

***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

August 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:

Thursday, August 1, 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 1 2345
TOWB 1 2345
TOWC 2 1145 2345
TOWK 1 2345
TOWL 1 2345
TOWM 1 2345
M115 96 0000-2345
M222 1 0000
TOWY 1 0015
TOWS 1 0015
WEST 1 0015
TVAW 23 0100 0945 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 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	0000-2345	0.0	TM100 100m Temp. values in error (wiring error)
	ERR	0100-0245	84.0	WS30 30m Wind Speed values anomalously low (threshold error)
		0400-0445		
		2300-2345		
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

AM thunderstorm crossed ORR from WNW to ESE

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, August 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	1	2345
TOWB	1	2345
TOWC	1	2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	2	0615 0800
TOWY	0	
TOWS	0	
WEST	0	
TVAV	15	0100 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915 2115 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	Other
Tower C	ERR	0000-2345	0.0	TM100 100m Temp. values in error (wiring error)
	ERR	0100-0345	67.0	WS30 30m Wind Speed values anomalously low (threshold error)
		0500-0545		
		2000-2345		
	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, August 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)

<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	1	0000												
TOWY	1	0015												
TOWS	1	0015												
WEST	1	0015												
TVAW	20	0045 0100 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300 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	0000-1645 1800-1945 2100-2145 2300-2345	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0145 0300-0445 0600-0845	71.0	WS30 30m Wind Speed values anomalously low (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:

Sunday, August 4, 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 96 0000-2345

M222 2 0000 2345

TOWY 1 0015

TOWS 3 0015 0100 2200

WEST 2 0015 0100

TVAW 26 0100 0515 0615 0645 0815 0845 1200 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 1915 2015 2045 2115 2145 2215 2245 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	0000-0045 0200-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	2300-2345	96.0	WS30 30m Wind Speed values anomalously low (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:

Monday, August 5, 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 96 0000-2345

M222 0

TOWY 1 0015

TOWS 2 0015 0100

WEST 1 0015

TVAW 3 0015 0045 0100

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	0000-0945 1100-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0100-0645 0800-0845 1900-2245	54.0	WS30 30m Wind Speed values anomalously low (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, August 6, 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 96 0000-2345

M222 0

TOWY 0

TOWS 0

WEST 0

TVAW 18 0015 0045 0100 0115 0145 0215 0245 0315 0345 0415 0445 0515 0545 0615 0645 0715 1500 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	Other
Tower C	ERR	0000-0045 0200-0345 0500-1645 1800-1845 2100-2345	20.0	TM100
	ERR	0000-0045 0200-0245 0400-0445	88.0	WS30
	OK		100.0	Other
Tower K	ERR	1000-1245	88.0	Multiple
				Calibrations performed by CB&I (intermittent instrument errors)
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, August 7, 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 96 0000-2345

M222 0

TOWY 1 1015

TOWS 2 0030 1015

WEST 1 1015

TVAW 20 0100 0845 0915 0945 1015 1600 1700 1730 1800 1830 1900 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	0000-0045 0200-0245 0500-1945 2100-2345	16.0	TM100
	ERR	0000-0045 0600-0745	88.0	WS30
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower S	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, August 8, 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 96 0000-2345

M222 0

TOWY 0

TOWS 1 2245

WEST 0

TVAW 10 0030 0100 0130 0200 0230 0300 0330 1000 1015 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	Other
Tower C	ERR	0000-1545		
		1700-2345	4.0	TM100
	ERR	0600-0645	92.0	WS30
		1000-1145		100m Temp. values in error (wiring error) 30m Wind Speed values anomalously low (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

Thundershowers south of ORNL around 1800 hrs.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, August 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 96 0000-2345

M222 0

TOWY 0

TOWS 1 0545

WEST 0

TVAV 33 0045 0100 0115 0215 0245 0315 0415 0445 0515 0645 0715 0745 0930 1000 1030 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600
1630 1700 1730 1800 1830 1900 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	0000-0645		
		0800-2345	4.0	TM100
	ERR	0000-0045	92.0	WS30
		0700-0745		100m Temp. values in error (wiring error)
		0900-0945		30m Wind Speed values anomalously low (threshold error)
		2200-2245		
	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 area late PM (2300 hrs)

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, August 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)

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 1 2345

TOWY 0

TOWS 0

WEST 0

TVAW 5 0100 2215 2245 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	0000-0045 0200-0345 0600-2345	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0300-0445 2000-2045 2300-2345	84.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
Tower K	OK		92.0	PREC Rain guage fell behind rainfall rate 1500-1600 hrs; Values corrected from Tower L
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 area mid-late afternoon; over 3 inches of rain at ETPP; 1.75 inches at ORNL.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, August 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)

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 1 0015

TOWS 1 0015

WEST 1 0015

TVAW 24 0015 0045-0115 0145 0215 0245 0315 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915 0945 1015 1045 1115

