Date Printed: 04/06/2017 06:20

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

Daily Summary Report

Site: Tower "L" (1209)

4/5/2017

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	13.4	14.6	56.2	56.2	1.2	.0	.00	29.03	983.1
01:00	12.4	13.4	54.4	54.4	1.0	.0	.00	29.02	982.9
02:00	11.7	13.0	53.0	53.0	1.3	.0	.00	29.02	982.7
03:00	11.0	12.2	51.8	51.8	1.2	.0	.00	29.01	982.4
04:00	10.6	11.6	51.0	51.0	1.0	.0	.00	29.02	982.8
05:00	9.9	11.5	49.8	49.8	1.6	.0	.00	29.02	982.9
06:00	9.8	11.0	49.6	51.8	1.2	.0	.00	29.03	983.2
07:00	9.5	10.6	94.2	51.1	1.1	.0	.00	29.03	982.9
08:00	10.0	10.9	50.0	51.7	.9	.0	.00	29.02	982.9
09:00	11.7	12.0	53.0	53.5	.3	.0	.00	29.00	982.0
10:00	13.7	14.0	56.6	57.2	.3	.0	.00	28.98	981.5
11:00	15.2	15.4	59.4	59.8	.2	.0	.00	28.98	981.4
12:00	16.8	17.0	62.2	62.6	.2	.0	.00	28.95	980.6
13:00	19.4	19.0	67.0	66.3	-.4	.0	.00	28.92	979.3
14:00	21.9	21.3	71.4	70.4	-.6	.0	.00	28.89	978.5
15:00	22.6	22.3	72.8	72.1	-.3	.0	.00	28.87	977.8
16:00	22.9	22.7	73.2	72.8	-.2	.0	.00	28.86	977.3
17:00	22.4	22.4	72.3	72.3	.0	.0	.00	28.85	976.9
18:00	21.8	21.8	71.3	71.3	.0	.0	.00	28.83	976.2
19:00	21.2	21.2	70.2	70.2	.0	.0	.01	28.80	975.3
20:00	18.7	18.7	65.7	65.7	.0	10.7	.41	28.79	974.9
21:00	15.0	15.0	58.9	58.9	.0	.8	.03	28.81	975.5
22:00	15.0	15.4	59.0	59.8	.4	.0	.00	28.81	975.6
23:00	15.3	15.8	59.6	60.4	.5	.0	.00	28.82	976.0
Avg	15.5	16.0	61.8	60.2	.5	.5	.02	28.93	979.8
Max	22.9	22.7	94.2	72.8	1.6	10.7	.41	29.03	983.2
Hr. of Max	16	16	07	16	05	20	20	07	06
Min	9.5	10.6	49.6	49.8	-.6	.0	.00	28.79	974.9
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	-1.3	-.002	158	166	168	176	32	11	.6
01:00	-1.5	-.002	18	351	6	16	42	30	.3
02:00	-1.4	-.002	107	62	78	57	49	14	.7
03:00	-1.6	-.002	198	191	136	27	44	38	.5
04:00	-1.7	-.002	178	206	196	217	45	9	.6
05:00	-1.7	-.002	83	89	81	70	32	29	1.0
06:00	-1.7	-.002	39	13	57	329	39	16	.1
07:00	24.0	.034	19	67	69	340	49	40	.1
08:00	62.6	.090	72	310	114	336	32	23	.5
09:00	157.2	.225	360	17	3	33	39	27	.4
10:00	103.1	.148	235	243	231	241	24	42	1.2
11:00	96.3	.138	177	75	155	65	44	35	.1
12:00	231.3	.332	61	75	68	68	53	54	.7
13:00	850.8	1.220	252	251	245	245	43	38	3.1
14:00	835.2	1.198	209	206	203	199	30	25	7.1
15:00	463.3	.664	202	200	202	200	19	17	10.0
16:00	202.3	.290	195	193	197	194	19	16	9.5
17:00	175.9	.252	193	190	192	190	16	14	12.8
18:00	204.0	.293	191	188	190	188	16	14	12.9
19:00	7.1	.010	184	181	185	181	18	14	9.2
20:00	-2.3 -	-.004	198	199	200	199	33	30	8.2
21:00	-2.7 -	-.004	231	231	226	222	40	32	2.2
22:00	-2.4	-.003	233	239	225	232	24	18	1.6
23:00	-2.3	-.003	236	236	235	236	20	14	3.1
Avg	141.4	.203	186	196	14	14	33	25	1.6
Max	850.8	1.220	360	351	245	340	53	54	12.9
Hr. of Max	13	13	09	01	13	07	12	12	18
Min	-2.7	-.004	18	13	3	16	16	9	.1
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	24a_PkWsM_010m	24b_PkWsM_030m
Hour	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH	MPH	MPH
00:00	.5	.7	.7	.3	.3	2.3	2.1		
01:00	.2	.9	.2	.4	.1	3.2	1.8		
02:00	.8	.7	.8	.3	.4	2.7	3.0		
03:00	.2	.8	.5	.4	.2	2.3	3.9		
04:00	1.6	1.0	1.7	.4	.8	3.2	4.1		
05:00	2.0	1.6	2.2	.7	1.0	3.9	5.3		
06:00	.1	.9	1.1	.4	.5	2.7	3.0		
07:00	.1	1.1	1.0	.5	.4	3.2	3.2		
08:00	.3	1.1	1.2	.5	.5	3.0	3.0		
09:00	.9	.8	1.3	.3	.6	2.5	3.7		
10:00	.9	1.6	1.7	.7	.8	3.9	4.1		
11:00	1.1	.8	1.5	.4	.7	3.2	10.8		
12:00	1.2	1.2	1.7	.5	.8	4.4	6.0		
13:00	3.6	4.7	4.8	2.1	2.1	14.2	12.8		
14:00	8.7	8.2	9.7	3.7	4.4	23.1	25.0		
15:00	12.3	10.6	12.9	4.7	5.8	23.6	25.6		
16:00	11.8	10.2	12.4	4.6	5.6	22.4	24.7		
17:00	15.9	13.3	16.4	5.9	7.3	34.8	38.0		
18:00	15.9	13.4	16.4	6.0	7.3	30.2	32.5		
19:00	11.5	9.6	11.8	4.3	5.3	23.8	30.9		
20:00	13.7	10.1	16.7 +	4.5	7.5 +	36.6	45.0		
21:00	5.9	3.5	7.5	1.6	3.3	13.1	20.0		
22:00	2.8	2.6	3.8	1.2	1.7	5.3	13.5		
23:00	5.2	3.4	5.4	1.5	2.4	8.2	12.6		
Avg	4.9	4.3	5.6	1.9	2.5	11.5	13.9		
Max	15.9	13.4	16.7	6.0	7.5	36.6	45.0		
Hr. of Max	18	18	20	18	20	20	20		
Min	.1	.7	.2	.3	.1	2.3	1.8		
Count	24	24	24	24	24	24	24	0	0
Total									