

***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

**August 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:**

**Sunday, August 1, 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 0130

WEST 1 0130

M001 1 0115

M003 23 0030 0115 0130 0245 0330 0400 0500 0615 0715 0830 0930 1045 1200 1300 1415 1515 1630 1730 1845 2000 2100  
2215 2315

M110 29 0045 0115 0145 0230 0315 0345 0430 0500 0545 0630 0715 0800 0900 1000 1100 1200 1245 1330 1415 1445 1515  
1645 1730 1815 1900 2015 2100 2215 2345

M112 1 0115

M113 1 0115

M114 96 All

M115 1 0215

M116 96 All

M117 96 All

M119 96 All

M220 1 0130

M222 1 0115

M223 1 0115

M225 1 0115

M226 1 0115

M227 1 0145

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, August 2, 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
TOWY	2	1100 1130
WEST	2	1100 1130
M001	3	0645 1045 1115
M003	23	0030 0130 0245 0345 0500 0615 0645 0715 0830 0930 1045 1115 1200 1300 1415 1515 1630 1730 1845 2000 2100 2215 2315
M110	30	0015 0100 0145 0230 0300 0330 0430 0515 0630 0715 0800 1000 1045 1115 1130 1200 1245 1330 1415 1445 1530 1645 1815 1900 1930 2015 2045 2130 2300 2345
M112	3	0645 1045 1115
M113	3	0645 1045 1115
M114	96	All
M115	3	0745 1145 1215
M116	96	All
M117	96	All
M119	96	All
M220	3	0700 1100 1130
M222	41	0645 1045 1115 1200 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	3	0645 1045 1115
M225	3	0645 1045 1115
M226	3	0645 1045 1115
M227	3	0715 1115 1145

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

Site	Status	Time Ranges	Pct Recovery	Special Notes
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, August 3, 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 1 1745

M003 23 0030 0130 0245 0345 0500 0615 0715 0845 0900 0915 0930 1045 1200 1300 1415 1515 1600 1730 1815 1845 1945  
2100 2315

M110 28 0015 0130 0230 0300 0345 0430 0500 0600 0630 0715 0800 0915 1000 1045 1145 1245 1330 1400 1530 1615 1645  
1730 1900 2015 2100 2200 2245 2345

M112 1 1600

M113 1 1745

M114 96 All

M115 3 0900 1700 1845

M116 96 All

M117 96 All

M119 96 All

M220 0

M222 96 All

M223 2 1615 1800

M225 5 0800 1615 1730 1800 1800

M226 2 1615 1800

M227 2 1615 1800

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

*Site Status Time Ranges Pct Recovery Special Notes*

Tower A OK 100.0

Tower B OK 100.0

Tower C OK 100.0 Tower C Tower Truing performed by Shaw Environmental

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:

Wednesday, August 4, 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 0

M003 21 0130 0145 0200 0215 0245 0345 0500 0600 0715 0830 0930 1145 1300 1515 1630 1730 1845 2000 2100 2215 2315

M110 30 0130 0145 0200 0215 0230 0315 0515 0645 0715 0745 0830 0915 1045 1115 1215 1245 1330 1415 1500 1615 1700  
1745 1815 2000 2030 2100 2145 2230 2315 2345

M112 0

M113 0

M114 96 All

M115 0

M116 96 All

M117 96 All

M119 96 All

M220 1 1830

M222 53 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 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030  
1045 1100 1115 1130 1145 1200 1215 1230 1245 1300

M223 0

M225 2 0130 0630

M226 2 1700 1815

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 A Tower Truing performed by Shaw Environmental
Tower B	OK		100.0	Tower B Tower Truing performed by Shaw Environmental
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*

Plateau-initiated thunderstorms formed around 1300 hrs and remained nearly stationary (perhaps “fed” by thermal flows on either side of the topographic area. Cloud cover from these storms drifted east and lowered solar radiation and temperatures by a few degrees between 1400-1600 hrs.

