

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

Kevin R. Birdwell
Computational Science and Engineering Division
Oak Ridge National Laboratory

June 2012

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
TOWS	Tower S	MT11	Y12	352		25
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:

Friday, June 1, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 17 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430
M222 45 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
TOWY 0
TOWS 0
WEST 0
TVAW 11 0045 1900 1930 2000 2030 2100 2130 2200 2230 2300 2330
TVCR 76 0030 0115 0130 0145 0200 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

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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, June 2, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	8	0745 0800 0815 0830 0900 0915 1000 1045
TOWB	8	0745 0800 0815 0830 0900 0915 1000 1045
TOWC	7	0745 0800 0815 0830 0900 0915 1000
TOWK	23	0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315
TOWL	23	0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315
TOWM	8	0745 0800 0815 0830 0900 0915 1000 1045
M115	2	0000 0015
M222	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
TOWY	0	
TOWS	0	
WEST	0	
TVAW	24	0030 0100 0130 0200 0230 0300 0330 0400 0430 0500 0530 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0900 1600 1630
TVCR	41	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 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	ERR	0800-1300	78.0	Missing data (Data logger lock up - rebooted 1308 hrs)
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	ERR	0800-0930	93.0	Missing data (power failure)
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Sunday, June 3, 2012**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149**MISSING DATA STATUS – ALL TOWERS (15-Minute Data)***Site No. Time Ranges*

TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 4 0000 0015 0030 1615
M222 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
TOWY 1 1530
TOWS 1 1530
WEST 1 1530
TVAW 9 0045 1345 1415 1445 1515 1545 2230 2300 2330
TVCR 5 0115 0130 0145 0200 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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, June 4, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email 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>
TOWA	3	0930 0945 1000
TOWB	3	0930 0945 1000
TOWC	3	0930 0945 1000
TOWK	3	0930 0945 1000
TOWL	3	0930 0945 1000
TOWM	3	0930 0945 1000
M115	0	
M222	40	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 0945 1000
TOWY	2	0945 1000
TOWS	2	0945 1000
WEST	2	0945 1000
TVAV	16	0000 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0500 0530 0600 0945 1000
TVCR	8	0100 0115 0130 0145 0200 0430 0945 1000

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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Tuesday, June 5, 2012**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149**MISSING DATA STATUS – ALL TOWERS (15-Minute Data)***Site No. Time Ranges*

TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 2 0000 0015
M222 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
TOWY 0
TOWS 0
WEST 0
TVAW 27 0100 0915 0930 1000 1030 1100 1130 1200 1245 1315 1345 1415 1445 1700 1730 1800 1830 1900 1930 2000 2030
2100 2130 2200 2230 2300 2330
TVCR 51 0100 0115 0130 0145 0200 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

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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Line of thundershowers crossed area early AM.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, June 6, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

Site # Missing Times

TOWA 0

TOWB 0

TOWC 0

TOWK 0

TOWL 0

TOWM 0

M115 0

M222 48 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

TOWY 0

TOWS 0

WEST 0

TVAW 7 0030 0100 0130 0200 0230 0300 1145

TVCR 95 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

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 S OK 100.0

Tower W OK 100.0

Tower Y OK 100.0

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, June 7, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

Site # Missing Times

TOWA 0

TOWB 0

TOWC 0

TOWK 0

TOWL 0

TOWM 0

M115 0

M222 0

TOWY 0

TOWS 1 1730

WEST 1 1730

TVAW 26 0100 0445 0500 0530 0600 0630 0700 0730 0800 0830 0900 0915 0945 1015 1045 1115 1145 1430 1500 1530 1730
1900 2130 2200 2230 2300

TVCR 37 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 1645

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 S OK 100.0

Tower W OK 100.0

Tower Y OK 100.0

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, June 8, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

Site # Missing Times

TOWA	0								
TOWB	0								
TOWC	0								
TOWK	0								
TOWL	0								
TOWM	0								
M115	2	1145	2345						
M222	0								
TOWY	0								
TOWS	0								
WEST	0								
TVAW	6	0100	2200	2215	2245	2315	2345		
TVCR	7	0100	0115	0130	0145	0200	0715	2200	

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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, June 9, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	11	0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030
TOWB	11	0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030
TOWC	11	0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030
TOWK	11	0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030
TOWL	11	0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030
TOWM	11	0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030
M115	43	0000 0015 0030 0045 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
M222	39	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
TOWY	42	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
TOWS	42	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
WEST	42	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
TVAW	25	0015 0045 0130 0200 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600
		1630 1700 1730 1800
TVCR	6	0115 0130 0145 0200 0330 1330

