

***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 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			

*Note: Towers A, B, C, K, L, M are listed in the DATA MISSING sections only when data are missing.

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Saturday, September 1, 2012**

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 0
M222 0
TOWY 0
TOWS 40 0000 0015 0030 0215 0245 0315 0345 0415 0430 0445 0745 0800 0815 0830 0900 1015 1030 1100 1115 1200 1315
1345 1445 1500 1545 1630 1700 1715 1800 1900 1930 1945 2000 2030 2115 2130 2200 2215 2245 2315
WEST 0
TVAW 7 0100 1200 2145 2215 2245 2315 2345
TVCR 7 0100 0115 0130 0145 0200 0415 2045

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	1100-1745	71.0	TM100 100m temperature values in error (instrument error)
	ERR	0000-0245	88.0	WS30 30 m wind speed anomalously low
	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 2, 2012

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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	0																						
M222	0																						
TOWY	0																						
TOWS	42	0015	0100	0115	0130	0230	0400	0515	0530	0600	0615	0700	0730	0815	0900	0915	1000	1015	1030	1045	1145	1245	
		1300	1330	1430	1445	1500	1515	1600	1715	1730	1800	1830	1945	2030	2045	2100	2130	2145	2230	2245	2300	2315	
WEST	0																						
TVAW	21	0015	0100	0130	0200	0215	0245	0315	0345	0415	0445	0515	0545	0615	0645	0715	0745	0815	0845	0915	0945	1015	
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	1900-1945	96.0	WS30 30m wind speed anomalously low
	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 from WSW-to-ENE 1500-1700 hrs and again during late evening (2200-2300 hrs)

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, September 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																				
TOWA	0																					
TOWB	0																					
TOWC	0																					
TOWK	0																					
TOWL	0																					
TOWM	0																					
M115	0																					
M222	0																					
TOWY	0																					
TOWS	35	0045 0100 0230 0245 0300 0315 0500 0545 0630 0700 0730 0845 0900 0915 0930 1130 1200 1215 1300 1430 1445																				
	1545	1615 1645 1700 1815 1915 2045 2100 2115 2130 2215 2300 2330 2345																				
WEST	0																					
TVAW	9	0100 2015 2045 2115 2145 2215 2245 2315 2345																				
TVCR	8	0100 0115 0130 0145 0200 0315 0345 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	2200-2345	92.0	WS30 30m wind speed anomalously low
	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 4, 2012**

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																																						
TOWA	0																																							
TOWB	0																																							
TOWC	0																																							
TOWK	0																																							
TOWL	0																																							
TOWM	0																																							
M115	0																																							
M222	0																																							
TOWY	0																																							
TOWS	39	0000	0015	0030	0045	0100	0230	0300	0415	0530	0715	0745	0800	0845	0900	1015	1100	1130	1200	1215	1245	1315	1345	1430	1500	1715	1730	1830	1900	1930	2015	2030	2045	2100	2115	2200	2215	2230	2245	2315
WEST	0																																							
TVAV	31	0015	0100	0130	0200	0215	0245	0315	0345	0415	0445	0630	0700	0730	0800	0830	0900	0930	1000	1030	1100	1130	1200	1230	1300	1330	1400	1430	1500	1530	1600	1630								
TVCR	6	0100	0115	0130	0145	0200	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	0000-0145, 2000-2145	84.0 WS30	30m wind speed anomalously low
	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 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	0																			
TOWB	0																			
TOWC	0																			
TOWK	0																			
TOWL	0																			
TOWM	0																			
M115	2	0230 0245																		
M222	2	0130 0145																		
TOWY	0																			
TOWS	31	0030 0100 0215 0245 0400 0430 0530 0545 0600 0630 0730 0815 0830 0845 0945 1100 1315 1345 1500 1545 1615																		
		1630 1730 1830 1845 1900 2000 2045 2130 2230 2330																		
WEST	0																			
TVAW	1	0100																		
TVCR	6	0100 0115 0130 0145 0200 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	0100-0145	96.0 WS30	30m wind speed anomalously low
	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

Late PM thunderstorms crossed area from WNW-to-ESE (1+ inch in Oak Ridge)

