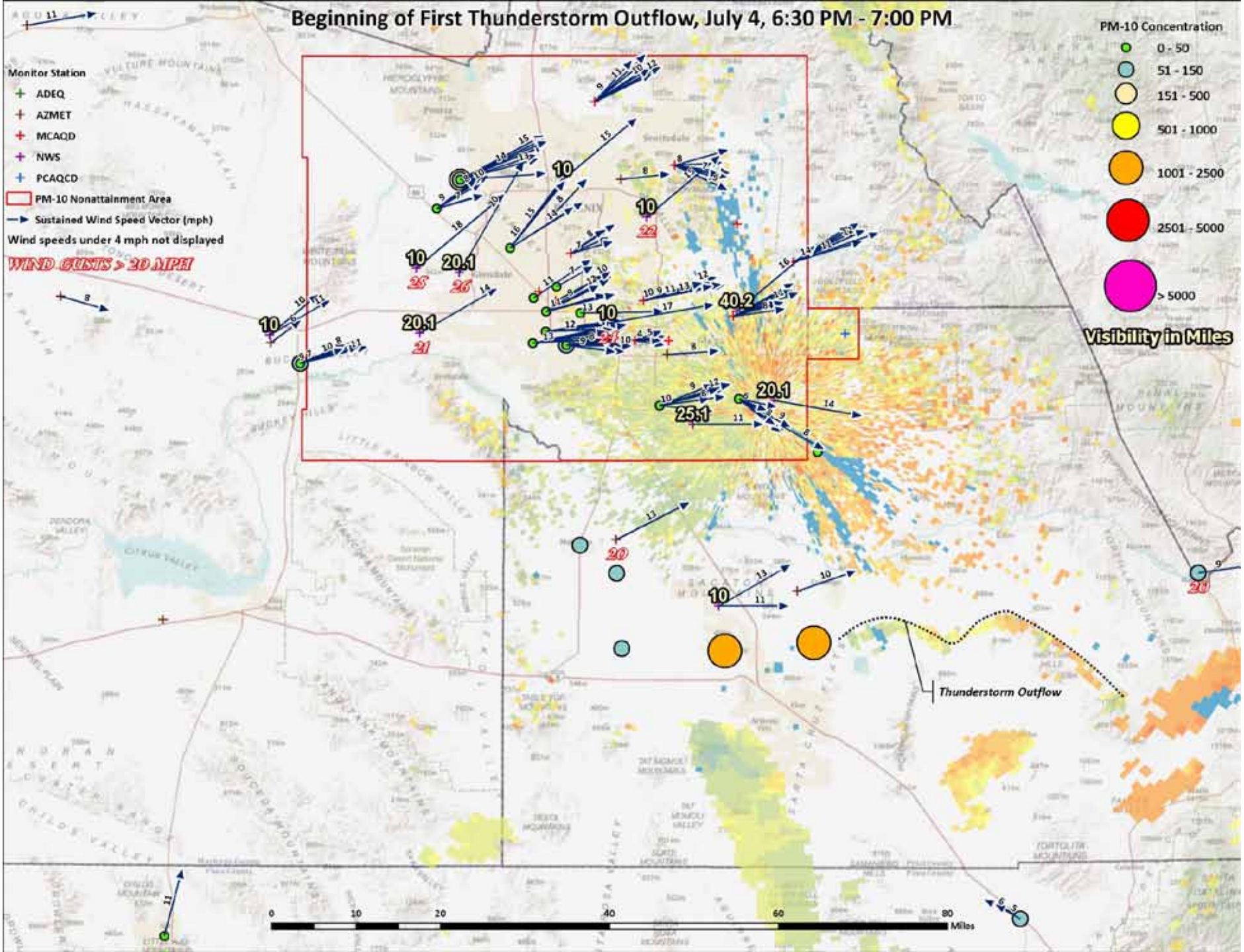
ENVIRONMENTAL PROGRAMS

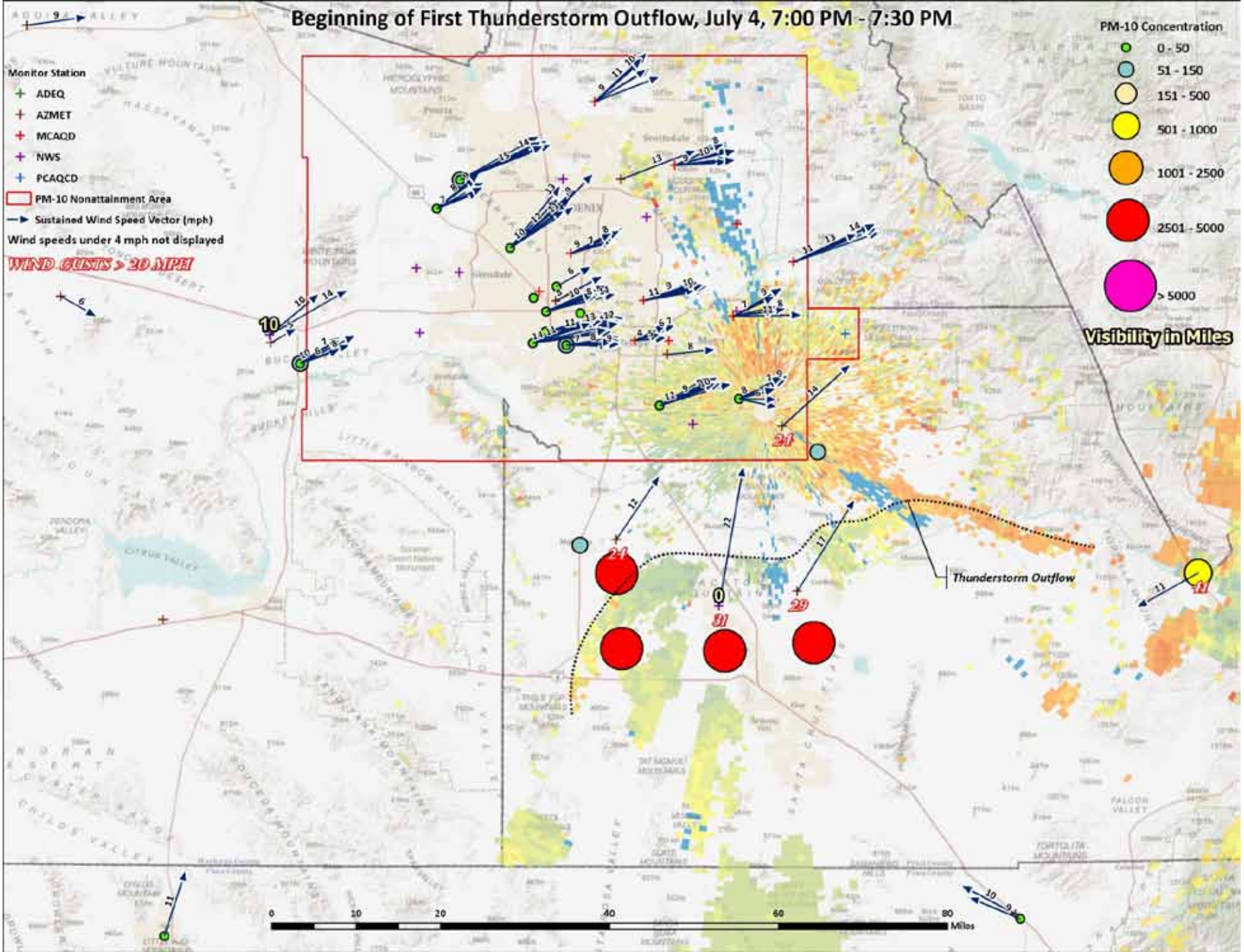
MARICOPA ASSOCIATION of GOVERNMENTS

