

***Oak Ridge Reservation  
Quality Assurance Report  
for Meteorological Towers***  
*For Towers A, B, C, K, L, M, W, Y*

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Computational Science and Engineering Division  
Oak Ridge National Laboratory

**October 2010**

## Tower ID Summary:

<i>ID*</i>	<i>Name</i>	<i>Alternate Names</i>	<i>ORR Site</i>	<i>Elevation (m)</i>	<i>Easting, Northing (m)</i>	<i>Measuring Hts</i>
TOWA	Tower A	MT4 , 7571	ORNL	263	743179,3978105	10,30
TOWB	Tower B	MT3, 6555, 07	ORNL	256	743398,3979683	10,30
TOWC	Tower C	MT2, 1057, 03	ORNL	261	741423,3978768	10,30,100
TOWK	Tower K	MT1, 1208	ETTP	253	735675,3979503	10,60
TOWL	Tower L	MT7, 1209	ETTP	233	735110,3978654	10,30
TOWM	Tower M	MT10, 208A	ETTP	237	735720,3976860	10
WEST	Tower W	MT6, Y12W, West	Y12	326	748890,3986700	10,60
TOWY	Tower Y	MT9, PSS Tower	Y12	290	747926.3985859	15, 33
M001	T001	Oak Ridge ATDD	NOAA			
M003	T003	Oak Ridge Municipal	NOAA			
M110	T110	OR/Y-12 Water Plant	NOAA			
M112	T112	Lenoir City Fire Tower	NOAA			
M113	T113	Heiskell Fire Tower	NOAA			
M114	T114	Sharp's Ridge Fire Tower	NOAA			
M115	T115	Morristown NWS Office	NOAA			
M116	T116	Madisonville Fire Tower	NOAA			
M117	T117	Pone Knob/Decatur Fire Tower	NOAA			
M119	T119	ORR Walker Branch Tower	NOAA			
M220	T220	Powell Mt. / Tazewell Fire Tower	NOAA			
M222	T222	Purchase Knob, NC	NOAA			
M223	T223	Cove Mt. Fire Tower	NOAA			
M225	T225	English Mt. Fire Tower	NOAA			
M226	T226	Roosevelt Mt./Rockwood Fire Tower	NOAA			
M227	T227	Walnut Mt. / LaFollette Fire Tower	NOAA			

\*Note: Towers A, B, C, K, L, M are listed in the DATA MISSING sections only when data are missing.



**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Saturday, October 2, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

**MISSING DATA STATUS – ALL TOWERS (15-Minute Data)**

*Site No. Time Ranges*

TOWY 2 0645 0900  
WEST 6 0645 0900 1915 1945 2030 2130  
M001 64 0630 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645  
1700 1715 1730 1745 1800 1815 1830 1845 1900 1915 1930 1945 2000 2015 2030 2045 2100 2130 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M003 24 0015 0130 0245 0400 0500 0600 0715 0830 0930 1045 1145 1300 1400 1515 1630 1730 1845 2000 2130 2130 2145 2200 2215 2315  
M110 20 0015 0045 0130 0200 0530 0615 0815 0900 1115 1200 1345 1430 1515 1645 1730 1830 1930 2000 2130 2215  
M112 96 All  
M113 64 0630 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645  
1700 1715 1730 1745 1800 1815 1830 1845 1915 1930 1930 1945 2000 2030 2030 2100 2100 2130 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M114 96 All  
M115 60 0730 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700 1715 1730 1745  
1800 1815 1830 1845 1915 1930 1930 1945 2000 2030 2030 2100 2100 2130 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M116 64 0645 0815 0830 0845 0915 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645  
1700 1715 1730 1745 1800 1815 1830 1845 1915 1930 1930 1945 2000 2030 2030 2100 2100 2130 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M117 64 0630 0815 0830 0845 0915 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645  
1700 1715 1730 1745 1800 1815 1830 1845 1915 1930 1930 1945 2000 2030 2030 2100 2100 2130 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M119 64 0630 0815 0830 0845 0915 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645  
1700 1715 1730 1745 1800 1815 1830 1845 1915 1930 1930 1945 2000 2030 2030 2100 2100 2130 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M220 11 0015 0315 0430 0530 0645 0915 1915 1930 2030 2100 2130  
M222 63 0645 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700  
1715 1730 1745 1800 1815 1830 1845 1900 1915 1930 1945 2000 2015 2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M223 63 0645 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700  
1715 1730 1745 1800 1815 1830 1845 1900 1915 1930 1945 2000 2015 2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M225 63 0645 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700  
1715 1730 1745 1800 1815 1830 1845 1900 1915 1930 1945 2000 2015 2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M226 96 All  
M227 63 0645 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700  
1715 1730 1745 1800 1815 1830 1845 1900 1915 1930 1945 2000 2015 2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345

**FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)**

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None

**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Sunday, October 3, 2010**

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 Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

*Site No. Time Ranges*

Date Applicable: 10/03/10

Site # Missing Times

TOWY 0

WEST 2 1915 2200

M001 96 All

M003 21 0030 0130 0245 0345 0500 0615 0715 0830 0930 1045 1145 1300 1415 1515 1630 1730 1845 1945 2100 2215 2315

M110 25 0100 0145 0215 0245 0430 0515 0545 0630 0715 0830 0915 1000 1115 1145 1315 1445 1715 1830 1930 2030 2045  
 2130 2215 2300 2345

M112 96 All

M113 96 All

M114 96 All

M115 96 All

M116 96 All

M117 96 All

M119 96 All

M220 15 0100 0315 0400 0700 0945 1430 1530 1630 1715 1745 1815 1830 1930 2030 2045

M222 96 All

M223 96 All

M225 96 All

M226 96 All

M227 96 All

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Monday, October 4, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

**MISSING DATA STATUS – ALL TOWERS (15-Minute Data)**

*Site No. Time Ranges*

TOWY 2 0515 2245  
WEST 4 0515 0715 1500 2245  
M001 30 0000 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615  
0630 0645 0700 2245  
M003 27 0030 0130 0245 0345 0500 0615 0700 0715 0830 0930 1045 1215 1230 1245 1300 1315 1330 1345 1415 1515 1630 1730 1845 2000 2100 2215  
2315  
M110 28 0030 0100 0145 0230 0330 0415 0500 0545 0615 0715 0830 0900 1000 1030 1130 1200 1230 1345 1445 1530 1700 1815 1845 1930 2000 2100  
2230 2345  
M112 96 All  
M113 30 0000 0015 0030 0045 0100 0115 0130 0145 0200 0230 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0530 0530 0545 0600 0615  
0630 0645 0700 0800  
M114 96 All  
M115 32 0000 0015 0030 0045 0100 0115 0130 0145 0200 0230 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0530 0530 0545 0600 0615  
0630 0645 0700 0715 0730 0745  
M116 28 0000 0015 0030 0045 0100 0115 0130 0145 0200 0230 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0530 0530 0545 0600 0615  
0630 0645  
M117 32 0000 0015 0030 0045 0100 0115 0130 0145 0200 0230 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0530 0530 0545 0600 0615  
0630 0645 0715 0715 0730 0745  
M119 46 0000 0015 0030 0045 0100 0115 0130 0145 0200 0230 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0530 0530 0545 0600 0615  
0630 0645 0715 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 1000 1015 1030 1100 1100 1115  
M220 13 0230 0530 0715 1000 1100 1230 1630 1715 1845 1915 2000 2115 2245  
M222 47 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630  
0645 0700 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1130  
M223 48 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630  
0645 0700 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1130 1145  
M225 48 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630  
0645 0700 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1130 1630  
M226 96 All  
M227 46 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630  
0645 0700 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130

**FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)**

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Tuesday, October 5, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

*Site No. Time Ranges*

TOWY 0  
WEST 3 0545 1015 1030  
M001 0  
M003 23 0030 0130 0245 0400 0500 0615 0630 0645 0700 0715 0830 0930 1045 1300 1415 1515 1630 1730 1845 1945 2100  
2215 2315  
M110 22 0015 0230 0345 0515 0600 0715 0800 1000 1045 1145 1245 1315 1400 1530 1615 1645 1815 1900 2000 2100 2130  
2230  
M112 96 All  
M113 0  
M114 96 All  
M115 0  
M116 1 1815  
M117 0  
M119 0  
M220 11 0015 0215 0330 0445 0515 0700 0730 0915 1445 2000 2315  
M222 0  
M223 0  
M225 1 0030  
M226 96 All  
M227 0

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None







**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Friday, October 8, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
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**MISSING DATA STATUS – ALL TOWERS (15-Minute Data)**

