

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

Kevin R. Birdwell
Computational Science and Engineering Division
Oak Ridge National Laboratory

March 2013

Tower ID Summary:

<i>ID*</i>	<i>Name</i>	<i>Alternate Names</i>	<i>ORR Site</i>	<i>Elevation (m)</i>	<i>Easting, Northing (m)</i>	<i>Measuring Hts</i>
TOWA	Tower A	MT4 , 7571	ORNL	263	743179,3978105	10,30
TOWB	Tower B	MT3, 6555, 07	ORNL	256	743398,3979683	10,30
TOWC	Tower C	MT2, 1057, 03	ORNL	261	741423,3978768	10,30,100
TOWK	Tower K	MT1, 1208	ETTP	253	735675,3979503	10,60
TOWL	Tower L	MT7, 1209	ETTP	233	735110,3978654	10,30
TOWM	Tower M	MT10, 208A	ETTP	237	735720,3976860	10
TOWS	Tower S	MT11	Y12	352		25
WEST	Tower W	MT6, Y12W, West	Y12	326	748890,3986700	10,60
TOWY	Tower Y	MT9, PSS Tower	Y12	290	747926.3985859	15, 33
M115	T115	Morristown NWS Office	NOAA			
M222	T222	Purchase Knob, NC	NOAA			

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, March 1, 2013

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	1	0715																	
TVAW	14	0100	1730	1800	1830	1900	1945	2000	2030	2100	2130	2200	2230	2300	2330				
TVCR	7	0100	0115	0130	0145	0200	0630	1945											

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0145 0300-1045 1200-1545 1700-2345	12.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Snow showers AM; Trace of snowfall

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, March 2, 2013

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									
TVAV	9	0000	0030	0100	0115	0145	0200	0230	0300	0330
TVCR	7	0100	0115	0130	0145	0200	1000	2245		

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0145 0300-0345 0600-0645 0800-0945 1100-2345	20.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Snow showers throughout day; Trace of snowfall (1/4 inch in Karns)

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Sunday, March 3, 2013**

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	23	0030 0100 0630 0700 0730 0800 0830 0900 0930 1000 1045 1100 1130 1200 1230 1300 1330 1400 1430 1500 1615 1645 2215
TVCR	7	0100 0115 0130 0145 0200 1045 2330

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

Site	Status	Time Ranges	Pct Recovery	Special Notes
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-1145 1300-1745 2000-2045 2200-2345	16.0	TM100 100m Temp. values in error (wiring error)
	ERR	1900-2145 2300-2345	84.0	WS30 30 m Wd speed values anomalously low (wind threshold error)
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Snow showers during morning; Trace of snowfall

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Monday, March 4, 2013**

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	12	0045	1830	1900	1930	2000	2030	2100	2130	2200	2230	2300	2330
TVCR	6	0115	0130	0145	0200	1030	2330						

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0 Other	
Tower C	ERR	0000-0645	20.0 TM100	100m Temp. values in error (wiring error)
		0900-1745		
		1900-2145		
	ERR	0000-1145	50.0 WS30	30 m Wd speed values anomalously low (wind threshold error)
	OK		100.0 Other	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, March 5, 2013

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	1	0545
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	26	0000 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 1215 1245 1315 1415 1445 1515 1545 1615 1645 1715
TVCR	7	0100 0115 0130 0145 0200 1345 2045

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0545 0800-1145 1300-2345	12.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Mid-day thundershowers in area; Trace snowfall – Late PM

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, March 6, 2013

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	0715																		
TOWK	0																			
TOWL	0																			
TOWM	0																			
M115	0																			
M222	0																			
TOWY	0																			
TOWS	0																			
WEST	0																			
TVAW	17	0100	1530	1600	1630	1700	1745	1800	1830	1900	1930	2000	2030	2100	2130	2200	2300	2330		
TVCR	8	0100	0115	0130	0145	0200	0415	1000	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	Other
Tower C	ERR	0000-0745	12.0	TM100 100m Temp. values in error (wiring error)
		1100-2345		
	ERR	2300-2345	96.0	WS30 30m Wind Speed values in error (high 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

