Date Printed: 07/28/2016 09:31

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

Daily Summary Report

Site: Tower "L" (1209)

7/27/2016

Interval: 001h

	01_TempC_010m	02_TempC_030m	03_TempF_010m	04_TempF_030m	05_VT_Grad	06_Precip_mm	07_Precip_In	08_PrecipSum	09_BarPres_In
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	MM	INCHES	INCHES	INHG
00:00	26.0	26.3	78.9	79.4	.3	.0	.00	.00	29.19
01:00	25.4	25.8	77.7	78.4	.4	.0	.00	.00	29.17
02:00	25.0	25.2	77.0	77.3	.2	.0	.00	.00	29.17
03:00	24.5	24.7	76.1	76.5	.2	.0	.00	.00	29.17
04:00	24.1	24.3	75.3	75.8	.3	.0	.00	.00	29.17
05:00	23.6	23.9	74.4	75.0	.3	.0	.00	.00	29.18
06:00	23.4	23.8	74.2	74.8	.4	.0	.00	.00	29.20
07:00	23.5	23.6	74.4	74.5	.1	.0	.00	.00	29.21
08:00	24.8	24.7	76.7	76.5	-.1	.0	.00	.00	29.21
09:00	26.2	26.0	79.2	78.9	-.2	.0	.00	.00	29.21
10:00	27.5	27.2	81.5	81.0	-.3	.0	.00	.00	29.20
11:00	28.7	28.5	83.7	83.3	-.2	.0	.00	.00	29.20
12:00	29.9	29.6	85.7	85.3	-.2	.0	.00	.00	29.20
13:00	31.2	30.9	88.1	87.7	-.3	.0	.00	.00	29.18
14:00	32.2	31.9	89.9	89.4	-.3	.0	.00	.00	29.16
15:00	32.9	32.7	91.2	90.8	-.2	.0	.00	.00	29.14
16:00	33.2	33.1	91.7	91.5	-.1	.0	.00	.00	29.12
17:00	30.0	30.3	86.1	86.5	.2	.1	.00	.00	29.12
18:00	30.6	30.7	87.1	87.2	.1	.0	.00	.00	29.11
19:00	30.4	30.7	86.8	87.3	.3	.0	.00	.00	29.10
20:00	29.6	29.9	85.3	85.8	.3	.0	.00	.00	29.10
21:00	27.9	28.7	82.2	83.6	.8	.0	.00	.00	29.12
22:00	27.0	27.6	80.6	81.6	.6	.0	.00	.00	29.14
23:00	26.7	27.3	80.1	81.2	.6	.0	.00	.00	29.15
Avg	27.7	27.8	81.8	82.1	.1	.0	.00	.00	29.16
Max	33.2	33.1	91.7	91.5	.8	.1	.00	.00	29.21
Hr. of Max	16	16	16	16	21	17	23	23	09
Min	23.4	23.6	74.2	74.5	-.3	.0	.00	.00	29.10
Count	24	24	24	24	24	24	24	24	24
Total									

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	10_BarPres_Mb	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
Hour	KPa	W/M2	Langleys	DEG	DEG	DEG	DEG	DEG	DEG
00:00	988.7	-2.3	-.003	176	183	190	190	47	43
01:00	987.9	-2.5	-.004	113	121	111	112	33	34
02:00	987.8	-2.3	-.003	209	194	208	192	18	13
03:00	987.8	-2.1	-.003	1	241	123	193	64	41
04:00	987.9	-2.6	-.004	179	190	178	189	57	26
05:00	988.1	-2.7	-.004	247	190	223	163	55	48
06:00	988.7	-.5	-.001	252	236	272	217	34	25
07:00	989.3	90.5	.130	207	185	194	186	57	21
08:00	989.3	281.2	.403	201	202	199	202	20	12
09:00	989.3	517.2	.742	210	212	208	211	23	17
10:00	989.0	709.5	1.017	197	196	197	197	25	17
11:00	989.0	843.1	1.209	218	211	219	212	41	28
12:00	988.8	933.8	1.339	201	199	202	200	33	26
13:00	988.2	981.5	1.408	219	213	217	210	38	32
14:00	987.5	921.3	1.321	209	206	210	207	27	21
15:00	986.9	910.6	1.306	232	230	237	234	38	31
16:00	986.3	660.4	.947	210	212	211	212	28	21
17:00	986.2	190.2	.273	239	243	240	244	19	17
18:00	985.8	397.5	.570	323	320	320	323	60	45
19:00	985.5	96.2	.138	169	169	162	166	26	18
20:00	985.4	14.3	.020	189	180	173	170	30	19
21:00	986.1	-2.3	-.003	248	240	273	246	42	29
22:00	986.9	-2.8	-.004	197	205	203	225	21	19
23:00	987.0	-2.7	-.004	269	224	262	225	32	29
Avg	987.6	313.5	.450	214	207	0	0	36	26
Max	989.3	981.5	1.408	323	320	320	323	64	48
Hr. of Max	09	13	13	18	18	18	18	03	05
Min	985.4	-2.8	-.004	1	121	111	112	18	12
Count	24	24	24	24	24	24	24	24	24
Total									

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	19_RWSpd_010m	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	MPH	M/SEC	M/SEC	MPH	MPH
00:00	.6	1.6	1.4	2.0	.6	.9	4.4	5.2
01:00	1.0	1.3	1.5	1.9	.7	.8	3.4	4.1
02:00	2.6	4.0	2.9	4.3	1.3	1.9	6.2	7.3
03:00	.1	.5	.5	.9	.2	.4	2.5	2.7
04:00	.7	1.4	1.2	1.5	.5	.7	3.9	4.3
05:00	.4	.7	1.3	1.4	.6	.6	3.0	3.6
06:00	1.0	1.6	1.4	2.5	.6	1.1	4.4	6.1
07:00	.6	1.4	.7	1.4	.3	.6	3.9	4.8
08:00	3.0	4.2	3.2	4.3	1.4	1.9	6.9	8.7
09:00	3.6	4.9	4.0	5.2	1.8	2.3	8.7	10.7
10:00	3.5	5.0	3.9	5.2	1.7	2.3	9.4	11.9
11:00	2.7	3.6	3.4	4.2	1.5	1.9	9.4	10.7
12:00	3.3	4.4	3.7	4.8	1.7	2.1	9.4	10.0
13:00	2.8	3.9	4.1	5.0	1.8	2.2	10.3	11.2
14:00	4.7	6.4	5.3	6.9	2.4	3.1	12.4	12.3
15:00	3.5	4.6	4.2	5.3	1.9	2.4	11.0	12.5
16:00	4.6	6.3	5.2	6.9	2.3	3.1	11.2	13.9
17:00	4.8	6.8	5.1	7.1	2.3	3.2	11.7	14.4
18:00	.9	1.3	1.8	2.4	.8	1.1	6.6	7.1
19:00	2.3	3.8	2.6	4.0	1.2	1.8	7.3	9.8
20:00	1.8	4.1	2.4	4.4	1.1	2.0	6.9	10.5
21:00	1.1	1.8	1.6	2.1	.7	.9	4.8	5.5
22:00	.8	1.3	1.3	1.6	.6	.7	3.7	5.0
23:00	1.0	2.3	1.4	2.5	.6	1.1	3.4	7.1
Avg	2.1	2.1	2.7	3.7	1.2	1.6	6.9	8.3
Max	4.8	6.8	5.3	7.1	2.4	3.2	12.4	14.4
Hr. of Max	17	17	14	17	14	17	14	17
Min	.1	.5	.5	.9	.2	.4	2.5	2.7
Count	24	24	24	24	24	24	24	24
Total								