

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

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Computational Science and Engineering Division
Oak Ridge National Laboratory

December 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:****Saturday, December 1, 2012**

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 1 0945
TOWK 0
TOWL 0
TOWM 0
M115 0
M222 0
TOWY 1 2300
TOWS 1 2300
WEST 1 2300
TVAW 4 0000 0030 0100 1645
TVCR 8 0100 0115 0130 0145 0200 0230 0245 1915

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000-0245 0600-2145	20.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0000-1845 2000-2345	4.0 WDR30	30m wind direction values in error (+60 degrees clockwise) Values corrected from Tower A at 10m or through -60 degree correction.
	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, December 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	1	0915
TOWB	1	0915
TOWC	2	0915 2015
TOWK	1	0915
TOWL	1	0915
TOWM	1	0915
M115	1	0830
M222	1	0830
TOWY	1	0915
TOWS	2	0915 1900
WEST	1	0915
TVAW	28	0045 0915 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 1930 2000
2030	2100	2130 2200 2230 2315 2345
TVCR	7	0115 0130 0145 0200 0915 1015 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	0000-0945 1100-2145 2300-2345	8.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0200-2345	8.0 WDR30	30m wind direction values in error (+60 degrees clockwise) Values corrected from Tower A at 10m or through -60 degree correction.
	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, December 3, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>	
TOWA	0		
TOWB	0		
TOWC	2	1015	1515
TOWK	0		
TOWL	0		
TOWM	0		
M115	0		
M222	0		
TOWY	0		
TOWS	0		
WEST	0		
TVAW	19	0030 0100	0130 0200 0215 0245 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915
TVCR	8	0030 0100	0115 0130 0145 0200 1315 1515

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	0000-0945	8.0	TM100 100m Temp. values in error (instrument/voltage issue)
		1100-2145		
		2300-2345		
	ERR	0000-2345	0.0	WDR30 30m wind direction values in error (+60 degrees clockwise) Values corrected from Tower A at 10m or through -60 degree correction.
	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, December 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	0																					
TOWB	0																					
TOWC	0																					
TOWK	0																					
TOWL	0																					
TOWM	0																					
M115	0																					
M222	0																					
TOWY	0																					
TOWS	0																					
WEST	0																					
TVAW	21	0100	0830	0900	0930	1000	1030	1100	1700	1715	1745	1815	1900	1915	1945	2015	2115	2145	2215	2245	2315	2345
TVCR	8	0100	0115	0130	0145	0200	0515	1700	1900													

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000-0545 0800-1845 2000-2345	12.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0000-0745 0900-2345	4.0 WDR30	30m wind direction values in error (+60 degrees clockwise) Values corrected from Tower A at 10m or through -60 degree correction.
	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, December 5, 2012**

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 5 0915 0930 1115 1130 1145
TOWK 0
TOWL 0
TOWM 0
M115 0
M222 0
TOWY 0
TOWS 0
WEST 1 1600
TVAW 12 0015 0100 0130 0200 0215 0245 0315 0345 0415 1200 1245 1300
TVCR 9 0100 0115 0130 0145 0200 0900 1245 2045 2115

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	1000-1145	92.0 TM10	Values in error (10m Temp. calibrations performed by Shaw Environmental)
	ERR	0000-0945 1100-1445	42.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0000-1145	50.0 WDR30	30m wind direction values in error (Values corrected from Tower A at 10m or from 30m interpolation)
				Instrument repaired by KR Birdwell and Shaw Environmental
	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, December 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 0

TOWB 0

TOWC 4 0515 1015 1230 1830

TOWK 0

TOWL 0

TOWM 0

M115 0

M222 0

TOWY 0

TOWS 0

WEST 0

TVAV 24 0045 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 1945 2015 2045 2115 2145
2215 2245 2315

TVCR 8 0115 0130 0145 0200 0945 1015 1615 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	0200-0545 1000-1045 1200-1345 1500-1945	50.0 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

Sodar Time repaired (1545 hrs - +16 minutes)

