

***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

June 2010

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
WEST	Tower W	MT6, Y12W, West	Y12	326	748890,3986700	10,60
TOWY	Tower Y	MT9, PSS Tower	Y12	290	747926.3985859	15, 33
M001	T001	Oak Ridge ATDD	NOAA			
M003	T003	Oak Ridge Municipal	NOAA			
M110	T110	OR/Y-12 Water Plant	NOAA			
M112	T112	Lenoir City Fire Tower	NOAA			
M113	T113	Heiskell Fire Tower	NOAA			
M114	T114	Sharp's Ridge Fire Tower	NOAA			
M115	T115	Morristown NWS Office	NOAA			
M116	T116	Madisonville Fire Tower	NOAA			
M117	T117	Pone Knob/Decatur Fire Tower	NOAA			
M119	T119	ORR Walker Branch Tower	NOAA			
M220	T220	Powell Mt. / Tazewell Fire Tower	NOAA			
M222	T222	Purchase Knob, NC	NOAA			
M223	T223	Cove Mt. Fire Tower	NOAA			
M225	T225	English Mt. Fire Tower	NOAA			
M226	T226	Roosevelt Mt./Rockwood Fire Tower	NOAA			
M227	T227	Walnut Mt. / LaFollette Fire Tower	NOAA			

*Note: Towers A, B, C, K, L, M are listed in the DATA MISSING sections only when data are missing.

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

Tuesday, June 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	ERR	0000-2345	0.0	0.0	Wind Dir 30/100m	30/100-m wind direction in error (approx. 56/60 deg.) Values corrected on daily reports.
Tower K	ERR	0000-2345	0.0	0.0	All	60-meter wind direction in error
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	1215, 2015	98.0	100.0	All	Missing data (network error)
Tower Y	ERR	1215, 2015	98.0	100.0	All	Missing data (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:**

Wednesday, June 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)

<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	1245-1330	96.0	96.0	All	Missing data (Quarterly calibrations performed by Shaw Environmental)
Tower C	ERR	0000-2345	0.0	0.0	Wind Dir 30/100m	30/100-m wind direction in error (approx. 56/60 deg.) Values corrected on daily reports.
	OK		100.0	100.0	Other	
Tower K	ERR	0000-1100	54.0	54.0	All	60-meter wind direction in error
	ERR	0800-1100	87.0	88.0	All	Missing data (60-meter wind direction repaired)
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	0930, 1145-1300 1330-1345	90.0	92.0	All	Missing data (network error)
Tower Y	ERR	0245, 0915, 1245 1315-1330	95.0	100.0	All	Missing data (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:**

Thursday, June 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	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	ERR	0000-2345	0.0	0.0	Wind Dir 30/100m	30/100-m wind direction in error (approx. 56/60 deg.)
	ERR	1015-2345	36.0	36.0	Wind Dir 10m	Values corrected on daily reports. 10-m values reprogrammed (40 deg off) Values corrected on daily reports.
	OK		100.0	100.0	Other	
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	1145	99.0	100.0	All	Missing data (network error)
Tower Y	ERR	1145	99.0	100.0	All	Missing data (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

None

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

Friday, June 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	ERR	0000-2345	0.0	0.0	Wind Dir 30/100m	30/100-m wind direction in error (approx. 56/60 deg.)
	ERR	1015-2345	0.0	0.0	Wind Dir 10m	Values corrected on daily reports. 10-m values reprogrammed (40 deg off)
	OK		100.0	100.0	Other	Values corrected on daily reports.
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:**

Saturday, June 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	ERR	0000-2345	0.0	0.0	Wind Dir 30/100m	30/100-m wind direction in error (approx. 56/60 deg.)
	ERR	1015-2345	0.0	0.0	Wind Dir 10m	Values corrected on daily reports. 10-m values reprogrammed (40 deg off)
	OK		100.0	100.0	Other	Values corrected on daily reports.
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, June 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	ERR	0000-2345	0.0	0.0	Wind Dir 30/100m	30/100-m wind direction in error (approx. 56/60 deg.)
	ERR	1015-2345	0.0	0.0	Wind Dir 10m	Values corrected on daily reports. 10-m values reprogrammed (40 deg off)
	OK		100.0	100.0	Other	Values corrected on daily reports.
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

Cold front passage during afternoon / Strong showers crossed area around 1500-1600 hrs from NW-SE. No lightning observed.

