

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

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June 2013

Tower ID Summary:

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

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, June 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	9	1200-1345, 2345
TOWB	9	1200-1345, 2345
TOWC	9	1200-1345, 2345
TOWK	9	1200-1345, 2345
TOWL	9	1200-1345, 2345
TOWM	9	1200-1345, 2345
M115	0	
M222	0	
TOWY	1	0815
TOWS	1	0815
WEST	1	0815
TVAW	8	0100 2030 2100 2130 2200 2230 2300 2330
TVCR	8	0045 0100 0115 0130 0145 0200 0530 1800

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	0700-1245	75.0	TM10 10m Temp. values in error due to aspirator failure caused by scheduled power outage
	ERR	0700-1245	75.0	TM30 30m Temp. values in error due to aspirator failure caused by scheduled power outage
	ERR	0000-2345	0.0	TM100 100m Temp. values in error (wiring error)
	ERR	0300-0445	92.0	WS30 30m Wind Speed values in error (high threshold)
	ERR	1200-1345	92.0	All No data due to scheduled power failure
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

Thundershower crossed ORNL area early evening.

Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Sunday, June 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>																
TOWA	1	2345																
TOWB	1	2345																
TOWC	2	1730 2345																
TOWK	1	2345																
TOWL	1	2345																
TOWM	1	2345																
M115	4	0830 0845 0900 0915																
M222	4	0730 0800 0815 0830																
TOWY	4	0800 0815 0830 0830																
TOWS	4	0800 0815 0830 0830																
WEST	4	0800 0815 0830 0830																
TVAW	33	0000 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0500 0530 0600 0700 0715 0800 0815 0830 0845 0915 0945 1015 1045 1115 1145 1215 1245 1315 1345 1415 1445 1545																
TVCR	12	0100 0115 0130 0145 0200 0700 0715 0800 0815 0830 1630 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	Other
Tower C	ERR	0000-2345	0.0	TM100 100m Temp. values in error
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Thundershowers crossed ORNL area from W-to-E intermittently throughout the day.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, June 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 1 2345

TOWB 1 2345

TOWC 2 0800 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 6 0945 1015 1045 1115 1145 1215

M222 2 0845 1115

TOWY 0

TOWS 0

WEST 0

TVAW 29 0100 0800 0900 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1745 1815 1845
1915 1945 2015 2045 2115 2145 2215 2245 2315 2345

TVCR 7 0100 0115 0130 0145 0200 0630 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	Other
Tower C	ERR	0600-0845 1000-2345	29.0	TM100 100m Temp. values in error
	ERR	0100-0445 0700-0745 2200-2345	71.0	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

Early morning fog

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, June 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 5 1845 1900 1915 1930 2345

TOWB 5 1845 1900 1915 1930 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 0

M222 0

TOWY 0

TOWS 0

WEST 0

TVAW 11 0015 0100 0130 0200 2030 2100 2130 2200 2230 2300 2330

TVCR 8 0100 0115 0130 0145 0200 0545 1515 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 100m Temp. values in error
	ERR	0000-0545	75.0	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, June 5, 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 1 0045

WEST 0

TVAW 32 0000 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0515 0530 0600 0630 0700 0730 1015 1115
1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845

TVCR 7 0100 0115 0130 0145 0200 0515 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	Other
Tower C	ERR	0000-0045 0200-1745 1900-1945 2100-2345	12.0	TM100 100m Temp. values in error
	ERR	0100-0245	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

Late afternoon thunderstorms developed and crossed area from approximately SW to NE

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, June 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 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 15 0045 1245 1300 1315 1330 1500 1600 2000 2030 2100 2130 2200 2230 2300 2330

TVCR 6 0115 0130 0145 0200 0745 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	Other
Tower C	ERR	0000-0645 0900-1445 1600-2345	12.0	TM100 100m Temp. values in error
	ERR	0200-0445	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:

Friday, June 7, 2013

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 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 8 0000 0030 0100 0115 0145 1115 1215 1315

TVCR 10 0100 0115 0130 0145 0200 0515 0530 0545 1215 2300

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-1745 2200-2345 1600-2345	16.0	TM100 100m Temp. values in error
	ERR	0300-0345 2100-2345	84.0	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, June 8, 2013

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 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 24 0045 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 1930 2030 2115 2145 2215 2245 2345

TVCR 5 0115 0130 0145 0200 1330

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 0500-2345	4.0	TM100 100m Temp. values in error
	ERR	0700-0745 2000-2345	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:

Sunday, June 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)