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	0800-1045	88.0	Missing data (Scheduled power outage)
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, June 10, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0										
TOWB	0										
TOWC	0										
TOWK	0										
TOWL	0										
TOWM	0										
M115	0										
M222	0										
TOWY	0										
TOWS	0										
WEST	0										
TVAV	9	0100	2000	2030	2100	2130	2200	2230	2300	2330	
TVCR	8	0100	0115	0130	0145	0200	0345	1830	1900		

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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, June 11, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	1	1400																		
TOWB	1	1400																		
TOWC	3	1400	1415	2245																
TOWK	4	1015	1400	1415	2245															
TOWL	4	1015	1400	1415	2245															
TOWM	4	1230	1400	1415	2245															
M115	26	0415	0430	0445	0500	0515	0545	0545	0600	0615	0630	0645	0700	0715	0730	0745	0800	0815	0830	0845
		0900	0915	0930	0945	1000	1015	1030												
M222	30	0315	0330	0400	0415	0415	0430	0445	0500	0515	0545	0545	0600	0615	0630	0645	0700	0715	0730	0745
		0800	0815	0830	0845	0900	0915	0930	1845	1900	1915	1930								
TOWY	26	0330	0400	0415	0415	0430	0445	0500	0515	0545	0545	0600	0615	0630	0645	0700	0715	0730	0745	0800
		0815	0830	0845	0900	0915	0930	0945												
TOWS	26	0330	0400	0415	0415	0430	0445	0500	0515	0545	0545	0600	0615	0630	0645	0700	0715	0730	0745	0800
		0815	0830	0845	0900	0915	0930	0945												
WEST	26	0330	0400	0415	0415	0430	0445	0500	0515	0545	0545	0600	0615	0630	0645	0700	0715	0730	0745	0800
		0815	0830	0845	0900	0915	0930	0945												
TVAW	24	0000	0030	0100	0115	0145	0200	0230	0300	0330	0400	0415	0430	0500	0545	1015	1045	1115	1200	1215
		1245	1315	1345	1415	1445														
TVCR	10	0100	0115	0130	0145	0200	0400	0415	0545	0815	1200									

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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, June 12, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0																	
TOWB	0																	
TOWC	0																	
TOWK	0																	
TOWL	0																	
TOWM	0																	
M115	2	0000	0015															
M222	0																	
TOWY	1	1345																
TOWS	2	1015	1345															
WEST	1	1345																
TVAW	11	0045	1130	1200	2015	2045	2115	2145	2215	2245	2315	2345						
TVCR	6	0115	0130	0145	0200	0745	1430											

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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Thundershowers crossed area between 0300-0600 hrs.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, June 13, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0																			
TOWB	0																			
TOWC	0																			
TOWK	0																			
TOWL	0																			
TOWM	0																			
M115	3	0000	0015	1845																
M222	7	0830	0845	0900	1745	1900	1915	2345												
TOWY	3	1515	1545	1800																
TOWS	3	1515	1545	1800																
WEST	3	1515	1545	1800																
TVAW	15	0015	0100	0130	0200	0215	0245	0315	0345	0415	0445	0515	0545	1130	1330	1400				
TVCR	7	0100	0115	0130	0145	0200	0515	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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, June 14, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	22	1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 2115 2200 2315 2330
TOWB	22	1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 2115 2200 2315 2330
TOWC	21	1100 1115 1130 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 2115 2200 2315 2330
TOWK	33	1000 1015 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330
TOWL	33	1000 1015 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330
TOWM	21	1100 1115 1130 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 2115 2200 2315 2330
M115	2	0000 0015
M222	4	1445 2245 2300 2330
TOWY	2	2300 2330
TOWS	2	2300 2330
WEST	2	2300 2330
TVAW	21	0045 1330 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 1945 2015 2045 2115 2145 2300 2330
TVCR	16	0115 0130 0145 0200 1045 1100 1115 1130 1145 1200 1230 1245 1300 1315 1330 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	ERR	2045-2345	83.0	Missing data (Logger error due to lightning strike) Met card(s) damaged and replaced by Shaw Environmental on 06/15/2012 at 1330 hrs.
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Severe thunderstorm affected ORNL and ETPP from 2000-2200 hrs

