Date Printed: 09/08/2015 05:48

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

Daily Summary Report

Site: Tower "K" (1208)

9/7/2015

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	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	20.8	22.2	69.5	72.0	1.4	20.5	68.9	100.4	17.8
01:00	20.5	21.7	69.0	71.0	1.1	20.2	68.4	100.6	17.6
02:00	20.1	20.8	68.2	69.4	.7	19.8	67.7	100.6	17.1
03:00	19.7	20.3	67.4	68.5	.6	19.4	67.0	100.7	16.7
04:00	19.4	19.9	67.0	67.9	.5	19.2	66.5	100.7	16.5
05:00	18.7	19.7	65.7	67.5	1.0	18.5	65.3	100.7	15.8
06:00	18.8	19.6	65.9	67.3	.8	18.6	65.5	100.8	16.0
07:00	18.5	19.4	65.4	66.9	.8	18.3	65.0	100.8	15.7
08:00	19.4	19.6	66.9	67.2	.2	18.0	64.4	94.1	15.4
09:00	21.7	21.3	71.1	70.4	-.4	15.4	59.8	69.0	13.0
10:00	24.1	23.6	75.3	74.4	-.5	15.2	59.3	59.0	12.7
11:00	26.2	25.5	79.2	77.9	-.7	14.6	58.4	50.1	12.2
12:00	27.8	27.0	82.0	80.5	-.8	14.3	57.7	44.9	11.9
13:00	28.6	28.1	83.5	82.6	-.5	15.0	59.1	44.8	12.4
14:00	30.1	28.9	86.2	84.1	-1.2	13.6	56.5	37.6	11.3
15:00	30.1	29.3	86.2	84.8	-.8	13.5	56.3	37.5	11.2
16:00	30.6	29.7	87.0	85.5	-.8	12.9	55.2	35.1	10.8
17:00	28.5	28.6	83.3	83.4	.1	17.6	63.7	53.7	14.7
18:00	29.3	28.6	84.7	83.4	-.7	14.7	58.5	42.5	12.2
19:00	28.3	28.1	82.9	82.6	-.1	16.5	61.6	51.2	13.7
20:00	25.2	26.4	77.3	79.5	1.2	21.1	69.9	80.5	18.2
21:00	23.7	25.3	74.6	77.5	1.6	22.1	71.8	93.6	19.5
22:00	22.4	23.2	72.4	73.8	.8	21.7	71.1	98.4	19.1
23:00	21.8	22.4	71.2	72.4	.6	21.4	70.5	100.3	18.8
Avg	23.9	24.1	75.1	75.4	.2	17.6	63.7	74.9	15.0
Max	30.6	29.7	87.0	85.5	1.6	22.1	71.8	100.8	19.5
Hr. of Max	16	16	16	16	21	21	21	07	21
Min	18.5	19.4	65.4	66.9	-1.2	12.9	55.2	35.1	10.8
Count	24	24	24	24	24	24	24	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	0.0156	0.0155	24.2	24.7	2441803.7	.0	.00	.00	-2.7
01:00	0.0154	0.0153	23.8	24.2	2442503.1	.0	.00	.00	-2.6
02:00	0.015	0.0149	23.2	23.6	2443517.2	.0	.00	.00	-2.9
03:00	0.0146	0.0145	22.6	23.0	2444523.9	.0	.00	.00	-2.7
04:00	0.0143	0.0142	22.3	22.6	2445149.6	.0	.00	.00	-2.9
05:00	0.0137	0.0136	21.3	21.6	2446844.5	.0	.00	.00	-2.8
06:00	0.0138	0.0137	21.5	21.8	2446543.8	.0	.00	.00	-2.7
07:00	0.0136	0.0135	21.1	21.4	2447247.7	.0	.00	.00	24.5
08:00	0.0133	0.0142	20.7	22.5	2445277.4	.0	.00	.00	148.8
09:00	0.0113	0.0164	17.6	26.1	2439671.5	.0	.00	.00	366.3
10:00	0.0111	0.0189	17.4	30.0	2434145.3	.0	.00	.00	561.9
11:00	0.0108	0.0215	16.8	34.2	2428954.7	.0	.00	.00	704.2
12:00	0.0105	0.0235	16.5	37.4	2425378.2	.0	.00	.00	796.1
13:00	0.0111	0.0247	17.3	39.3	2423366.4	.0	.00	.00	671.4
14:00	0.0101	0.027	15.8	42.8	2419804.0	.0	.00	.00	850.7
15:00	0.0101	0.027	15.7	42.8	2419820.7	.0	.00	.00	607.0
16:00	0.0097	0.0277	15.2	44.0	2418738.4	.0	.00	.00	551.6
17:00	0.0132	0.0246	20.5	39.0	2423612.3	.0	.00	.00	163.7
18:00	0.011	0.0258	17.0	40.8	2421809.4	.0	.00	.00	196.6
