

***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

March 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, March 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)

<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

None

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

Tuesday, March 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	ERR	2115	99.0	100.0	All	Missing 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

Rain/snow mix from about 0800-1400 hrs; a trace of snowfall was observed.

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

Wednesday, March 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)

<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

None

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

Thursday, March 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)

<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

None

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

Friday, March 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, March 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)

<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

None

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

Sunday, March 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		Intermittent aspirator failure at 10m Temp Probe?
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, March 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	1515-1615	95.0	96.0	All	Missing data (Quarterly calibrations performed by Shaw Environmental)
Tower B	ERR	1630-1700	97.0	96.0	All	Missing data (Quarterly calibrations performed by Shaw Environmental)
Tower C	ERR	1300-1430	93.0	92.0	All	Missing or intermittent data (Quarterly calibrations performed by Shaw Environmental)
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		Intermittent aspirator failure at 10m Temp Probe?
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

None

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

Tuesday, March 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	ERR	0838-1009	94.0	92.0	All	Missing data (Quarterly calibrations performed by Shaw Environmental)
Tower L	ERR	1057-1159	95.0	96.0	All	Missing data (Quarterly calibrations performed by Shaw Environmental)
Tower M	OK		100.0	100.0		
Tower W	ERR	1530-1615	96.0	96.0	All	Missing or intermittent data (Quarterly calibrations performed by Shaw Environmental)
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>
Tower K	1100-1500,1745-2345	100.0% (75% 1-min)	Communication line failure

Special Notes

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

Aspirators and precip gauge heater discovered off at Tower L quarterly calibration (someone has disconnected the power to them)

Weather Notes

None

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

Wednesday, March 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)

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
Tower K	0000-1500	100.0% (75% 1-min)	Intermittent communication errors (repaired by Verizon Wireless at 1500 hrs.

Special Notes

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

Aspirators and precip gauge heater discovered off at Tower L quarterly calibration (someone has disconnected the power to them)

Weather Notes

None

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

Thursday, March 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	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		Aspirator powered restored by Shaw Environmental at 1130 hrs
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.

SAspirators and precip gauge heater discovered off at Tower L quarterly calibration (someone has disconnected the power to them)

Weather Notes

None

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

Friday, March 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)

<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

Thunderstorms crossed area from SSW to NNW from 1400 to 1700 hrs.

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

Saturday, March 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)

<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:**

Sunday, March 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)

Site Name	Status	Time Range	% Data Recovered		Sensors Affected	Comments
			15-min	60-min		
Tower A	ERR	0200-0245	96.0	96.0	All	Daylight Savings Time Start
Tower B	ERR	0200-0245	96.0	96.0	All	Daylight Savings Time Start
Tower C	ERR	0200-0245	96.0	96.0	All	Daylight Savings Time Start
Tower K	ERR	0200-0245	96.0	96.0	All	Daylight Savings Time Start
Tower L	ERR	0200-0245	96.0	96.0	All	Daylight Savings Time Start
Tower M	ERR	0200-0245 1615-1745	88.0	88.0	All All	Daylight Savings Time Start Missing data (power failure)
Tower W	ERR	0200-0245	96.0	96.0	All	Daylight Savings Time Start
Tower Y	ERR	0200-0245	96.0	96.0	All	Daylight Savings Time Start

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, March 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)

<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:**

Tuesday, March 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	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:**

Wednesday, March 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	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

None

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

Thursday, March 18, 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	0630	99.0	100.0	All	Missing data (likely network timing error)
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, March 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)

<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	ERR	0630	99.0	100.0	All	Missing data (likely network timing error)
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:**

Saturday, March 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)

<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

None

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

Sunday, March 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	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	1030, 1730	98.0	100.0	All	Missing data (network timing error?)
Tower Y	ERR	1015, 1730	98.0	100.0	All	Missing data (network timing 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

Occluded front passage around 2100 hrs; thundershowers crossed ORNL area from SSW to NNE about 2100-2200 hrs.

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

Monday, March 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	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

Sleet observed in Oak Ridge (approx. 1500 hrs)

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

Tuesday, March 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	1915, 2000	98.0	100.0	All	Missing data (network transfer 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

None

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

Wednesday, March 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	OK		100.0	100.0		
Tower Y	ERR	2145	99.0	100.0	All	Missing data (network transfer error?)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
Tower M	0000-2345	100.0%	Communication restored 03/26/10; 15 and 60-min tower data recovered

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:**

Thursday, March 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)

<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	ERR	0000-2345	0.0	0.0	All	Missing data (communication line failure)
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>
Tower M	0000-2345	100.0%	Communication restored 03/26/10; 15 and 60-min tower data recovered

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, March 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	1200-1245, 2000-2245	84.0	84.0	Temp10	10m Temp values in error (sensor error?) Values corrected through interpolation
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 M	0000-1015	100.0%	Communication restored; 15 and 60-min tower data recovered

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, March 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	1100-1245, 1400-1445	88.0	88.0	Temp10	10m Temp values in error (sensor error?) Values corrected using Tower C data
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, March 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)

<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	1000-1145	92.0	92.0	Temp10	10m Temp values in error (sensor error?) Values corrected using Tower C data
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	ERR	0000-2345	0.0	100.0	All	Missing data (communication line failure) Hourly data from 03/28/10 thru 04/12/10 at 1600 hrs recovered via direct download
Tower W	ERR	0115, 2000	98.0	100.0	All	Missing data (Y12 network errors?)
Tower Y	ERR	0115, 2000, 2230	97.0	100.0	All	Missing data (Y12 network errors?)

NETWORK INTERRUPTIONS

<i>Affected Systems</i>	<i>Time Range</i>	<i>%Data Recovered</i>	<i>Cause/Repair</i>
Tower M	1515-2345	100.0%	Communication restored; 15 and 60-min tower data recovered

Special Notes

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

Weather Notes

Thundershowers crossed area 0600-0700 hrs and during mid afternoon (1400-1600 hrs)

Monday, March 29, 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	ERR	0000-2345	0.0	100.0	All	Missing data (communication line failure) Hourly data from 03/28/10 thru 04/12/10 at 1600 hrs recovered via direct download
Tower W	ERR	1045	99.0	100.0	All	Missing data (Y12 network timing error?)
Tower Y	ERR	1045	99.0	100.0	All	Missing data (Y12 network timing 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

Tower M	0000-2345	100.0%	Communication restored; 15 and 60-min tower data recovered
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**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:**

Tuesday, March 30, 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	1000-1145, 1300-1445	84.0	84.0	Temp10	10m Temp values in error (sensor error?) Values corrected using Tower C data
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	ERR	0000-2345	0.0	100.0	All	Missing data (communication line failure) Hourly data from 03/28/10 thru 04/12/10 at 1600 hrs recovered via direct download
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 M	0000-2345	100.0%	Communication restored; 15 and 60-min tower data recovered

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, March 31, 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	1000-1445	79.0	79.0	Temp10	10m Temp values in error (sensor error?) Values corrected using interpolation / Tower C
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	ERR	0000-2345	0.0	100.0	All	Missing data (communication line failure) Hourly data from 03/28/10 thru 04/12/10 at 1600 hrs recovered via direct download
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>
Tower M	0000-2345	100.0%	Communication restored; 15 and 60-min tower data recovered

Special Notes

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

Weather Notes

None