

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

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Oak Ridge National Laboratory

**October 2013**

**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
M115	T115	Morristown NWS	NOAA			
M222	T222	Purchase Knob, NC	NOAA			

## Oak Ridge Reservation

### Daily Meteorological Tower Status Report for:

Tuesday, October 1, 2013

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	2	1145 2345
TOWB	2	1145 2345
TOWC	2	1145 2345
TOWK	2	1145 2345
TOWL	2	1145 2345
TOWM	2	1145 2345
M115	96	0000-2345
M222	79	0000-1045, 1515-2345
TOWY	0	
TOWS	0	
WEST	0	
TVAW	4	0100 1145 2315 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	Other
Tower C	ERR	0000-0145 0400-0545 0700-2345	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0845 1000-1045 1800-2245	37.0	WS30 30m Wind Speed values anomalously low (threshold error)
	ERR	2200-2245	96.0	WS100 100m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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

Heavy AM Fog

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Wednesday, October 2, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

*Site No. Time Ranges*

TOWA 1 2345  
TOWB 1 2345  
TOWC 1 2345  
TOWK 1 2345  
TOWL 1 2345  
TOWM 1 2345  
M115 96 0000-2345  
M222 61 0000-1100, 2000-2345  
TOWY 1 0015  
TOWS 2 0015 2345  
WEST 1 0015  
TVAW 36 0015 0045 0100 0115 0145 0215 0245 0315 0345 0415 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430  
1500 1530 1600 1630 1700 1730 1800 1830 1900 1930 2000 2030 2100 2130 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	Other
Tower C	ERR	0000-0845 1000-2145 2300-2345	8.0	TM100 100m Temp. values in error (wiring error)
	ERR	1800-1845 2000-2345	80.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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**

**M Fog**

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Thursday, October 3, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	75	0000-1115 1645-2345
TOWY	1	0015
TOWS	1	0015
WEST	1	0015
TVAW	7	0100 0315 0415 0715 0745 0815 1115

**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	Other
Tower C	ERR	0000-0545 0700-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0045 0200-0245 2000-2145 2300-2345	80.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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**

M Fog

**Oak Ridge Reservation****Daily Meteorological Tower Status Report for:****Friday, October 4, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

Site	No.	Time Ranges
TOWA	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	2	1445 2345
TOWM	1	2345
M115	96	0000 -2345
M222	64	0000-1130, 1945-2345
TOWY	2	0000 0845
TOWS	2	0000 0845
WEST	2	0000 0845
TVAW	29	0100 0800 0930 1000 1030 1100 1130 1200 1230 1300 1330 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 1930 2000 2030 2100 2130 2200 2315 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 Other	
Tower C	ERR	0000-2345	0.0 TM100	100m Temp. values in error (wiring error)
	ERR	0000-0245	80.0 WS30	30m Wind Speed values anomalously low (threshold error)
		0400-0445		
		1800-1845		
		2000-2045		
	2300-2345			
ERR	1800-1845	80.0 WS100	30m Wind Speed values anomalously low (threshold error)	
	2000-2245			
	OK		100.0 Other	
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

M Fog

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Saturday, October 5, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000-2345

M222 48 0000-1145

TOWY 1 0015

TOWS 1 0015

WEST 1 0015

TVAW 26 0015 0045 0100 0115 0145 0215 0245 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845  
0915 0945 1015 1045 1115 1145 1215

**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	Other
Tower C	ERR	0000-0945 1100-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0345 0800-0845 1900-2345	58.0	WS30 30m Wind Speed values anomalously low (threshold error)
	ERR	1200-1245	96.0	WS100 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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:**

**Sunday, October 6, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000-2345

M222 0

TOWY 0

TOWS 0

WEST 0

TVAW 20 0100 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 1930 2000 2030 2100 2130 2200 2230  
2330

**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 Other

Tower C ERR 0000-2345 0.0 TM100

100m Temp. values in error (wiring error)

ERR 0400-0445 92.0 WS30

30m Wind Speed values anomalously low (threshold error)

0800-0845

OK 100.0 Other

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*

Strong cold front with high winds 2300 hrs



## Oak Ridge Reservation

### Daily Meteorological Tower Status Report for:

Monday, October 7, 2013

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000-2345

M222 63 0815-2345

TOWY 0

TOWS 0

WEST 0

TVAW 26 0045 0100 0130 0200 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915 0945 1015 1045 1115 1145 1215 1245 1315 1345 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 Other	
Tower C	ERR	0000-0445 0600-2345	4.0 TM100	100m Temp. values in error (wiring error)
	ERR	0500-0745	88.0 WS30	30m Wind Speed values anomalously low (threshold error)
	ERR	0700-0745	96.0 WS100	100m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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, October 8, 2013