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWY	1	0815
WEST	1	0815
M001	1	0800
M003	23	0030 0130 0245 0400 0500 0615 0730 0800 0830 0930 1045 1200 1300 1415 1515 1630 1730 1815 1845 2000 2100 2215 2315
M110	17	0030 0115 0230 0315 0530 0700 0730 0845 0930 1130 1400 1515 1615 1645 2000 2115 2315
M112	96	All
M113	1	0800
M114	96	All
M115	1	0900
M116	2	0200 0815
M117	1	0800
M119	1	0800
M220	12	0115 0215 0315 0330 0400 0500 0700 0815 1100 1745 2015 2315
M222	1	0815
M223	1	0815
M225	3	0815 0900 1030
M226	96	All
M227	1	0815

**FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)**

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None



**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Sunday, October 10, 2010**

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MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																				
TOWY	0																					
WEST	0																					
M001	0																					
M003	26	0030	0130	0245	0315	0330	0345	0400	0500	0615	0715	0830	0945	1045	1200	1300	1415	1515	1630	1730	1845	2000
		2100	2145	2200	2215	2315																
M110	18	0030	0245	0400	0445	0615	1000	1045	1145	1230	1315	1400	1600	1645	1745	1930	2145	2215	2245			
M112	96	All																				
M113	0																					
M114	96	All																				
M115	0																					
M116	0																					
M117	15	2015	2030	2045	2100	2115	2130	2145	2200	2215	2230	2245	2300	2315	2330	2345						
M119	0																					
M220	18	0115	0145	0215	0245	0415	0515	0715	0730	0745	0815	0915	1245	1315	1515	2030	2115	2200	2230			
M222	0																					
M223	0																					
M225	2	0300	0645																			
M226	96	All																				
M227	0																					

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*  
 None



**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Tuesday, October 12, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
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**MISSING DATA STATUS – ALL TOWERS (15-Minute Data)**

*Site No. Time Ranges*

TOWY 0  
WEST 0  
M001 96 All  
M003 76 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700 1715 1800 1815 2000 2100 2200  
2245 2315  
M110 72 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700 1715 2200 2300 2330  
M112 96 All  
M113 68 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700  
M114 96 All  
M115 72 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700 1715 1730 1745  
M116 69 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700  
M117 68 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700  
M119 68 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700  
M220 77 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700 1700 1815 1845 1930 1945 2000  
2015 2030 2345  
M222 69 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700 2130  
M223 68 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700  
M225 68 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700  
M226 96 All  
M227 68 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900  
0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700

**FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)**

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

Thundershowers crossed area SW to NE around 1500-1700 hrs.

**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Wednesday, October 13, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
 Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																		
TOWY	0																			
WEST	0																			
M001	96	All																		
M003	20	0045 0130 0245 0400 0500 0630 0715 0830 0930 1045 1200 1300 1515 1630 1745 1845 2000 2100 2215 2315																		
M110	20	0115 0300 0345 0430 0730 0830 0915 1000 1015 1030 1200 1300 1530 1815 1915 2000 2045 2115 2300 2345																		
M112	96	All																		
M113	0																			
M114	96	All																		
M115	0																			
M116	1	0745																		
M117	0																			
M119	0																			
M220	14	0315 0345 0445 0630 0700 0830 1115 1500 1930 2015 2100 2115 2230 2245																		
M222	0																			
M223	0																			
M225	1	2045																		
M226	96	All																		
M227	0																			

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*  
 None





**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Friday, October 15, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

*Site No. Time Ranges*

TOWY 0  
WEST 0  
M001 96 All  
M003 26 0030 0100 0130 0245 0345 0500 0615 0730 0745 0800 0815 0845 0930 1015 1045 1200 1300 1400 1515 1630 1730  
1845 2000 2100 2215 2315  
M110 21 0045 0115 0145 0230 0515 0600 0645 0745 0815 0845 0915 1015 1300 1400 1430 1615 1745 1915 2000 2130 2300  
M112 96 All  
M113 0  
M114 96 All  
M115 0  
M116 0  
M117 0  
M119 7 1315 1330 1345 1400 1415 1430 1445  
M220 18 0015 0045 0145 0215 0230 0430 0515 0530 0645 1145 1315 1445 1700 1900 2045 2245 2315 2345  
M222 0  
M223 0  
M225 1 2315  
M226 96 All  
M227 0

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None



**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Sunday, October 17, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