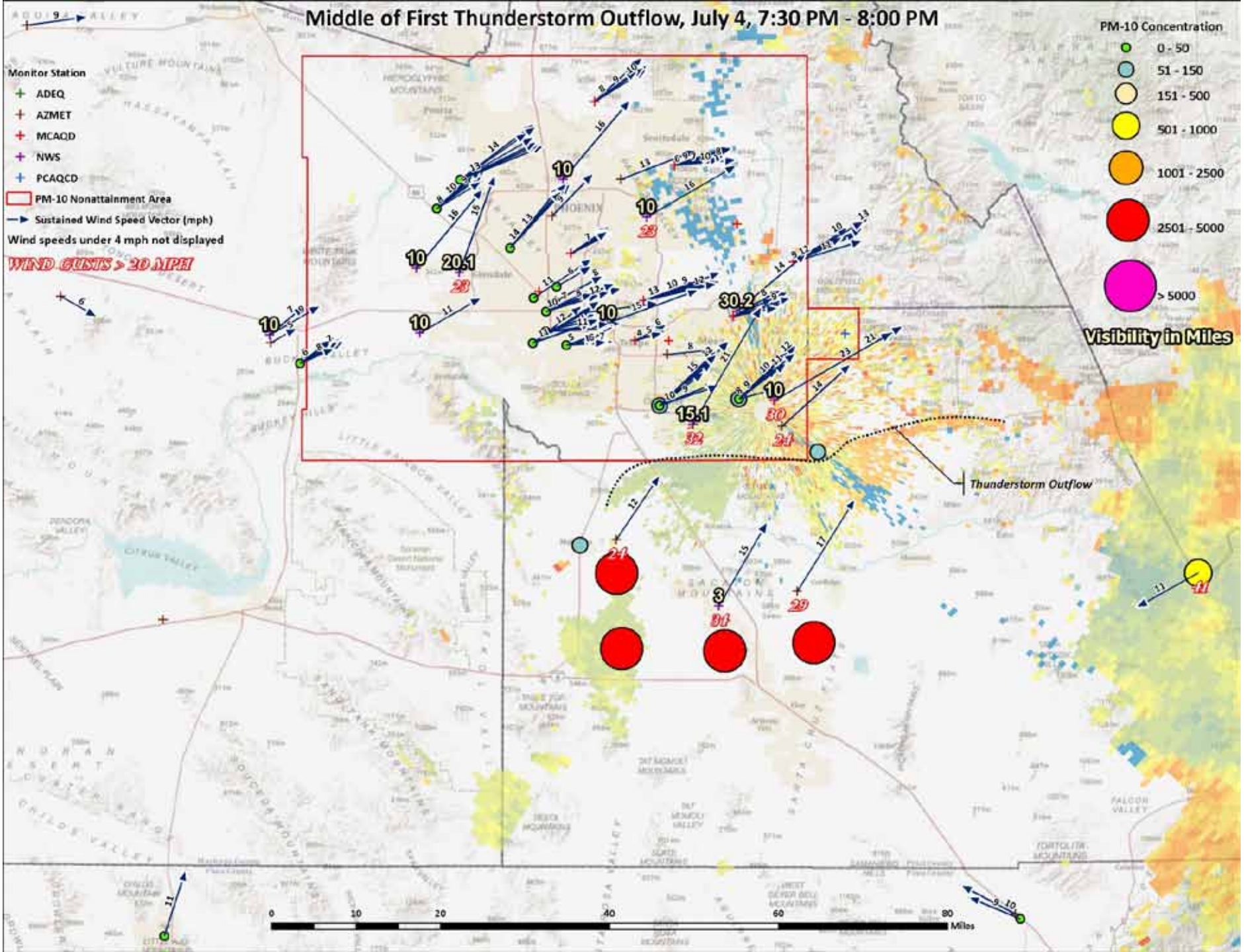
Exceptional Event Demonstration Maps for July 4, 2011 Event