Oak Ridge/ ORNL / Karns – 0.5 inches snowfall 0000-0900 hrs

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, March 7, 2013

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 2 1100 1145

TOWB 2 1100 1145

TOWC 2 1100 1300

TOWK 1 1100

TOWL 2 1100 1200

TOWM 2 1100 1200

M115 0

M222 0

TOWY 0

TOWS 0

WEST 0

TVAW 19 0015 0100 0130 0200 0215 0245 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915

TVCR 7 0100 0115 0130 0145 0200 0615 2030

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-1645 1900-2245	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0145	92.0	WS30 30m Wind Speed values in error (high 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, March 8, 2013

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 1300 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 0

M222 0

TOWY 0

TOWS 0

WEST 1 1515

TVAW 33 0030 0100 0200 0300 0400 0430 0500 0530 0600 0700 0730 0800 0900 0930 1000 1030 1100 1215 1245 1315 1330

1345 1400 1745 1830 1845 1915 1945 2015 2045 2115 2145 2215

TVCR 8 0100 0115 0130 0145 0200 0900 1830 2330

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

Site Status Time Ranges Pct Recovery Special Notes

Tower A OK 100.0

Tower B OK 100.0 Other

Tower C ERR 0800-0845 46.0 TM100 100m Temp. values in error (wiring error)
1000-1345
1500-1645
1800-2345

OK 100.0 Other

Tower K OK 100.0

Tower L OK 100.0

Tower M OK 100.0

Tower S OK 100.0

Tower W OK 100.0

Tower Y OK 100.0

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, March 9, 2013

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 2245 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	4	0045 2230 2300 2330
TVCR	5	0115 0130 0145 0200 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	OK		100.0	Other
Tower C	ERR	0000-0745	4.0	TM100 100m Temp. values in error (wiring error)
		0900-2345		
	ERR	2100-2345	88.0	WS30 30m Wind Speed values in error (high 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, March 10, 2013

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	17	0215	0230	0245	0300	0315	0330	0345	0400	0415	0430	0445	0500	0515	0530	0545	0600	0615	
TOWB	17	0215	0230	0245	0300	0315	0330	0345	0400	0415	0430	0445	0500	0515	0530	0545	0600	0615	
TOWC	17	0215	0230	0245	0300	0315	0330	0345	0400	0415	0430	0445	0500	0515	0530	0545	0600	0615	
TOWK	17	0215	0230	0245	0300	0315	0330	0345	0400	0415	0430	0445	0500	0515	0530	0545	0600	0615	
TOWL	17	0215	0230	0245	0300	0315	0330	0345	0400	0415	0430	0445	0500	0515	0530	0545	0600	0615	
TOWM	17	0215	0230	0245	0300	0315	0330	0345	0400	0415	0430	0445	0500	0515	0530	0545	0600	0615	
M115	9	0130	0215	0230	0245	0300	0315	0330	1830	1900									
M222	9	0130	0215	0230	0245	0300	0315	0330	1830	1900									
TOWY	3	0215	0230	1900															
TOWS	3	0215	0230	1900															
WEST	3	0215	0230	1900															
TVAW	18	0000	0030	0100	0115	0230	0300	0330	0400	0430	0500	0530	0600	0630	1800	1815	1830	1845	1900
TVCR	9	0100	0115	0130	0800	1800	1815	1830	1845	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	Other
Tower C	ERR	0000-0745 0900-1245 1400-2345	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0700-0745 0900-0945 2300-2345	88.0	WS30 30m Wind Speed values in error (high threshold)
	OK		88.0	WS30
Tower K	OK		100.0	Other
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, March 11, 2013**

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	44	0000-1030	2345											
TOWB	44	0000-1030	2345											
TOWC	44	0000-1030	2345											
TOWK	44	0000-1030	2345											
TOWL	44	0000-1030	2345											
TOWM	44	0000-1030	2345											
M115	6	0000 0015	0030 0045	0430	1186									
M222	1	1186												
TOWY	1	1186												
TOWS	2	1186 2330												
WEST	1	1186												
TVAW	8	0045 0430	1030 1045	1100 1115	1130 2345									
TVCR	12	0115 0130	0145 0200	0500 1200	1500 1530	2300 2315	2330	2345						

