

***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

November 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
M115	T115	Morristown NWS Office	NOAA			
M222	T222	Purchase Knob, NC	NOAA			

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	1745
TOWB	1	1745
TOWC	6	0945 1230 1245 1345 1745 2015
TOWK	1	1745
TOWL	1	1745
TOWM	1	1745
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	14	0045 1745 1815 1845 1915 1945 2015 2045 2115 2145 2215 2245 2315 2345
TVCR	6	0115 0130 0145 0200 0645 1400

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 1000-1045 1300-1345 1600-1745 2000-2245	62.5 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	2100-2145	96.0 WS30	30m wind speed in error (high bearing threshold)
	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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	2	0515 0530
TOWB	2	0515 0530
TOWC	2	0515 0530
TOWK	2	0515 0530
TOWL	2	0515 0530
TOWM	2	0515 0530
M115	0	
M222	3	0445 0515 0530
TOWY	2	0515 0530
TOWS	2	0515 0530
WEST	2	0515 0530
TVAV	12	0030 0100 0130 0200 0215 0245 0315 0345 0415 0445 0515 0530
TVCR	9	0030 0045 0100 0115 0130 0145 0200 0515 0530

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 1000-1145 1300-1445 1600-1845	62.5 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0500-0645	92.0 WS30	30m wind speed in error (high bearing threshold)
	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, November 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 0
M222 0
TOWY 0
TOWS 0
WEST 0
TVAW 0
TVCR 0

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	1400-2245	62.5 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0000-0245		
		1800-2045	75.0 WS30	30m wind speed in error (high bearing threshold)
	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, November 4, 2012

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

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

Site No. Time Ranges

TOWA 2 0000 2345

TOWB 2 0000 2345

TOWC 2 0000 0645 1545 1945 2345

TOWK 2 0000 2345

TOWL 2 0000 2345

TOWM 2 0000 2345

M115 3 0000 0015 0030

M222 0

TOWY 0

TOWS 0

WEST 0

TVAW 32 0015-0245, 0315, 0345, 0415, 0445, 0515, 0600, 0630, 0700, 0730, 0800, 0830, 0900, 0930, 1015-1030
1100, 1130, 1200, 1230, 1300,1330, 1400, 1430, 1500, 1530, 1600

TVCR 8 0100-0200, 0315, 1015, 1900

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 0400-0640, 25.0 TM100 100m Temp. values in error (instrument/voltage issue)
0900-2045 92.0 WS30 30m wind speed in error (high bearing threshold)
ERR 2200-2345
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

Cold front passage - AM

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Monday, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>											
TOWA	2	0430	2345										
TOWB	2	0430	2345										
TOWC	4	0430	1200	1300	2345								
TOWK	2	0430	2345										
TOWL	2	0430	2345										
TOWM	2	0430	2345										
M115	5	0400	1645	1700	1715	1730							
M222	5	0400	1645	1700	1715	1730							
TOWY	5	0415	1700	1715	1730	1745							
TOWS	5	0415	1700	1715	1730	1745							
WEST	5	0415	1700	1715	1730	1745							
TVAV	12	0045	0530	1900	1930	2000	2030	2100	2130	2200	2230	2300	2330
TVCR	7	0115	0130	0145	0200	0530	0745	1800					

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	1000-1145, 1300-1545	80.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0000-0545 0700-1045 2300-2345	54.0 WS30	30m wind speed in error (high bearing threshold)
	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, November 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*

TOWA	1	2345																		
TOWB	1	2345																		
TOWC	1	2345																		
TOWK	1	2345																		
TOWL	1	2345																		
TOWM	1	2345																		
M115	0																			
M222	0																			
TOWY	0																			
TOWS	1	0600																		
WEST	0																			
TVAW	14	0000 0045 0100 0115 0145 0215 0230 0300 0330 0400 0430 0500 0530 0600																		
TVCR	9	0045 0100 0115 0130 0145 0200 0215 1745 1830																		