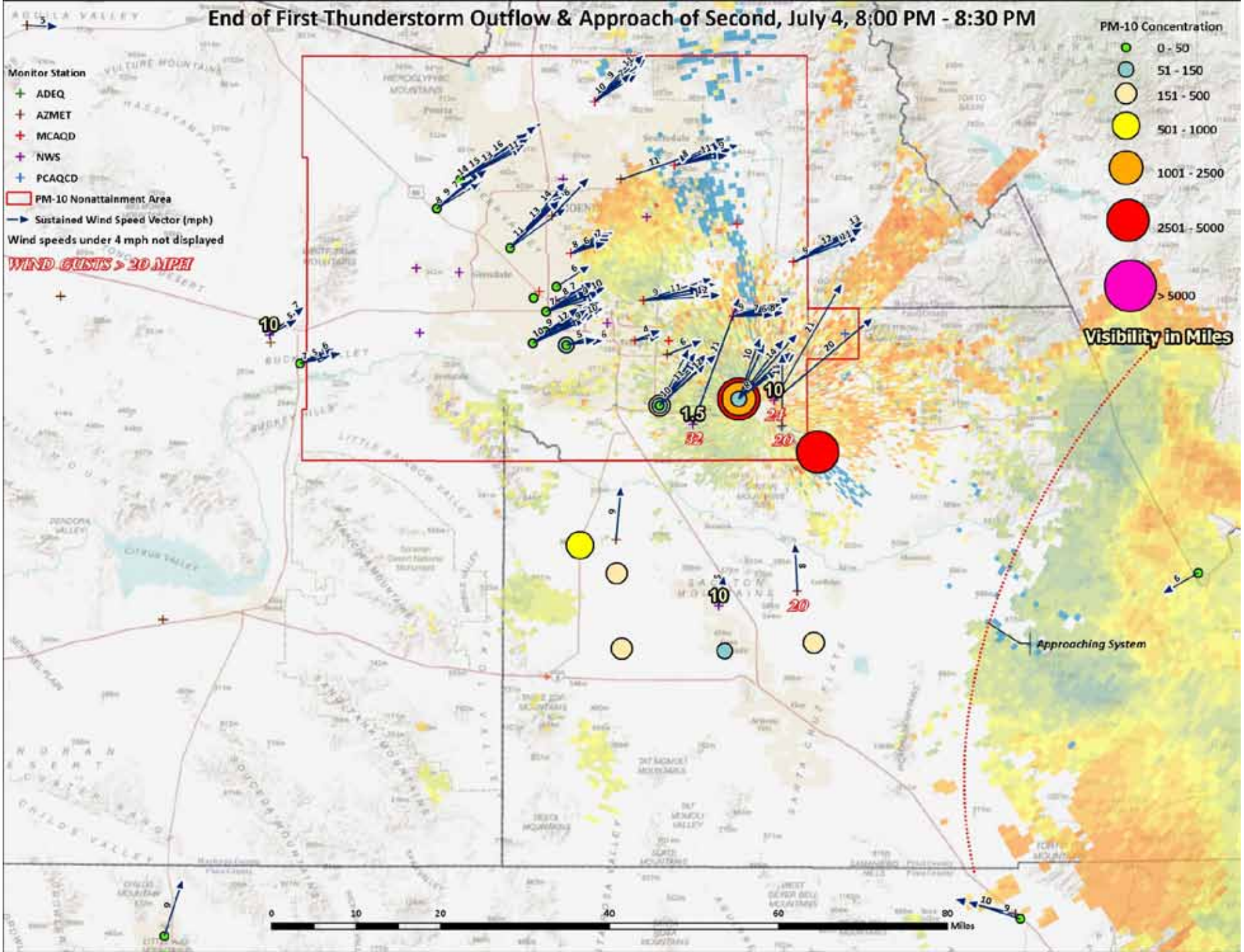
MAG Air Quality Technical Advisory Committee

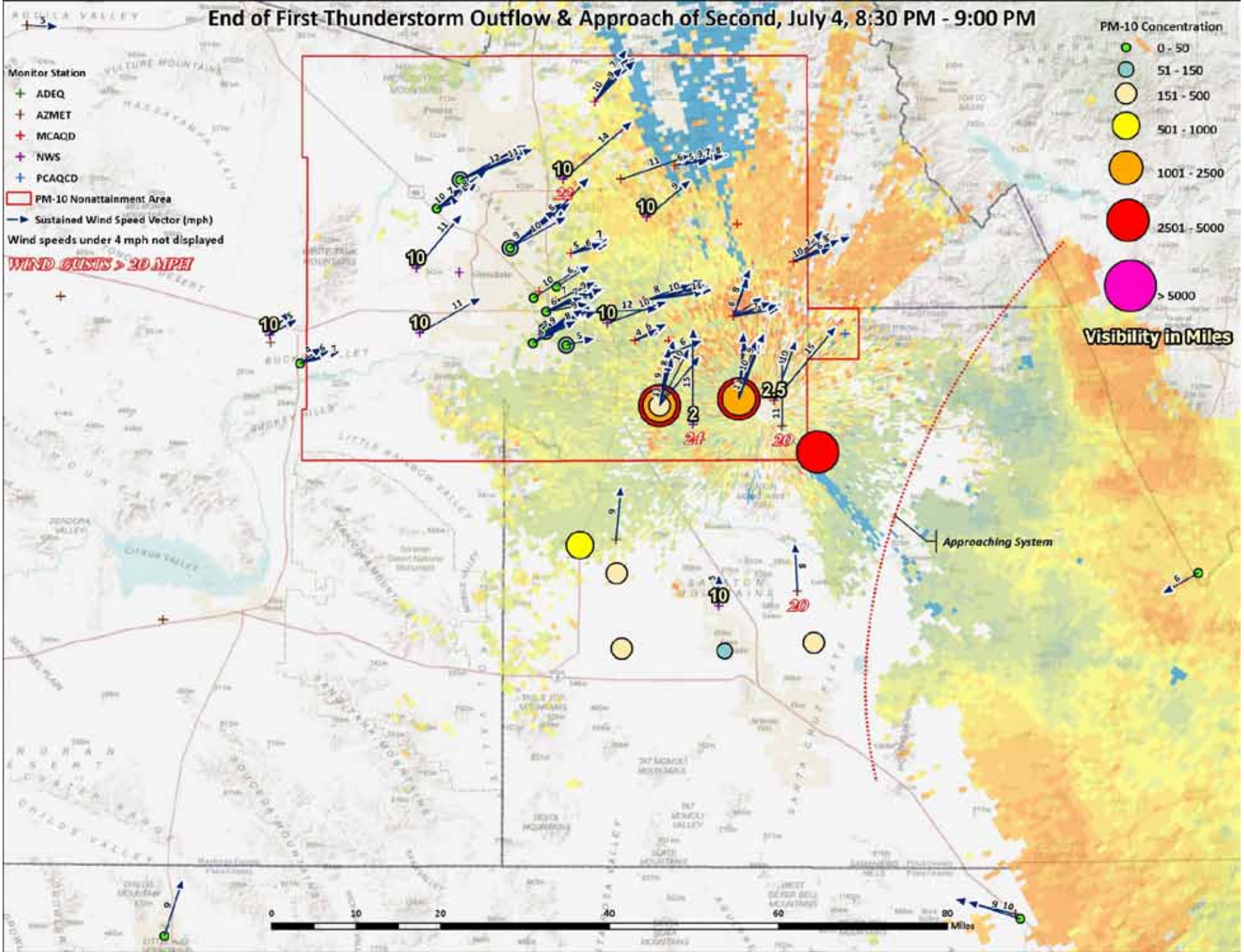