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, June 15, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	22	0000	0115	0215	0300	0345	0445	0500	0545	0600	0615	0630	0645	0700	0715	0730	0745	0800	0815	0830	1215	2245	2300					
TOWB	22	0000	0115	0215	0300	0345	0445	0500	0545	0600	0615	0630	0645	0700	0715	0730	0745	0800	0815	0830	1215	2245	2300					
TOWC	22	0000	0115	0215	0300	0345	0445	0500	0545	0600	0615	0630	0645	0700	0715	0730	0745	0800	0815	0830	1215	2245	2300					
TOWK	40	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	0930	1145	1215	2245	2300													
TOWL	40	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	0930	1145	1215	2245	2300													
TOWM	22	0000	0115	0215	0300	0345	0445	0500	0545	0600	0615	0630	0645	0700	0715	0730	0745	0800	0815	0830	1215	2245	2300					
M115	1	0000																										
M222	4	0715	2215	2245	2300																							
TOWY	2	2245	2300																									
TOWS	3	1000	2245	2300																								
WEST	3	2215	2245	2300																								
TVAW	31	0030	0100	0230	0300	0330	0400	0430	0500	0530	0600	0630	0700	0730	0800	0830	0900	0930	1000	1030	1100	1130	1200	1230	1300	1330	1400	
		1430	1500	2215	2245	2300																						
TVCR	9	0100	0115	0130	0145	0200	0500	2200	2245	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	ERR	0000-1245	46.0	Missing data (Logger error due to lightning strike) Met card(s) damaged and replaced by Shaw Environmental on 06/15/2012 at 1300 hrs.
	ERR	0000-2030	14.0	10m Temperature values in error
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, June 16, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0								
TOWB	0								
TOWC	0								
TOWK	0								
TOWL	0								
TOWM	0								
M115	2	0000	0015						
M222	3	0815	0830	0845					
TOWY	0								
TOWS	0								
WEST	0								
TVAW	1	0100							
TVCR	6	0100	0115	0130	0145	0200	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		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	ERR	0700-1545 1700-1945	50.0	10m Temperature values in error
	OK		100.0	Other
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, June 17, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

```
TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 1 0000
M222 0
TOWY 0
TOWS 1 0615
WEST 0
TVAV 23 0045 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1145 1200 1230
1300 1330
TVCR 8 0115 0130 0145 0200 0600 1145 1715 2145
```

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	0800-2145	60.0	10m Temperature values in error
	OK		100.0	Other
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, June 18, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	1	1115																		
TOWB	1	1115																		
TOWC	1	1115																		
TOWK	3	1115	1130	1530																
TOWL	3	1115	1130	1530																
TOWM	1	1115																		
M115	17	0600	0615	0630	0645	0700	0715	0730	0745	0800	0815	0830	0845	0900	0915	0930	0945	1000		
M222	19	0500	0515	0530	0545	0600	0615	0630	0645	0700	0715	0730	0745	0800	0815	0830	0845	0900	2100	2330
TOWY	0																			
TOWS	0																			
WEST	0																			
TVAW	4	0100	0200	2300	2330															
TVCR	6	0100	0115	0130	0145	0200	1230													

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	0800-1245	80.0	10m Temperature values in error
	OK		100.0	Other
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Tuesday, June 19, 2012**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085
Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 0
M222 7 0000 0715 1800 1815 1830 1845 1930
TOWY 1 1300
TOWS 1 1300
WEST 1 1300
TVAW 32 0000 0030 0115 0145 0200 0230 0315 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0900 1115 1145 1215
1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745
TVCR 9 0100 0115 0130 0145 0200 0300 0315 1115 1545

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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes
None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, June 20, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0																			
TOWB	0																			
TOWC	0																			
TOWK	0																			
TOWL	0																			
TOWM	0																			
M115	1	0015																		
M222	7	1445	1500	1600	1900	1915	1930	2230												
TOWY	0																			
TOWS	0																			
WEST	0																			
TVAV	18	0100	1230	1300	1330	1400	1430	1500	1530	1600	1630	1700	1745	2115	2145	2215	2245	2315	2345	
TVCR	8	0100	0115	0130	0145	0200	0645	1745	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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, June 21, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email 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>
TOWA	1	0945
TOWB	1	0945
TOWC	3	0945 1000 1015
TOWK	3	0945 1000 1015
TOWL	3	0945 1000 1015
TOWM	3	0945 1000 1015
M115	0	
M222	5	0500 0615 0630 0900 1030
TOWY	0	
TOWS	1	1345
WEST	1	1345
TVAW	13	0015 0100 0130 0200 0215 0245 0315 0345 0415 0445 0515 0545 0615
TVCR	56	0100 0115 0130 0145 0200 1115-2345