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-1145 1300-1345 1700-1745 1900-1945 2300-2345	33.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0045	96.0	WS30 30m Wind Speed values in error (high 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

Cold front PM

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, March 12, 2013

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	3	0745 0800 2345
TOWB	3	0745 0800 2345
TOWC	4	0745 0800 0845 2345
TOWK	3	0745 0800 2345
TOWL	3	0745 0800 2345
TOWM	3	0745 0800 2345
M115	2	0815 0830
M222	2	0715 0730
TOWY	2	0730 0745
TOWS	2	0730 0745
WEST	2	0730 0745
TVAV	28	0015 0030 0045 0100 0200 0215 0245 0315 0345 0415 0445 0515 0545 0615 0700 0715 0730 0745 0815 0900 0930
1000	1015	1045 1100 1130 1145 1200
TVCR	21	0015 0030 0045 0100 0115 0130 0145 0200 0645 0700 0845 0900 0915 0930 1000 1130 1145 1200 1215 1415 1715

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-1145 1300-1745 1900-2045 2300-2345	33.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, March 13, 2013

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	0600 1130 2345																			
TOWK	1	2345																			
TOWL	1	2345																			
TOWM	1	2345																			
M115	0																				
M222	0																				
TOWY	0																				
TOWS	0																				
WEST	0																				
TVAV	19	0100 1330 1345 1445 1515 1545 1615 1645 1730 1745 1815 1845 1915 1945 2015 2045 2115 2145 2215																			
TVCR	10	0100 0115 0130 0145 0200 0500 0515 0530 1330 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	Other
Tower C	ERR	0000-1345 1600-2345	8.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Snow shower in Oak Ridge about 1730 hrs

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, March 14, 2013

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	1430 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	0	
M222	0	
TOWY	0	
TOWS	0	
WEST	0	
TVAW	3	0100 0115 0230
TVCR	9	0100 0115 0130 0145 0200 0515 0700 1300 1700

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-1545 1700-2245	8.0	TM100 100m Temp. values in error (wiring error)
	ERR	0200-0245 0400-0445	92.0	WS30 30m Wind Speed values in error (high 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, March 15, 2013**

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 0
 WEST 1 0815
 TVAW 39 0045 0200 0215 0245 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915 0945 1115 1200 1230
 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1915 1930 2000 2030 2100 2200
 TVCR 8 0115 0130 0145 0200 0545 1330 1915 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	Other
Tower C	ERR	0300-0345 0500-0545 0700-1145 1400-1445 1900-2345	33.0	TM100 100m Temp. values in error (wiring error)
	ERR	0300-0345 0700-0845	88.0	WS30 30m Wind Speed values in error (high 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, March 16, 2013

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	0														
WEST	0														
TVAW	13	0100	1745	1845	1915	1945	2015	2045	2115	2145	2215	2245	2315	2345	
TVCR	7	0100	0115	0130	0145	0200	0830	2245							

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0245 0400-0545 1000-1745 2100-2245	33.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, March 17, 2013

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	0														
WEST	0														
TVAW	13	0100 1745 1845 1915 1945 2015 2045 2115 2145 2215 2245 2315 2345													
TVCR	7	0100 0115 0130 0145 0200 0830 2245													

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0045 0500-1345 1600-2245	29.0	TM100 100m Temp. values in error (wiring error)
	ERR	0500-0645	92.0	WS30 30m Wind Speed values in error (high 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

T1 line to Tower "L" (1209) failed.

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Monday, March 18, 2013**

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	0645 2345																		
TOWK	1	2345																		
TOWL	1	2345																		
TOWM	1	2345																		
M115	0																			
M222	0																			
TOWY	0																			
TOWS	0																			
WEST	0																			
TVAW	17	0045 1600 1630 1700 1730 1800 1830 1900 1930 2000 2030 2115 2130 2200 2230 2300 2345																		
TVCR	7	0115 0130 0145 0200 1200 2115 2345																		

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0 Other	
Tower C	ERR	0500-1045 1400-1545 1700-2345	16.0 TM100	100m Temp. values in error (wiring error)
	ERR	1900-2045	92.0 WS30	30m Wind Speed values in error (high 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

Lines of thundershowers crossed area W-to-E during mid-day and late afternoon.