Site No. Time Ranges

TOWA 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 0

M222 0

TOWY 0

TOWS 1 1115

WEST 0

TVAW 8 0015 0100 0345 0430 2200 2230 2300 2330

TVCR 25 0100 0115 0130 0145 0200 0430 0530 0715 0815 0915 1015 1115 1130 1230 1330 1430 1615 1715 1815 1830 1930 2030 2130 2230 2330

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0145 0300-0545 0800-1345 1500-1645 1800-2345	20.0	TM100 100m Temp. values in error
	ERR	0000-0345	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

Afternoon thunderstorms

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, June 10, 2013

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 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 2 0315 1030

M222 42 0930 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 0945

TOWS 2 0145 0945

WEST 1 0945

TVAW 19 0015 0030 0100 0115 0145 0200 0230 0315 0330 0415 0430 0515 0530 0615 0630 0715 0745 0815 0845

TVCR 65 0015 0100 0115 0130 0145 0200 0315 0400 0415 0430 0500 0515 0530 0600 0615 0630 0700 0715 0745 0800 0815 0845 0900 0915 0945 1000

1015 1030 1115 1130 1200 1215 1230 1300 1315 1345 1400 1415 1430 1500 1515 1530 1600 1615 1630 1715 1730 1800 1815 1830 1900 1915 1930 2000

2015 2030 2100 2115 2130 2200 2215 2230 2300 2315 2330

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0245 0500-1545 1800-2345	16.0	TM100 100m Temp. values in error
	ERR	2000-2045	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

Afternoon thunderstorms

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, June 11, 2013

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 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 0

M222 95 0000 0015 0030 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

TOWY 0

TOWS 2 0200 0230

WEST 0

TVAW 23 0100 0500 0530 0600 0630 0700 0730 0800 0830 0845 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1445 1530

TVCR 69 0015 0030 0100 0115 0130 0145 0200 0315 0330 0400 0430 0445 0500 0515 0530 0600 0615 0630 0700 0715 0730 0800 0815 0830 0845 0915 0930 1000 1015 1030 1100 1115 1130 1200 1215 1230 1300 1315 1330 1400 1415 1430 1445 1515 1530 1600 1615 1630 1700 1715 1730 1800 1815 1830 1900 1915 1930 1945 2015 2030 2045 2115 2130 2200 2215 2230 2300 2315 2330

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0145 0500-2145 2300-2345	16.0	TM100 100m Temp. values in error
	ERR	0000-0145 0500-0745 1900-2345	58.0	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, June 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 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 0

M222 47 0000 0015 0030 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

TOWY 0

TOWS 0

WEST 0

TVAW 17 0100 1630 1645 1715 1745 1830 1845 1930 1945 2030 2045 2130 2145 2230 2245 2330 2345

TVCR 33 0015 0030 0100 0115 0130 0145 0200 0430 0530 0630 0730 0745 0830 0845 0945 1045 1130 1230 1330 1430 1530 1630 1645 1745 1830 1930
2030 2130 2145 2230 2245 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	0000-1745 1900-2345	4.0	TM100 100m Temp. values in error
	ERR	0000-0045 0200-0345 0500-0545	84.0	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, June 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)

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 1 2000

TOWS 1 2000

WEST 1 2000

TVAW 21 0015 0100 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100

TVCR 8 0045 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	0000-2345	0.0	TM100 100m Temp. values in error
	ERR	0100-0245	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

Mid-day thunderstorms

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, June 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)

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 1 1500

TOWS 2 1500 1530

WEST 2 1500 1530

TVAW 16 0045 0815 0845 0915 0945 1015 1045 1115 1145 1215 1245 1315 1345 1415 1445 1515

TVCR 6 0115 0130 0145 0200 0915 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	Other
Tower C	ERR	0000-0245 0400-2345	4.0	TM100 100m Temp. values in error
	ERR	0300-0445 0700-0745	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, June 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 1 0030

TOWS 1 0030

WEST 1 0030

TVAW 37 0030 0100 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0930 0945 1015 1045 1115 1145 1215 1245 1315 1345 1415 1445

1830 1900 1930 2000 2030 2115 2130 2200 2230 2300 2330

TVCR 9 0100 0115 0130 0145 0200 0845 0930 1215 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	0000-1545 1800-1845 2000-2045 2200-2345	16.0	TM100 100m Temp. values in error
	ERR	0300-0345 0500-0545 2100-2345	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:

Sunday, June 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 2 0245 2200

TOWS 2 0245 2200

WEST 2 0245 2200

TVAW 14 0045 0145 1815 1845 1915 1945 2030 2045 2115 2145 2215 2245 2315 2345

TVCR 6 0115 0130 0145 0200 1015 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	0100-0145 0200-0545 0700-1745 2000-2345	20.0	TM100 100m Temp. values in error
	ERR	0000-0145 0400-0545	84.0	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