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

Monday, June 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)

<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	0000-2345	0.0	0.0	Wind Dir 30/100m	30/100-m wind direction in error (approx. 56/60 deg.)
	ERR	1015-2345	0.0	0.0	Wind Dir 10m	Values corrected on daily reports. 10-m values reprogrammed (40 deg off) Values corrected on daily reports.
	OK		100.0	100.0	Other	
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	1215	99.0	100.0	All	Missing data (network timing error?)
Tower Y	ERR	1215	99.0	100.0	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:**

Tuesday, June 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	OK		100.0	100.0		
Tower B	OK		100.0	100.0		
Tower C	ERR	0000-2345	0.0	0.0	Wind Dir 30/100m	30/100-m wind direction in error (approx. 56/60 deg.)
	ERR	1015-2345	0.0	0.0	Wind Dir 10m	Values corrected on daily reports. 10-m values reprogrammed (40 deg off) Values corrected on daily reports.
	OK		100.0	100.0	Other	
Tower K	OK		100.0	100.0		
Tower L	OK		100.0	100.0		
Tower M	OK		100.0	100.0		
Tower W	ERR	1030-1215	92.0	92.0	All	Quarterly calibrations performed by Shaw Environmental
Tower Y	ERR	1500-1545	96.0	96.0	All	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:**

Wednesday, June 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)

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	ERR	0000-1300	0.0	0.0	Wind Dir 30/100m	30/100-m wind direction in error (approx. 56/60 deg.)
	ERR	0000-1300	0.0	0.0	Wind Dir 10m	Values corrected on daily reports. 10-m values reprogrammed (40 deg off) Values corrected on daily reports.
	OK		100.0	100.0	Other	
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

A line of thunderstorms crossed area during mid-morning hours.

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

Thursday, June 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	ERR	1000	99.0	100.0	All	Missing data (network timing error)
Tower Y	ERR	1000	99.0	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

None

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

Friday, June 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)

<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

Thundershower west of ORNL around 1500 hrs.

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

Saturday, June 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	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	0700-1615	64.0	64.0	All	Missing data (scheduled power outage)
Tower M	OK		100.0	100.0		
Tower W	ERR	0600	99.0	100.0	All	Missing data (network timing error)
Tower Y	ERR	0600	99.0	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

Thunderstorms crossed ORNL during 1400-1600 hrs. Thundershowers generating on Cumberland Plateau/Mts. were moving west/east across ORR and region generally dissipating east of ORR area.

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

Sunday, June 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	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 data (network timing error)
Tower Y	ERR	1400	99.0	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

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Monday, June 14, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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>
TOWY	1	0945
WEST	1	0945
M001	1	0930
M003	15	0030 0245 0400 0500 0715 0830 0930 1045 1300 1515 1630 1730 1845 2100 2315
M110	18	0000 0215 0245 0315 0500 0700 0745 0830 0915 1045 1115 1245 1500 1545 1700 1815 1945 2200
M113	1	0930
M115	1	1030
M116	1	0930
M119	1	0945
M220	2	0945 1715
M222	8	0345 0400 0800 0845 0945 1200 1245 2045
M223	2	0945 2030
M225	7	0830 0945 1830 1845 1900 1915 1930
M226	1	0945
M227	1	0945

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	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

Severe thunderstorm line crossed area from west to east between 1530-1700 hrs.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Tuesday, June 15, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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>
TOWY	1	0700
WEST	1	0700
M001	1	0645
M003	16	0030 0130 0245 0500 0645 0715 0830 0945 1045 1200 1300 1630 1745 1845 2115 2215
M110	17	0030 0215 0400 0445 0600 0645 0715 1330 1400 1445 1530 1715 1900 2045 2145 2245 2330
M113	1	0645
M115	1	0745
M116	37	0645 1500 1515 1530 1545 1600 1615 1630 1645 1700 1715 1730 1745 1800 1815 1830 1845 1900 1915 1930 1945
2000	2015	2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345
M119	1	0700
M220	2	0700 1845
M222	16	0015 0145 0230 0500 0700 0715 0815 0830 1315 1330 1515 1815 1900 1915 2200 2215
M223	1	0700
M225	3	0415 0700 1815
M226	1	0700
M227	1	0700

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	OK		100.0	
Tower K	ERR	1415-1430	98.0	Power Failure (Lightning-related)
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

Thunderstorm line developed on Cumberland Plateau and moved slowly across area from 1330-1600 hrs (from W to E).