Oak Ridge Reservation

**Daily Meteorological Tower Status Report for:
Thursday, September 6, 2012**

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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	0																					
M222	0																					
TOWY	0																					
TOWS	34	0030 0115 0145 0215 0230 0300 0330 0345 0415 0430 0445 0545 0600 0615 0745 0800 0815 1000 1100 1115 1130 1345 1530 1545 1615 1630 1800 1815 2000 2030 2115 2145 2200 2215																				
WEST	0																					
TVAW	28	0030 0100 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 2215																				
TVCR	7	0100 0115 0130 0145 0200 0345 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	
Tower C	ERR	2000-2045	96.0	WS30 30m wind speed anomalously low
	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 7, 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	0	
TOWK	1	0930
TOWL	1	0930
TOWM	0	
M115	0	
M222	0	
TOWY	0	
TOWS	39	0030 0145 0215 0315 0345 0400 0415 0430 0500 0600 0700 0745 0800 0845 0915 0930 0945 1000 1030 1100 1130 1200 1230 1330 1400 1415 1700 1715 1900 1930 2015 2030 2100 2130 2215 2245 2300 2315 2330
WEST	0	
TVAW	2	0100 0445
TVCR	8	0100 0115 0130 0145 0200 0315 0515 1830

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 2000-2145	88.0 WS30	30m wind speed anomalously low
	OK		100.0 Other	
Tower K	OK		100.0	10m Wind Monitor replaced
Tower L	OK		100.0	
Tower M	OK		100.0	10m RH sensor intake cleared
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 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

TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 0
M222 0
TOWY 0
TOWS 40 0015 0200 0230 0315 0330 0445 0515 0600 0630 0715 0800 0945 1000 1045 1100 1115 1215 1245 1300 1315 1345
1400 1445 1515 1530 1600 1630 1645 1700 1730 1915 1930 1945 2000 2030 2100 2230 2245 2315 2330
WEST 0
TVAW 34 0030 0100 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1145 1200 1230 1300 1330 1400 1430 1645 1715
1745 1815 1845 1915 1945 2015 2045 2115 2145 2215 2245 2315 2345
TVCR 7 0100 0115 0130 0145 0200 1145 1530

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	0100-0245 2200-2345	84.0 WS30	30m wind speed anomalously low
	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 9, 2012**

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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	37	0015 0045 0200 0215 0245 0515 0715 0815 0830 0845 0900 1000 1045 1130 1200 1215 1230 1330 1345 1415 1430 1530 1600 1615 1645 1730 1745 1830 1845 1900 1930 1945 2115 2130 2215 2315 2330
WEST	0	
TVAW	10	0015 0100 0130 0200 0215 0245 0315 0345 0430 0445
TVCR	9	0100 0115 0130 0145 0200 0430 0800 1845 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	0000-0045 0500-0845 2200-2345	80.0 WS30	30m wind speed anomalously low
	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 10, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 1 0530
M115 0
M222 0
TOWY 0
TOWS 44 0015 0030 0045 0115 0145 0345 0515 0530 0615 0745 0800 0915 0930 1000 1100 1130 1145 1200 1215 1315 1330
1345 1400 1415 1430 1500 1515 1545 1700 1730 1745 1800 1830 1900 1930 2000 2015 2115 2130 2145 2200 2215 2230
2330
WEST 0
TVAW 26 0045 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400
1430 1500 1530 1600 1630
TVCR 6 0115 0130 0145 0200 1100 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	1300-1745	80.0	TM100 100m temperature values in error (instrument error)
	ERR	0000-0045	92.0	WS30 30m wind speed anomalously low
		1800-1845		
	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 11, 2012

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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 27 0000 0130 0315 0430 0500 0745 0915 0945 1000 1030 1100 1115 1130 1315 1345 1400 1500 1530 1600 1800 1815
1845 1930 2045 2100 2200 2300
WEST 0
TVAW 4 0100 0315 0345 0415
TVCR 8 0100 0115 0130 0145 0200 0315 0345 1930