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, December 7, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 3 0615 1115 1630
TOWK 0
TOWL 0
TOWM 0
M115 0
M222 0
TOWY 0
TOWS 0
WEST 1 0030
TVAW 1 0100
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	0000-1345 1500-1845 2000-2045 2200-2345	12.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0300-0445 0600-0945	75.0 WS30	30m wind speed anomalously low (wind monitor bearings)
	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, December 8, 2012**

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

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

Site	No.	Time Ranges
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TOWA	0	
TOWB	0	
TOWC	2	0645 1615
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	25	0100 1045 1115 1145 1215 1245 1315 1345 1415 1445 1545 1615 1645 1715 1800 1815 1845 1915 1945 2015 2045 2115 2200 2215 2245
TVCR	9	0100 0115 0130 0145 0200 0545 1800 2200 2215

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	0000-0045 0200-0645 0800-1645 2000-2345	20.0 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:

Sunday, December 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	0	
TOWB	0	
TOWC	1	0600
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	0	
TOWY	0	
TOWS	1	0615
WEST	0	
TVAV	11	0100 0730 0800 0845 0900 0930 1000 1030 1100 1130 1200
TVCR	7	0100 0115 0130 0145 0200 0845 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 0200-0645 0800-1645 2000-2345	20.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0600-0645	96.0 WS30	30m wind speed anomalously low (wind monitor bearings)
	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, December 10, 2012**

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

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	0	
TOWB	0	
TOWC	4	0600 1045 1245 1630
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	26	0100 1045 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 2000 2015
		2045 2115 2145 2215 2245
TVCR	7	0100 0115 0130 0145 0200 0645 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	0000-0245 0600-1045 1200-2345	16.0	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

Thundershowers moved W-to-E across ORR from 0430 to 0730 hrs; Strong cold front passage early evening (1700-1900 hrs)

Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Tuesday, December 11, 2012

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

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

Site	No.	Time Ranges
TOWA	0	
TOWB	0	
TOWC	1	0615
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	21	0000 0030 0100 0145 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1130 2200
TVCR	7	0100 0115 0130 0145 0200 0300 1230

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	0000-0745 0900-0945 1400-1545 1700-2345	29.0 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:

Wednesday, December 12, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site	No.	Time Ranges
TOWA	0	
TOWB	0	
TOWC	1	1000
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	4	1600 1615 1630 1645
TOWY	1	1515
TOWS	2	1515 2045
WEST	1	1515
TVAV	25	0100 0945 1015 1045 1115 1145 1215 1315 1345 1415 1445 1515 1545 1615 1645 1715 1800 1815 1845 1945 2015 2045 2115 2145 2215
TVCR	8	0100 0115 0130 0145 0200 0400 1800 1845

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	0000-0145 0900-1045 1400-1445	80.0 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, December 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	9	0530	0545	0600	0615	0630	0645	0700	0715	0730	
TOWB	9	0530	0545	0600	0615	0630	0645	0700	0715	0730	
TOWC	11	0515	0530	0545	0600	0615	0630	0645	0700	0715	0730 1430
TOWK	9	0530	0545	0600	0615	0630	0645	0700	0715	0730	
TOWL	9	0530	0545	0600	0615	0630	0645	0700	0715	0730	
TOWM	9	0530	0545	0600	0615	0630	0645	0700	0715	0730	
M115	0										
M222	0										
TOWY	1	1500									
TOWS	1	1500									
WEST	1	1500									
TVAW	1	0100									
TVCR	7	0100	0115	0130	0145	0200	0800	2200			

