Date Printed: 07/29/2015 11:25

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

Daily Summary Report

Site: Tower "K" (1208)

7/28/2015

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	24.7	25.0	76.5	77.0	.3	24.3	75.7	100.7	22.2
01:00	24.2	24.3	75.6	75.8	.1	23.8	74.9	100.7	21.6
02:00	23.5	23.8	74.3	74.8	.2	23.2	73.7	100.9	20.8
03:00	23.3	23.7	73.9	74.6	.4	22.9	73.2	100.8	20.5
04:00	23.1	23.4	73.6	74.1	.3	22.7	72.9	100.7	20.3
05:00	22.7	23.4	72.9	74.0	.6	22.4	72.3	100.8	19.9
06:00	22.5	23.0	72.4	73.4	.5	22.1	71.9	100.9	19.6
07:00	22.4	22.8	72.3	73.0	.4	22.1	71.7	100.7	19.5
08:00	23.5	23.3	74.3	73.9	-.2	20.4	68.8	85.8	17.7
09:00	25.9	25.3	78.6	77.6	-.6	18.7	65.7	66.6	15.8
10:00	27.6	26.9	81.7	80.5	-.7	18.9	66.0	60.6	15.8
11:00	29.1	27.8	84.5	82.0	-1.4	20.3	68.5	60.7	17.2
12:00	30.4	29.2	86.6	84.6	-1.1	20.9	69.6	58.9	17.8
13:00	31.3	30.2	88.3	86.4	-1.0	21.3	70.3	57.3	18.2
14:00	30.3	29.4	86.6	84.9	-1.0	22.3	72.2	64.6	19.4
15:00	29.8	29.0	85.6	84.2	-.7	19.0	66.3	55.4	16.1
16:00	30.2	28.8	86.3	83.8	-1.4	19.9	67.9	56.4	16.8
17:00	30.5	29.0	87.0	84.2	-1.5	19.6	67.4	53.8	16.5
18:00	28.7	27.6	83.7	81.7	-1.1	21.6	70.9	67.7	18.7
19:00	27.5	26.8	81.5	80.3	-.7	22.4	72.4	76.3	19.7
20:00	26.8	26.5	80.2	79.8	-.2	23.5	74.3	85.1	21.0
21:00	25.9	25.8	78.6	78.4	-.1	24.8	76.7	96.8	22.8
22:00	25.3	25.5	77.5	77.9	.2	24.8	76.6	100.3	22.7
23:00	24.6	24.6	76.3	76.3	.0	24.2	75.6	100.6	22.0
Avg	26.4	26.0	79.5	78.9	-.4	21.9	71.5	81.4	19.3
Max	31.3	30.2	88.3	86.4	.6	24.8	76.7	100.9	22.8
Hr. of Max	13	13	13	13	05	22	21	06	21
Min	22.4	22.8	72.3	73.0	-1.5	18.7	65.7	53.8	15.8
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	0.0199	0.0198	30.4	31.2	2432613.6	.0	.00	.00	-2.6
01:00	0.0194	0.0192	29.6	30.3	2433774.9	.0	.00	.00	-2.5
02:00	0.0186	0.0184	28.5	29.1	2435417.2	.0	.00	.00	-2.4
03:00	0.0183	0.0182	28.0	28.6	2436052.9	.0	.00	.00	-2.5
04:00	0.0181	0.018	27.7	28.3	2436443.0	.0	.00	.00	-2.4
05:00	0.0177	0.0176	27.1	27.7	2437317.8	.0	.00	.00	-2.7
06:00	0.0174	0.0173	26.7	27.3	2437953.4	.0	.00	.00	-.2
07:00	0.0173	0.0172	26.6	27.2	2438066.8	.0	.00	.00	31.6
08:00	0.0157	0.0184	24.2	29.0	2435490.2	.0	.00	.00	200.5
09:00	0.0141	0.0212	21.8	33.5	2429851.5	.0	.00	.00	445.5
10:00	0.0142	0.0235	22.0	37.1	2425683.8	.0	.00	.00	628.3
11:00	0.0156	0.0257	24.0	40.5	2422068.0	.0	.00	.00	723.2
12:00	0.0162	0.0275	24.9	43.5	2419200.6	.0	.00	.00	830.4
13:00	0.0166	0.029	25.5	45.8	2417062.6	.0	.00	.00	524.9
14:00	0.0178	0.0276	27.2	43.5	2419226.7	.0	.00	.00	515.9
15:00	0.0146	0.0267	22.4	42.1	2420630.6	.0	.00	.00	638.8
16:00	0.0153	0.0273	23.6	43.0	2419634.6	.0	.00	.00	647.8
17:00	0.015	0.0279	23.1	43.9	2418751.6	.0	.00	.00	527.5
18:00	0.017	0.0251	26.0	39.6	2423062.8	.0	.00	.00	236.0
19:00	0.0178	0.0234	27.3	36.8	2425969.5	.0	.00	.00	97.7