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,		
		1400-2345	46.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0600-0845	75.0 WS30	30m wind speed in error (high bearing threshold)
		1800-2045		
	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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	4	1015 1200 1530 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	13	0100 0845 0915 1900 1930 2000 2030 2100 2130 2200 2230 2300 2330
TVCR	7	0100 0115 0130 0145 0200 1015 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	0000-0145, 0300-1145, 1300-1545	42.0	TM100
	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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>												
TOWA	0													
TOWB	0													
TOWC	0													
TOWK	0													
TOWL	0													
TOWM	0													
M115	1	0545												
M222	1	0545												
TOWY	0													
TOWS	0													
WEST	0													
TVAW	13	0000 0045 0100 0115 0145 0200 0245 0300 0330 0400 0430 0500 0530												
TVCR	7	0045 0100 0115 0130 0145 0200 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	
Tower C	ERR	0000-0545,		
		1000-2145	25.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0100-0745	58.0 WS30	30m wind speed in error (high bearing threshold)
		0900-1045		
		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:

Friday, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>									
TOWA	1	2345									
TOWB	1	2345									
TOWC	3	0715	1545	2345							
TOWK	1	2345									
TOWL	1	2345									
TOWM	1	2345									
M115	10	2130	2145	2200	2215	2230	2245	2300	2315	2330	2345
M222	10	2130	2145	2200	2215	2230	2245	2300	2315	2330	2345
TOWY	9	2145	2200	2215	2230	2245	2300	2315	2330	2345	
TOWS	9	2145	2200	2215	2230	2245	2300	2315	2330	2345	
WEST	9	2145	2200	2215	2230	2245	2300	2315	2330	2345	
TVAV	13	0100	0445	0945	1015	1045	1115	1145	1215	1245	2200 2230 2300 2330
TVCR	7	0100	0115	0130	0145	0200	0730	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	0500-0745, 1000-1845, 2000-2045, 2300-2345	42.0	TM100
	ERR	0000-0045 0700-0945	84.0	WS30
	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, November 10, 2012

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

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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	3	0730 2230 2345																	
TOWK	1	2345																	
TOWL	1	2345																	
TOWM	1	2345																	
M115	96	0000-2345																	
M222	96	0000-2345																	
TOWY	96	0000-2345																	
TOWS	96	0000-2345																	
WEST	96	0000-2345																	
TVAW	24	0000 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930																	
1000	1030	1100																	
TVCR	7	0030 0100 0115 0130 0145 0200 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	ERR	0000-0145, 0300-1345, 1500-1945, 2100-2245	12.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0900-0945 1900-2045	88.0 WS30	30m wind speed in error (high bearing threshold)
	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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	2	1700 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000–2345
M222	96	0000–2345
TOWY	96	0000–2345
TOWS	96	0000–2345
WEST	96	0000–2345
TVAW	1	0100
TVCR	7	0100 0115 0130 0145 0200 0600 0830

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0900–1745,		
		2200–2245,	58.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0000–0045	75.0 WS30	30m wind speed in error (high bearing threshold)
		0200–0545		
		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

None

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Monday, November 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 1 2345
TOWB 1 2345
TOWC 4 0700 1445 1515 2345
TOWK 1 2345
TOWL 1 2345
TOWM 1 2345
M115 32 0000 0015 0030 0100 0115 0115 0145 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530
0545 0600 0615 0630 0645 0700 0715 0730 1815
M222 32 0000 0015 0030 0100 0115 0115 0145 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530
0545 0600 0615 0630 0645 0700 0715 0730 1815
TOWY 33 0000 0015 0030 0100 0115 0115 0145 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 1830
TOWS 34 0000 0015 0030 0100 0115 0115 0145 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 1830 2030
WEST 33 0000 0015 0030 0100 0115 0115 0145 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 1830
TVAW 46 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100
1130 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1715 1715 1745 1745 1800
TVCR 8 0030 0100 0115 0130 0145 0200 1715 1745

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0700-0745, 1300-1545, 1800-2045	71.0	TM100 100m Temp. values in error (instrument/voltage issue)
	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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	2	1230 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	0	
M222	0	
TOWY	1	0300
TOWS	1	0930
WEST	2	0245 0300
TVAW	1	0100
TVCR	7	0100 0115 0130 0145 0215 0845 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	
Tower C	ERR	0000-0045, 1000-1245, 1400-1545	75.0	TM100 100m Temp. values in error (instrument/voltage issue)
	ERR	0300-0645	84.0	WS30 30m wind speed in error (high bearing threshold)
	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, November 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 1 2345