19:00	0.0123	0.0244	19.1	38.6	2424161.0	.0	.00	.00	37.3
20:00	0.0163	0.0203	25.1	32.1	2431525.5	.0	.00	.00	-2.2
21:00	0.0173	0.0185	26.7	29.4	2435038.2	.0	.00	.00	-2.3
22:00	0.0169	0.0172	26.1	27.2	2437999.3	.0	.00	.00	-2.7
23:00	0.0166	0.0165	25.6	26.2	2439533.2	.0	.00	.00	-2.5
Avg	0.0132	0.0193	20.5	30.6	2434457.0	.0	.00	.00	235.5
Max	0.0173	0.0277	26.7	44.0	2447247.7	.0	.00	.00	850.7
Hr. of Max	21	16	21	16	07	23	23	23	14
Min	0.0097	0.0135	15.2	21.4	2418738.4	.0	.00	.00	-2.9
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	29.17	987.8	94	264	104	272	55	17
01:00	.00	29.17	987.7	58	325	107	326	50	13
02:00	.00	29.16	987.5	195	81	162	85	44	25
03:00	.00	29.15	987.3	229	185	235	175	22	14
04:00	.00	29.17	987.8	322	223	50	146	49	23
05:00	.00	29.18	988.2	18	41	60	9	49	18
06:00	.00	29.19	988.6	64	62	69	69	47	16
07:00	.04	29.21	989.1	77	55	84	53	66	14
08:00	.21	29.22	989.6	352	56	41	57	64	16
09:00	.53	29.23	989.8	296	53	350	46	67	43
10:00	.81	29.22	989.6	4	45	6	32	76	47
11:00	1.01	29.22	989.6	266	300	264	302	46	43
12:00	1.14	29.21	989.1	260	261	251	261	58	47
13:00	.96	29.19	988.5	299	323	299	315	58	39
14:00	1.22	29.16	987.6	81	66	90	64	64	50
15:00	.87	29.13	986.6	351	358	329	356	72	45
16:00	.79	29.11	985.7	2	2	12	7	67	40
17:00	.23	29.09	985.3	87	65	86	63	23	9
18:00	.28	29.09	985.2	91	98	93	102	21	13
19:00	.05	29.09	985.2	138	183	158	228	47	29
20:00	.00	29.10	985.5	144	315	122	348	58	26
21:00	.00	29.12	986.2	63	18	74	356	44	25
22:00	.00	29.13	986.5	222	243	212	242	33	28
23:00	.00	29.14	986.7	246	233	227	230	35	12
Avg	.34	29.16	987.5	28	14	0	0	51	27
Max	1.22	29.23	989.8	352	358	350	356	76	50
Hr. of Max	14	09	09	08	15	09	21	10	14
Min	.00	29.09	985.2	2	2	6	7	21	9
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	.5	1.4	1.0	1.6	.4	.7	2.5	3.9
01:00	.3	1.8	.5	1.9	.2	.9	2.3	3.7
02:00	.1	.4	.3	.7	.1	.3	2.1	2.3
03:00	.4	1.3	.6	1.6	.3	.7	2.1	3.0
04:00	.2	.7	.7	1.2	.3	.6	2.3	4.6
05:00	.5	1.7	1.0	1.9	.4	.9	4.1	6.4
06:00	.9	3.5	1.3	3.6	.6	1.6	3.9	8.7
07:00	.5	3.5	.9	3.7	.4	1.7	3.2	6.4
08:00	.5	4.6	1.0	4.7	.5	2.1	4.4	8.2
09:00	.2	1.3	.7	1.6	.3	.8	4.6	5.0
10:00	.4	1.2	1.2	1.8	.5	.8	4.4	5.0
11:00	1.9	2.2	2.3	2.8	1.0	1.3	7.1	8.9
12:00	1.7	2.1	2.5	3.3	1.1	1.5	9.6	8.7
13:00	1.1	3.2	2.0	4.2	.9	1.9	6.6	9.2
14:00	1.2	2.5	2.2	3.2	1.0	1.5	7.3	9.6
15:00	.6	4.1	1.5	4.9	.7	2.2	7.6	12.4
16:00	.5	3.9	1.8	4.7	.8	2.1	6.0	11.2
17:00	2.0	4.7	2.2	5.3	1.0	2.4	6.4	11.2
18:00	1.4	2.7	1.5	2.7	.7	1.2	4.6	5.7
19:00	.2	.7	.4	.9	.2	.4	1.6	2.7
20:00	.2	1.3	.6	1.4	.3	.6	3.0	4.1
21:00	.2	1.0	.9	1.1	.4	.5	2.3	3.0
22:00	1.1	.6	1.1	.7	.5	.3	2.7	2.7
23:00	.2	2.5	1.0	2.6	.4	1.2	3.0	4.8
Avg	1.3	1.3	1.2	2.5	.5	1.2	4.3	6.3
Max	2.0	4.7	2.5	5.3	1.1	2.4	9.6	12.4
Hr. of Max	17	17	12	17	12	17	12	15
Min	.1	.4	.3	.7	.1	.3	1.6	2.3
Count	24	24	24	24	24	24	24	24
Total								