**MISSING DATA STATUS – ALL TOWERS (15-Minute Data)**

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																										
TOWY	5	0400	1000	1415	1545	2300																						
WEST	5	0400	1000	1415	1545	2300																						
M001	96	All																										
M003	22	0030	0130	0245	0345	0400	0500	0615	0715	0830	0930	1045	1145	1300	1400	1515	1630	1730	1845	1945	2100	2215	2330					
M110	26	0130	0200	0300	0345	0415	0500	0645	0745	0815	0915	1015	1115	1200	1315	1345	1445	1600	1700	1800	1930	2000	2045	2130	2215	2245	2315	
M112	96	All																										
M113	5	0345	0945	1400	1530	2245																						
M114	96	All																										
M115	5	0445	1045	1500	1630	2345																						
M116	5	0400	1000	1415	1545	2300																						
M117	5	0345	0945	1400	1530	2245																						
M119	5	0345	0945	1400	1530	2245																						
M220	19	0115	0215	0315	0400	0445	0615	0730	0800	0915	1015	1030	1115	1200	1415	1545	1815	2045	2215	2300								
M222	6	0400	1000	1415	1545	2300	2345																					
M223	6	0400	0415	1000	1415	1545	2300																					
M225	5	0400	1000	1415	1545	2300																						
M226	96	All																										
M227	5	0400	1000	1415	1545	2300																						

**FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)**

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*  
None

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Monday, October 18, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

*Site No. Time Ranges*

TOWY 1 2015  
WEST 1 2015  
M001 96 All  
M003 23 0030 0130 0245 0330 0400 0445 0615 0645 0715 0845 0945 1100 1200 1300 1415 1515 1630 1730 1845 2000 2100  
2215 2315  
M110 25 0015 0100 0215 0300 0330 0500 0545 0630 0745 0815 0915 1000 1115 1230 1315 1400 1515 1600 1645 1730 1845  
1930 2100 2215 2315  
M112 96 All  
M113 1 2000  
M114 96 All  
M115 1 2100  
M116 1 2015  
M117 1 2000  
M119 1 2000  
M220 20 0015 0100 0215 0315 0530 0615 0830 0930 1045 1115 1230 1600 1630 1830 1930 2015 2115 2215 2245 2315  
M222 1 2015  
M223 1 2015  
M225 3 0700 0945 2015  
M226 96 All  
M227 1 2015

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Tuesday, October 19, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

*Site No. Time Ranges*

TOWY 1 0415  
WEST 1 0415  
M001 96 All  
M003 22 0030 0130 0245 0345 0415 0500 0615 0715 0830 0930 1045 1200 1300 1415 1515 1630 1730 1845 2000 2100 2215  
2315  
M110 27 0015 0145 0300 0345 0445 0515 0545 0615 0715 0815 0915 1000 1100 1200 1245 1400 1445 1530 1615 1645 1800  
1930 2015 2130 2215 2245 2330  
M112 96 All  
M113 2 0400 2345  
M114 96 All  
M115 1 0500  
M116 1 0415  
M117 2 0400 2345  
M119 2 0400 2345  
M220 15 0130 0315 0415 0700 0730 0830 0915 1015 1100 1800 1845 2000 2030 2100 2130  
M222 1 0415  
M223 1 0415  
M225 2 0415 1945  
M226 96 All  
M227 1 0415

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

Cold front passage 1200-1500 UTC.

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Wednesday, October 20, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWY	1	0000
WEST	1	0000
M001	96	All
M003	25	0000 0030 0130 0245 0345 0500 0615 0715 0830 0930 1045 1100 1115 1130 1145 1300 1415 1515 1630 1730 1845 1945 2100 2200 2315
M110	21	0100 0145 0230 0345 0430 0545 0715 0745 0915 1000 1100 1130 1200 1230 1345 1445 1515 1700 1815 2015 2230
M112	96	All
M113	0	
M114	96	All
M115	1	0045
M116	1	0000
M117	0	
M119	0	
M220	16	0000 0030 0500 0515 0530 0630 0715 0800 0830 0915 1615 1930 2030 2130 2200 2330
M222	0	
M223	0	
M225	0	
M226	96	All
M227	0	