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Thursday, August 5, 2010**

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWY	1	1715
WEST	1	1715
M001	1	1700
M003	22	0030 0130 0245 0345 0500 0600 0615 0715 0830 0930 1045 1200 1300 1415 1515 1630 1700 1730 1945 2100 2215 2315
M110	30	0015 0115 0215 0315 0400 0430 0515 0600 0630 0800 0830 0930 1045 1130 1215 1300 1330 1415 1500 1630 1700
M112	1	1700
M113	1	1700
M114	96	All
M115	1	1800
M116	96	All
M117	96	All
M119	96	All
M220	2	1345 1715
M222	2	1045 1700
M223	2	0900 1700
M225	2	1000 1700
M226	2	1445 1730
M227	3	1515 1730 2130

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*

Pre-cold front plateau-initiated thunderstorms formed around 1200 hrs and moved east across Great Valley including the Oak Ridge Reservation.

**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Friday, August 6, 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	1330
WEST	1	1330
M001	1	1315
M003	24	0030 0130 0245 0345 0500 0615 0715 0830 0930 0945 1000 1015 1045 1145 1300 1415 1515 1630 1730 1845 1945 2100 2215 2315
M110	26	0000 0045 0315 0430 0530 0600 0645 0730 0815 0845 0930 1015 1100 1130 1215 1300 1330 1415 1545 1630 1700 1845 1945 2030 2200 2230
M112	1	1315
M113	1	1315
M114	96	0000 All
M115	1	1415
M116	96	0000 All
M117	96	0000 All
M119	96	0000 All
M220	2	1115 1330
M222	1	1315
M223	1	1315
M225	1	1315
M226	1	1315
M227	1	1345

**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 during morning hours.



**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Saturday, August 7, 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	5	0815 0830 0915 1000 1045
WEST	5	0815 0830 0915 1000 1045
M001	5	0800 0815 0845 0930 1015
M003	26	0030 0130 0245 0400 0500 0615 0715 0800 0815 0830 0930 1015 1045 1200 1300 1415 1515 1630 1715 1730 1845 1945 2100 2215 2245 2315
M110	32	0000 0030 0115 0200 0245 0315 0445 0530 0600 0645 0730 0800 0815 0845 0930 1015 1100 1130 1300 1345 1415 1500 1545 1630 1700 1745 1830 1945 2030 2115 2215 2315
M112	5	0800 0815 0845 0930 1015
M113	5	0800 0815 0845 0930 1015
M114	93	0000-0815, 0845, 0915-1015, 1045-2345
M116	93	0000-0815, 0845, 0915-1015, 1045-2345
M117	93	0000-0800, 0830-0845, 0915-1015, 1045-2345
M119	93	0000-0800, 0830-0845, 0915-1015, 1045-2345
M220	5	0830 0830 0915 1000 1045
M222	6	0800 0830 0845 0930 1015 2345
M223	5	0800 0830 0845 0930 1015
M225	5	0800 0830 0845 0930 1015
M226	5	0800 0830 0845 0930 1015
M227	5	0830 0845 0930 1015 1100

**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, August 8, 2010**

Compiled by KR Birdwell, MS6418, CSM/CS&ED, 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	0																					
M003	23	0030	0130	0300	0315	0330	0345	0500	0615	0715	0830	0915	1045	1200	1300	1415	1515	1630	1730	1845	2000	2100
		2215	2315																			
M110	29	0000	0045	0200	0230	0315	0400	0445	0515	0600	0645	0730	0845	0930	1045	1130	1215	1330	1415	1445	1545	1700
		1730	1815	1900	1945	2030	2145	2230	2315													
M112	0																					
M113	2	0800	2145																			
M114	96	All																				
M115	0																					
M116	96	All																				
M117	96	All																				
M119	96	All																				
M220	0																					
M222	0																					
M223	1	1330																				
M225	5	0315	1045	1515	1615	2030																
M226	0																					
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, August 9, 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	2	1745 1915																				
WEST	2	1745 1915																				
M001	3	0900 1730 1900																				
M003	23	0030 0130 0245 0345 0500 0615 0715 0830 0900 0930 1045 1145 1300 1515 1630 1730 1845 1915 1930 1945 2100 2215 2315																				
M110	29	0030 0115 0200 0315 0400 0445 0600 0645 0715 0800 0845 0915 1015 1100 1215 1300 1345 1415 1545 1630 1730 1815 1900																				
		1915 1945 2030 2115 2215 2345																				
M112	3	0900 1730 1900																				
M113	3	0900 1730 1900																				
M114	83	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 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 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																				
M115	7	0000 0015 0030 0045 1000 1830 2000																				
M116	96	All																				
M117	96	All																				
M119	39	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 0715 0730 0745 0800 0815 0830 0845 0900 1730 1900																				
M220	4	0915 1745 1915 2015																				
M222	4	0915 0915 1730 1900																				
M223	4	0915 1145 1745 1915																				
M225	33	0915 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	4	0915 1200 1745 1915																				
M227	3	0915 1745 1915																				