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	0200-2045	20.0	TM100 100m temperature values in error (instrument error)
	ERR	2100-2345	88.0	WS30 30m wind speed values anomalously low
	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 12, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 0
M222 0
TOWY 0
TOWS 38 0030 0045 0130 0200 0215 0300 0345 0445 0515 0530 0645 0730 0745 0800 0845 0915 0945 1115 1130 1145 1200
1315 1400 1415 1430 1500 1515 1630 1715 1745 1800 1915 1945 2100 2145 2230 2300 2345
WEST 0
TVAV 26 0030 0100 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530
1600 1630 1700 1730 1800
TVCR 6 0100 0115 0130 0145 0200 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	
Tower C	ERR	0700-1045	84.0	TM100 100m temperature values in error (instrument error)
	ERR	0200-0945 2100-2145	64.0	WS30 30m wind speed values anomalously low
	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 13, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 33 1345 1600 1615 1630 1645 1700 1715 1730 1745 1800 1815 1830 1845 1900 1915 1930 1945 2000 2015 2030 2045
2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345
M222 36 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 45 0000 0100 0115 0130 0145 0215 0230 0245 0415 0430 0500 0545 0600 0645 0715 0745 0815 0845 0915 0945 1000
1115 1145 1230 1245 1315 1345 1400 1630 1645 1715 1730 1800 1815 1830 1845 1900 1915 1945 2000 2015 2030 2045
2145 2345
WEST 0
TVAW 2 0100 0545
TVCR 9 0100 0115 0130 0145 0200 0330 1745 1830 1930

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	0200-0745	75.0 WS30	30m wind speed values anomalously low
	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, September 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 0
TOWB 0
TOWC 0
TOWK 0
TOWL 0
TOWM 0
M115 53 0000 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500
0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030
1045 1100 1115 1130 1145 1200 1215 1230 1245 1300
M222 50 0000 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500
0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030
1045 1100 1115 1130 1145 1200 1230
TOWY 0
TOWS 38 0100 0200 0300 0330 0400 0415 0500 0530 0545 0600 0615 0645 0700 0745 0800 0815 0830 1000 1015 1030 1115
1230 1245 1300 1330 1415 1515 1615 1630 1730 1800 1815 1830 1900 1915 2215 2230 2345
WEST 0
TVAW 34 0030 0100 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600
1630 1700 1730 1800 1900 2015 2045 2115 2145 2215 2245 2315 2345
TVCR 6 0100 0115 0130 0145 0200 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	
Tower C	ERR	0000-0345 0700-0845	75.0	WS30 30m wind speed values anomalously low
	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 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	0																					
TOWB	0																					
TOWC	0																					
TOWK	0																					
TOWL	0																					
TOWM	0																					
M115	0																					
M222	0																					
TOWY	0																					
TOWS	46	0000 0030 0045 0100 0115 0145 0245 0300 0330 0445 0515 0545 0630 0645 0745 0815 0830 0845 0900 0930 0945																				
	1000	1030 1115 1145 1230 1315 1330 1445 1500 1515 1545 1600 1630 1730 1745 1900 1930 2030 2100 2200 2215 2230																				
	2245	2300 2315																				
WEST	0																					
TVAW	14	0015 0100 0130 0200 0215 0300 0315 0345 0415 0445 0515 0545 0615 0645																				
TVCR	7	0100 0115 0130 0145 0200 0300 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	0000-0845	64.0 WS30	30m wind speed values anomalously low
	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 16, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0

TOWB 0

TOWC 0

TOWK 0

TOWL 0

TOWM 0

M115 0

M222 0

TOWY 0

TOWS 43 0000 0030 0100 0130 0145 0200 0215 0230 0300 0345 0430 0530 0545 0615 0630 0700 0745 0800 0830 0900 0930

1015 1030 1130 1215 1230 1345 1430 1445 1600 1615 1700 1730 1915 1930 1945 2015 2045 2115 2130 2215 2300 2330

