

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

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Oak Ridge National Laboratory

February 2010

Tower ID Summary:

<i>Name</i>	<i>Alternate Names</i>	<i>ORR Site</i>	<i>Elevation (m)</i>	<i>Easting, Northing (m)</i>	<i>Measuring Hts</i>
Tower A	MT4, 7571	ORNL	263	743179,3978105	10,30
Tower B	MT3, 6555, 07	ORNL	256	743398,3979683	10,30
Tower C	MT2, 1057, 03	ORNL	261	741423,3978768	10,30,100
Tower K	MT1, 1208	ETTP	253	735675,3979503	10,60
Tower L	MT7, 1209	ETTP	233	735110,3978654	10,30
Tower M	MT10, 208A	ETTP	237	735720,3976860	10
Tower W	MT6, Y12W, West	Y12	326	748890,3986700	10,60
Tower Y	MT9, PSS Tower	Y12	290	747926.3985859	15, 33

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Monday, February 1, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0000-1745	25.0	25.0	Temp10	10-m Temp values are anomalously (high 0.5-1.0C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Tuesday, February 2, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Early morning rainfall; 1-2" remaining snowcover (0600 hrs)

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**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Wednesday, February 3, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0900-1445	75.0	75.0	Temp10	10-m Temp values are anomalously (high 0.5-1.0C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	ERR	0800-1745	60.0	60.0	Temp10	10-m Temp values are anomalously low (0.5-1.0C); Values corrected using Tower B DT values
	OK		100.0	100.0	All Other Sensors	
Tower M	OK		100.0	100.0		
Tower W	ERR	1430	99.0	100.0	All	Missing 15-min data (Y12 network error?)
Tower Y	ERR	1430	99.0	100.0	All	Missing 15-min data (Y12 network error?)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Snow melt continues but Trace to 1 inch amounts remain

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Thursday, February 4, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0300-1645	40.0	40.0	Temp10	10-m Temp values are anomalously (high 0.5-1.0C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Snow melt continues but Trace amounts remain

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Friday, February 5, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

<i>Site Name</i>	<i>Status</i>	<i>Time Range</i>	<i>% Data Recovered</i>		<i>Sensors Affected</i>	<i>Comments</i>
			<i>15-min</i>	<i>60-min</i>		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

<i>Affected Systems</i>	<i>Time Range</i>	<i>%Data Recovered</i>	<i>Cause/Repair</i>
<i>None</i>			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Saturday, February 6, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	ERR	0130	99.0	100.0	All	Missing 15-min data (Y12 network error?)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Cold front passage 0300-0900 hrs; snow flurries observed during afternoon hours.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Sunday, February 7, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	ERR	2130	99.0	100.0	All	Missing 15-min data (Y12 network error?)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Sow flurries observed during afternoon hours in Norris area.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Monday, February 8, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

<i>Site Name</i>	<i>Status</i>	<i>Time Range</i>	<i>% Data Recovered</i>		<i>Sensors Affected</i>	<i>Comments</i>
			<i>15-min</i>	<i>60-min</i>		
Tower A	ERR	0900-1545	71.0	71.0	Temp10	10-m Temp values are anomalous (high 0.5-1.0C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	ERR	0900-1745	64.0	64.0	Temp10	10-m Temp values are anomalous (low 0.5C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower M	OK		100.0	100.0		
Tower W	ERR	1245	99.0	100.0	All	Missing 15-min data (Y12 network error?)
Tower Y	ERR	0515, 1245	98.0	100.0	All	Missing 15-min data (Y12 network error?)

NETWORK INTERRUPTIONS

<i>Affected Systems</i>	<i>Time Range</i>	<i>%Data Recovered</i>	<i>Cause/Repair</i>
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Tuesday, February 9, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

<i>Site Name</i>	<i>Status</i>	<i>Time Range</i>	<i>% Data Recovered</i>		<i>Sensors Affected</i>	<i>Comments</i>
			<i>15-min</i>	<i>60-min</i>		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

<i>Affected Systems</i>	<i>Time Range</i>	<i>%Data Recovered</i>	<i>Cause/Repair</i>
<i>None</i>			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Snow showers in area late PM (Oak Ridge); Arctic cold front during late afternoon and evening.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Wednesday, February 10, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