September 22, 2011

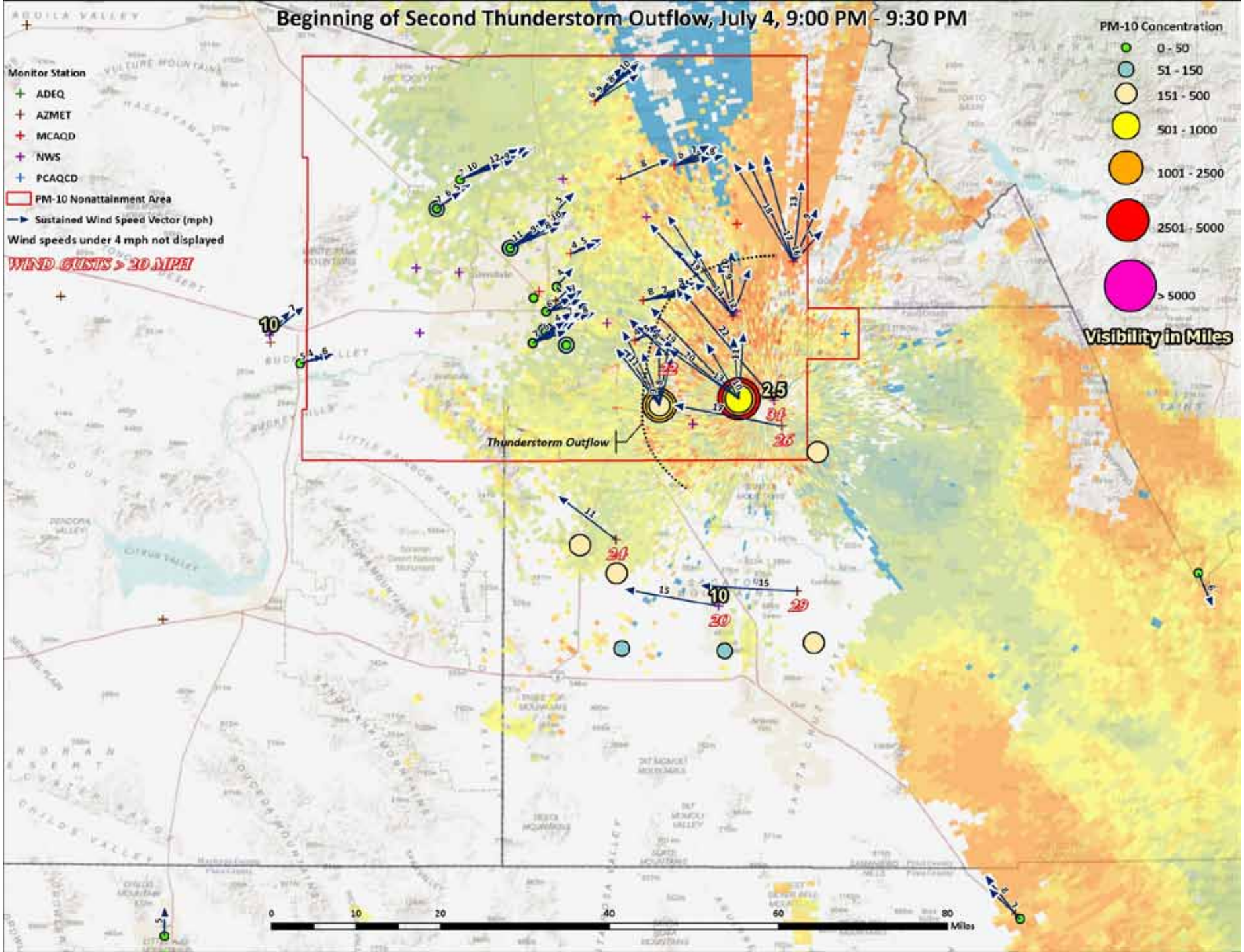

Beginning of First Thunderstorm Outflow, July 4, 6:30 PM - 7:00 