

***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

September 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:

Sunday, September 1, 2013

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

Email 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 0
TOWY 0
TOWS 1 1015
WEST 0
TVAW 26 0045 0100 0915 0945 1015 1045 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715
1745 1815 1845 1915 1945 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	Other
Tower C	ERR	0000-2345	0.0	TM100 100m Temp. values in error (wiring error)
	ERR	0300-0445	88.0	WS30 30m Wind Speed values anomalously low (threshold error)
		0600-0645		
	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 and Late afternoon thundershowers crossed area from WNW-to-ESE

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, September 2, 2013

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

Email 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 1 1200

TOWY 0

TOWS 0

WEST 0

TVAW 8 0100 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 Other	
Tower C	ERR	0000-0245	4.0 TM100	100m Temp. values in error (wiring error)
		0400-2345		
	ERR	0300-0345	88.0 WS30	30m Wind Speed values anomalously low (threshold error)
		1900-1945		
		2100-2145		
	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

Mid-Late afternoon thundershowers crossed area from WNW-to-ESE

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, September 3, 2013

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

Email 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 74 0530-2345

TOWY 0

TOWS 0

WEST 0

TVAW 12 0030 0100 0130 0200 0230 0300 0330 0400 0430 0500 0530 0630

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 0200-0745 0900-1245 1500-2345	16.0	TM100 100m Temp. values in error (wiring 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

Early AM thunderstorms crossed area from WNW-to-ESE with cold front

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, September 4, 2013

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

Email 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 17 0000 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400

TOWY 1 0015

TOWS 1 0015

WEST 1 0015

TVAW 19 0100 0845 0915 0945 1015 1115 1215 1315 1415 1445 1515 1545 1615 1645 1715 1815 1845 1915 1945

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	0000-2345	0.0	TM100 100m Temp. values in error (wiring error)
	ERR	0200-0245	88.0	WS30 30m Wind Speed values anomalously low (threshold error)
		2000-2045		
		2300-2345		
	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

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, September 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 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 26 0000-0615
M222 2 0000 0615
TOWY 1 0015
TOWS 1 0015
WEST 1 0015
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	0000-2345	0.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0445	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:****Friday, September 6, 2013**

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

Email 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	0	
TOWY	0	
TOWS	1	1645
WEST	0	
TVAW	23	0045 0100 0330 0430 0500 0530 0600 0630 0700 0800 0830 0900 0930 1000 1030 1545 1715 1815 1915 2015 2115 2215 2315

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	0000-2045	8.0	TM100
		2300-2345		
	ERR	0200-0345	84.0	WS30
		2100-2145		
		2300-2345		
	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

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, September 7, 2013

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

Email 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 1 0000
TOWY 1 0015
TOWS 2 0015 0515
WEST 1 0015
TVAW 23 0100 1245 1315 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	0000-0045 0200-0545 0700-0745 0900-2345	16.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0445 2000-2345	62.0	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, September 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)

<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	1	0015
TOWS	1	0015
WEST	1	0015
TVAW	7	0015 0045 0100 0115 0145 0215 0245

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 0800-1845 2000-2045 2200-2345	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0345 0600-0645 1800-1845 2100-2245	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

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, September 9, 2013

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

Email 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 0

TOWY 2 1430 1445

TOWS 0

WEST 0

TVAV 24 0100 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1330 1400 1430 1500 1600 1700 1800 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	Other
Tower C	ERR	0000-0945 1100-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0045 0300-0445 1800-1845 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

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, September 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	0	
TOWY	0	
TOWS	1	0145
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	0000-2345	0.0 TM100	100m Temp. values in error (wiring error)
	OK		100.0 Other	
	ERR	0200-0845 2200-2245	67.0 WS30	30m Wind Speed values anomalously low (threshold error)
	ERR	0200-0245	96.0 WS100	100m Wind Speed values anomalously low (threshold error)
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, September 11, 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 1 0000
TOWY 1 0015
TOWS 2 0015 0215
WEST 1 0015
TVAW 24 0015 0045 0100 0115 0145 0215 0245 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845
0915 0945 1015 1045 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	0000-2345	0.0	TM100 100m Temp. values in error (wiring 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, September 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)