<i>Site Name</i>	<i>Status</i>	<i>Time Range</i>	<i>% Data Recovered</i>		<i>Sensors Affected</i>	<i>Comments</i>
			<i>15-min</i>	<i>60-min</i>		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

<i>Affected Systems</i>	<i>Time Range</i>	<i>%Data Recovered</i>	<i>Cause/Repair</i>
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Snow showers approx. 0500-1100 hrs and again in evening; a dusting of snow fell during mid-morning.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Thursday, February 11, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0900-1645	67.0	67.0	Temp10	10-m Temp values are anomalous (high 0.5-1.0C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Friday, February 12, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0000-1345	40.0	40.0	Temp10	10-m Temp values are anomalous (high 0.5-1.0C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
Tower K	0900-1100	100.0	Tower K communication line switched from 1200 baud phone line to T1 ethernet connection by DA Fye and KR Birdwell.

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Saturday, February 13, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0900-1345	71.0	71.0	Temp10	10-m Temp values are anomalous (high 0.5-1.0C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Sunday, February 14, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

<i>Site Name</i>	<i>Status</i>	<i>Time Range</i>	<i>% Data Recovered</i>		<i>Sensors Affected</i>	<i>Comments</i>
			<i>15-min</i>	<i>60-min</i>		
Tower A	ERR	0500-0945	71.0	71.0	Temp10	10-m Temp values are anomalous (high 0.5-1.0C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	0100	99.0	100.0	All	Missing 15-min data (Y12 network error?)
Tower Y	ERR	0100	99.0	100.0	All	Missing 15-min data (Y12 network error?)

NETWORK INTERRUPTIONS

<i>Affected Systems</i>	<i>Time Range</i>	<i>%Data Recovered</i>	<i>Cause/Repair</i>
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Snow flurries observed during the afternoon.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Monday, February 15, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0300-0645	84.0	84.0	Temp10 m	10-m Temp values are anomalous (high 0.5-1.0C); Values corrected using Tower B/C DT values 10 and 30-m wind direction and speed values in error (snow resting on sensors)
	ERR	0500-0545	96.0	96.0	Winds 10,30 m	
Tower B	OK	0500-0545	100.0	100.0	All Other Sensors	10 and 30-m wind direction and speed values in error (snow resting on sensors)
	ERR		96.0	96.0	Winds 10, 30 m	
Tower C	OK	0500-0545, 0700-1145	100.0	100.0	All Other Sensors	10-m wind direction and speed values in error (snow resting on sensors) 30-m wind direction and speed values in error (snow resting on sensors)
	ERR		75.0	75.0	Winds 10 m	
	ERR		0500-0545	96.0	96.0	
Tower K	OK	0300-0545	100.0	100.0	All Other Sensors	10 and 30-m wind speed values in error (snow resting on sensors)
	ERR		88.0	88.0	Wind speed 10 and 60 m	
Tower L	OK	0300-0645	100.0	100.0	All Other Sensors	10-m Temp values anomalous (high 0.5C) Values corrected using Tower DT interpolation 10 and 30-m wind speed values in error (snow resting on sensors)
	ERR		84.0	84.0	Temp 10 m	
Tower M	ERR	0300-0545	88.0	88.0	Winds 10, 30 m	10-m wind direction value in error (snow resting on sensor)
	ERR		0500-0545	96.0	96.0	
Tower W	OK	1430	100.0	100.0	All Other Sensors	Missing 15-min data (Y12 network error?)
	ERR		99.0	100.0	All	
Tower Y	ERR	2145	99.0	100.0	All	Missing 15-min data (Y12 network error?)

Weather Notes

2.2 inches of snowfall in Oak Ridge, TN (approximately 1 inch at ORNL).