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0300-0545 1100-1545 1700-1845 2000-2045 2200-2345	46.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	1900-1945 2100-2145	92.0 WS30	30m wind speed anomalously low (wind monitor bearings)
	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, December 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																				
TOWA	0																					
TOWB	0																					
TOWC	3	0715	1230	1330																		
TOWK	0																					
TOWL	0																					
TOWM	0																					
M115	0																					
M222	0																					
TOWY	1	1015																				
TOWS	1	1015																				
WEST	1	1015																				
TVAW	33	0045	0645	0815	0845	0915	0945	1015	1045	1115	1145	1215	1300	1315	1345	1415	1500	1515	1545	1615	1645	1715
1745	1830	1900	1930	2000	2030	2100	2130	2200	2230	2300	2330											
TVCR	6	0115	0130	0145	0200	1300	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	
Tower C	ERR	0700-0745 1100-1345 1500-1545 1700-2345	50.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0300-0345 1900-1945	92.0 WS30	30m wind speed anomalously low (wind monitor bearings)
	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, December 15, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0																		
TOWB	0																		
TOWC	1	1800																	
TOWK	0																		
TOWL	0																		
TOWM	0																		
M115	0																		
M222	0																		
TOWY	1	1430																	
TOWS	1	1430																	
WEST	1	1430																	
TVAW	15	0000	0030	0100	0115	0145	0200	0230	0300	0330	0400	0430	0500	0530	0600	0630			
TVCR	7	0100	0115	0130	0145	0200	0400	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	0000-0945 1100-1945 2100-2145 2300-2345	12.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0600-0645 0900-1045	88.0 WS30	30m wind speed anomalously low (wind monitor bearings)
	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, December 16, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0	
TOWB	0	
TOWC	1	0630
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	0	
TOWY	1	1815
TOWS	4	0500 1400 1815 2230
WEST	2	1815 2230
TVAV	19	0045 1230 1300 1330 1415 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 1930 2000 2030 2100
TVCR	8	0115 0130 0145 0200 0345 0915 1415 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	ERR	0500-1845	40.0 TM30	30m Temp. values anomalously high (moisture/voltage error)
	OK		100.0 Other	
Tower C	ERR	0000-0145	44.0 TM100	100m Temp. values in error (instrument/voltage issue)
		0300-0345		
		0500-0645		
		1000-1145		
		1400-1545		
		1800-2045		
		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

Early AM thundershowers crossed just to S of ORR.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, December 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	0	
TOWB	0	
TOWC	3	0545 1145 2000
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	2	0000 0100
TVCR	8	0100 0115 0130 0145 0200 0830 0930 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	ERR	1200-1645	79.0 TM30	30m Temp. values anomalously high (moisture/voltage error)
	OK		100.0 Other	
Tower C	ERR	0000-1145	12.0 TM100	100m Temp. values in error (instrument/voltage issue)
		1400-1745		
		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

Early evening thunderstorms crossed ORR from W to E (light hail reported in Karns TN)

Oak Ridge Reservation

Daily Meteorological Tower Status Report for: Tuesday, December 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	0	
------	---	--

TOWB	0	
------	---	--

TOWC	2	0630 0930
------	---	-----------

TOWK	0	
------	---	--

TOWL	0	
------	---	--

TOWM	0	
------	---	--

M115	0	
------	---	--

M222	0	
------	---	--

TOWY	1	1645
------	---	------

TOWS	1	1645
------	---	------

WEST	1	1645
------	---	------

TVAV	22	0030 0100 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1330 1400 1500 1645
------	----	--

TVCR	8	0100 0115 0130 0145 0200 1030 1500 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	0000-0945 1100-1145 1400-1445 1600-1645 2200-2345	38.0 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:

Wednesday, December 19, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0																					
TOWB	0																					
TOWC	2	0515	1330																			
TOWK	0																					
TOWL	0																					
TOWM	0																					
M115	31	1615	1630	1645	1700	1715	1730	1745	1800	1815	1830	1845	1900	1915	1930	1945	2000	2015	2030	2045	2100	2115
2130	2145	2200	2215	2230	2245	2300	2315	2330	2345													
M222	31	1615	1630	1645	1700	1715	1730	1745	1800	1815	1830	1845	1900	1915	1930	1945	2000	2015	2030	2045	2100	2115
2130	2145	2200	2215	2230	2245	2300	2315	2330	2345													
TOWY	1	0230																				
TOWS	2	0230	1400																			
WEST	1	0230																				
TVAW	9	0015	0045	0745	2100	2130	2200	2230	2300	2330												
TVCR	5	0115	0130	0145	0200	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	0200-0545 0800-1945 2100-2345	20.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0200-0445 0700-0745	84.0 WS30	30m wind speed anomalously low (wind monitor bearings)
	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, December 20, 2012**