WEST 0

TVAV 17 0045 0630 0700 1630 1730 1815 1845 1915 1945 2015 2045 2115 2145 2215 2245 2315 2345

TVCR 6 0115 0130 0145 0200 1115 1700

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

0500-0645

2200-2345

75.0 WS30

30m wind speed values anomalously low

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 17, 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	0	
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	0	
TOWY	1	1545
TOWS	35	0000 0015 0100 0145 0215 0315 0330 0515 0600 0615 0630 0700 0715 0800 0915 0930 1030 1100 1130 1200 1300 1345 1400 1415 1430 1630 1700 1745 1815 1830 1930 2100 2230 2300 2330
WEST	1	1545
TVAV	12	0015 0100 0130 0200 0230 0245 0315 0345 0415 0445 0515 0545
TVCR	7	0100 0115 0130 0145 0200 0230 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	0000-0445	80.0 WS30	30m wind speed values anomalously low
	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 18, 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	0																				
TOWB	0																				
TOWC	0																				
TOWK	0																				
TOWL	0																				
TOWM	0																				
M115	1	1245																			
M222	1	1145																			
TOWY	1	1200																			
TOWS	29	0030 0200 0215 0230 0300 0315 0415 0645 0700 0745 0830 0915 0930 0945 1015 1100 1200 1230 1245 1445 1500																			
1530	2000	2030 2100 2115 2130 2230 2300																			
WEST	1	1200																			
TVAV	14	0045 1545 1815 1845 1915 1945 2015 2045 2115 2145 2215 2245 2315 2345																			
TVCR	8	0115 0130 0145 0200 1145 1630 1715 2015																			

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	2300-2345	96.0 WS30	30m wind speed values anomalously low
	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-afternoon.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, September 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	0																					
TOWB	0																					
TOWC	0																					
TOWK	0																					
TOWL	0																					
TOWM	0																					
M115	0																					
M222	0																					
TOWY	0																					
TOWS	38	0030	0045	0145	0245	0315	0400	0430	0530	0545	0600	0645	0745	0915	1000	1015	1115	1145	1200	1245	1300	1315
		1345	1400	1530	1600	1730	1745	1800	1815	1900	1945	2015	2200	2215	2230	2245	2300	2345				
WEST	0																					
TVAW	13	0015	0100	0130	0200	0215	0245	0315	0345	0415	0445	0515	0545	1530								
TVCR	7	0100	0115	0130	0145	0200	0245	1815														

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000-0645 2200-2345	64.0 WS30	30m wind speed values anomalously low
	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 20, 2012**

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA 0
 TOWB 0
 TOWC 0
 TOWK 0
 TOWL 0
 TOWM 0
 M115 2 0045 1430
 M222 1 1330
 TOWY 0
 TOWS 24 0000 0015 0030 0145 0215 0230 0345 0415 0430 0445 0500 0530 0545 0600 0645 0700 0800 0815 0845 0915 0930
 0945 1000 1130
 WEST 0
 TVAW 22 0045 0400 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 1945 2015 2045 2115 2145 2215 2245 2315
 2345
 TVCR 6 0115 0130 0145 0200 0430 1015

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		
		2000-2345	75.0 WS30	30m wind speed values anomalously low
	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 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	0								
TOWB	0								
TOWC	0								
TOWK	0								
TOWL	0								
TOWM	0								
M115	0								
M222	0								
TOWY	0								
TOWS	0								
WEST	0								
TVAW	5	0015	0045	0130	0200	0215			
TVCR	8	0015	0115	0130	0145	0200	1500	2100	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	0000-0445 0600-0945 1900-2345	42.0	WS30 30m wind speed values anomalously low
	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 22, 2012**

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

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

TOWA 0

TOWB 0

TOWC 0

TOWK 0

TOWL 0

TOWM 0

M115 0

M222 0

TOWY 0

TOWS 1 1800

WEST 0

TVAW 31 0030 0100 0200 0230 0300 0400 0430 0530 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845

1915 1945 2030 2045 2115 2145 2215 2245 2315 2345

TVCR 8 0100 0115 0130 0145 0200 0430 1130 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	0000-0845 2100-2345	50.0	WS30 30m wind speed values anomalously low
	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 late afternoon / early evening

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, September 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	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	2	0045 1900
TVCR	7	0115 0130 0145 0200 0215 1215 1930

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	0200-0745	75.0 WS30	30m wind speed values anomalously low
	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 24, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0																					
TOWB	0																					
TOWC	0																					
TOWK	0																					
TOWL	0																					
TOWM	0																					
M115	4	1600	1615	1630	1645																	
M222	4	1500	1515	1530	1545																	
TOWY	4	1515	1530	1545	1600																	
TOWS	5	0730	1515	1530	1545	1600																
WEST	4	1515	1530	1545	1600																	
TVAW	30	0030	0100	1045	1115	1145	1215	1245	1315	1400	1415	1445	1445	1515	1545	1615	1645	1715	1745	1815	1845	1915
2000	2015	2045	2115	2145	2215	2245	2315	2345														
TVCR	10	0100	0115	0130	0145	0200	0400	0930	1400	1445	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	0000-0445 1800-1845 2000-2045	71.0	WS30 30m wind speed values anomalously low
	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 late afternoon / early evening