TOWB 1 2345

TOWC 3 1345 1615 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 0

M222 0

TOWY 0

TOWS 0

WEST 0

TVAW 29 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0500 0515 0545 0600 0630 0700 0715 0745 0800 0830 0900
0930 1000 1030 1100 1130 1200 1230 1300

TVCR 10 0030 0100 0115 0130 0145 0200 0330 0545 0745 1730

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	1100-1645	75.0 TM100	100m Temp. values in error (instrument/voltage issue)
	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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	5	1200 1500 1745 2145 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	2	0100 1115
TVCR	8	0100 0115 0130 0145 0200 1045 1145 1245

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	1000-1445		
		1600-2145	54.0	TM100
	ERR	0100-0245	75.0	WS30
		0600-0945		
	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:

Friday, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	2	1545 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	49	1145-2345
M222	49	1145-2345
TOWY	52	0100 0400 1115, 1145-2345
TOWS	53	0100 0400 1030 1115 1145-2345
WEST	53	0100 0400 1030 1115 1145-2345
TVAW	25	0045 0100 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500
TVCR	8	0045 0100 0115 0130 0145 0200 1700 1730

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	1000-1045		
		1200-1545	80.0	TM100 100m Temp. values in error (instrument/voltage issue)
	ERR	0000-0545	71.0	WS30 30m wind speed in error (high bearing threshold)
		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

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, November 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)

<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	96	0000-2345
TOWS	96	0000-2345
WEST	96	0000-2345
TVAW	1	0100
TVCR	7	0100 0115 0130 0145 0200 0900 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	1100-1445		
		1600-1645		
		1900-2045	71.0	TM100
	OK		100.0	Other
	ERR	2200-2245	96.0	WS30
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, November 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	2345																			
TOWB	1	2345																			
TOWC	1	2345																			
TOWK	1	2345																			
TOWL	1	2345																			
TOWM	1	2345																			
M115	67	0000-1615, 2145																			
M222	67	0000-1615, 2145																			
TOWY	73	0000-1630, 1815 1830 1915 2200 2245 2300																			
TOWS	73	0000-1630, 1815 1830 1915 2200 2245 2300																			
WEST	73	0000-1630, 1815 1830 1915 2200 2245 2300																			
TVAW	36	0030 0100 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100																			
1130	1315	1445 1615 1645 1715 1745 1815 1845 1915 1945 2015 2045 2115 2145																			
TVCR	6	0100 0115 0130 0145 0200 1400																			

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	1000-1045		
		1200-1845	67.0	TM100
	OK		100.0	Other
	ERR	1900-1945	92.0	WS30
		2300-2345		
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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	4	1600 1715 2145 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	1	1515
M222	0	
TOWY	4	0200 0415 0545 1345
TOWS	4	0200 0415 0545 1345
WEST	4	0200 0415 0545 1345
TVAW	8	0100 2030 2100 2130 2200 2230 2300 2330
TVCR	8	0100 0115 0130 0145 0200 0545 1930 2000

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	0200-0345 1200-1745 1900-2345	50.0	TM100 100m Temp. values in error (instrument/voltage issue)
	ERR	1900-1945 2100-2245	88.0	WS30 30m wind speed in error (high bearing threshold)
	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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																		
TOWA	1	2345																		
TOWB	1	2345																		
TOWC	5	1345	1600	1615	2215	2345														
TOWK	1	2345																		
TOWL	1	2345																		
TOWM	1	2345																		
M115	4	1300	1315	1330	2330															
M222	4	1300	1315	1330	2330															
TOWY	4	1315	1330	1345	2345															
TOWS	3	1315	1330	2345																
WEST	4	1315	1330	1345	2345															
TVAW	18	0000	0030	0100	0115	0145	0200	0230	0300	0330	0400	0430	0500	0530	0600	0630	0700	0800	0845	
TVCR	7	0100	0115	0130	0145	0200	0430	0915												