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 1 0000

TOWY 1 0015

TOWS 1 0015

WEST 1 0015

TVAW 23 0100 1230 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 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	Other
Tower C	ERR	0000-0445 0600-0645 0800-2345	8.0	TM100 100m Temp. values in error (wiring error)
	ERR	0100-0345	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

Thundershowers crossed area early afternoon; late afternoon, and late evening. Cold front passage late evening.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, September 13, 2013

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

Email birdwellkr@ornl.gov, Phone: Office 865.241.8085 Cell 865.310.1527

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

Site No. Time Ranges

Date Applicable: 09/13/13

Site # Missing Times

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	1	0015
TOWS	1	0015
WEST	1	0015
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	0000-2345	0.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0145	80.0	WS30 30m Wind Speed values anomalously low (threshold error)
		0500-0545		
		0700-0945		
	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, September 14, 2013

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

Email 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 0
TOWY 0
TOWS 1 1030
WEST 0
TVAW 61 0045 0100 0115 0145 0230 0300 0330 0400 0430 0445 0500 0515 0530 0545 0600 0630 0645 0700 0715
0745 0815 0845 0915 0945 1015 1045 1115 1145 1215 1245 1315 1330 1400 1415 1430 1500 1515 1530 1600
1615 1630 1700 1715 1730 1800 1830 1900 1930 2000 2030 2100 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	Other
Tower C	ERR	0000-2345	0.0	TM100 100m Temp. values in error (wiring 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, September 15, 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 1 0000
TOWY 1 0015
TOWS 1 0015
WEST 1 0015
TVAW 58 0015 0045 0100 0245 0315 0345 0400 0430 0515 0545 0615 0645 0715 0730 0800 0815 0830 0900 0915
0930 1000 1030 1100 1130 1145 1200 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1545
1615 1645 1715 1745 1815 1845 1915 1945 2015 2045 2115 2130 2145 2215 2230 2245 2300 2315 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	0000-0145 0400-2345	8.0 TM100	100m Temp. values in error (wiring error)
	OK		100.0 Other	
	ERR	0100-0245 1900-2345	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:****Monday, September 16, 2013**

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

Email 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	2	0000 1130
TOWY	2	0030 1200
TOWS	4	0030 0645 1200 1900
WEST	2	0030 1200
TVAW	31	0015 0030 0100 1100 1115 1130 1145 1200 1230 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 1930 2000 2030 2100 2130 2200 2230 2300 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	0000-1445 1600-2345	4.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
	ERR	0000-0645 0800-1045	60.0	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, September 17, 2013

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

Email 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 1 0000

TOWY 1 0030

TOWS 2 0030 0345

WEST 1 0030

TVAW 57 0030 0100 0230 0300 0330 0345 0400 0430 0445 0500 0530 0545 0600 0615 0630 0645 0715 0745 0815 0845 0915 0945 1015 1045 1115 1145
1215 1230 1245 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1630 1700 1730 1800 1830 1900 1930 2000 2030 2100 2130 2200 2230
2300 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	Other
Tower C	ERR	0000-1445 1600-2345	4.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
	ERR	1800-2145	84.0	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, September 18, 2013

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

Email 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 1 0000

TOWY 1 0030

TOWS 2 0030 1445

WEST 1 0030

TVAW 10 0015 0030 0045 0100 0115 0145 0215 0245 0315 1030

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 0700-2345	20.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
	ERR	0400-0545 0700-0945	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, September 19, 2013

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

Email 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 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 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345

TOWY 0

TOWS 2 1400 2300

WEST 0

TVAV 26 0100 0200 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 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	Other
Tower C	ERR	0000-0245 0400-2345	4.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
	ERR	0500-0645 1900-2345	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, September 20, 2013

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

Email 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 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 0645

M222 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 0645

TOWY 1 0015

TOWS 1 0015

WEST 1 0015

TVAW 24 0100 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700

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	0000-2345	0.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
	ERR	0000-0245 0600-0845	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:

Saturday, September 21, 2013

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

Email 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 2 0900 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000-2345

M222 96 0000-2345

TOWY 1 0015

TOWS 2 0015 1945

WEST 1 0015

TVAW 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	Other
Tower C	ERR	0200-0245 0400-0445	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

Cold front PM

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, September 22, 2013

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

Email 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 25 0000 0030 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600