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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, June 22, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site	No.	Time Ranges
TOWA	0	
TOWB	0	
TOWC	0	
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	1	2130
TOWY	20	1400 1445 1500 1515 1630 1645 1700 1715 1745 1800 1815 1915 2000 2100 2130 2130 2230 2300 2300 2330
TOWS	40	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 2100 2100 2130 2130 2145 2200 2215 2230 2300 2300 2315 2330 2345
WEST	20	1400 1445 1500 1515 1630 1645 1700 1715 1745 1800 1815 1915 2000 2100 2130 2130 2230 2300 2300 2330
TVAW	8	0100 2030 2100 2130 2200 2230 2300 2330
TVCR	96	0000-2345

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	ERR	0600-2345	75.0	TM10 10m Temperature values in error
	OK		100.0	Other
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Early AM thundershowers crossed area.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, June 23, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0	
TOWB	0	
TOWC	0	
TOWK	0	
TOWL	0	
TOWM	0	
M115	1	0000
M222	16	0300 0315 0330 0345 0400 0415 0430 0500 0500 0530 0530 0600 0600 0615 1945 2000
TOWY	46	0030 0030 0100 0100 0130 0200 0230 0230 0330 0430 0500 0530 0530 0600 0700 0700 0830 0845 0915 1000 1115 1215 1245 1245 1345 1345 1415 1515 1615 1630 1645 1730 1745 1800 1815 1830 1900 1945 2015 2045 2130 2145 2215 2300 2330 2345
TOWS	96	0000 0030 0030 0100 0100 0130 0130 0200 0200 0230 0230 0245 0300 0315 0330 0345 0400 0415 0430 0500 0500 0530 0530 0600 0600 0615 0630 0700 0700 0715 0730 0745 0800 0815 0830 0845 0915 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1245 1245 1300 1315 1345 1345 1415 1415 1430 1445 1515 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
WEST	46	0030 0030 0100 0100 0130 0200 0230 0230 0330 0430 0500 0530 0530 0600 0700 0700 0830 0845 0915 1000 1115 1215 1245 1245 1345 1345 1415 1515 1615 1630 1645 1730 1745 1800 1815 1830 1900 1945 2015 2045 2130 2145 2215 2300 2330 2345
TVAW	25	0030 0100 0130 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0915 1215 1245 1315 1345 1415 1445 1515 1545 1615
TVCR	96	0000-2345

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	ERR	0000-2345	0.0	TM10 10m Temperature values in error
	OK		100.0	Other
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, June 24, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 23 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730
M222 23 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630
TOWY 55 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645
0815 0845 0915 0945 1015 1115 1200 1300 1345 1415 1430 1445 1500 1515 1530 1600 1630 1645 1845 1900 1945 2015 2045 2115 2115
2145 2215 2215 2245 2245 2315 2345
TOWS 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 2015 2015 2030 2045 2115 2115 2130 2145 2215 2215 2245 2245 2300 2315 2330 2345
WEST 55 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645
0815 0845 0915 0945 1015 1115 1200 1300 1345 1415 1430 1445 1500 1515 1530 1600 1630 1645 1845 1900 1945 2015 2045 2115 2115
2145 2215 2215 2245 2245 2315 2345
TVAW 9 0100 2015 2045 2115 2145 2215 2245 2315 2345
TVCR 96 0000-2345

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	ERR	0000-2345	0.0	TM10 10m Temperature values in error
	OK		100.0	Other
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, June 25, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 1 1430
TOWB 1 1430
TOWC 1 1430
TOWK 1 1430
TOWL 10 1145 1200 1215 1230 1245 1300 1315 1345 1430 1530
TOWM 1 1430
M115 8 0015 1045 1945 2000 2015 2030 2045 2100
M222 7 0945 1845 1900 1915 1930 1945 2000
TOWY 29 0015 0015 0045 0130 0215 0215 0245 0315 0330 0345 0415 0430 0500 0500 0530 0615 0630 0700 0715 0815 0830
1000 1745 1900 1915 1930 1945 2000 2015
TOWS 60 0015 0015 0045 0045 0100 0115 0130 0145 0215 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0500 0500
0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0900 0945 1000 1100 1115 1145 1200 1215
1230 1245 1330 1430 1445 1500 1530 1700 1730 1745 1900 1915 1930 1945 2000 2015 2315
WEST 29 0015 0015 0045 0130 0215 0215 0245 0315 0330 0345 0415 0430 0500 0500 0530 0615 0630 0700 0715 0815 0830
1000 1745 1900 1915 1930 1945 2000 2015
TVAW 11 0015 0045 0100 0115 0215 0245 0500 0930 1000 1015 1045
TVCR 44 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 1400 1415 1600
1615