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	0200-0445		
		0900-1645		
		1800-1845		
		2000-2345	33.0	TM100
	ERR	0200-0445	75.0	WS30
		0800-1045		
	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, November 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)***Site No. Time Ranges*

TOWA 1 2345
 TOWB 1 2345
 TOWC 2 1115 2345
 TOWK 1 2345
 TOWL 1 2345
 TOWM 1 2345
 M115 1 0100
 M222 1 0100
 TOWY 1 0115
 TOWS 1 0115
 WEST 1 0115
 TVAW 11 0100 1900 1930 2000 2030 2100 2130 2200 2230 2300 2330
 TVCR 7 0100 0115 0130 0145 0200 0245 1830

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	0000-0645 1000-1145 1300-1345 1600-1745 2100-2145	46.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0200-0345 0500-0545 0900-0945 1900-1945 2100-2145	76.0 WS30	30m wind speed in error (high bearing threshold)
	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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	2	1015 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	92	0100 0115 0145-2345
M222	92	0100 0115 0145-2345
TOWY	91	0115 0145-2345
TOWS	91	0115 0145-2345
WEST	91	0115 0145-2345
TVAW	16	0000 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700
TVCR	7	0100 0115 0130 0145 0200 1130 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	
Tower C	ERR	0200-0345 0600-0645 1200-2345	38.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0100-0245 0600-0645 1000-1045 1900-2345	62.0 WS30	30m wind speed in error (high bearing threshold)
	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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	2	0715 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000–2345
M222	96	0000–2345
TOWY	96	0000–2345
TOWS	96	0000–2345
WEST	96	0000–2345
TVAW	7	0100 2100 2130 2200 2230 2300 2330
TVCR	7	0100 0115 0130 0145 0200 0500 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	0000–0245		
		0700–0845		
		1200–2345	29.0	TM100
	OK		100.0	Other
	ERR	0000–0045	80.0	WS30
		0200–0345		
		0700–0845		
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, November 24, 2012

Compiled by KR Birdwell, MS6418, CSM/CSER, 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	2345																																																								
TOWB	1	2345																																																								
TOWC	4	0830 0915 2115 2345																																																								
TOWK	1	2345																																																								
TOWL	1	2345																																																								
TOWM	1	2345																																																								
M115	96	0000–2345																																																								
M222	96	0000–2345																																																								
TOWY	96	0000–2345																																																								
TOWS	96	0000–2345																																																								
WEST	96	0000–2345																																																								
TVAW	44	0000 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0915 0945																																																								
1015	1045	1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 1945 2015 2045																																																								
2115																																																										
TVCR	6	0100 0115 0130 0145 0200 1315																																																								

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	0000–1045		
		1300–2145	16.0	TM100
	ERR	2200–2345	92.0	WS30
			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	

100m Temp. values in error (instrument/voltage issue)
30m wind speed in error (high bearing threshold)

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	3	0800 2115 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	96	0000-2345
TOWY	96	0000-2345
TOWS	96	0000-2345
WEST	96	0000-2345
TVAW	6	0100 2130 2200 2230 2300 2330
TVCR	8	0100 0115 0130 0145 0200 0515 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	
Tower C	ERR	0600-1245		
		1500-1845	54.0	TM100
	ERR	0300-0345	80.0	WS30
		0700-0945		
		2000-2045		
	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, November 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	8	1430 1445 1500 1515 1530 1545 1600 2345
TOWB	8	1430 1445 1500 1515 1530 1545 1600 2345
TOWC	10	1045 1100 1115 1130 1145 1200 1430 1445 1530 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	32	0000-0630 1030 1100 1745 1800 1830
M222	32	0000-0630 1030 1100 1745 1800 1830
TOWY	35	0000-0645 0730 1100 1100 1130 1800 1830 1830
TOWS	36	0000-0645 0730 1100 1100 1130 1545 1800 1830 1830
WEST	35	0000-0645 0730 1100 1100 1130 1800 1830 1830
TVAW	39	0000 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0730 0800 0830 0900 0930 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 1930
TVCR	59	0100-0200 1030-2345