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 2 0615 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000 -2345

M222 96 0000-2345

TOWY 1 0015

TOWS 1 0015

WEST 1 0015

TVAW 15 0100 1700 1730 1800 1830 1900 1930 2000 2030 2100 2130 2200 2230 2300 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	Other
Tower C	ERR	0000-1645 2100-2345	16.0	TM100 100m Temp. values in error (wiring error)
	ERR	2100-2245	92.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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, October 9, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000-2345

M222 96 0000-2345

TOWY 0

TOWS 1 0215

WEST 0

TVAW 35 0030 0100 0130 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0745 0815 0845 0915 0945 1015 1045 1115 1145 1215 1245 1315 1345 1415 1445  
1515 1545 1615 1645 1715 1745 1815

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-1645 2100-2345	16.0	TM100 100m Temp. values in error (wiring error)
	ERR	2100-2245	92.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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, October 10, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	96	0000-2345
TOWY	0	
TOWS	0	
WEST	0	
TVAW	5	0100 2200 2230 2300 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	Other
Tower C	ERR	0000-0645 1000-1745 1900-1945 2100-2345	20.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0245	88.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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, October 11, 2013**

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

*Site No. Time Ranges*

TOWA 1 2345  
TOWB 1 2345  
TOWC 1 2345  
TOWK 1 2345  
TOWL 1 2345  
TOWM 1 2345  
M115 96 0000-2345  
M222 96 0000-2345  
TOWY 1 0000  
TOWS 4 0000 1345 1645 1800  
WEST 1 0000  
TVAW 33 0030 0100 0130 0200 0230 0300 0430 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845  
1915 1945 2015 2045 2115 2145 2215 2245 2315 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	Other
Tower C	ERR	0000-0345 0600-1445 1600-1845 2000-2345	16.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0245 0500-0645 0900-0945 1800-2345	50.0	WS30 30m Wind Speed values anomalously low (threshold error)
	ERR	0600-0645 0900-0945	92.0	WS100 100m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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, October 12, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	17	1945-2345
TOWB	17	1945-2345
TOWC	17	1945-2345
TOWK	17	1945-2345
TOWL	17	1945-2345
TOWM	17	1945-2345
M115	96	0000-2345
M222	96	0000-2345
TOWY	1	0015
TOWS	1	0015
WEST	1	0015
TVAW	8	0015 0100 1000 1030 1100 1200 1230 1300

**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	Other
Tower C	ERR	0000-1845 2000-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0045 0200-0345 0600-0645 0900-1045 1900-2245	58.0	WS30 30m Wind Speed values anomalously low (threshold error)
	ERR	0900-1045	92.0	WS100 100m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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:**

**Sunday, October 13, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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**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 1 1545

TOWS 2 0100 1545

WEST 2 0100 1545

TVAW 27 0100 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 1945  
2015 2045 2115 2145 2215 2245 2315 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	Other
Tower C	ERR	0000-2245	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0400-0545	84.0	WS30 30m Wind Speed values anomalously low (threshold error)
		0800-0845		
		2300-2345		
	ERR	0700-0745	96.0	WS100 100m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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, October 14, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL  
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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 96 0000-2345  
 M222 96 0000-2345  
 TOWY 0  
 TOWS 0  
 WEST 0  
 TVAW 25 0100 0130 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000  
 1030 1100 1130 1200 1230 1645

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	Other
Tower C	ERR	0700-0845 1000-1845 2100-2345	50.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0045 0400-0445 0600-0645	88.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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, October 15, 2013

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000 -2345

M222 95 0000-2345

TOWY 1 0015

TOWS 3 0015 1200 2200

WEST 1 0015

TVAW 11 0100 1245 1300 1315 2030 2100 2130 2200 2230 2300 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 Other	
Tower C	ERR	0000-2045 2200-2345	4.0 TM100	100m Temp. values in error (wiring error)
	ERR	0100-0945	64.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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, October 16, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000 -2345