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, September 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	0												
TOWB	0												
TOWC	0												
TOWK	0												
TOWL	0												
TOWM	0												
M115	0												
M222	0												
TOWY	0												
TOWS	0												
WEST	0												
TVAW	11	0100	0330	0400	0430	0500	0530	0600	0630	0700	1000	2330	
TVCR	6	0100	0115	0130	0145	0200	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	0300-0345 0500-0945 2000-2145	71.0	WS30 30m wind speed values anomalously low
	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 26, 2012

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

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

Site No. Time Ranges

TOWA	0	
TOWB	0	
TOWC	0	
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	29	0000 0030 0100 0115 0300 1045 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1630 1645 1715 1745 1815 1845 1915 1945 2015 2045 2115 2145 2215
TVCR	8	0100 0115 0130 0145 0200 0230 1630 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	0600-0745 0800-0845 2000-2345	71.0 WS30	30m wind speed values anomalously low
	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 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	0	
TOWB	0	
TOWC	0	
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	1	1315
TOWY	0	
TOWS	0	
WEST	0	
TVAW	5	0100 2200 2230 2300 2330
TVCR	13	0100 0115 0130 0145 0200 0215 0745 1100 1115 1130 1145 1200 1415

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0000-0345		
		0500-0945		
		1900-2345	46.0	WS30 30m wind speed values anomalously low
	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 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	4	1900	2100	2200	2300																																				
TOWB	4	1900	2100	2200	2300																																				
TOWC	4	1900	2100	2200	2300																																				
TOWK	4	1900	2100	2200	2300																																				
TOWL	24	1800	1815	1830	1845	1900	1915	1930	1945	2000	2015	2030	2045	2100	2115	2130	2145	2200	2215	2230	2245	2300	2315	2330	2345																
TOWM	4	1900	2100	2200	2300																																				
M115	0																																								
M222	0																																								
TOWY	0																																								
TOWS	0																																								
WEST	0																																								
TVAW	40	0000	0030	0100	0115	0145	0200	0230	0300	0330	0415	0430	0500	0545	0600	0630	0700	0730	0800	0915	0945	1015	1045	1115	1245	1315	1345	1415	1445	1515	1545	1615	1645	1715	1745	1815	1845	1915	1945	2015	2045
TVCR	8	0100	0115	0130	0145	0200	0415	0545	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	
Tower C	ERR	0000-0745 1700-1845 2200-2345	50.0 WS30	30m wind speed values anomalously low
	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 ORR from WNW-to-ESE around 1400-1600 hrs.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, September 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	5	0000 0100 0300 0500 0945
TOWB	5	0000 0100 0300 0500 0945
TOWC	5	0000 0100 0300 0500 0945
TOWK	5	0000 0100 0300 0500 0945
TOWL	96	0000 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600 1615 1630 1645 1700 1715 1730 1745 1800 1815 1830 1845 1900 1915 1930 1945 2000 2015 2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345
TOWM	5	0000 0100 0300 0500 0945
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	5	0045 1900 1930 2000 2215
TVCR	6	0115 0130 0145 0200 1000 2345

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	ERR	0300-0845 2200-2345	67.0	WS30 30m wind speed values anomalously low
	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

0930 hrs Communication devices reset at Tower L by KR Birdwell (still no communication)

Communications restored by Verizon at 1530 hrs on 10/01/2012 – all data were recovered back to time of communication failure on 09/28/12.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, September 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 96 0000 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500
0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1000 1015 1030
1045 1100 1115 1130 1145 1200 1215 1230 1245 1300 1315 1330 1345 1400 1415 1430 1445 1500 1515 1530 1545 1600
1615 1630 1645 1700 1715 1730 1745 1800 1815 1830 1845 1900 1915 1930 1945 2000 2015 2030 2045 2100 2115 2130
2145 2200 2215 2230 2245 2300 2315 2330 2345
TOWM 0
M115 0
M222 2 0315 0330
TOWY 0
TOWS 0
WEST 0
TVAW 26 0030 0045 0330 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915 0945 1015 1045 1115 1145 1215 1245 1315
1400 1415 1445 1515 1545
TVCR 5 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	0200-0345	92.0 WS30	30m wind speed values anomalously low
	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