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	ERR	1400-1645	88.0 All	Intermittently erroneous data (Quarterly calibrations performed by Shaw Environmental)
Tower B	ERR	1600-1745	92.0 All	Intermittently erroneous data (Quarterly calibrations performed by Shaw Environmental)
Tower C	ERR	0300-0445 0600-1545 1700-2345	20.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	1000-1145	92.0 Other	Intermittently erroneous data (Quarterly calibrations performed by Shaw Environmental - except 30 and 100 m levels)
	ERR	0100-0345 0800-1045 2000-2045	71.0 WS30	30m wind speed in error (high bearing threshold)
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, November 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	3	0645 1245 2345
TOWK	1	2345
TOWL	22	1515 1530 1545 1600 1615 1630 1645 1700 1715 1730 1745 1800 1815 2145-2345
TOWM	1	2345
M115	0	
M222	0	
TOWY	0	
TOWS	1	1115
WEST	0	
TVAW	1	0100
TVCR	43	0015-1000 1145 1830 2130

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000-0745		
		1000-1345		
		1500-2045	25.0	TM100 100m Temp. values in error (instrument/voltage issue)
	ERR	2200-2245	96.0	WS30 30m wind speed in error (high bearing threshold)
	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, November 28, 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 4 1000 1015 1545 2115
TOWK 0
TOWL 29 0000 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500
0515 0530 0545 0600 0800 0815 0830 0845
TOWM 13 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245
M115 0
M222 0
TOWY 0
TOWS 0
WEST 0
TVAV 23 0030 0100 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0930 1000 1030 1045 1115 1145 1215 1245 1315
1345 1415
TVCR 14 0100 0115 0130 0145 0200 0915 0930 0945 1000 1030 1045 1115 1245 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	ERR	0000-0545 1000-1545 1800-2145	33.0	TM100 100m Temp. values in error (instrument/voltage issue)
	ERR	1800-1945	92.0	WS30 30m wind speed in error (high bearing threshold)
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	ERR	1000-1330	85.0	All Missing data (power line work - power outage)
Tower S	OK		100.0	
Tower W	ERR	1500-1645	92.0	All Intermittent data errors (Quarterly calibrations performed by Shaw Environmental)
Tower Y	ERR	1100-1245	92.0	All Intermittent data errors (Quarterly calibrations performed by Shaw Environmental)

Communication/Weather Notes

None

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Thursday, November 29, 2012**

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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	0									
TOWB	0									
TOWC	6	1000	1015	1030	1130	1245	1315			
TOWK	9	1245	1300	1315	1330	1345	1400	1415	1430	1445
TOWL	9	1245	1300	1315	1330	1345	1400	1415	1430	1445
TOWM	0									
M115	0									
M222	0									
TOWY	0									
TOWS	1	1000								
WEST	0									
TVAW	2	0100	0300							
TVCR	7	0100	0115	0130	0145	0200	0530	2215		

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	1000-1345 1500-1745 2000-2245	58.0	TM100 100m Temp. values in error (instrument/voltage issue)
	ERR	0200-0245 1700-1745	92.0	WS30 30m wind speed in error (high bearing threshold)
	OK		100.0	Other
Tower K	ERR	1200-1445	88.0	All Intermittent data error (Quarterly calibrations performed by Shaw Environmental)
Tower L	OK		100.0	
Tower M	ERR	0930-1045	94.0	All Intermittent data error (Quarterly calibrations performed by Shaw Environmental)
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, November 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	0	
TOWK	0	
TOWL	0	
TOWM	0	
M115	2	0445 0500
M222	2	0445 0500
TOWY	1	0500
TOWS	1	0500
WEST	1	0500
TVAW	10	0030 0100 0130 0200 0215 0245 0315 0345 0415 0500
TVCR	5	0100 0115 0130 0145 0200

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		0000-0245		
		0400-0445		
		0600-1345		
		1500-1945	29.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0000-0445		
		1000-2145		
		2300-2345	25.0 WDR10	10m Wind Direction in error (+60 clockwise; corrected with Tower A at 10m and/or -60 degree adjustments)
	ERR	0100-0145	80.0 WS30	30m wind speed in error (high bearing threshold)
		0300-0345		
		0500-0545		
		0700-0745		
		0900-0945		
	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

Tower "C" Inspection performed by Allstate Tower (Henderson, KY)

UPS installed at Tower "C"