M222 96 0000-2345

TOWY 5 0030 1645 1845 1845 1915

TOWS 6 0030 0530 1645 1845 1845 1915

WEST 5 0030 1645 1845 1845 1915

TVAW 34 0030 0100 0130 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715  
1745 1815 1845 1915 1945 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	Other
Tower C	ERR	0000-0045 0200-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	1900-1945	96.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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, October 17, 2013

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000 -2345

M222 96 0000-2345

TOWY 0

TOWS 0

WEST 0

TVAW 1 0100

#### 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	Other
Tower C	ERR	0000-2045 2300-2345	8.0	TM100 100m Temp. values in error (wiring error)
	ERR	0100-0445 2000-2045 2200-2345	71.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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, October 18, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000 -2345

M222 96 0000-2345

TOWY 0

TOWS 1 1245

WEST 0

TVAW 44 0030 0100 0130 0200 0230 0300 0330 0400 0430 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1430 1545  
1615 1645 1715 1745 1815 1845 1915 1945 2015 2045 2115 2145 2215 2245 2315 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	Other
Tower C	ERR	0000-2145	8.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0545	46.0	WS30 30m Wind Speed values anomalously low (threshold error)
		1700-2345		
	OK		100.0	Other
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*

Heavy AM fog

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Saturday, October 19, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	96	0000-2345
TOWY	1	0015
TOWS	1	0015
WEST	1	0015
TVAW	11	0015 0045 0100 0115 0145 0215 0245 0315 0345 0415 0515

**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	Other
Tower C	ERR	0000-0845 1000-2345	8.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0045 0200-0345 0500-0945	67.0	WS30 30m Wind Speed values anomalously low (threshold error)
	ERR	0200-0345 0700-0745	88.0	WS100 100m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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:**

**Sunday, October 20, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000-2345

M222 75 0000-1530, 2100-2345

TOWY 1 0215

TOWS 3 0215 1945 2200

WEST 1 0215

TVAW 22 0100 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500 2115 2145 2215 2245 2315 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	ERR	0115-1700	29.0	Missing data (communication failure and forced power failure to restore data communication)
Tower C	ERR	1000-2345	42.0 TM100	30m Temp. values in error (wiring error)
	ERR	0000-0945	62.0 WS30	30m Wind Speed values anomalously low (threshold error)
		1800-1845		
		2000-2345		
	OK		100.0 Other	
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*

AM Fog

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Monday, October 21, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000-2345

M222 59 0000-1400

TOWY 0

TOWS 1 1645

WEST 0

TVAW 21 0015 0045 0100 0115 0145 0215 0245 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915 1045

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000-2345	0.0 TM100	30m Temp. values in error (wiring error)
	ERR	0000-0145	62.0 WS30	30m Wind Speed values anomalously low (threshold error)
		0300-0345		
		1000-1145		
		1900-1945		
		2100-2345		
	ERR	1000-1045	96.0 WS100	100m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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*

AM Fog

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Tuesday, October 22, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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 95 0000-2345

M222 14 1015 2030 2100 2100 2130 2130 2200 2200 2230 2230 2300 2300 2330 2330

TOWY 12 2100 2100 2130 2130 2200 2200 2230 2230 2300 2300 2330 2330

TOWS 13 0945 2100 2100 2130 2130 2200 2200 2230 2230 2300 2300 2330 2330

WEST 12 2100 2100 2130 2130 2200 2200 2230 2230 2300 2300 2330 2330

TVAW 23 0100 0800 0830 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 2000 2100 2130 2200 2230 2300 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	ERR	1700-1745 2100-2145	8.0 TM100	30m Temp. values in error (wiring error)
	ERR	0000-0045 1000-1045 1900-1945	88.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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*

AM Fog



**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Wednesday, October 23, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

*Site No. Time Ranges*

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000-2345

M222 69 0000-1730

TOWY 69 0000-1730

TOWS 69 0000-1730

WEST 69 0000-1730

TVAW 26 0030 0100 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915 0945 1015 1045 1115 1145 1215 1245 1315 1345 1415 1445