**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, August 10, 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	25	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																																																		
WEST	24	0115	0130	0145	0200	0215	0230	0245	0300	0315	0330	0345	0400	0415	0430	0445	0500	0515	0530	0545	0600	0615	0630	0645	0700																																																			
M001	3	0145	1000	1245																																																																								
M003	20	0030	0130	0245	0400	0500	0615	0715	0830	0945	1045	1200	1300	1515	1630	1730	1845	2000	2100	2215	2315																																																							
M110	28	0045	0145	0200	0230	0400	0445	0515	0615	0645	0730	0815	0845	0930	1015	1045	1130	1345	1500	1530	1700	1745	1830	1915	2000	2030	2115	2215	2315																																															
M112	4	0145	1000	1015	1200																																																																							
M113	4	0145	1000	1315	1900																																																																							
M114	96	All																																																																										
M115	3	0245	1100	1300																																																																								
M116	41	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	0715	0730	0745	0800	0815	0830	0845	0900	0915	0930	0945	1015																																		
M117	96	All																																																																										
M119	1	0145																																																																										
M220	1	0200																																																																										
M222	19	0145	1115	1130	1145	1200	1215	1230	1245	1300	1315	1330	1345	1400	1415	1430	1445	1500	1515	2315																																																								
M223	1	0200																																																																										
M225	75	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	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	1800	1815	1830
M226	1	0200																																																																										
M227	1	0200																																																																										

**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*

Weak / intermittent PITS line formed on Cumberland Mts. / Plateau around 1400 hrs and produced a few isolated showers that moved NNW to SSE. None affected the ORR.

## Oak Ridge Reservation

### Daily Meteorological Tower Status Report for:

Wednesday, August 11, 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*

TOWA 1445-1530

TOWB 1600-1645

TOWC 0930-1130

TOWY 0

WEST 0

M001 31 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

M003 21 0030 0130 0245 0315 0400 0500 0615 0715 0830 0930 1045 1200 1300 1415 1515 1730 1845 2000 2100 2215 2315

M110 28 0000 0045 0200 0230 0345 0445 0515 0630 0700 0730 0845 0930 1015 1100 1145 1300 1545 1630 1700 1745 1830 1900 1945 2030 2115 2145  
2245 2315

M112 32 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

M113 31 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

M114 96 All

M115 31 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

M116 32 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

M117 96 All

M119 1 1800

M220 0

M222 1 2000

M223 0

M225 2 0030 1345

M226 0

M227 1 0215

#### 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	1445-1530	96.0	Missing data (Quarterly calibrations performed by Shaw Environmental)
Tower B	OK	1600-1645 1700-2345	96.0 67.0	Missing data (Quarterly calibrations performed by Shaw Environmental) 10m Temp Values in error (broken instrument wire)
Tower C	OK	0930-1130	90.0	Missing data (Quarterly calibrations performed by Shaw Environmental)
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

Weak / intermittent PITS line formed on Cumberland Mts. / Plateau around 1400 hrs and produced a few isolated showers that moved WNW to ESE. None affected the ORR until very late PM (2300 hrs) at ETP. A few storms moved across Norris area around 1600 hrs from Cumberland Mts.

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Thursday, August 12, 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*

TOWA 0100-0745  
TOWB 0815-0930  
TOWY 0  
WEST 0  
M001 4 1315 1330 1345 1400  
M003 22 0030 0130 0245 0400 0500 0615 0715 0830 0930 1045 1200 1300 1330 1345 1400 1415 1630 1730 1845 2100 2215 2315  
M110 31 0000 0100 0215 0315 0415 0445 0515 0545 0615 0730 0845 0930 1015 1100 1130 1215 1300 1330 1345 1400 1500 1545 1630 1700 1745 1830  
1915 1945 2030 2200 2315  
M112 40 1330 1345 1400 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  
M113 4 1315 1330 1345 1400  
M114 96 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 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 1800 1815 1830 1845 1900 1915 1930 1945 2000 2015  
2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M115 3 1430 1445 1500  
M116 3 1345 1400 1415  
M117 96 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 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  
1345 1400 1415 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  
M119 3 1345 1400 1415  
M220 5 1345 1400 1415 1415 2345  
M222 3 1345 1400 1415  
M223 3 1345 1400 1415  
M225 4 1015 1345 1400 1415  
M226 43 1330 1345 1400 1415 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  
M227 4 1330 1345 1400 1415