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 4 0615 1015 1300 2230
TOWK 0
TOWL 11 1900 1915 1930 1945 2000 2015 2030 2045 2100 2115 2130
TOWM 0
M115 96 0000-2345
M222 96 0000-2345
TOWY 3 0200 1330 1715
TOWS 3 0200 1330 1715
WEST 3 0200 1330 1715
TVAV 25 0000 0045 0100 0115 0145 0200 0245 0300 0330 0400 0430 0500 0530 0600 0630 0745 0900 1200 1300 1400 1430
1445 1515 1545 1615
TVCR 27 0045 0100 0115 0130 0145 0200 0230 0245 0900 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345
1400 1415 1430 1445 1515 1545

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	ERR	0600-1545	58.0 TM30	30m Temp. values anomalously high (moisture/voltage error)
	OK		100.0 Other	
Tower C	ERR	0000-0745	8.0 TM100	100m Temp. values in error (instrument/voltage issue)
		1000-2345		
	OK		100.0 Other	
Tower K	OK		100.0	
Tower L	ERR	1915-2130	91.0 All	Missing data (unscheduled power failure)
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Strong occluded front passage early evening

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Friday, December 21, 2012**

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0																	
TOWB	0																	
TOWC	1	0645																
TOWK	0																	
TOWL	0																	
TOWM	0																	
M115	96	0000–2345																
M222	96	0000–2345																
TOWY	0																	
TOWS	0																	
WEST	0																	
TVAW	14	0100 1630 1700 1730 1800 1830 1900 1930 2000 2030 2100 2145 2200 2230																
TVCR	8	0100 0115 0130 0145 0200 0700 2145 2200																

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000–0645 2100–2345	58.0 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

Snow Flurries AM

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, December 22, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0

TOWB 0

TOWC 1 1800

TOWK 0

TOWL 0

TOWM 0

M115 96 0000-2345

M222 96 0000-2345

TOWY 0

TOWS 0

WEST 0

TVAW 28 0030 0100 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915 0945

1015 1045 1115 1145 1215 1245 1330 1345 1415 1445 1515 1545 1615

TVCR 6 0100 0115 0130 0145 0200 1330

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 0200-1645 29.0 TM100 100m Temp. values in error (instrument/voltage issue)
1800-1845
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

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, December 23, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0																			
TOWB	0																			
TOWC	0																			
TOWK	0																			
TOWL	0																			
TOWM	0																			
M115	96	0000-2345																		
M222	96	0000-2345																		
TOWY	0																			
TOWS	1	0845																		
WEST	1	0845																		
TVAV	19	0100	1500	1530	1600	1630	1700	1730	1800	1830	1900	1930	2000	2030	2100	2130	2200	2230	2315	2330
TVCR	8	0100	0115	0130	0145	0200	0500	2000	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	ERR	1800-2345	75.0 TM30	30m Temp. values anomalously high (moisture/voltage error)
	OK		100.0 Other	
Tower C	ERR	0000-0345	12.0 TM100	100m Temp. values in error (instrument/voltage issue)
		0700-2345		
	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:

Monday, December 24, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0													
TOWB	0													
TOWC	5	0915	0930	1115	1130	1145								
TOWK	0													
TOWL	0													
TOWM	0													
M115	0													
M222	0													
TOWY	0													
TOWS	0													
WEST	1	1600												
TVAW	12	0015	0100	0130	0200	0215	0245	0315	0345	0415	1200	1245	1300	
TVCR	9	0100	0115	0130	0145	0200	0900	1245	2045	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	ERR	0000-2345	0.0 TM30	30m Temp. values anomalously high (moisture/voltage error)
	OK		100.0 Other	
Tower C	ERR	0000-0745	8.0 TM100	100m Temp. values in error (instrument/voltage issue)
		0900-0945		
		1100-2345		
	ERR	1100-1145	79.0 WS30	30m wind speed anomalously low (wind monitor bearings)
		1400-1445		
		2100-2345		
	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:****Tuesday, December 25, 2012**