Cold front passage PM

T1 line to Tower "L" (1209) tested by KR Birdwell (0930 hrs); repaired by Verizon 1700 hrs.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, March 19, 2013

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	0645 2345																			
TOWK	1	2345																			
TOWL	1	2345																			
TOWM	1	2345																			
M115	0																				
M222	0																				
TOWY	0																				
TOWS	0																				
WEST	0																				
TVAW	17	0045 1600 1630 1700 1730 1800 1830 1900 1930 2000 2030 2115 2130 2200 2230 2300 2345																			
TVCR	7	0115 0130 0145 0200 1200 2115 2345																			

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0100-0645 0800-1145 1300-1345 1600-1745 1900-2345	20.0	TM100 100m Temp. values in error (wiring error)
	ERR	0700-0845	92.0	WS30 30m Wind Speed values in error (high 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, March 20, 2013

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 0

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 0

M222 0

TOWY 0

TOWS 0

WEST 0

TVAV 22 0100 1030 1100 1130 1200 1230 1300 1330 1515 1530 1600 1630 1700 1730 1800 1830 1900 1945 2030 2100 2130
2200

TVCR 22 0100 0115 0130 0145 0200 1515 1530 2015 2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330
2345

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0 Other	
Tower C	ERR	0000-0645 0800-1545 1700-1745 1900-2345	12.0 TM100	100m Temp. values in error (wiring error)
	ERR	0300-0745	80.0 WS30	30m Wind Speed values in error (high 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, March 21, 2013

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	1330																
TOWK	0																	
TOWL	0																	
TOWM	0																	
M115	4	1900	1915	1930	1945													
M222	17	1145	1200	1215	1230	1245	1300	1315	1330	1345	1400	1415	1430	1445	1800	1815	1830	1845
TOWY	0																	
TOWS	1	0245																
WEST	1	0245																
TVAV	13	0100	0130	0200	0230	0400	0500	0530	0600	0630	0700	2215	2315	2345				
TVCR	96	0000-2345																

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

Site No. Time Ranges

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0 Other	
Tower C	ERR	0000-1345 1500-2345	4.0 TM100	100m Temp. values in error (wiring error)
	ERR	2200-2345	92.0 WS30	30m Wind Speed values in error (high 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, March 22, 2013

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 1300 1430
TOWK 0
TOWL 0
TOWM 0
M115 1 0645
M222 5 0545 0645 0700 0730 0815
TOWY 1 0600
TOWS 1 0600
WEST 1 0600
TVAV 15 0045 0100 0600 0630 0700 0730 0800 0830 0900 0915 0945 1015 1045 1115 1145
TVCR 38 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 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	Other
Tower C	ERR	0000-2345	0.0	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, March 23, 2013**

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	1	0600
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	2	0645 0800
TOWY	0	
TOWS	0	
WEST	0	
TVAV	26	0045 0700 0730 0800 0845 0900 0930 1000 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1630 1730 1800 1900 2015 2215 2315 2345
TVCR	6	0115 0130 0145 0200 0845 2100

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

Site	Status	Time Ranges	Pct Recovery	Special Notes
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0645 0800-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0200-0345 0500-0545	88.0	WS30 30m Wind Speed values in error (high threshold)
	OK		100.0	Other
	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, March 24, 2013**

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	0715
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	1	0645
TOWY	1	0200
TOWS	2	0200 1115
WEST	1	0200
TVAW	10	0015 0100 0130 0200 0215 0245 2200 2230 2300 2330
TVCR	7	0100 0115 0130 0145 0200 0900 2115

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0045 0200-0745 1100-2345	16.0	TM100 100m Temp. values in error (wiring error)
	ERR	0100-0145	96.0	WS30 30m Wind Speed values in error (high threshold)
	OK		100.0	Other
	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, March 25, 2013

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	1015																				
TOWK	0																					
TOWL	0																					
TOWM	0																					
M115	0																					
M222	41	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						
TOWY	1	0500																				
TOWS	0																					
WEST	1	0500																				
TVAW	22	0000	0030	0100	0115	0145	0200	0230	0300	0330	0430	0500	0530	0600	0630	0815	0845	0915	1145	1315	1345	1415
										1445												
TVCR	9	0100	0115	0130	0145	0200	1015	1715	1745	2230												