**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	0100-0745	71.0	Missing data (Lightning-related power failure)
Tower B	OK	0000-0930	61.0 TM10	10-m Temperature values in error (instrument wire) - Shaw Env. repaired
		0815-0930	94.0 Other	Required power failure during Shaw repairs to Temperature sensor
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**

Strom line of storms formed along outflow boundary and moved SE across ORR around 0100 hrs. Relatively organized line of Thunderstorms formed from Cumberland Mts. WSW to Southern Cumberland Plateau and Highland Rim and moved SSE across ORR around 1400-1600 hrs. ORNL received up to 0.25 inches.

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Friday, August 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)**

*Site No. Time Ranges*

TOWK 9 0900-1100  
TOWL 4 1315-1400  
TOWY 0  
WEST 0  
M001 0  
M003 21 0030 0130 0245 0345 0500 0615 0715 0830 0930 1045 1200 1300 1415 1515 1630 1730 1845 2000 2100 2215 2315  
M110 29 0000 0030 0130 0200 0245 0330 0430 0530 0615 0730 0815 0900 1015 1045 1145 1215 1300 1345 1430 1545 1715 1745 1830  
1915 2000 2030 2100 2200 2315  
M112 96 All  
M113 0  
M114 96 All  
M115 0  
M116 1 1200  
M117 96 All  
M119 1 2100  
M220 1 2145  
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	ERR	0900-1100	91.0	Missing data (Quarterly calibrations performed by Shaw Environmental Rain gauge cleared of debris.
Tower L	ERR	1315-1400	96.0	Missing data (Quarterly calibrations performed by Shaw Environmental
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

**Weather Notes**

Scattered line of thunderstorms formed on Cumberland Mts./Plateau around 1400-1600 hrs but did not move into the Great Valley.

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Saturday, August 14, 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	3	1545 2000 2045
WEST	3	1545 2000 2045
M001	3	1530 1945 2030
M003	22	0030 0130 0245 0400 0500 0615 0715 0830 0930 1045 1200 1300 1415 1515 1630 1845 1945 2000 2030 2100 2215 2315
M110	33	0000 0045 0115 0215 0300 0330 0400 0445 0530 0700 0730 0815 0900 0945 1100 1145 1230 1300 1345 1415 1515 1545 1630 1715 1800 1830 1915 2000 2030 2100 2145 2230 2300
M112	96	All
M113	3	1530 1945 2030
M114	96	All
M115	3	1630 2045 2130
M116	4	1245 1545 2000 2045
M117	96	All
M119	4	1045 1530 1945 2030
M220	4	0415 1545 2000 2045
M222	3	1545 2000 2045
M223	3	1545 2000 2045
M225	5	0500 0600 1545 2000 2045
M226	96	All
M227	3	1545 2000 2045

**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*

Scattered line of thunderstorms moved from SSE to NNW across ORR around 1600 hrs.



**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Sunday, August 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																			
TOWY	1	1800																			
WEST	1	1800																			
M001	1	1745																			
M003	21	0030 0245 0315 0330 0400 0500 0615 0715 0830 1045 1200 1300 1415 1515 1630 1745 1845 2000 2100 2215 2330																			
M110	20	0015 0045 0130 0145 0200 0300 0530 0830 1015 1115 1330 1500 1630 1700 1745 1800 1915 2100 2245 2330																			
M112	96	All																			
M113	1	1745																			
M114	96	All																			
M115	1	1845																			
M116	1	1800																			
M117	96	All																			
M119	1	1745																			
M220	1	1800																			
M222	1	1800																			
M223	1	1800																			
M225	3	0615 1445 1800																			
M226	96	All																			
M227	1	1800																			

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, August 16, 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 0715 0830  
WEST 2 0715 0830  
M001 51 0700 0815 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  
M003 24 0030 0245 0400 0500 0615 0700 0730 0815 0830 0930 1145 1200 1215 1230 1300 1415 1515 1630 1730 1845 2000 2100 2215 2315  
M110 19 0045 0115 0200 0330 0500 0700 0730 0815 0845 0945 1145 1200 1215 1330 1430 1700 1945 2015 2145  
M112 96 All  
M113 51 0700 0815 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  
M114 96 All  
M115 47 0800 0915 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  
M116 52 0715 0815 0900 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  
M117 82 0000-0730, 0815, 1045, 1145-2345  
M119 2 0700 0815  
M220 5 0715 0830 1145 1200 1215  
M222 3 0715 0745 0830  
M223 3 0715 0745 0830  
M225 3 0715 0745 0830  
M226 96 All  
M227 3 0715 0745 0830

