

***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

September 2008

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, September 1, 2008

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

“Convergence” zone between Hurricane Gustav in LA and High Pressure in the NE US may have enhanced development of T-showers which moved from SE to NW through Northern Anderson Co. around 1900 hrs. Enhanced lift over Knoxville may have contributed to shower development as well.

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

Tuesday, September 2, 2008

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	ERR	0215-0315	94.0	96.0	All	Missing data (power failure)
	ERR	1000-1945	54.0	54.0	T10	10m temperature values in error (aspirator failure)
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	1045-1115	97.0	96.0	All	Missing data (network timing error)
Tower Y	ERR	1045-1115	97.0	96.0	All	Missing data (network timing 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:**

Wednesday, September 3, 2008

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	ERR	0900-1945	50.0	50.0	T10	10m temperature values in error (aspirator failure)
	OK		100.0	100.0	Other	
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	1430-1530	95.0	96.0	All	Missing or erroneous data (Quarterly calibrations performed by Shaw Environmental)
Tower Y	ERR	1045-1245	91.0	92.0	All	Missing or erroneous data (Quarterly calibrations performed by Shaw Environmental)

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, September 4, 2008

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	ERR	0900-1045	92.0	92.0	T10	10m temperature values in error (aspirator failure); Shaw Env. repaired at 1045 hrs
	OK		100.0	100.0	Other	
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, September 5, 2008

Compiled by KR Birdwell, MS6418, CSM/CS&ED, 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, September 6, 2008

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, September 7, 2008

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:**

Monday, September 8, 2008

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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	2300	99.0	100.0	All	Missing 15-min (communication error)
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>Dasmet, www1</i>	<i>2300-2345</i>	<i>100.0%</i>	<i>Tower C communication failure after T-showers in area.</i>

Special Notes

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

Weather Notes

T-Storms moved across area from south to north around 2100-2300 hrs. May have been caused by 850 mb upper level wind convergence.

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

Tuesday, September 9, 2008

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	0900-1315	81.0	84.0	All	Missing data (schedule power outage)
Tower B	OK		100.0	100.0		
Tower C	ERR	1315-1430	94.0	92.0	All	Missing data (power failure)
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	2300-2345	96.0	96.0	All	Missing data (network transfer failure)
Tower Y	ERR	2300-2345	96.0	96.0	All	Missing data (network transfer failure)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
www1	2300-2345	100% ORNL, ETPP, 96% Y12	Network data transfer failure (unknown cause)

Special Notes

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

Weather Notes

Thundershowers occurred between 0300-0800 hrs. Thunderstorm crossed area around 1600-1700 hrs with heavy rain; storm was part of a line that moved west to east from the Cumberland Plateau and then across the area.

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

Wednesday, September 10, 2008

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	0000-0530	76.0	76.0	All	Missing data (network transfer failure)
Tower Y	ERR	0000-0530	76.0	76.0	All	Missing data (network transfer failure)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
www1	2300-2345	100% ORNL, ETPP, 96% Y12	Network data transfer failure (unknown cause)

Special Notes

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

Weather Notes

Thundershowers occurred between 1700-1900 hrs. Development occurred on the eastern edge of the Cumberland Plateau with west-to-east movement across the ORR. Storms weakened as they approached the area.

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

Thursday, September 11, 2008

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>
www1, edas1	2130-2345	100%	Communication failure with Tower C, data caught up around 0500 hrs on 09/12/2008.

Special Notes

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

Weather Notes

Thundershowers moved south to north across Knoxville and Norris areas around 2100-2300 hrs just brushing the ORNL campus.

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

Friday, September 12, 2008

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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>
www1, edas1	0000-0445	100%	Communication failure with Tower C, data caught up around 0500 hrs

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, September 13, 2008

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, September 14, 2008

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

Cold front passage around 2200 hrs; light rain during 2-3 hrs preceding the front.

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

Monday, September 15, 2008

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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, September 16, 2008

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	2100-2215	94.0	96.0	All	Missing data (tower offline – unknown cause)

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, September 17, 2008

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	ERR	0245	99.0	100.0	All	Missing 15-min data (communication line error)
Tower M	OK		100.0	100.0		
Tower W	ERR	1830, 1930	98.0	100.0	All	Missing 15-min data (network timing error?)
Tower Y	ERR	1830, 1930	98.0	100.0	All	Missing 15-min data (network timing 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:**

Thursday, September 18, 2008

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	0915-1245, 1415-1930	62.0	60.0	All	Missing data (Y-12 network error)
Tower Y	ERR	0915-1245, 1415-1930	62.0	60.0	All	Missing data (Y-12 network error)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
Dasmet, www1	0915-1245, 1415-1930	100% ORNL, ETPP, 62% Y-12	Data collection or network error at Y-12

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, September 19, 2008

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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	1415	99.0	100.0	All	Missing 15-min data
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, September 20, 2008

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, September 21, 2008

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	0230-0245	98.0	100.0	All	Missing 15-min data (Y12 network 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:**

Monday, September 22, 2008

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	1045, 1245-1300	97.0	100.0	All	Missing 15-min data (Y12 network or timing errors)
Tower Y	ERR	1045, 1245-1300, 1430	96.0	100.0	All	Missing 15-min data (Y12 network or timing errors)

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, September 23, 2008

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.

ORNL sodar interference noted around 1600-1700 hrs.

Weather Notes

None

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

Wednesday, September 24, 2008

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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:**

Wednesday, September 24, 2008

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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	99.0	100.0	All	Missing 15-min data (network timing error)
Tower Y	ERR	0830	99.0	100.0	All	Missing 15-min 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

None

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

Thursday, September 25, 2008

Compiled by KR Birdwell, MS6418, CSM/CS&ED, 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, September 26, 2008

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

Tropical-type low pressure area moved toward area from east (NC-SC) and produced very light rain late in the day.

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

Saturday, September 27, 2008

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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, September 28, 2008

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:**

Monday, September 29, 2008

Compiled by KR Birdwell, MS6418, CSM/CSSED, 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>
All	2015-2345		ETOS Sites missing from Y-12 data feed

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, September 30, 2008

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	0930-1115	92.0	92.0	All	Missing data (Y-12 network error)
Tower Y	ERR	0930-1115	92.0	92.0	All	Missing data (Y-12 network error)

NETWORK INTERRUPTIONS

Affected Systems	Time Range	%Data Recovered	Cause/Repair
All	0000-2345		ETOS Sites missing from Y-12 data feed

Special Notes

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

Weather Notes

None