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 0800-1445 1600-2245	16.0	TM100 100m Temp. values in error (wiring error)
	ERR	0400-0445 1900-1945	92.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
Tower K	ERR	1500-2345	63.0	PREC Rain guage fell behind rainfall rate 1500-1600 hrs; Values corrected from Tower L
			100.0	Other Lightning near miss at K1208; communications reset 0930 hrs on 08/12/2013 by KR Birdwell
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 crossed ORR late afternoon from WNW to ESE

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Monday, August 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 96 0000-2345

M222 0

TOWY 0

TOWS 3 0300 0815 1530

WEST 0

TVAW 22 0100 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 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	0000-0145 0300-1745 2000-2145	20.0	TM100 100m Temp. values in error (wiring error)
	ERR	0200-0245	92.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
Tower K	ERR	0000-0930	100.0	All Lightning near miss at K1208; communications reset 0930 hrs on 08/12/2013 by KR Birdwell
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

Scattered thunderstorms crossed ORR area mid-afternoon from W to E

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, August 13, 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 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 24 0030 0100 0130 0200 0230 0300 0330 0400 0515 0715 0745 0815 0845 0915 0945 1015 1045 1115 1145
1215 1245 1315 1345 1415

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 0000-0045

1400-1445

1700-1845

16.0 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

Cold front passage PM

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, August 14, 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 96 0000-2345

M222 0

TOWY 0

TOWS 1 2100

WEST 0

TVAW 21 0100 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 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	0000-2345	0.0	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:

Thursday, August 15, 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 96 0000-2345

M222 2 0000 2345

TOWY 1 0030

TOWS 2 0030 0530

WEST 1 0030

TVAW 6 0030 0100 0130 0200 0230 0330

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 (wiring error)
	ERR	2100-2145	96.0	WS30 30m Wind Speed values anomalously low (threshold 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		100.0	

Communication/Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Friday, August 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 7 1415 1430 1445 1500 1515 1530 2345

TOWM 1 2345

M115 96 0000-2345

M222 0

TOWY 1 0000

TOWS 2 0000 0315

WEST 1 0000

TVAW 27 0100 0345 0415 0445 0515 0545 0615 0645 0715 0745 0815 0845 0915 0945 1015 1045 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545
1615

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0545 0700-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0200-0345 2100-2145	88.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
	OK		100.0	Other
Tower K	OK		100.0	
Tower L	ERR	1400-1545	92.0	All Calibrations performed by CB&I (intermittent data errors)
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, August 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)

<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	1	2345
TOWY	0	
TOWS	0	
WEST	0	
TVAW	14	0100 1630 1730 1830 1900 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	0000-0345	4.0	TM100	100m Temp. values in error (wiring error)
		0500-2345			
	ERR	0200-0345	92.0	WS30	30m Wind Speed values anomalously low (threshold 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		100.0		

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Sunday, August 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)

<i>Site</i>	<i>No.</i>	<i>Time Ranges</i>
TOWA	1	2345
TOWB	1	2345
TOWC	2	0700 2345
TOWK	1	2345
TOWL	1	2345
TOWM	1	2345
M115	96	0000-2345
M222	0	
TOWY	1	0000
TOWS	1	0000
WEST	1	0000
TVAW	13	0030 0100 0130 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630

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 (wiring error)
	ERR	0700-0745	84.0	WS30 30m Wind Speed values anomalously low (threshold error)
		1000-1045		
		2100-2245		
	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, August 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 96 0000-2345
M222 1 0000
TOWY 1 0015
TOWS 3 0015 1515 1745
WEST 1 0015
TVAW 20 0100 0545 0645 0715 0815 0845 0915 0945 1015 1045 1115 1145 1215 1245 1345 1415 1445 1515 1545
1615

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-0045 0200-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0300-0345 1100-1145 2000-2145	84.0	WS30 30m Wind Speed values anomalously low (threshold 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		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Tuesday, August 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)

<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	1	0000
TOWY	1	0015
TOWS	1	0015
WEST	1	0015
TVAW	8	0100 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	0000-1045 1200-1945 2000-2245	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0300-0345 0800-0845 1900-2145 2300-2345	75.0	WS30 30m Wind Speed values anomalously low (threshold 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		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, August 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 2 0745 2345

TOWB 2 0745 2345

TOWC 2 0745 2345

TOWK 2 0745 2345

TOWL 2 0745 2345

TOWM 2 0745 2345

M115 96 0000-2345

M222 1 0715

TOWY 2 0745 2145

TOWS 9 0015 0745 0815 1400 1415 1430 1445 1500 1515

WEST 3 0745 2045 2145

TVAW 15 0030 0100 0130 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0745

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	0000-2145 2300-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0045 0200-0245 0600-0645 0900-0945 2000-2245	71.0	WS30 30m Wind Speed values anomalously low (threshold 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		100.0	

Communication/Weather Notes

Early afternoon thundershowers crossed area from WSW to ENE

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, August 22, 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 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 1 0115
WEST 0
TVAW 25 0100 0915 1115 1145 1215 1245 1315 1345 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915
1945 2015 2045 2115 2145 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	Other
Tower C	ERR	0000-1845 2000-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0145 0300-0345 1800-1845 2100-2345	71.0	WS30 30m Wind Speed values anomalously low (threshold 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		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Friday, August 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 96 0000-2345

M222 0

TOWY 0

TOWS 1 1945

WEST 0

TVAW 1 0100

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 (wiring error)
	ERR	0200-0245	71.0	WS30 30m Wind Speed values anomalously low (threshold error)
		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		100.0	

Communication/Weather Notes

Thunderstorms crossed ORR from N-S late afternoon.