#### 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

Weak cold front passage mid-day; broken line of thunderstorms moved N to S associated with front during mid-day and across Oak Ridge area; despite this, PITS formation develop from 1300-1600 hrs on Cumberland Escarpment, formed broken line of thundershowers which drifted W late afternoon.

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Tuesday, August 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)**

*Site No. Time Ranges*

TOWY 2 0245 2045  
WEST 3 0245 0815 2045  
M001 29 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 1245 2030  
M003 23 0030 0130 0230 0245 0400 0500 0615 0715 0830 0930 1045 1200 1300 1330 1415 1515 1745 1845 2000 2030 2100 2215 2315  
M110 21 0030 0100 0215 0345 0415 0515 0645 0730 0830 0930 1115 1300 1345 1500 1600 1745 2000 2030 2045 2245 2315  
M112 96 All  
M113 28 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 2030  
M114 96 All  
M115 32 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 0715 0730 2130  
M116 29 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 1645 2045  
M117 33 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 0715 0730 0745 2030  
M119 2 0230 2030  
M220 3 0245 0645 2045  
M222 3 0245 1245 2045  
M223 2 0245 2045  
M225 3 0245 0530 2045  
M226 96 All  
M227 2 0245 2045

**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*

Stationary front in area provided focus for slowly moving rain bands (isotrenpic) and embedded thundershowers that moved north across area during mid-day through evening. Most rainfall missed the Oak Ridge Reservation.

## Oak Ridge Reservation

### Daily Meteorological Tower Status Report for:

Wednesday, August 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 0

WEST 0

M001 0

M003 27 0100 0115 0130 0145 0200 0215 0245 0315 0330 0345 0500 0615 0715 0830 0945 1045 1200 1300 1415 1515 1630  
1730 1845 2000 2100 2215 2315

M110 19 0015 0130 0215 0300 0330 0615 0845 1015 1100 1145 1430 1530 1715 1845 1945 2030 2130 2200 2315

M112 32 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 0715 0730 0745

M113 0

M114 96 All

M115 0

M116 1 0815

M117 7 0800 0815 0830 0845 0900 0915 0930

M119 2 2130 2145

M220 0

M222 0

M223 1 0800

M225 3 0800 0845 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*

Stationary front in area provided focus for slowly moving rain bands (isotrenpic) north of ORR / ORR finally affected significantly by rain bands and thundershowers during early evening.

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Thursday, August 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*

M001 36 0715 0730 1515 1530 1545 1600 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  
M003 50 0030 0130 0245 0400 0500 0615 0700 0715 0730 0745 0800 0830 0930 1045 1200 1300 1515 1530 1545 1600 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  
M110 45 0000 0230 0715 0730 0830 0915 1100 1130 1230 1345 1445 1515 1530 1545 1600 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  
M112 36 0715 0730 1515 1530 1545 1600 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  
M113 36 0715 0730 1515 1530 1545 1600 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  
M114 96 All  
M115 32 0815 0830 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  
M116 38 0015 0730 0745 1300 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  
M117 37 0730 0745 1300 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  
M119 37 0730 0745 1200 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  
M220 38 0315 0730 0745 0745 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  
M222 36 0730 0745 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 36 0730 0745 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 37 0730 0745 0815 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 37 0730 0745 0915 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*

Light rain during AM hours (no thunderstorms)

**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Friday, August 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	2	1245 1300
WEST	2	1245 1300
M001	90	0000-1030, 1215-2345
M003	90	0000-1030, 1215-2345
M110	90	0000-1030, 1215-2345
M112	90	0000-1030, 1215-2345
M113	90	0000-1030, 1215-2345
M114	96	All
M115	90	0000-1030, 1215-2345
M116	90	0000-1030, 1215-2345
M117	90	0000-1030, 1215-2345
M119	90	0000-1030, 1215-2345
M220	90	0000-1030, 1215-2345
M222	90	0000-1030, 1215-2345
M223	90	0000-1030, 1215-2345
M225	90	0000-1030, 1215-2345
M226	96	All
M227	90	0000-1030, 1215-2345