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-1545 1700-1845 2100-2345	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0200-0345 0500-0545	88.0	WS30 30m Wind Speed values in error (high threshold)
	OK		100.0	Other
	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: 0.4 in. Oak Ridge.; 0.2 in ORNL, 0.4 in Karns

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, March 26, 2013

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 1 1815

M222 96 0000-2345

TOWY 1 1730

TOWS 2 1145 1730

WEST 1 1730

TVAW 23 0045 0900 0930 1000 1030 1130 1230 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 1945 2015 2045 2130 2145 2215

TVCR 8 0115 0130 0145 0200 0930 1230 1315 2130

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

Site	Status	Time Ranges	Pct Recovery	Special Notes
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0845 1000-2345	4.0	TM100 100m Temp. values in error (wiring error)
	OK		100.0	Other
	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.	

Communication/Weather Notes

Snow: 0.2 in. Oak Ridge.; 0.1in ORNL, 0.1 in Karns

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, March 27, 2013

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	96	0000-2345
TOWY	0	
TOWS	0	
WEST	0	
TVAW	7	0100 1830 1900 1930 2000 2030 2100
TVCR	7	0100 0115 0130 0145 0200 1000 2145

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0845 1000-1545 1700-2345	8.0	TM100 100m Temp. values in error (wiring error)
	ERR	2200-2345	92.0	WS30 30m Wind Speed values in error (high threshold)
	OK		100.0	Other
	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.	

Communication/Weather Notes

None

**Oak Ridge Reservation
 Daily Meteorological Tower Status Report for:
 Thursday, March 28, 2013**

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	1130 1215 2145
TOWK	0	
TOWL	0	
TOWM	0	
M115	0	
M222	32	0000-0745
TOWS	0	
WEST	0	
TVAV	21	0030 0100 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915 0945 1015 1045 1115 1145 1215
TVCR	7	0100 0115 0130 0145 0200 0915 2130

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

Site	Status	Time Ranges	Pct Recovery	Special Notes
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-2245	4.0	TM100
	ERR	0100-0945	58.0	WS30
		2300-2345		
	OK		100.0	Other
	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.	

Communication/Weather Notes
 None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Friday, March 29, 2013**

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	1	0930																			
TOWK	0																				
TOWL	0																				
TOWM	0																				
M115	3	1030	1045	1100																	
M222	3	0930	0945	1000																	
TOWY	0																				
TOWS	0																				
WEST	0																				
TVAW	19	0045	1215	1245	1315	1345	1415	1445	1515	1545	1615	1645	1715	1745	1815	1845	1915	1945	2015	2045	
TVCR	6	0115	0130	0145	0200	0930	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	Other
Tower C	ERR	0100-1545 1800-2345	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0445 0900-1045 1400-1445	67.0	WS30 30m Wind Speed values in error (high threshold)
	OK		100.0	Other
	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.	

Communication/Weather Notes
None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, March 30, 2013

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	0	
WEST	0	
TVAW	13	0030 0100 0115 0200 0230 0300 0330 1645 1715 1745 1815 1900 2345
TVCR	7	0100 0115 0130 0145 0200 0845 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	Other
Tower C	ERR	0100-1245 1400-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	1300-1345 1800-1845 2200-2245	67.0	WS30 30m Wind Speed values in error (high threshold)
	OK		100.0	Other
	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.	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, March 31, 2013

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	41	0715-1715																	
TOWL	41	0715-1715																	
TOWM	0																		
M115	0																		
M222	0																		
TOWY	0																		
TOWS	0																		
WEST	0																		
TVAW	17	0030 0100 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900																	
TVCR	8	0100 0115 0130 0145 0200 0530 1545 1600																	

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0345 0500-0845 1100-1245 1400-1945 2100-2345	20.0	TM100 100m Temp. values in error (wiring error)
	ERR	0100-0145 0300-0345	92.0	WS30 30m Wind Speed values in error (high threshold)
	OK		100.0	Other
	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.	

Communication/Weather Notes

None