Thunderstorms in area late PM

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, June 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	2	0245	2200																	
TOWS	2	0245	2200																	
WEST	2	0245	2200																	
TVAW	14	0045	0145	1815	1845	1915	1945	2030	2045	2115	2145	2215	2245	2315	2345					
TVCR	6	0115	0130	0145	0200	1015	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	0000-0645 0800-0845 1000-2345	20.0	TM100 100m Temp. values in 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, June 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 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 0

M222 0

TOWY 0

TOWS 0

WEST 0

TVAW 26 0045 1115 1145 1215 1245 1315 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 1930 2000 2030 2100 2130 2200
2230 2300 2330

TVCR 46 0045 0115 0130 0145 0200 1145 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

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 0200-1945 2100-2345	92.0	TM100 100m Temp. values in error
	ERR	2000-2245	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:

Wednesday, June 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 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 0

M222 0

TOWY 0

TOWS 0

WEST 0

TVAW 3 0100 2300 2330

TVCR 40 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 2300

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0845 1100-2345	8.0	TM100 100m Temp. values in error
	ERR	0100-0445 0800-0845 2000-2045 2200-2245	71.0	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, June 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 1 2345
TOWK 1 2345
TOWL 1 2345
TOWM 1 2345
M115 0
M222 0
TOWY 0
TOWS 1 0045
WEST 0
TVAV 40 0000 0030 0100 0115 0145 0200 0230 0300 0330 0400 0430 0515 0530 0600 0700 0800 0845 0915 0945
1015 1045 1115 1200 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 1945
2015
TVCR 7 0100 0115 0130 0145 0200 1200 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	Other
Tower C	ERR	0000-1945 2100-2345	4.0	TM100 100m Temp. values in error
	ERR	0000-0545	75.0	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

Thunderstorm in area (just NE of ORR) around 1800 hrs

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, June 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)

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 28 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 0

WEST 0

TVAW 22 0045 1245 1300 1345 1400 1445 1500 1545 1600 1645 1700 1745 1800 1845 1900 1945 2000 2045 2100 2145 2200 2245

TVCR 45 0045 0115 0130 0145 0200 0345 0400 0445 0500 0545 0630 0645 0730 0745 0800 0845 0900 0945 1000 1045 1130 1145 1230

1245 1300 1345 1400 1445 1500 1545 1600 1645 1730 1745 1830 1845 1945 2000 2045 2100 2145 2200 2245 2300 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	0000-0545 0700-1445 1600-1945 2200-2245	20.0	TM100 100m Temp. values in error
	ERR	0000-0045 0200-0545	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:

Saturday, June 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 1 2345
TOWB 1 2345
TOWC 1 2345
TOWK 1 2345
TOWL 1 2345
TOWM 1 2345
M115 3 1045 1100 1115
M222 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
TOWY 0
TOWS 1 2315
WEST 0
TVAW 13 0100 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845
TVCR 8 0045 0100 0115 0130 0145 0200 0245 1300

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 0800-2245	8.0	TM100 100m Temp. values in 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, June 23, 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 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
TOWY 0
TOWS 1 0130
WEST 0
TVAW 14 0045 0100 0445 0500 0545 0600 0645 0700 0745 0815 0845 0900 0945 1000
TVCR 66 0045 0100 0115 0130 0145 0200 0330 0345 0400 0430 0445 0500 0530 0545 0600 0630 0645 0700 0730 0745 0800 0815 0845
0900 0930 0945 1000 1030 1045 1100 1130 1145 1200 1215 1245 1300 1345 1400 1430 1445 1500 1530 1545 1600 1630 1645 1700 1715
1745 1800 1830 1845 1900 1945 2000 2030 2045 2100 2130 2145 2200 2215 2245 2300 2315 2345

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-2345	0.0	TM100 100m Temp. values in error
	ERR	0000-0045	60.0	WS30 30m Wind Speed values in error (high threshold)
		0400-0645		
		0800-0845		
		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

Thunderstorm at ORNL around 1800-1835 hrs

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, June 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)

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 96 0000-2345TOWY 0
TOWS 3 0645 1230 2115
WEST 0
TVAW 27 0100 0600 0700 0730 0800 0815 0900 1000 1045 1145 1200 1230 1300 1330 1415 1445 1515 1545 1600 1645 1700 1745 1800
1845 1915 1930 2015
TVCR 66 0030-0200 0330-0345 0400-0415 0445-0515 0545-0600 0630-0700 0730-0815 0845-0915 0945-1000 1030-1100 1130-1200 1230
1300 1330 1400 1415 1445-1515 1545-1600 1630-1700 1730-1800 1830-1900 1915 2000-2015 2045-2115 2145-2200 2230-2300 2330-2345