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, August 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 96 0000-2345

M222 1 0000

TOWY 1 0030

TOWS 1 0030

WEST 1 0030

TVAW 24 0030 0100 0130 0200 0230 0300 0330 0400 0430 0500 0530 0600 0630 0700 0730 0800 0830 0900 0930 1000 1030 1100 1130 1200

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 (wiring error)
	ERR	0000-0045	88.0	WS30 30m Wind Speed values anomalously low (threshold error)
		2100-2245		
	OK		100.0	Other
	OK		100.0	Other
Tower K	ERR	2045-2345	84.0	All Missing data (unscheduled power failure?)
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, August 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 96 0000-2345

M222 0

TOWY 0

TOWS 0

WEST 0

TVAW 21 0100 1415 1445 1515 1545 1615 1645 1715 1745 1815 1845 1915 1945 2015 2045 2115 2145 2215 2245
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	0000-0245 0400-2145	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0045 0300-0345 2200-2345	84.0	WS30 30m Wind Speed values anomalously low (threshold error)
	OK		100.0	Other
	OK		100.0	Other
Tower K	ERR	0045-0045	96.0	All Missing data (unscheduled power failure?)
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, August 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)

<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	55	1015-2345
TOWY	1	1745
TOWS	1	1745
WEST	1	1745
TVAW	4	0015 0045 0100 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	Other
Tower C	ERR	0100-1945 2100-2345	8.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0245 0400-0445 0800-0845 2200-2345	80.0	WS30 30m Wind Speed values anomalously low (threshold 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		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, August 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 2 0915 2345

M115 96 0000-2345

M222 9 0000 0015 0030 0045 0100 0115 0130 0145 0200

TOWY 0

TOWS 0

WEST 0

TVAV 30 0045 0100 0330 0400 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 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	0100-0545 0700-1945 2100-2245	12.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0045 0300-0445 1800-2145	71.0	WS30 30m Wind Speed values anomalously low (threshold 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		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Wednesday, August 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 2 1200 2345
TOWB 2 1200 2345
TOWC 2 1200 2345
TOWK 2 1200 2345
TOWL 2 1200 2345
TOWM 2 1200 2345
M115 94 0000-2345
M222 2 0000 1115
TOWY 3 0015 1215 1545
TOWS 2 0015 1215
WEST 2 0015 1215
TVAW 9 0100 1215 2015 2045 2115 2145 2215 2245 2315

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	Other
Tower C	ERR	0000-1145 1300-2345	4.0	TM100 100m Temp. values in error (wiring error)
	ERR	0000-0345 0500-0545 0700-2045 2200-2245	84.0	WS30 30m Wind Speed values anomalously low (threshold 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		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Thursday, August 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)

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 1 0000

TOWY 11 0015 1645 1700 1715 1730 1745 1800 1815 1830 1845 1900

TOWS 2 0015 1900

WEST 1 0015

TVAW 17 0015 0045 0100 0115 0145 0215 0245 0315 0415 0445 0515 0545 0615 0645 0745 1300 1500

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	ERR	1615-1700	96.0 All	Missing data (Unsheduled power failure?)
Tower C	ERR	0000-2345	0.0 TM100	100m Temp. values in error (wiring error)
	ERR	2100-2145	96.0 WS30	30m Wind Speed values anomalously low (threshold 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		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation**Daily Meteorological Tower Status Report for:****Friday, August 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 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 3 1115 1245 1500

WEST 0

TVAW 27 0100 1100 1130 1200 1230 1300 1330 1400 1430 1500 1530 1600 1630 1700 1730 1800 1830 1900 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	
Tower C	ERR	0000-1545 1700-2345	4.0 TM100	100m Temp. values in error (wiring error)
	ERR	0300-0645 1000-1045	80.0 WS30	30m Wind Speed values anomalously low (threshold 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		100.0	

Communication/Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Saturday, August 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)

<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	1	0000
TOWY	1	0030
TOWS	1	0030
WEST	1	0030
TVAW	4	0030 0100 0130 0200

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 0500-2345	4.0 TM100	100m Temp. values in error (wiring error)
	OK		100.0 Other	
	OK		100.0 Other	
Tower K	ERR	2100-2345	88.0 Prc	Precip values in error; corrected from Tower L
	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

Thunderstorm crossed area from WNW to ESE around sunrise; MCS complex crossed area from NNW-to-SSE around 2100 hrs