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Thursday, October 21, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWY	1	0545
WEST	1	0545
M001	96	All
M003	25	0030 0130 0245 0400 0415 0430 0445 0500 0615 0715 0830 0930 1045 1200 1300 1415 1515 1630 1730 1845 2000 2100 2200 2215 2315
M110	25	0015 0130 0230 0400 0415 0430 0515 0545 0630 0715 0745 0945 1045 1245 1330 1415 1445 1700 1815 1900 1930 2100 2130 2230 2315
M112	96	All
M113	1	0530
M114	96	All
M115	1	0630
M116	1	0545
M117	1	0530
M119	1	0530
M220	14	0315 0430 0500 0600 0730 0915 1145 1730 1745 1830 1945 2115 2315 2345
M222	1	0545
M223	3	0545 0745 1515
M225	2	0545 1130
M226	96	All
M227	1	0545

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*  
None







**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Sunday, October 24, 2010**

Compiled by KR Birdwell, MS6418, CSM/CS&ED, ORNL, Phone 865.576.2308  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

*Site No. Time Ranges*

TOWY 0  
WEST 0  
M001 96 All  
M003 21 0030 0130 0245 0400 0500 0615 0715 0830 0930 1045 1200 1300 1415 1515 1630 1730 1845 2000 2100 2215 2315  
M110 29 0000 0045 0130 0200 0330 0415 0500 0530 0615 0700 0745 0815 0900 0945 1100 1230 1315 1430 1515 1630 1800  
1845 1915 2000 2030 2115 2200 2245 2330  
M112 96 All  
M113 0  
M114 96 All  
M115 0  
M116 1 0300  
M117 0  
M119 0  
M220 14 0115 0515 0615 0630 0645 0700 0800 0930 1100 1215 1530 1600 1645 2045  
M222 0  
M223 0  
M225 2 0830 2215  
M226 96 All  
M227 0

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None

**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Monday, October 25, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
 Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWY	2	1730 1745
WEST	2	1730 1745
M001	96	All
M003	29	0030 0130 0300 0315 0330 0345 0400 0415 0430 0445 0500 0615 0715 0830 0930 1045 1145 1300 1415 1515 1630 1715 1730 1745 1845 1945 2100 2215 2315
M110	37	0015 0045 0130 0200 0300 0415 0500 0530 0615 0645 0745 0830 0900 0945 1030 1115 1145 1230 1300 1430 1515 1545 1630 1645 1700 1715 1730 1800 1830 1930 2000 2045 2130 2145 2200 2245 2330
M112	96	All
M113	2	1715 1730
M114	96	All
M115	2	1815 1830
M116	2	1730 1745
M117	2	1730 1745
M119	2	1730 1745
M220	18	0400 0415 0430 0930 1015 1045 1130 1200 1530 1630 1730 1745 1745 1930 2045 2130 2215 2245
M222	2	1730 1745
M223	2	1730 1745
M225	2	1730 1745
M226	96	All
M227	5	0745 0800 0815 1730 1745

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0445-0630	92.0	Intermittent missing data (power failure) 30m Temp values in error (water in sensor)
	ERR	1100-1445	84.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

Thunderstorms crossed area 0400-0800 hrs.

**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Tuesday, October 26, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
 Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

*Site No. Time Ranges*

TOWY 2 0915 0930  
 WEST 2 0915 0930  
 M001 96 All  
 M003 23 0030 0130 0245 0345 0500 0615 0715 0830 0915 0930 1045 1145 1300 1415 1430 1515 1630 1715 1845 1945 2100  
 2200 2315  
 M110 33 0015 0100 0130 0200 0300 0345 0415 0500 0530 0630 0700 0745 0815 0900 0915 0945 1030 1115 1145 1230 1315  
 1430 1515 1600 1645 1730 1800 1830 1915 2045 2115 2215 2315  
 M112 96 All  
 M113 4 0900 0915 1415 1600  
 M114 96 All  
 M115 3 1000 1015 1515  
 M116 4 0900 0930 1045 1715  
 M117 4 0900 0930 1415 1515  
 M119 6 0900 0930 1430 1445 1500 1515  
 M220 14 0000 0530 0715 0730 0745 0845 0930 0930 1115 1130 1215 1430 2200 2315  
 M222 3 0915 0930 1415  
 M223 3 0915 0930 1415  
 M225 3 0915 0930 1415  
 M226 96 All  
 M227 8 0915 0930 1445 1500 1515 1745 1800 1815

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	1545-1645	96.0	Intermittent missing data (power failure)
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

Thunderstorms crossed area SW to NE 1800-2000 hrs / cold front passage around 2000 hrs.