M222 25 0000 0030 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600

TOWY 1 0030

TOWS 1 0030

WEST 1 0030

TVAW 9 0015 0030 0045 0100 0345 0415 0445 0545 0615

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 0300-0445 0600-2345	92.0	TM100 100m Temp. values in error (wiring error)
	ERR	0200-0545	84.0	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, September 23, 2013**

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

Email 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 39 0000 0030 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 1800

TOWY 3 0030 1800 1815

TOWS 4 0030 0815 1800 1815

WEST 3 0030 1800 1815

TVAW 90 0030 0100 0200-2345

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	0000-1545 1700-1945 2100-2345	92.0	TM100 100m Temp. values in error (wiring error)
	ERR	2100-2345	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, September 24, 2013

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

Email 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 12 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345

TOWY 0

TOWS 0

WEST 0

TVAW 8 0015 0030 0045 0100 0700 0830 0900 0930

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 0000-0245 84.0 TM100 100m Temp. values in error (wiring error)
0500-0945
1100-1745
1900-2345

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

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, September 25, 2013

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

Email 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 38 0000-0915

TOWY 1 0015

TOWS 1 0015

WEST 1 0015

TVAW 29 0100 0545 0645 0715 0745 0815 0915 0945 1015 1045 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845
1915 1945 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	Other
Tower C	ERR	0100-0945 1100-2345	92.0	TM100 100m Temp. values in error (wiring error)
	ERR	0100-0145 0500-0545 2000-2245	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, September 26, 2013

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

Email 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 2 0600 2345
TOWB 2 0600 2345
TOWC 2 0600 2345
TOWK 2 0600 2345
TOWL 2 0600 2345
TOWM 2 0600 2345
M115 96 0000-2345
M222 53 0530 1100-2345
TOWY 2 0600 1430
TOWS 5 0530 0600 0915 1430 2230
WEST 2 0600 1430
TVAW 3 0100 0600 1130

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0200-0245 1700-1745	92.0	TM100 100m Temp. values in error (wiring error)
	ERR	0100-0245 0500-0545 2200-2345	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:

Friday, September 27, 2013

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

Email 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 40 0000-0945

TOWY 0

TOWS 0

WEST 0

TVAW 22 0100 0445 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	0000-0045 0400-0445 1900-1945 2300-2345	84.0 TM100	100m Temp. values in error (wiring error)
	ERR	0400-0645 0800-0945 2000-2045	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:

Saturday, September 28, 2013

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

Email 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 29 1645-2345

TOWY 12 2100 -2345

TOWS 13 0500 2100-2345

WEST 12 2100-2345

TVAW 25 0015 0045 0100 0115 0145 0315 0500 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500

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	0000-2345	84.0	TM100	100m Temp. values in error (wiring error)
	ERR	0300-0745	50.0	WS30	30m Wind Speed values anomalously low (threshold error)
		0900-0945			
		1800-2345			
	ERR	0900-0945	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:****Sunday, September 29, 2013**

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

Email 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 96 0000-2345

M222 96 0000-2345

TOWY 96 0000-2345

TOWS 96 0000-2345

WEST 96 0000-2345

TVAW 11 0100 1845 1915 1945 2015 2045 2115 2145 2215 2245 2315

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	0000-0045 0300-0345 0700-0945 1900-2345	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:

Monday, September 30, 2013

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

Email 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 70 0015 0045 0100 0115 0145 0145 0215 0215 0245 0245 0315 0315 0345 0345 0415 0415 0430 0445 0515 0515 0545 0545 0615 0615 0645 0645 0715 0715 0745 0745 0800

0830 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1400 1500 1815-2345

TOWY 38 0000-0800 0830 0830 0845 1430 1530

TOWS 38 0000-0800 0830 0830 0845 1430 1530

WEST 38 0000-0800 0830 0830 0845 1430 1530

TVAW 40 0015 0045 0100-0145 0215 0245 0315 0345 0415 0515 0545 0615 0645 0715 0745 0830 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600 1630

1700 1730 1800 1830 1900 1930 2000 2030

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 0500-0845 1000-1845 2000-2345	12.0 TM100	100m Temp. values in error (wiring error)
	ERR	0000-0445 0700-0745 0900-1045 1700-1745 1900-2345	42.0 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