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Wednesday, June 16, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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>
TOWY	0	
WEST	0	
M001	0	
M003	14	0030 0145 0245 0500 0715 1045 1300 1415 1515 1545 1845 2100 2215 2315
M110	15	0600 0645 0815 0915 1200 1230 1445 1515 1815 1915 2000 2030 2100 2315 2345
M113	0	
M115	0	
M116	96	0000-2345
M119	0	
M220	1	0145
M222	16	0130 0515 0715 0845 1415 1545 1600 1615 1730 1745 2200 2215 2230 2245 2300 2315
M223	0	
M225	0	
M226	3	0300 0315 0330
M227	0	

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	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

Small mountain wave showers developed east of Cumberland Mts. (Clinton area) from 1300-1500 hrs.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Thursday, June 17, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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>																				
TOWY	4	0345 1230 1430 1715																				
WEST	4	0345 0845 1230 1430 1715																				
M001	10	0330 0745 0800 0815 0830 0845 0915 0930 1215 1715																				
M003	19	0245 0330 0500 0645 0715 0800 0815 0830 0845 0915 0930 0930 1045 1215 1300 1415 1515 1630 1715																				
M110	19	0115 0215 0315 0800 0815 0830 0845 0915 0930 0930 0945 1015 1215 1300 1330 1500 1545 1700 1715																				
M112	96	0000–2345																				
M113	10	0330 0745 0800 0815 0830 0845 0915 0930 1215 1715																				
M115	10	0430 0915 0930 0930 0945 1000 1015 1315 1715 1715																				
M116	66	0000 0015 0030 0045 0100 0115 0130 0145 0200 0215 0230 0245 0300 0315 0330 0345 0400 0415 0430 0445 0500 0515 0530 0545 0600 0615 0630 0645 0700 0715 0730 0745 0815 0830 0845 0900 0915 0930 0930 0945 1000 1015 1030 1045 1100 1115 1130 1145 1945 2000 2015 2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300 2315 2330 2345																				
M119	10	0345 0815 0830 0845 0900 0915 0930 0930 1230 1715																				
M220	10	0345 0815 0830 0845 0900 0915 0930 0930 1230 1715																				
M222	13	0345 0700 0815 0830 0845 0900 0915 0930 1030 1130 1230 1330 1715																				
M223	9	0345 0815 0830 0845 0900 0915 0930 1230 1715																				
M225	9	0345 0815 0830 0845 0900 0915 0930 1230 1715																				
M226	9	0345 0815 0830 0845 0900 0915 0930 1230 1715																				
M227	9	0345 0815 0830 0845 0900 0915 0930 1230 1715																				

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	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Friday, June 18, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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>																						
TOWY	1	1245																						
WEST	1	1245																						
M001	1	1230																						
M003	18	0030	0130	0245	0500	0615	0715	0930	1045	1230	1300	1515	1730	1800	1845	1945	2100	2215	2315					
M110	13	0015	0100	0330	0800	0830	0945	1115	1230	1345	1800	1915	2200	2300										
M113	1	1230																						
M115	1	1330																						
M116	96	0000	0015	0030	0045	0100	0115	0130	0145	0200	0215	0230	0245	0300	0315	0330	0345	0400	0415	0430	0445	0500		
		0515	0530	0545	0600	0615	0630	0645	0700	0715	0730	0745	0800	0815	0830	0845	0900	0915	0930	0945				
		1000	1015	1030	1045	1100	1115	1130	1145	1200	1215	1230	1245	1300	1315	1330	1345	1400	1415	1430	1445	1500	1515	
		1530	1545	1600	1615	1630	1645	1700	1715	1730	1745	1800	1815	1830	1845	1900	1915	1930	1945					
		2000	2015	2030	2045	2100	2115	2130	2145	2200	2215	2230	2245	2300	2315	2330	2345							
M119	21	1245	1900	1915	1930	1945	2000	2015	2030	2045	2100	2115	2130	2145	2200	2215	2230	2245	2300	2315	2330	2345		
M220	1	1245																						
M222	28	0600	0845	0900	0915	0930	0945	1245	1615	1630	1915	1930	1945	2000	2015	2030	2045	2100	2115	2130	2145	2200		
		2215	2230	2245	2300	2315	2330	2345																
M223	21	0545	1245	1915	1930	1945	2000	2015	2030	2045	2100	2115	2130	2145	2200	2215	2230	2245	2300	2315	2330	2345		
M225	20	1245	1915	1930	1945	2000	2015	2030	2045	2100	2115	2130	2145	2200	2215	2230	2245	2300	2315	2330	2345			
M226	20	1245	1915	1930	1945	2000	2015	2030	2045	2100	2115	2130	2145	2200	2215	2230	2245	2300	2315	2330	2345			
M227	20	1245	1915	1930	1945	2000	2015	2030	2045	2100	2115	2130	2145	2200	2215	2230	2245	2300	2315	2330	2345			