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:  
Saturday, August 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	1600
WEST	1	1600
M001	0	
M003	13	1615 1630 1745 1815 1830 1845 1930 2000 2030 2045 2100 2215 2315
M110	12	1600 1645 1745 1845 1915 1930 1945 2000 2100 2115 2130 2245
M112	0	
M113	0	
M114	32	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
M115	4	1600 1615 1630 1645
M116	1	1600
M117	0	
M119	1	1600
M220	1	1600
M222	0	
M223	0	
M225	0	
M226	32	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
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*

Scattered thunderstorms crossed ORR from WNW to ESE throughout day, mostly concentrated in the early evening hours.

**Oak Ridge Reservation  
Daily Meteorological Tower Status Report for:  
Sunday, August 22, 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	3	1615 1630 1645
WEST	3	1615 1630 1645
M001	0	
M003	22	0030 0145 0300 0400 0500 0615 0715 0830 0915 0945 1045 1200 1300 1415 1515 1630 1745 1845 2000 2100 2215 2330
M110	21	0000 0100 0245 0315 0415 0445 0615 0815 0845 1015 1100 1230 1315 1345 1430 1630 1715 1815 1915 1945 2145
M112	0	
M113	0	
M114	96	All
M115	0	
M116	2	0100 1015
M117	7	1445 1530 1545 2000 2015 2030 2045
M119	0	
M220	1	1630
M222	0	
M223	0	
M225	1	0400
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*

Cold front passage



**Oak Ridge Reservation**  
**Daily Meteorological Tower Status Report for:**  
**Monday, August 23, 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	0	
M003	26	0030 0100 0115 0130 0145 0245 0400 0515 0615 0730 0745 0800 0815 0830 0945 1100 1200 1315 1415 1530 1630 1730 1845 2000 2100 2315
M110	26	0045 0130 0245 0330 0415 0530 0615 0700 0745 0815 0900 0945 1115 1145 1215 1430 1515 1545 1715 1745 1915 2000 2045 2145 2230 2345
M112	0	
M113	0	
M114	96	All
M115	0	
M116	0	
M117	1	1045
M119	0	
M220	0	
M222	0	
M223	0	
M225	0	
M226	96	All
M227	1	2330

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, August 24, 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	0																					
M003	21	0030	0130	0245	0400	0500	0615	0715	0830	0945	1045	1200	1300	1415	1515	1630	1745	1845	2000	2100	2215	2315
M110	25	0045	0130	0215	0300	0330	0400	0500	0545	0700	0745	0900	0945	1030	1145	1230	1300	1345	1515	1600	1800	1915
		2030	2115	2145	2245																	
M112	0																					
M113	0																					
M114	96	All																				
M115	0																					
M116	2	0015	1645																			
M117	3	0830	1330	1600																		
M119	0																					
M220	0																					
M222	0																					
M223	0																					
M225	1	0945																				
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:**

**Wednesday, August 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)

Site	No.	Time Ranges
TOWY	0	
WEST	0	
M001	0	
M003	21	0030 0130 0245 0400 0500 0615 0715 0830 0945 1045 1200 1300 1415 1515 1630 1730 1845 2000 2100 2215 2330
M110	25	0030 0115 0200 0300 0415 0545 0700 0745 0830 1030 1115 1145 1315 1415 1500 1600 1645 1745 1845 1930 2000 2030 2130 2215 2330
M112	0	
M113	0	
M114	96	All
M115	0	
M116	2	0700 0845
M117	48	0100 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
M119	0	
M220	1	1345
M222	0	
M223	0	
M225	2	1115 2015
M226	96	All
M227	0	

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

Site	Status	Time Ranges	Pct Recovery	Special Notes
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, August 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)**