3.1 inches at Norris, TN

Accumulating snowfall occurred between about 0300-0730 hrs.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Tuesday, February 16, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

<i>Site Name</i>	<i>Status</i>	<i>Time Range</i>	<i>% Data Recovered</i>		<i>Sensors Affected</i>	<i>Comments</i>
			<i>15-min</i>	<i>60-min</i>		
Tower A	ERR	0000-1645, 2100-2345	16.0	16.0	Temp10	10-m Temp values are anomalous (high 0.5C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

<i>Affected Systems</i>	<i>Time Range</i>	<i>%Data Recovered</i>	<i>Cause/Repair</i>
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Snow showers occurred all day until about 2000 hrs. A dusting of snowfall occurred before sunrise.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Wednesday, February 17, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

<i>Site Name</i>	<i>Status</i>	<i>Time Range</i>	<i>% Data Recovered</i>		<i>Sensors Affected</i>	<i>Comments</i>
			<i>15-min</i>	<i>60-min</i>		
Tower A	ERR	0000-2345	0.0	0.0	Temp10	10-m Temp values are anomalous (high 0.5C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	ERR	0945-1030	96.0	96.0	All	Missing 15-min data (Power failure)
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

<i>Affected Systems</i>	<i>Time Range</i>	<i>%Data Recovered</i>	<i>Cause/Repair</i>
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Periodic snow showers and flurries occurred. A trace of snowfall occurred.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Thursday, February 18, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0000-1745	25.0	25.0	Temp10	10-m Temp values are anomalous (high 0.5C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Friday, February 19, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0800-1745	60.0	60.0	Temp10	10-m Temp values are anomalous (high >0.5C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Saturday, February 20, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0800-1645	64.0	64.0	Temp10	10-m Temp values are anomalous (high >0.5C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	ERR	0600-2345	25.0	25.0	Wind Dir 30	30-m wind direction values in error (instrument failure)
	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Sunday, February 21, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0800-1645	64.0	64.0	Temp10	10-m Temp values are anomalous (high >0.5C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	ERR	0000-2345	0.0	0.0	Wind Dir 30	30-m wind direction values in error (instrument- logger setting failure)
	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Monday, February 22, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

<i>Site Name</i>	<i>Status</i>	<i>Time Range</i>	<i>% Data Recovered</i>		<i>Sensors Affected</i>	<i>Comments</i>
			<i>15-min</i>	<i>60-min</i>		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	ERR	0000-1115	52.0	52.0	Wind Dir 30	30-m wind direction values in error (instrument -logger setting failure)
	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	0545, 0915	98.0	99.0	All	Missing 15-min data (Y12 network errors?)
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

<i>Affected Systems</i>	<i>Time Range</i>	<i>%Data Recovered</i>	<i>Cause/Repair</i>
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Tuesday, February 23, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	ERR	0145	99.0	99.0	All	Missing 15-min data (Y12 network errors?)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Wednesday, February 24, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	1400	99.0	100.0	All	Missing 15-min data (Y12 network errors?)
Tower Y	ERR	1400	99.0	100.0	All	Missing 15-min data (Y12 network errors?)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Snow showers late afternoon; Trace of snowfall.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Thursday, February 25, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	0830, 0900-0915	97.0	100.0	All	Missing 15-min data (Y12 network errors?)
Tower Y	ERR	0900-0915	98.0	100.0	All	Missing 15-min data (Y12 network errors?)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Morning (0400-1100 hrs) snow shows, some heavy; Snowfall of 0.2 inches at ORNL; 0.3 inches at Oak Ridge, 0.4 inches at Norris.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Friday, February 26, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0800-1745	60.0	60.0	Temp10	10-m Temp values are anomalous (high >0.5C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Saturday, February 27, 2010
 Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0800-1545	67.0	67.0	Temp10	10-m Temp values are anomalous (high >0.5C); Values corrected using Tower B/C DT values
	OK		100.0	100.0	All Other Sensors	
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	OK		100.0	100.0		
Tower Y	OK		100.0	100.0		

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

Snow flurries observed late afternoon (Norris area).

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Sunday, February 28, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308

Email birdwellkr@ornl.gov, Pager 865.873.7149

SITE STATUS (Instrumentation, 15-Minute Data Collection)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	OK		100.0	100.0		
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	1645-2215	76.0	76.0	All	Y12 network or ORR network errors
Tower Y	ERR	1500, 1645-2215	75.0	75.0	All	Y12 network or ORR network errors

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
None			

Special Notes

Wind speed threshold is 0.5 mph on all sites unless otherwise noted.

Weather Notes

None