18.9	2451818.7	.0	.00	.00	69.9
09:00	0.0097	0.0126	15.1	20.1	2449605.8	.0	.00	.00	185.3
10:00	0.0093	0.0135	14.6	21.4	2447202.8	.0	.00	.00	256.8
11:00	0.0091	0.0142	14.3	22.5	2445305.9	.0	.00	.00	346.4
12:00	0.0093	0.0152	14.5	24.1	2442680.4	.0	.00	.00	375.3
13:00	0.0098	0.0158	15.3	25.1	2441149.2	.0	.00	.00	322.0
14:00	0.01	0.0166	15.6	26.3	2439353.5	.0	.00	.00	388.1
15:00	0.0104	0.0179	16.2	28.5	2436287.2	.0	.00	.00	497.7
16:00	0.0112	0.0185	17.4	29.3	2435109.3	.0	.00	.00	409.1
17:00	0.0103	0.0192	16.0	30.5	2433516.6	.0	.00	.00	369.7
18:00	0.0109	0.0192	16.9	30.4	2433657.6	.0	.00	.00	155.6
19:00	0.0131	0.018	20.3	28.5	2436169.2	.0	.00	.00	24.7
20:00	0.0146	0.0159	22.6	25.2	2441059.0	.0	.00	.00	-2.5
21:00	0.0148	0.0147	22.9	23.4	2443916.7	.0	.00	.00	-2.7
22:00	0.0142	0.0141	22.0	22.4	2445470.0	.0	.00	.00	-2.6
23:00	0.0138	0.0137	21.4	21.7	2446761.7	.0	.00	.00	-2.8
Avg	0.011	0.0144	17.1	22.8	2445395.1	.0	.00	.00	141.2
Max	0.0148	0.0192	22.9	30.5	2454086.7	.0	.00	.00	497.7
Hr. of Max	21	18	21	17	04	23	23	23	15
Min	0.0091	0.0112	14.3	17.8	2433516.6	.0	.00	.00	-3.0
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	.00	29.18	988.3	65	51	68	50	51	10
01:00	.00	29.17	988.0	58	48	59	48	56	10
02:00	.00	29.16	987.6	65	46	65	46	48	9
03:00	.00	29.15	987.2	90	49	84	48	45	8
04:00	.00	29.16	987.4	82	46	77	46	48	9
05:00	.00	29.16	987.4	73	50	73	49	64	10
06:00	.00	29.17	988.0	71	56	71	56	38	8
07:00	.03	29.19	988.5	85	53	80	54	48	10
08:00	.10	29.19	988.6	82	57	78	57	41	9
09:00	.27	29.20	988.9	71	52	65	51	49	13
10:00	.37	29.20	989.0	64	51	69	53	51	17
11:00	.50	29.20	988.8	40	39	53	39	56	32
12:00	.54	29.19	988.4	300	338	291	342	50	29
13:00	.46	29.18	988.1	298	324	294	323	57	43
14:00	.56	29.17	987.7	276	278	274	282	57	51
15:00	.71	29.14	986.9	206	199	206	201	47	41
16:00	.59	29.13	986.5	180	187	178	184	45	28
17:00	.53	29.12	986.2	240	236	244	234	50	34
18:00	.22	29.12	986.1	230	234	239	229	58	33
19:00	.04	29.12	986.1	98	124	94	116	35	13
20:00	.00	29.13	986.5	106	161	107	141	77	41
21:00	.00	29.15	987.1	62	14	118	8	40	34
22:00	.00	29.15	987.3	53	262	40	148	64	35
23:00	.00	29.16	987.5	23	332	22	340	60	24
Avg	.21	29.16	987.6	71	37	0	0	51	23
Max	.71	29.20	989.0	300	338	294	342	77	51
Hr. of Max	15	11	10	12	12	13	12	20	14
Min	.00	29.12	986.1	23	14	22	8	35	8
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	1.1	8.8	1.4	8.9	.6	4.0	5.5	14.4
01:00	1.2	9.6	1.7	9.7	.7	4.4	7.8	16.0
02:00	1.0	9.3	1.3	9.4	.6	4.2	6.2	15.1
03:00	1.1	8.8	1.4	8.9	.6	4.0	5.7	14.4
04:00	.7	7.9	.9	7.9	.4	3.6	5.3	14.2
05:00	.5	7.3	.8	7.4	.4	3.3	4.1	14.7
06:00	1.1	6.3	1.3	6.4	.6	2.9	6.0	9.8
07:00	1.1	6.1	1.2	6.2	.6	2.8	5.3	10.5
08:00	1.4	6.8	1.7	6.8	.7	3.1	5.3	10.5
09:00	1.3	6.4	1.7	6.5	.8	2.9	7.1	12.4
10:00	1.5	5.0	1.9	5.2	.9	2.4	6.4	10.3
11:00	.9	2.6	1.6	3.0	.7	1.3	5.7	7.8
12:00	1.2	2.7	1.6	3.1	.7	1.4	5.0	6.4
13:00	1.0	1.3	1.4	1.6	.6	.8	4.1	6.6
14:00	.8	.9	1.5	1.4	.7	.6	4.6	5.0
15:00	2.3	3.0	2.8	3.3	1.3	1.5	8.5	7.6
16:00	1.6	3.0	2.2	3.4	1.0	1.5	6.6	7.6
17:00	1.9	2.3	2.5	2.5	1.1	1.2	6.9	6.2
18:00	1.3	1.7	1.7	1.9	.8	.9	5.3	6.6
19:00	.7	.4	.8	.3	.4	.2	2.1	2.3
20:00	.4	.5	1.0	.8	.4	.4	3.2	3.0
21:00	.4	1.3	.9	1.9	.4	.9	3.2	3.9
22:00	.3	.1	.8	1.2	.4	.5	2.5	3.7
23:00	.3	1.6	.4	1.7	.2	.8	2.1	4.8
Avg	4.1	4.1	1.4	4.5	.7	2.1	5.2	8.9
Max	2.3	9.6	2.8	9.7	1.3	4.4	8.5	16.0
Hr. of Max	15	01	15	01	15	01	15	01
Min	.3	.1	.4	.3	.2	.2	2.1	2.3
Count	24	24	24	24	24	24	24	24
Total								