20:00	0.0191	0.0224	29.1	35.3	2427708.5	.0	.00	.00	12.3
21:00	0.0206	0.0213	31.4	33.5	2429739.5	.0	.00	.00	-2.1
22:00	0.0205	0.0204	31.3	32.3	2431316.7	.0	.00	.00	-2.2
23:00	0.0198	0.0197	30.3	31.1	2432800.4	.0	.00	.00	-2.5
Avg	0.0174	0.0222	26.6	35.0	2428576.6	.0	.00	.00	251.6
Max	0.0206	0.029	31.4	45.8	2438066.8	.0	.00	.00	830.4
Hr. of Max	21	13	21	13	07	23	23	23	12
Min	0.0141	0.0172	21.8	27.2	2417062.6	.0	.00	.00	-2.7
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	28.98	981.4	94	13	80	0	42	11
01:00	.00	28.96	980.8	67	13	72	355	38	11
02:00	.00	28.96	980.6	69	348	76	349	60	13
03:00	.00	28.95	980.5	64	341	60	0	36	16
04:00	.00	28.95	980.3	112	353	107	9	63	31
05:00	.00	28.95	980.4	46	311	46	46	52	27
06:00	.00	28.97	980.9	67	9	66	24	47	24
07:00	.05	28.98	981.4	37	11	53	18	50	13
08:00	.29	28.98	981.6	297	358	20	0	68	18
09:00	.64	28.99	981.8	48	127	51	129	60	37
10:00	.90	28.99	981.7	269	197	252	218	44	45
11:00	1.04	28.98	981.5	220	166	222	164	40	20
12:00	1.19	28.97	981.2	227	175	227	187	48	27
13:00	.75	28.96	980.8	228	170	229	158	37	21
14:00	.74	28.95	980.4	260	206	262	234	19	11
15:00	.92	28.94	980.1	268	234	265	234	49	31
16:00	.93	28.94	979.9	238	185	244	244	21	12
17:00	.76	28.92	979.5	229	181	229	196	24	14
18:00	.34	28.93	979.9	238	193	242	187	20	15
19:00	.14	28.92	979.4	232	190	228	188	28	18
20:00	.02	28.93	979.9	358	276	323	0	48	26
21:00	.00	28.95	980.5	245	237	246	0	41	14
22:00	.00	28.97	981.1	205	223	205	205	56	53
23:00	.00	28.97	981.0	41	206	49	49	56	20
Avg	.36	28.96	980.7	258	231	0	0	44	22
Max	1.19	28.99	981.8	358	358	323	355	68	53
Hr. of Max	12	10	09	20	08	20	01	08	22
Min	.00	28.92	979.4	37	9	20	0	19	11
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	.7	2.7	.8	3.0	.4	1.3	3.0	4.5
01:00	1.2	3.7	1.4	4.0	.6	1.8	5.0	7.0
02:00	.4	2.2	.6	2.5	.3	1.1	2.5	4.0
03:00	.7	1.4	.9	1.6	.4	.7	3.0	5.0
04:00	.5	1.4	1.3	1.7	.6	.7	4.1	5.5
05:00	.7	1.3	1.1	1.5	.5	.6	3.9	5.0
06:00	1.1	2.0	1.2	2.3	.5	1.1	3.4	4.5
07:00	.2	2.0	.4	2.3	.2	1.1	3.4	4.5
08:00	.1	1.6	.2	1.9	.1	.9	2.1	3.5
09:00	1.0	1.6	1.4	1.8	.6	.8	4.6	6.0
10:00	1.3	1.7	2.1	2.0	.9	.9	6.9	8.0
11:00	2.0	3.3	2.7	3.6	1.2	1.5	6.9	8.0
12:00	2.2	2.9	2.9	3.2	1.3	1.4	8.0	11.0
13:00	3.2	3.9	3.6	4.2	1.6	1.9	11.7	14.0
14:00	6.9	5.7	7.4	6.0	3.3	2.8	21.1	25.0
15:00	2.1	5.6	2.6	5.9	1.2	2.7	8.9	11.0
16:00	6.6	6.7	7.4	7.0	3.3	3.3	17.4	20.0
17:00	4.4	4.7	4.8	5.0	2.1	2.3	11.7	15.0
18:00	5.5	6.7	5.9	7.0	2.6	3.3	15.6	19.0
19:00	2.3	3.2	2.7	3.5	1.2	1.6	6.4	8.0
20:00	.4	1.2	1.1	1.4	.5	.6	4.4	6.5
21:00	.8	2.5	1.0	2.7	.5	1.2	4.1	6.0
22:00	.4	1.2	1.3	1.4	.6	.6	3.7	5.0
23:00	.0	1.2	.7	1.4	.3	.6	2.5	3.5
Avg	1.5	1.5	2.3	3.2	1.0	1.5	6.8	8.7
Max	6.9	6.7	7.4	7.0	3.3	3.3	21.1	25.0
Hr. of Max	14	18	16	18	16	18	14	14
Min	.0	1.2	.2	1.4	.1	.6	2.1	3.5
Count	24	24	24	24	24	24	24	24
Total								