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																											
TOWY	5	0900	0915	0930	1330	2345																							
WEST	5	0900	0915	0930	1330	2345																							
M001	5	0845	0900	0915	0930	2330																							
M003	20	0030	0145	0245	0400	0500	0615	0730	0830	0900	0915	0930	1415	1530	1630	1730	1845	2000	2100	2215	2315								
M110	18	0000	0200	0300	0515	0545	0745	0830	0900	0915	0930	1330	1400	1645	1730	1815	2100	2200	2330										
M112	6	0000	0845	0900	0915	0930	2330																						
M113	5	0845	0900	0915	0930	2330																							
M114	81	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	0715	0730	0745	0800	0815	0830	0845	0900	0915	0930	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	
M115	4	1330	1345	1400	1415																								
M116	5	0845	0915	0930	1330	2330																							
M117	81	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	0715	0730	0745	0800	0815	0830	0845	0915	0930	1330	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	
M119	5	0845	0915	0930	1330	2330																							
M220	5	0915	0930	1330	1330	2345																							
M222	5	0900	0915	0930	1330	2345																							
M223	5	0900	0915	0930	1330	2345																							
M225	5	0900	0915	0930	1330	2345																							
M226	81	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	0715	0730	0745	0800	0815	0830	0900	0915	0930	1330	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	2345	2345	
M227	5	0900	0915	0930	1330	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:**  
**Friday, August 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																				
TOWY	0																					
WEST	0																					
M001	0																					
M003	21	0030	0145	0245	0345	0500	0615	0715	0830	0930	1045	1200	1300	1415	1515	1630	1745	1845	2000	2100	2215	2315
M110	16	0000	0045	0400	0500	0630	0915	1200	1315	1415	1515	1600	1730	1830	1915	1945	2315					
M112	0																					
M113	0																					
M114	96	All																				
M115	1	0030																				
M116	0																					
M117	96	All																				
M119	0																					
M220	0																					
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:**  
**Saturday, August 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	0	
M003	21	0030 0130 0230 0245 0400 0500 0615 0715 0830 0930 1045 1300 1415 1515 1630 1745 1845 2000 2100 2215 2315
M110	13	0015 0230 0515 0645 0830 0945 1130 1300 1645 1745 2045 2145 2345
M112	0	
M113	0	
M114	96	All
M115	0	
M116	0	
M117	96	All
M119	23	1815 1830 1845 1900 1915 1930 1945 2000 2015 2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315
		2330 2345
M220	0	
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*

Showers crossed areas from SE to NW around 1600 to 1700 hrs.

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Sunday, August 29, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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	0	
M003	21	0030 0145 0245 0400 0500 0615 0730 0830 0945 1045 1200 1315 1415 1530 1630 1730 1845 2000 2100 2215 2315
M110	11	0100 0200 0545 0630 0730 0830 1330 1645 1830 1945 2100
M112	0	
M113	0	
M114	96	All
M115	0	
M116	0	
M117	96	All
M119	96	All
M220	0	
M222	0	
M223	1	2045
M225	1	2000
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	1645-1945	83.0 All	Power failure (unknown cause) Sodar modem repaired 08/30/10 at 1030hrs
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, August 30, 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 4 1715 1730 1745 2130  
WEST 4 1715 1730 1745 2130  
M001 4 1700 1715 1730 1745  
M003 20 0030 0245 0400 0500 0615 0715 0830 0945 1045 1200 1300 1415 1515 1630 1700 1715 1730 1745 2215 2315  
M110 14 0100 0330 0415 0500 0830 1115 1300 1400 1545 1630 1700 1715 1730 1745  
M112 43 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 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M113 4 1700 1715 1730 1745  
M114 82 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 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 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M115 4 2130 2145 2200 2215  
M116 4 1700 1730 1745 2130  
M117 82 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 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 1730 1745 2130 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M119 82 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 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 1730 1745 2130 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M220 4 1730 1745 2130 2130  
M222 4 1715 1730 1745 2130  
M223 4 1715 1730 1745 2130  
M225 5 0345 1715 1730 1745 2130  
M226 82 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 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 1715 1730 1745 2130 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345  
M227 4 1715 1730 1745 2130

**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	

Sodar modem repaired 08/30/10 at 1030hrs

*Weather Notes*

None.



**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Tuesday, August 31, 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	0																						
M003	21	0030	0130	0245	0400	0500	0615	0715	0830	0930	1045	1200	1300	1415	1515	1630	1730	1845	2000	2100	2215	2315	
M110	12	0015	0145	0230	0345	0645	1000	1500	1715	1915	1945	2030	2115										
M112	96	All																					
M113	0																						
M114	96	All																					
M115	0																						
M116	0																						
M117	96	All																					
M119	96	All																					
M220	8	1230	1415	1445	1615	1815	1915	2130	2230														
M222	0																						
M223	0																						
M225	1	0230																					
M226	96	All																					
M227	1	2115																					

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.