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	0000-2345	0.0	TM10 10m Temperature values in error
	OK		100.0	Other
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Cold frontal passage during evening hours.

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Tuesday, June 26, 2012**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149**MISSING DATA STATUS – ALL TOWERS (15-Minute Data)***Site No. Time Ranges*

TOWA	0																				
TOWB	0																				
TOWC	0																				
TOWK	0																				
TOWL	0																				
TOWM	0																				
M115	2	0000	0015																		
M222	6	0815	0830	0845	1630	1645	1900														
TOWY	0																				
TOWS	3	0315	1345	1400																	
WEST	0																				
TVAW	19	0100	0900	0930	1015	1645	1715	1745	1815	1845	1915	2000	2015	2045	2115	2145	2215	2245	2315	2345	
TVCR	20	0100	0115	0130	0145	0200	0700	1000	1015	1330	1345	1400	1415	1430	1445	1500	1515	1530	1545	2000	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	ERR	0000-1545	67.0	TM10 10m Temperature values in error (repaired by Shaw Environmental at 1545 hours - wiring coupling replaced)
	ERR	1030-1130, 1400-1545	86.0	TM30, BP 30m Temp, BP values in error (maintenance work by Shaw Environmental)
	ERR	1500-1515	98.0	Solar Solar radiation values in err (maintenance work by Shaw Environmental)
	OK		100.0	Other
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, June 27, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 1 1215

TOWB 1 1215

TOWC 1 1215

TOWK 1 1215

TOWL 1 1215

TOWM 1 1215

M115 2 0000 1300

M222 1 1200

TOWY 1 1215

TOWS 5 0345 0430 1215 1315 2315

WEST 1 1215

TVAV 21 0015 0100 0130 0200 0215 0245 0315 0345 0415 0445 1245 1800 1900 2015 2030 2100 2130 2200 2230 2300 2330

TVCR 11 0100 0115 0130 0145 0200 1145 1245 1645 1900 1945 2015

<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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, June 28, 2012

Compiled by KR Birdwell, MS6418, CSM/CS&ED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

Site # Missing Times

TOWA 0

TOWB 0

TOWC 0

TOWK 0

TOWL 0

TOWM 0

M115 1 1545

M222 58 0745 0800 0815 0830 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

TOWY 0

TOWS 5 0000 0015 1330 2130 2245

WEST 0

TVAW 96 All

TVCR 96 All

<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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Record High Temp of 102F set at KOQT (Oak Ridge)

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, June 29, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 6 0200 0330 0430 1430 1700 2330
TOWK 6 0200 0330 0430 1430 1700 2330
TOWL 6 0200 0330 0430 1430 1700 2330
TOWM 6 0200 0330 0430 1430 1700 2330
M115 1 0000
M222 44 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 1745 2315 2330
2345
TOWY 0
TOWS 5 0200 0500 0815 1730 2345
WEST 0
TVAW 53 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 2315 2345
TVCR 52 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 2000

<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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Record High Temp of 104F set at KOQT (Oak Ridge)

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, June 30, 2012

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.241.8085

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 7 0345 0745 0830 1215 1430 1545 2130
TOWK 7 0345 0745 0830 1215 1430 1545 2130
TOWL 7 0345 0745 0830 1215 1430 1545 2130
TOWM 7 0345 0745 0830 1215 1430 1545 2130
M115 65 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
M222 71 0000 0300 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
TOWY 0
TOWS 4 1500 1800 2245 2315
WEST 0
TVAW 27 0015 0100 0130 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 1930
2000 2030 2100 2130 2200 2230
TVCR 11 0100 0115 0130 0145 0200 0945 1000 1015 1030 1045 1230

<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 S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Record High Temp of 1045 set at KOQT (Oak Ridge) – Tied All Time Record High