Date Printed: 08/24/2016 01:20

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

Daily Summary Report

Site: Tower "L" (1209)

8/23/2016

Interval: 001h

	01_TempC_010m	02_TempC_030m	03_TempF_010m	04_TempF_030m	05_VT_Grad	06_Precip_mm	07_Precip_In	09_BarPres_In	10_BarPres_Mb
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	MM	INCHES	INHG	KPa
00:00	18.2	18.6	64.8	65.5	.4	.0	.00	29.36	994.2
01:00	17.7	18.0	63.8	64.3	.3	.0	.00	29.36	994.3
02:00	17.2	17.2	62.9	63.0	.1	.0	.00	29.36	994.2
03:00	16.9	17.1	62.5	62.7	.1	.0	.00	29.36	994.3
04:00	16.5	16.6	61.6	61.8	.1	.0	.00	29.37	994.5
05:00	16.2	16.2	61.1	61.2	.1	.0	.00	29.37	994.7
06:00	16.1	16.1	60.9	60.9	.0	.0	.00	29.39	995.1
07:00	16.0	16.0	60.8	60.7	.0	.0	.00	29.40	995.6
08:00	17.2	17.5	63.0	63.5	.3	.0	.00	29.41	996.0
09:00	20.5	20.6	68.8	69.0	.1	.0	.00	29.41	996.1
10:00	23.0	22.9	73.3	73.3	.0	.0	.00	29.42	996.5
11:00	24.5	24.4	76.1	75.9	-.1	.0	.00	29.42	996.5
12:00	26.0	25.8	78.8	78.4	-.2	.0	.00	29.41	996.1
13:00	27.1	27.0	80.8	80.5	-.1	.0	.00	29.40	995.7
14:00	28.0	27.8	82.5	82.1	-.2	.0	.00	29.39	995.2
15:00	28.7	28.5	83.6	83.3	-.2	.0	.00	29.37	994.5
16:00	28.8	28.6	83.9	83.5	-.2	.0	.00	29.35	994.1
17:00	29.2	29.1	84.6	84.3	-.1	.0	.00	29.35	993.9
18:00	29.0	29.1	84.2	84.3	.1	.0	.00	29.35	993.9
19:00	26.6	27.5	79.9	81.6	.9	.0	.00	29.35	994.0
20:00	23.7	24.8	74.7	76.7	1.1	.0	.00	29.36	994.2
21:00	22.6	23.4	72.6	74.1	.8	.0	.00	29.35	994.1
22:00	21.9	22.5	71.5	72.4	.5	.0	.00	29.37	994.5
23:00	21.2	21.5	70.2	70.7	.3	.0	.00	29.37	994.7
Avg	22.2	22.4	72.0	72.2	.2	.0	.00	29.38	994.9
Max	29.2	29.1	84.6	84.3	1.1	.0	.00	29.42	996.5
Hr. of Max	17	18	17	18	20	23	23	11	11
Min	16.0	16.0	60.8	60.7	-.2	.0	.00	29.35	993.9
Count	24	24	24	24	24	24	24	24	24
Total									

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	11_Solar_Rad_Wm2	12_Solar_Rad_Lang	13_WDir_010m	14_WDir_030m	15_VWDir_010m	16_VWDir_030m	17_Sigma_010m	18_Sigma_030m	19_RWSpd_010m
Hour	W/M2	Langleys	DEG	DEG	DEG	DEG	DEG	DEG	MPH
00:00	-3.0	-.004	98	31	99	26	11	39	.7
01:00	-2.9	-.004	92	15	92	26	12	28	1.0
02:00	-3.1	-.004	79	17	74	22	14	11	.8
03:00	-2.9	-.004	67	352	65	353	43	35	.3
04:00	-3.1	-.005	62	357	50	11	25	14	.6
05:00	-3.5	-.005	28	346	27	356	32	27	.4
06:00	-3.0	-.004	114	205	85	196	24	29	.4
07:00	53.1	.076	139	159	152	177	21	22	.3
08:00	251.7	.361	158	227	120	250	60	38	.0
09:00	450.6	.646	61	33	65	54	66	50	1.2
10:00	660.4	.947	64	72	58	66	63	45	1.6
11:00	819.1	1.175	137	112	163	90	66	56	.2
12:00	896.9	1.286	237	237	239	238	41	37	2.0
13:00	791.0	1.134	244	242	243	241	58	48	1.7
14:00	900.6	1.292	225	225	224	224	47	39	2.8
15:00	638.2	.915	257	256	255	255	25	19	3.7
16:00	720.3	1.033	256	258	257	259	24	18	3.7
17:00	521.2	.747	270	271	272	272	30	24	3.1
18:00	296.9	.426	260	265	262	267	19	14	3.0
19:00	65.0	.093	195	226	216	235	23	16	.9
20:00	.3	.000	113	155	112	172	23	26	1.0
21:00	-3.0	-.004	100	109	114	129	38	42	.6
22:00	-3.0	-.004	106	81	127	92	33	52	.8
23:00	-3.2	-.005	149	197	130	205	44	11	.3
Avg	293.1	.420	129	251	107	107	35	31	.6
Max	900.6	1.292	270	357	272	356	66	56	3.7
Hr. of Max	14	14	17	04	17	05	11	11	16
Min	-3.5	-.005	28	15	27	11	11	11	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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	20_RWSpd_030m	21_WSpd_010m	22_WSpd_030m	23_WSpdms_010m	24_WSpdms_030m	27_PkWsH_010m	28_PkWsH_030m
Hour	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	.2	.7	.3	.3	.1	2.3	2.0
01:00	.7	1.0	.9	.5	.4	2.5	2.9
02:00	.9	.8	1.0	.4	.4	3.0	3.4
03:00	.7	.5	.8	.2	.4	1.8	2.5
04:00	1.0	.6	1.0	.3	.5	2.1	3.2
05:00	.8	.4	.9	.2	.4	2.1	3.9
06:00	.2	.5	.3	.2	.1	2.3	2.0
07:00	.5	.4	.6	.2	.2	1.8	2.5
08:00	.0	.1	.3	.0	.1	1.6	1.8
09:00	2.2	1.8	2.8	.8	1.2	8.2	9.8
10:00	2.2	2.5	2.9	1.1	1.3	7.1	8.7
11:00	.3	2.1	2.1	1.0	.9	6.0	6.4
12:00	2.1	2.4	2.5	1.1	1.1	6.9	6.1
13:00	2.0	2.4	2.7	1.1	1.2	7.8	7.3
14:00	3.9	3.5	4.6	1.6	2.0	11.2	11.9
15:00	4.9	4.4	5.7	1.9	2.6	10.1	10.9
16:00	4.7	4.0	4.9	1.8	2.2	9.6	9.3
17:00	3.9	3.5	4.3	1.6	1.9	7.6	9.8
18:00	4.3	3.1	4.4	1.4	2.0	7.8	9.6
19:00	1.9	1.2	2.3	.6	1.0	3.0	5.0
20:00	1.0	1.3	1.3	.6	.6	3.0	3.2
21:00	.7	1.2	1.3	.6	.6	3.0	3.9
22:00	1.0	1.0	1.5	.4	.7	3.2	4.8
23:00	.8	.7	.8	.3	.4	2.1	3.2
Avg	1.7	1.7	2.1	.8	.9	4.8	5.6
Max	4.9	4.4	5.7	1.9	2.6	11.2	11.9
Hr. of Max	15	15	15	15	15	14	14
Min	.0	.1	.3	.0	.1	1.6	1.8
Count	24	24	24	24	24	24	24
Total							