PM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
Thunderstorm Outflow
0
10
20
40
60
80
Miles

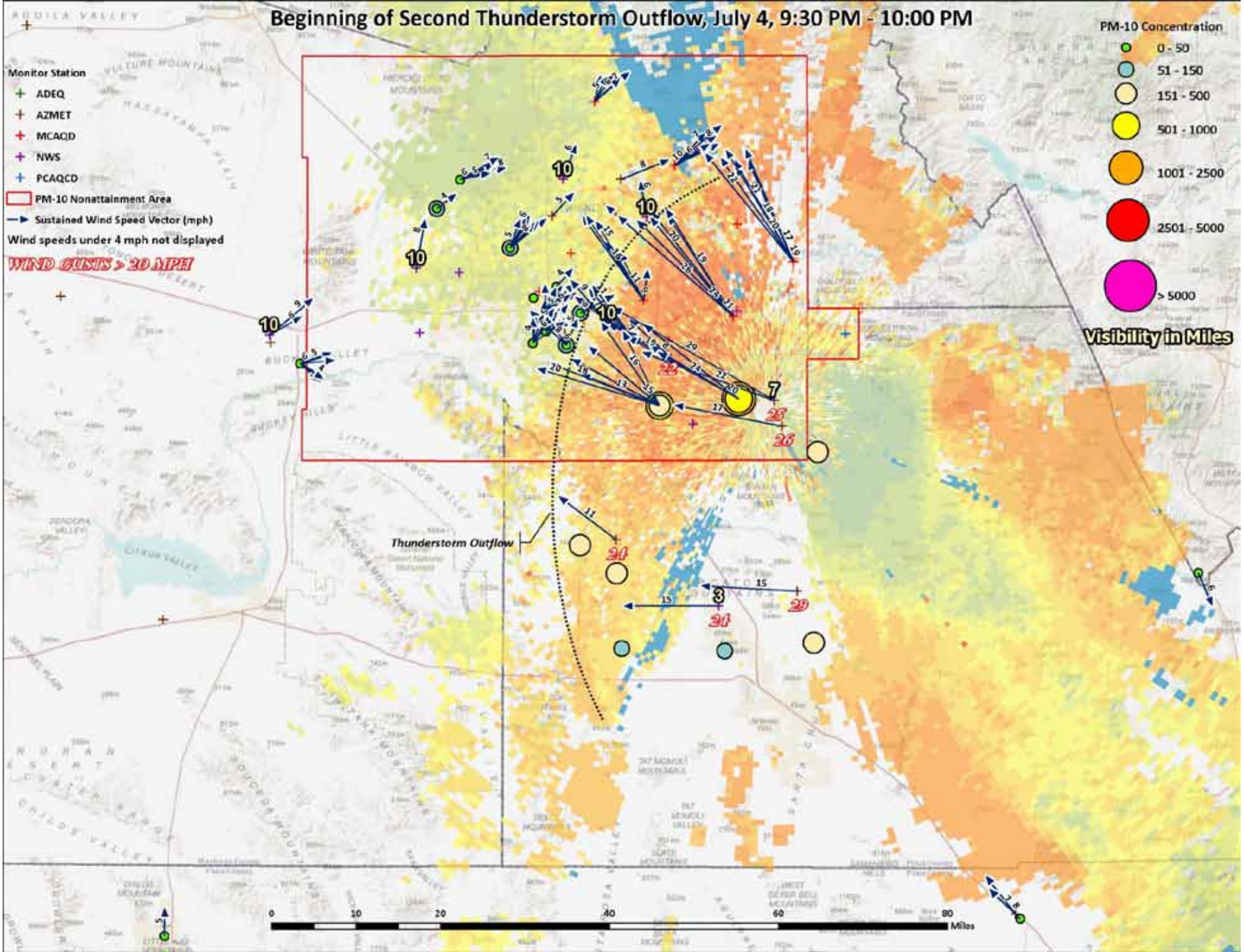