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0																			
TOWB	0																			
TOWC	1	0630																		
TOWK	0																			
TOWL	0																			
TOWM	0																			
M115	96	0000-2345																		
M222	96	0000-2345																		
TOWY	0																			
TOWS	0																			
WEST	1	1600																		
TVAV	10	0045 1945 2015 2045 2115 2145 2215 2245 2315 2345																		
TVCR	9	0030 0115-0200 0230 1445 1545 1630																		

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	0000-1245	46.0 TM30	30m Temp. values anomalously high (moisture/voltage error)
	OK		100.0 Other	
Tower C	ERR	0200-0645	50.0 TM100	100m Temp. values in error (instrument/voltage issue)
		1100-1745		
	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, December 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	0	
TOWB	0	
TOWC	2	1645 2130
TOWK	1	2130
TOWL	1	2130
TOWM	0	
M115	96	0000–2345
M222	96	0000–2345
TOWY	0	
TOWS	0	
WEST	0	
TVAV	11	0015 0100 0130 0200 0215 0245 0315 0345 0430 0915 1615
TVCR	9	0100 0115 0130 0145 0200 0415 0430 1615 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	ERR	0000–0545 0745–0945	62.0 TM30	30m Temp. values anomalously high (moisture/voltage error)
Tower C	OK		100.0 Other	
	ERR	0700–1645	58.0 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

Strong occluded front passage mid-day; PM snow flurries/showers

Oak Ridge Reservation

**Daily Meteorological Tower Status Report for:
Thursday, December 27, 2012**

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

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

Site	No.	Time Ranges
TOWA	0	
TOWB	0	
TOWC	3	0545 0615 1500
TOWK	0	
TOWL	0	
TOWM	0	
M115	96	0000-2345
M222	96	0000-2345
TOWY	0	
TOWS	1	0330
WEST	1	0330
TVAW	24	0030 0100 0915 0945 1015 1045 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 2200
2230	2300	2330
TVCR	8	0100 0115 0130 0145 0200 0830 1145 2200

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	0100-0145 0300-1645	38.0	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:

Friday, December 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	0	
TOWB	0	
TOWC	1	1630
TOWK	0	
TOWL	0	
TOWM	0	
M115	49	0000–1200
M222	47	0000–1130
TOWY	1	2145
TOWS	1	2145
WEST	1	2145
TVAW	8	0000 0030 0100 0115 0145 0200 2315 2345
TVCR	6	0100 0115 0130 0145 0200 1145

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	0200–1845		
		2100–2345	16.0	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:****Saturday, December 29, 2012**

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

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

TOWA 0
TOWB 0
TOWC 3 0715 1845 2130
TOWK 1 2130
TOWL 1 2130
TOWM 1 2130
M115 0
M222 0
TOWY 0
TOWS 0
WEST 0
TVAW 35 0015 0100 0130 0200 0215 0245 0315 0345 0415 0445 0515 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200
1230 1300 1345 1400 1430 1515 1530 1600 1630 1700 1730 1800 1830 1900
TVCR 8 0045 0100 0115 0130 0145 0200 1345 1515

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	0600-1845 2000-2345	29.0	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

Cold front passage mid-day; snow showers late afternoon and during evening; trace of snowfall.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, December 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	0	
TOWB	0	
TOWC	1	0700
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	6	0100 0915 2200 2230 2300 2330
TVCR	8	0100 0115 0130 0145 0200 0415 0945 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	
Tower C	ERR	0000-0645		
		0800-2345	4.0	TM100 100m Temp. values in error (instrument/voltage issue)
	ERR	1700-1745	84.0	WS30 30m wind speed anomalously low (wind monitor bearings)
		2100-2345		
	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:

Monday, December 31, 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 2 1145 2200
TOWK 0
TOWL 0
TOWM 0
M115 1 2300
M222 1 2300
TOWY 1 2315
TOWS 1 2315
WEST 1 2315
TVAW 15 0000 0030 0100 0115 0145 0200 0230 0300 0330 0400 0445 0500 0530 0600 0630
TVCR 7 0100 0115 0130 0145 0200 0445 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	0000-0245 0700-1445 1600-2245	33.0 TM100	100m Temp. values in error (instrument/voltage issue)
	ERR	0000-0145 0400-0945 1800-2345	40.0 WS30	30m wind speed anomalously low (wind monitor bearings)
	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