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0100-0245 0400-0645 0800-1945 2100-2245	20.0	TM100 100m Temp. values in error
	ERR	0000-0145 0300-0845 2000-2245	54.0	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

Thunderstorm at ORNL around 1800-1835 hrs

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, June 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)

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 48 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
TOWY 0
TOWS 1 2230
WEST 0
TVAW 18 0100 0345 1615 1645 1715 1745 1830 1845 1930 1945 2030 2045 2115 2145 2230 2245 2330 2345
TVCR 34 0030 0045 0100 0115 0130 0145 0200 0415 0515 0615 0700 0715 0815 0845 0930 1015 1115 1215 1315 1415 1515 1615 1715
1815 1830 1915 1930 2015 2030 2115 2215 2230 2315 2330

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0045 0200-0545 0700-0745 1000-1445 1600-2245	25.0	TM100 100m Temp. values in error
	ERR	0100-0145	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

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, June 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 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 78 0430-2345

M222 0

TOWY 0

TOWS 0

WEST 0

TVAW 12 0015 0100 0130 0200 0215 0245 0315 0430 0445 0945 1015 1115

TVCR 66 0015 0100-0200 0315 0345-0430 0515 0530 0600-0630 0700 0715 0745-0815 0845-0915 0945-1030
1100-1130 1200-1230 1300-1330 1400 1415 1445-1515 1545-1630 1700-1730 1800-1830 1915 1930 2000-2030
2100-2130 2200-2230 2300-2330

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0200-0345 0500-0545 0700-1245 1500-1945 2200-2345	33.0	TM100 100m Temp. values in 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 afternoon thundershower; MCS-thunderstorm complex crossed ORR area late PM.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, June 27, 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 96 0000-2345
M222 3 1630 1815 1830
TOWY 3 1645 1830 1845
TOWS 4 1630 1645 1830 1845
WEST 4 1630 1645 1830 1845
TVAW 19 0100 0415 0445 0515 0545 0615 0630 0715 0730 0815 0830 0915 0930 1015 1030 1115 1145 1215 1230
TVCR 75 0015-0200 0315 0330 0415-0445 0515 0530 0545 0615 0630 0700 0715 0730 0800 0815 0830 0900 0915
1000 1015 1030 1100 1115 1130 1145 1215 1230 1300 1315 1330 1400 1415 1430 1500 1530-2345

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	0000-0845 1200-1245 1400-1445 1800-1945 2100-2245	38.0	TM100 100m Temp. values in error
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Early morning and evening thunderstorms

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, June 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 1 2345

TOWB 1 2345

TOWC 1 2345

TOWK 1 2345

TOWL 1 2345

TOWM 1 2345

M115 96 0000-2345

M222 0

TOWY 0

TOWS 0

WEST 0

TVAV 23 0045 0100 0115 0215 0245 0915 0945 1015 1045 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645
1715 1745

TVCR 37 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 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	Other
Tower C	ERR	0000-0045 0200-0345 0500-0945 1100-1245 1400-1745 2000-2345	25.0	TM100 100m Temp. values in error
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Cold front late PM

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, June 29, 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	2345														
TOWK	1	2345														
TOWL	1	2345														
TOWM	1	2345														
M115	96	0000-2345														
M222	4	0845 1345 1415 1430														
TOWY	4	0900 1415 1430 1500														
TOWS	4	0900 1415 1430 1500														
WEST	4	0900 1415 1430 1500														
TVAW	13	0100 0900 1345 1415 1430 2015 2045 2115 2200 2215 2245 2315 2345														
TVCR	15	0100 0115 0130 0145 0200 0345 0900 1015 1030 1415 1430 1515 1700 1900 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	Other
Tower C	ERR	0100-0345 0500-0545 0700-1445 1600-1845 2100-2345	20.0	TM100 100m Temp. values in error
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

Early AM cold front and (thundershower passage?)

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, June 30, 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	2345																			
TOWK	1	2345																			
TOWL	1	2345																			
TOWM	1	2345																			
M115	96	0000-2345																			
M222	0																				
TOWY	0																				
TOWS	0																				
WEST	0																				
TVAW	14	0015 0100 0130 0200 0215 0245 0315 0345 0415 0445 0515 0545 0615 0715																			
TVCR	7	0100 0115 0130 0145 0200 1115 2300																			

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0200-2345	8.0	TM100 100m Temp. values in 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