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

<i>Site</i>	<i>Status</i>	<i>Time Ranges</i>	<i>Pct Recovery</i>	<i>Special Notes</i>
Tower A	OK		100.0	
Tower B	OK		100.0	
Tower C	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes
None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Saturday, June 19, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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>	
TOWC	13	1215-1515	(Power failure caused by lightning damage to power supply - repaired by ORNL Electrician 1515 hrs)
TOWY	3	0130 0630 0715	
WEST	3	0130 0630 0715	
M001	3	0115 0615 0700	
M003	16	0030 0115 0130 0245 0500 0615 0700 0715 0830 1045 1400 1515 1730 1845 2100 2315	
M110	19	0015 0115 0215 0345 0430 0615 0645 0730 0915 1115 1230 1400 1600 1730 1815 1945 2030 2100 2130	
M113	3	0115 0615 0700	
M115	4	0215 0730 0800 1500	
M116	96	0000-2345	
M119	96	0000-2345	
M220	3	0145 0645 0730	
M222	95	All Except 0000	
M223	95	All Except 0000	
M225	95	All Except 0000	
M226	95	All Except 0000	
M227	95	All Except 0000	

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	1215-2345	50.0	Solar rad sensor failure (lightning damage)
	OK		100.0	Other instruments
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

Severe thunderstorms crossed ORR from WNW to ESE between 1200-1400 hrs.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Sunday, June 20, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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>																				
TOWY	3	1400	1415	1745																		
WEST	3	1400	1415	1745																		
M001	3	1345	1400	1730																		
M003	19	0030	0130	0245	0400	0500	0615	0715	0930	1300	1330	1345	1400	1415	1515	1630	1730	1845	2100	2315		
M110	19	0130	0215	0400	0445	0800	0900	0945	1045	1145	1330	1400	1600	1630	1700	1745	1830	2000	2045	2300		
M113	3	1345	1400	1730																		
M115	3	1445	1500	1830																		
M116	96	0000–2345																				
M119	96	0000–2345																				
M220	3	1415	1430	1800																		
M222	95	All Except 0000																				
M223	95	All Except 0000																				
M225	95	All Except 0000																				
M226	95	All Except 0000																				
M227	95	All Except 0000																				

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	0000–2345	0.0	Solar rad sensor failure (lightning damage)
	OK		100.0	Other instruments
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes
None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Monday, June 21, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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>																		
TOWY	5	0015 0945 1015 1030 1615																		
WEST	5	0015 0945 1015 1030 1615																		
M001	5	0000 0930 1000 1015 1600																		
M003	20	0000 0030 0245 0500 0615 0715 0830 0930 1000 1015 1045 1245 1300 1515 1600 1630 1730 2000 2100 2215																		
M110	17	0000 0030 0100 0315 0530 0645 0930 0945 1015 1130 1330 1600 1815 2030 2100 2145 2315																		
M113	5	0000 0930 1000 1015 1600																		
M115	5	0100 1045 1100 1115 1700																		
M116	96	0000-2345																		
M119	96	0000-2345																		
M220	5	0030 1000 1030 1045 1630																		
M222	95	All Except 0000																		
M223	95	All Except 0000																		
M225	95	All Except 0000																		
M226	95	All Except 0000																		
M227	95	All Except 0000																		

