Date Printed: 03/28/2017 09:44

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

Daily Summary Report

Site: Tower "L" (1209)

3/27/2017

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	14.3	16.4	57.8	61.4	2.1	.0	.00	29.20	988.8
01:00	13.3	14.5	56.0	58.1	1.2	.0	.00	29.19	988.6
02:00	12.4	13.2	54.4	55.8	.8	.0	.00	29.18	988.2
03:00	11.9	13.0	53.4	55.3	1.1	.0	.00	29.18	988.3
04:00	11.5	12.7	52.8	54.8	1.2	.0	.00	29.17	988.0
05:00	11.0	11.9	51.8	53.5	.9	.0	.00	29.17	987.9
06:00	10.6	11.6	51.0	52.9	1.0	.0	.00	29.19	988.4
07:00	10.6	11.5	51.0	52.7	.9	.0	.00	29.20	988.8
08:00	11.0	11.6	51.8	52.9	.6	.0	.00	29.21	989.3
09:00	14.1	13.9	57.4	57.0	-.2	.0	.00	29.22	989.4
10:00	18.2	17.5	64.8	63.6	-.7	.0	.00	29.21	989.2
11:00	20.0	19.8	68.0	67.6	-.2	.0	.00	29.21	989.0
12:00	20.7	20.5	69.2	69.0	-.2	.0	.00	29.19	988.6
13:00	21.9	21.5	71.4	70.7	-.4	.0	.00	29.17	988.0
14:00	23.2	22.7	73.8	72.8	-.5	.0	.00	29.14	987.0
15:00	23.7	23.3	74.6	74.0	-.4	.0	.00	29.11	985.9
16:00	23.8	23.6	74.8	74.4	-.2	.0	.00	29.08	984.7
17:00	23.8	23.8	74.8	74.8	.0	.0	.00	29.06	984.2
18:00	23.9	24.2	75.0	75.6	.3	.0	.00	29.05	983.7
19:00	21.4	22.0	70.6	71.7	.6	.2	.07	29.07	984.5
20:00	16.3	16.3	61.4	61.4	.0	1.3	.34	29.12	986.2
21:00						.5	.02		
22:00	15.2	15.2	59.3	59.3	.0	.0	.00	29.12	986.2
23:00	15.0	15.6	59.0	60.1	.6	.3	.13	29.14	986.7
Avg	16.9	17.2	62.4	63.0	.4	.1	.02	29.16	987.4
Max	23.9	24.2	75.0	75.6	2.1	1.3	.34	29.22	989.4
Hr. of Max	18	18	18	18	00	20	20	09	09
Min	10.6	11.5	51.0	52.7	-.7	.0	.00	29.05	983.7
Count	23	23	23	23	23	24	24	23	23
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	-1.5	-.002	180	273	170	174	38	36	.6
01:00	-1.7	-.002	199	235	185	220	36	38	.7
02:00	-1.7	-.002	137	282	131	254	19	24	.1
03:00	-1.9	-.003	274	62	321	71	45	12	.1
04:00	-1.8	-.003	83	62	68	64	33	14	.2
05:00	-1.7	-.002	3	15	324	11	16	26	.3
06:00	-1.9	-.003	58	310	306	241	46	48	.4
07:00	5.8	.008	147	334	273	320	30	30	.1
08:00	102.6	.147	137	181	136	188	47	30	.3
09:00	297.5	.427	319	299	318	287	44	38	.6
10:00	350.3	.502	317	310	257	239	44	47	1.4
11:00	272.5	.391	212	209	211	209	20	17	6.7
12:00	424.1	.608	202	201	201	200	18	14	8.4
13:00	561.1	.805	198	196	198	197	18	17	9.4
14:00	543.9	.780	211	210	210	210	20	16	8.4
15:00	445.4	.639	187	185	188	186	22	19	7.3
16:00	380.7	.546	193	192	193	191	16	14	9.0
17:00	213.8	.307	206	202	205	202	16	15	8.7
18:00	49.4	.071	194	192	195	193	16	13	6.4
19:00	.0	.000	229	225	226	225	18	17	6.5
20:00	-2.7	-.004	262	268	276	277	30	33	5.1
21:00									
22:00	-2.7	-.004	17	13	11	5	15	13	2.5
23:00	-2.7	-.004	23	347	334	327	50	38	.7
Avg	157.7	.226	200	249	271	271	29	25	1.7
Max	561.1	.805	319	347	334	327	50	48	9.4
Hr. of Max	13	13	09	23	23	23	23	06	13
Min	-2.7	-.004	3	13	11	5	15	12	.1
Count	23	23	23	23	23	23	23	23	23
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	.6	.6	.3	.3	2.1	2.5		
01:00	1.2	.9	1.5	.4	.7	2.5	3.2		
02:00	.2	.1	.3	.0	.1	1.4	2.3		
03:00	.4	.5	.4	.2	.2	2.3	1.6		
04:00	.6	.5	.6	.2	.3	2.5	2.1		
05:00	.1	.4	.1	.2	.0	2.5	1.4		
06:00	.5	.7	.8	.3	.4	2.5	3.4		
07:00	.4	.6	.4	.3	.2	2.1	1.8		
08:00	.5	.6	.6	.3	.3	2.5	3.0		
09:00	.5	1.3	1.4	.6	.6	3.0	3.4		
10:00	2.0	3.9	4.3	1.7	1.9	16.3	16.0		
11:00	8.3	7.2	8.8	3.2	4.0	16.0	16.7		
12:00	10.2	8.9	10.6	4.0	4.7	18.3	20.2		
13:00	11.1	9.8	11.6	4.4	5.2	19.7	20.2		
14:00	10.4	9.0	10.9	4.0	4.9	19.5	23.8		
15:00	8.9	8.0	9.6	3.6	4.3	16.0	19.2		
16:00	11.0	9.4	11.4	4.2	5.1	19.0	20.6		
17:00	11.1	9.1	11.4	4.0	5.1	20.2	22.2		
18:00	8.4	6.6	8.6	3.0	3.9	15.6	16.9		
19:00	8.9	7.7	10.6	3.5	4.7	20.8	44.2		
20:00	8.1 +	6.9	9.9 +	3.1	4.4 +	20.8	40.0 +		
21:00									
22:00	3.2	2.6	3.4	1.2	1.5	10.0	19.2		
23:00	2.4	2.2	3.4 +	1.0	1.5 +	6.9	15.0 +		
Avg	4.7	4.2	5.3	1.9	2.4	10.5	13.9		
Max	11.1	9.8	11.6	4.4	5.2	20.8	44.2		
Hr. of Max	17	13	13	13	13	20	19		
Min	.1	.1	.1	.0	.0	1.4	1.4		
Count	23	23	23	23	23	23	23	0	0
Total									