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000-0045 0200-1445 1800-2345	16.0 TM100	30m Temp. values in error (wiring error)
	ERR	0200-0245 2000-2345	80.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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, October 24, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	1	0000
TOWY	3	0015 1030 1130
TOWS	3	0015 1030 1645
WEST	3	0015 1030 1645
TVAW	11	0100 1830 1900 1930 2000 2030 2100 2130 2200 2230 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	ERR	0000-0045 0200-1945 2100-2345	8.0 TM100	30m Temp. values in error (wiring error)
	ERR	0000-0145 0600-0945	75.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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, October 25, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																	
TOWA	1	2345																	
TOWB	1	2345																	
TOWC	1	2345																	
TOWK	1	2345																	
TOWL	1	2345																	
TOWM	1	2345																	
M115	96	0000-2345																	
M222	0																		
TOWY	1	1645																	
TOWS	2	1645 1715																	
WEST	2	1645 1715																	
TVAW	33	0030 0100 0200 0300 0330 0400 0430 0500 0815 0845 0915 0945 1030 1045 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 2015 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	ERR	0000-0245 0700-1245 1500-1545 1700-2345	29.0 TM100	30m Temp. values in error (wiring error)
	ERR	0400-0945 1800-2345	54.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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, October 26, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	0	
TOWY	1	1200
TOWS	2	1200 1645
WEST	2	1200 1645
TVAW	4	0100 2230 2300 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	ERR	0000-0145 0300-2345	4.0 TM100	30m Temp. values in error (wiring error)
	ERR	0100-0445 0700-0945	71.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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:  
Sunday, October 27, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	23	1400-1915 2345
TOWY	3	0300 1545 1645
TOWS	8	0100 0145 0200 0300 1545 1645 1730 2015
WEST	6	0100 0200 0300 1545 1645 2015
TVAW	40	0030 0100 0130 0200 0230 0300 0330 0400 0430 0500 0530 0600 0700 0800 0900 1015 1100 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 1945 2015 2045 2115 2145 2215 2245 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	ERR	0000-1845 2000-2345	4.0 TM100	30m Temp. values in error (wiring error)
	ERR	0100-0445 0700-0845 1800-2145	58.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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, October 28, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	32	1600-2345
TOWY	7	0000 0900 1430 1445 1600 1615 1645
TOWS	6	0000 0130 0900 0930 1600 1645
WEST	4	0000 0900 1600 1645
TVAW	3	0100 0115 2100

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000-1945 2100-2345	4.0 TM100	30m Temp. values in error (wiring error)
	ERR	0000-0145 0300-0845 2200-2345	58.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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, October 29, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL  
Email [birdwellkr@ornl.gov](mailto:birdwellkr@ornl.gov), Phone: Office 865.241.8085 Cell 865.310.1527

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																
TOWA	1	2345																
TOWB	1	2345																
TOWC	1	2345																
TOWK	1	2345																
TOWL	1	2345																
TOWM	1	2345																
M115	96	0000–2345																
M222	11	0000–0230																
TOWY	18	0000 1130 1200 1230 1300 1330 1400–1645																
TOWS	17	0000 0245 1030 1130 1200 1230 1300 1330 1400–1515 1545 1615 1645																
WEST	18	0000 0245 1130 1200 1230 1300 1330 1400 1415–1615 1645																
TVAW	40	0045 0100 0130 0200 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1030 1130 1200 1230 1300 1330 1400 1545 1615 1645 1715 1745 1815 1845 1915 1945 2015 2045 2115 2145 2215 2245 2315 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	ERR	0000–0145 0300–0945 1100–2345	8.0 TM100	30m Temp. values in error (wiring error)
	ERR	0000–0245 0400–0445 0800–0945 1700–1845 2100–2345	54.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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*

AM Fog

**Oak Ridge Reservation**

**Daily Meteorological Tower Status Report for:**

**Wednesday, October 30, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	0	
TOWY	0	
TOWS	3	0115 1030 2215
WEST	0	
TVAW	11	0015 0045 0100 0115 0145 0215 0245 0315 0345 0415 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	ERR	0000-0745 0900-2345	4.0 TM100	30m Temp. values in error (wiring error)
	ERR	0000-0045 0700-0745 1900-2045 2200-2345	75.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0 Other	
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, October 31, 2013**

Compiled by KR Birdwell, Bldg 4500S, Room S238, MS6113, CSM/CSED, ORNL

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

Site	No.	Time Ranges
TOWA	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	5	2245 2300 2315 2330 2345
TOWY	0	
TOWS	0	
WEST	0	
TVAW	30	0100 0700 0730 0800 0830 0900 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600 1700 1730 1800 1900 2045 2115 2145 2215 2245 2315 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	ERR	0000-0445 0600-0645 0800-0945	67.0 WS30	30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
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