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	0000-2345	0.0	Solar rad sensor failure (lightning damage)
	OK		100.0	Other instruments
				Shaw Environmental replaced surge suppressors
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Tuesday, June 22, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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>																		
TOWY	7	0030 1200 1215 1230 1245 1300 1515																		
WEST	7	0030 1200 1215 1230 1245 1300 1515																		
M001	4	0015 1200 1230 1245																		
M003	22	0015 0030 0130 0245 0345 0500 0715 0830 0930 1045 1200 1230 1245 1300 1415 1515 1630 1730 1845 1945 2215 2315																		
M110	16	0015 0145 0715 0830 0945 1130 1230 1245 1515 1630 1715 2015 2130 2215 2245 2345																		
M113	4	0015 1200 1230 1245																		
M115	4	0115 1315 1330 1345																		
M116	96	0000-2345																		
M119	96	0000-2345																		
M220	6	0045 1230 1300 1315 1900 2000																		
M222	95	All Except 0000																		
M223	95	All Except 0000																		
M225	95	All Except 0000																		
M226	95	All Except 0000																		
M227	95	All Except 0000																		

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	0000-0930	60.0	Solar rad sensor failure (lightning damage)
	OK		100.0	Other instruments
				Shaw Environmental replaced solar rad sensor 0930 hrs
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

None

Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Wednesday, June 23, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 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>																		
TOWY	2	0130 0600																		
WEST	2	0130 0600																		
M001	2	0115 0545																		
M003	19	0115 0130 0400 0500 0545 0715 0830 0930 1045 1300 1415 1515 1630 1730 1815 1900 1915 2100 2315																		
M110	19	0015 0115 0230 0315 0545 0600 0700 0900 0945 1030 1230 1345 1515 1700 1730 1915 2115 2300 2345																		
M113	2	0115 0545																		
M115	2	0215 0645																		
M116	96	0000–2345																		
M119	96	0000–2345																		
M220	2	0145 0615																		
M222	95	All Except 0000																		
M223	95	All Except 0000																		
M225	95	All Except 0000																		
M226	95	All Except 0000																		
M227	95	All Except 0000																		

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	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Thursday, June 24, 2010**

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

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

Site No. Time Ranges

TOWY	3	0815 1130 1345
WEST	4	0815 1130 1345 1600
M001	3	0800 1115 1330
M003	19	0030 0245 0500 0715 0800 0830 0930 1045 1115 1330 1515 1630 1730 1815 2000 2100 2215 2315 2345
M110	20	0130 0245 0345 0430 0630 0700 0800 0830 0930 1030 1115 1245 1330 1345 1600 1715 1815 2200 2300 2345
M113	3	0800 1115 1330
M115	3	0900 1215 1430
M116	96	0000–2345
M119	96	0000–2345
M220	3	0830 1145 1400
M222	95	All except 0000
M223	95	All except 0000
M225	95	All except 0000
M226	95	All except 0000
M227	95	All except 0000

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	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

Thundershowers crossed ORNL from WNW to ESE around 1300 hrs; another thunderstorm crossed area around 1700 hrs.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Friday, June 25, 2010**

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

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

Site No. Time Ranges

TOWY	0	
WEST	0	
M001	0	
M003	16	0030 0130 0245 0400 0500 0715 0930 1045 1200 1300 1415 1515 1630 2000 2100 2315
M110	17	0015 0330 0400 0445 0545 0645 0730 1030 1130 1315 1500 1730 1830 1915 1945 2200 2245
M113	0	
M115	0	
M116	96	0000-2345
M119	96	0000-2345
M220	0	
M222	95	All except 0000
M223	95	All except 0000
M225	95	All except 0000
M226	95	All except 0000
M227	95	All except 0000

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	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

Thundershower crossed ORR from WNW to ESE around 1500 hrs.

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Saturday, June 26, 2010**

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
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>																		
TOWY	1	1900																		
WEST	1	1900																		
M001	1	1845																		
M003	19	0030 0130 0245 0400 0500 0615 0715 0830 0915 1045 1300 1415 1445 1515 1630 1845 2000 2100 2300																		
M110	17	0030 0100 0145 0230 0430 0500 0615 0730 0900 1115 1445 1530 1745 1845 2000 2115 2200																		
M113	1	1845																		
M115	1	1945																		
M116	96	0000–2345																		
M119	96	0000–2345																		
M220	1	1915																		
M222	95	All Except 0000																		
M223	95	All Except 0000																		
M225	95	All Except 0000																		
M226	95	All Except 0000																		
M227	95	All Except 0000																		

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	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

Mt. wave clouds/sprinkles developed over Norris area mid-afternoon (in lee of Cumberland Mts.) but were not able to develop further into thundershowers.

Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Sunday, June 27, 2010

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

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

Site No. Time Ranges

TOWY 0
 WEST 0
 M001 0
 M003 23 0130 0245 0330 0430 0500 0600 0615 0715 0830 0930 1000 1045 1245 1415 1515 1630 1730 1815 1845 2100 2215
 2315 2345
 M110 24 0000 0145 0245 0315 0345 0445 0515 0630 0715 0800 0845 1030 1130 1245 1330 1415 1500 1530 1615 1815 1945
 2100 2130 2345
 M113 0
 M115 0
 M116 96 All
 M119 96 All
 M220 0
 M222 95 All except 0000
 M223 95 All except 0000
 M225 95 All except 0000
 M226 95 All except 0000
 M227 95 All except 0000

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	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes
 None

Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Monday, June 28, 2010

Compiled by KR Birdwell, MS6418, CSM/CSED, ORNL, Phone 865.576.2308
 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>																	
TOWY	1	1700																	
WEST	1	1700																	
M001	1	1645																	
M003	20	0145 0230 0500 0615 0715 0800 0830 1045 1200 1300 1415 1515 1615 1730 1900 2000 2100 2145 2215 2315																	
M110	27	0030 0100 0200 0230 0315 0400 0515 0600 0645 0730 0800 0845 0930 1015 1115 1200 1300 1415 1500 1545 1700																	
		1900 1945 2030 2145 2230 2300																	
M113	1	1645																	
M115	1	1745																	
M116	96	All																	
M119	96	All																	
M220	1	1715																	
M222	95	All except 0000																	
M223	95	All except 0000																	
M225	95	All except 0000																	
M226	95	All except 0000																	
M227	95	All except 0000																	

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	OK		100.0	
Tower K	OK		100.0	Communication failure (due to thunderstorm) at 2015 hrs Shaw environmental restored service on 06/29/2010 and all Missing data were recovered.
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

None

Oak Ridge Reservation

Daily Meteorological Tower Status Report for:

Tuesday, June 29, 2010

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

Email birdwellkr@ornl.gov, Pager 865.873.7149

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

Site No. Time Ranges

TOWY 0

WEST 0

M001 0

M003 20 0030 0130 0245 0315 0500 0600 0715 0830 1130 1200 1300 1400 1515 1630 1700 1730 1845 1945 2215 2315

M110 28 0000 0030 0100 0200 0315 0445 0530 0600 0645 0730 0815 0845 1000 1045 1130 1200 1300 1500 1615 1700 1745

1815 1845 1945 2030 2115 2200 2315

M113 0

M115 0

M116 96 All

M119 96 All

M220 0

M222 95 All except 0000

M223 95 All except 0000

M225 95 All except 0000

M226 95 All except 0000

M227 95 All except 0000

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

Tower C OK 100.0

Tower K OK 100.0

Tower L OK 100.0

Tower M OK 100.0

Tower W OK 100.0

Tower Y OK 100.0

Weather Notes

None

**Oak Ridge Reservation
Daily Meteorological Tower Status Report for:
Wednesday, June 30, 2010**

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

MISSING DATA STATUS – ALL TOWERS (15-Minute Data)

Site No. Time Ranges

TOWY 0
WEST 0
M001 0
M003 22 0030 0115 0245 0400 0500 0615 0645 0715 0830 0930 1045 1200 1300 1415 1500 1630 1730 1845 2030 2100 2215
2315
M110 28 0000 0030 0115 0230 0315 0400 0430 0600 0715 0815 0930 1030 1100 1215 1300 1345 1415 1445 1700 1745 1815
1915 1945 2030 2115 2145 2230 2315
M113 0
M115 0
M116 96 All
M119 96 All
M220 1 1615
M222 95 All except 0000
M223 95 All except 0000
M225 95 All except 0000
M226 95 All except 0000
M227 95 All except 0000

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	OK		100.0	
Tower K	OK		100.0	
Tower L	OK		100.0	
Tower M	OK		100.0	
Tower W	OK		100.0	
Tower Y	OK		100.0	

Weather Notes

None