**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Wednesday, October 27, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
 Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

*Site No. Time Ranges*

TOWY 0  
 WEST 0  
 M001 96 All  
 M003 21 0015 0130 0245 0345 0500 0600 0715 0815 0930 1030 1145 1300 1400 1515 1615 1730 1830 1945 2045 2200 2315  
 M110 28 0000 0100 0215 0300 0330 0415 0500 0615 0630 0700 0745 0815 0915 0945 1115 1200 1245 1315 1400 1445 1530  
 1600 1645 1845 2015 2130 2215 2300  
 M112 96 All  
 M113 0  
 M114 96 All  
 M115 0  
 M116 0  
 M117 0  
 M119 0  
 M220 19 0100 0130 0600 0615 0745 1015 1300 1600 1715 1815 1930 2015 2115 2200 2230 2245 2315 2330 2345  
 M222 0  
 M223 2 1130 1145  
 M225 0  
 M226 96 All  
 M227 0

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000-0245	98.0	Intermittent missing data (power failure)
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None

## Oak Ridge Reservation

### Daily Meteorological Tower Status Report for:

Thursday, October 28, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

#### MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

*Site No. Time Ranges*

TOWY 0

WEST 0

M001 96 All

M003 22 0015 0130 0230 0400 0445 0600 0715 0815 0930 1030 1045 1145 1300 1415 1515 1615 1730 1830 1945 2045 2215  
2315

M110 32 0000 0045 0245 0430 0515 0545 0630 0700 0745 0815 1000 1045 1200 1245 1330 1430 1445 1515 1600 1700 1830  
1845 1900 1915 2015 2045 2100 2115 2200 2245 2330 2345

M112 96 All

M113 1 1030

M114 96 All

M115 1 1130

M116 1 1045

M117 1 1030

M119 1 1030

M220 23 0000 0015 0130 0215 0400 0615 0745 0815 0915 1100 1115 1315 1545 1645 1730 1800 1845 1930 2000 2100 2130  
2215 2300

M222 1 1045

M223 1 1045

M225 2 0830 1045

M226 96 All

M227 1 1045

#### FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	ERR	1630-1945	85.0	Missing data (scheduled power failure)
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

#### *Weather Notes*

Cold front passage around 1600-1800 hrs.

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Friday, October 29, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

*Site No. Time Ranges*

TOWY 0  
WEST 0  
M001 96 All  
M003 22 0030 0130 0200 0245 0400 0500 0615 0715 0830 0930 1045 1200 1300 1415 1515 1630 1730 1845 1945 2100 2215  
2315  
M110 29 0000 0015 0030 0045 0100 0145 0215 0230 0345 0430 0530 0630 0700 0715 0730 0745 0815 1000 1015 1100 1215  
1330 1415 1515 1600 1700 1730 2015 2245  
M112 96 All  
M113 0  
M114 96 All  
M115 0  
M116 0  
M117 0  
M119 0  
M220 21 0130 0230 0315 0500 0630 0745 0900 1130 1315 1330 1445 1545 1630 1800 1930 2030 2115 2130 2145 2230 2330  
M222 0  
M223 0  
M225 1 1615  
M226 96 All  
M227 0

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	2100-2345	88.0	10m Temp values in error (repaired with reboot of system)
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	ERR	1630-1945	85.0	Missing data (scheduled power failure)
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*

None

**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Saturday, October 30, 2010**

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MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																					
TOWY	0																						
WEST	0																						
M001	96	All																					
M003	21	0030	0130	0245	0345	0500	0600	0715	0815	0930	1045	1200	1300	1415	1515	1630	1730	1845	1945	2100	2215	2315	
M110	19	0015	0100	0145	0300	0345	0500	0545	0630	0715	0900	1000	1115	1245	1315	1445	1715	2015	2045	2300			
M112	96	All																					
M113	0																						
M114	96	All																					
M115	0																						
M116	0																						
M117	0																						
M119	0																						
M220	27	0000	0030	0130	0230	0345	0445	0530	0730	0815	0830	0845	0915	1030	1045	1115	1215	1245	1315	1415	1630	1815	
	1945	2000	2030	2130	2215	2300																	
M222	0																						
M223	0																						
M225	0																						
M226	96	All																					
M227	0																						

FLAGGED INSTRUMENT / SOFTWARE ERRORS – ORR ONLY (15-Minute Data)

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000-0700	71.0	10m Temp values in error (repaired with reboot of system)
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

*Weather Notes*  
 None