Beginning of First Thunderstorm Outflow, July 4, 7:00 PM - 7:30 PM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
Thunderstorm Outflow
0
10
20
40
60
80
Miles

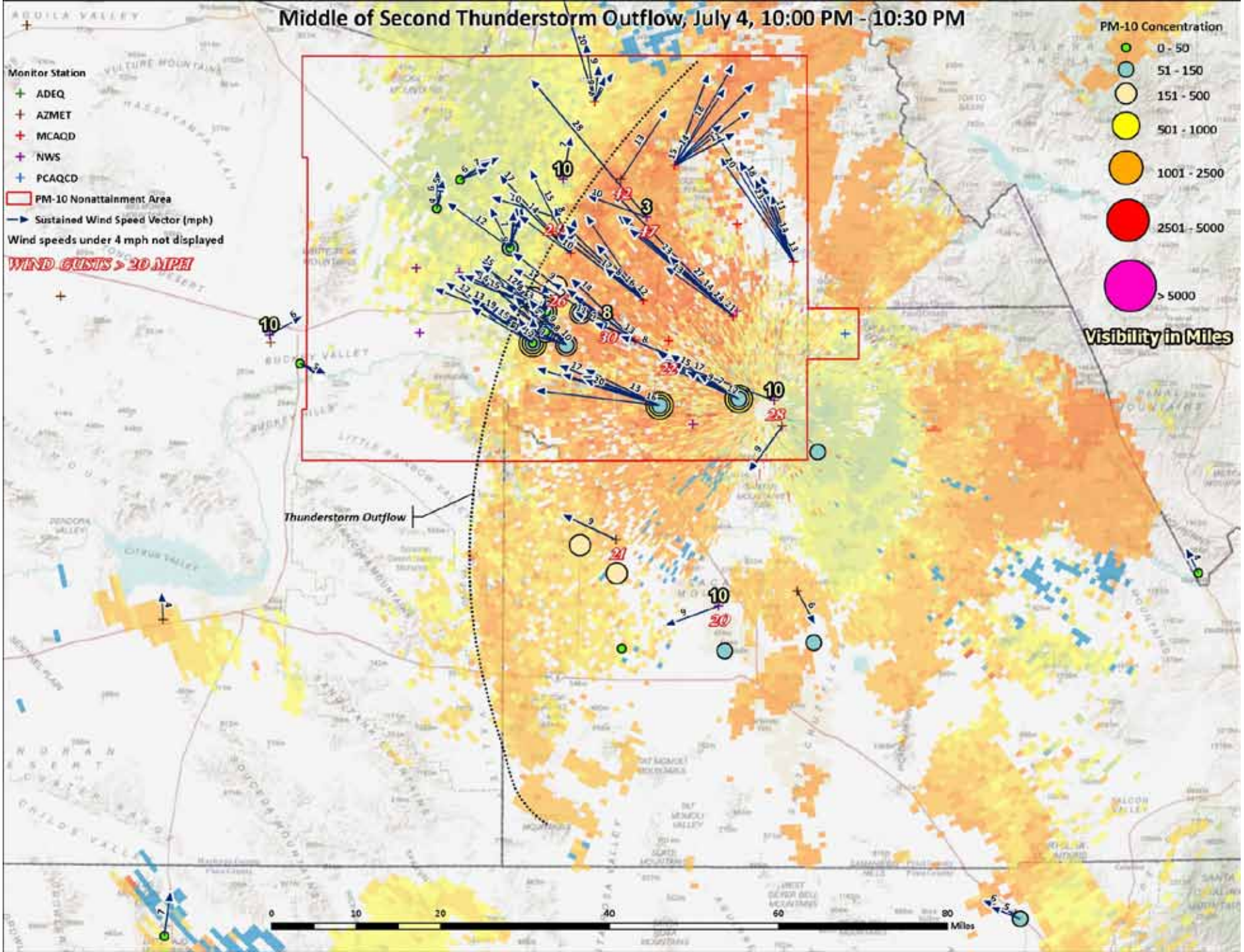

Middle of First Thunderstorm Outflow, July 4, 7:30 PM - 8:00 PM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
Thunderstorm Outflow
0
10
20
40
60
80
Miles

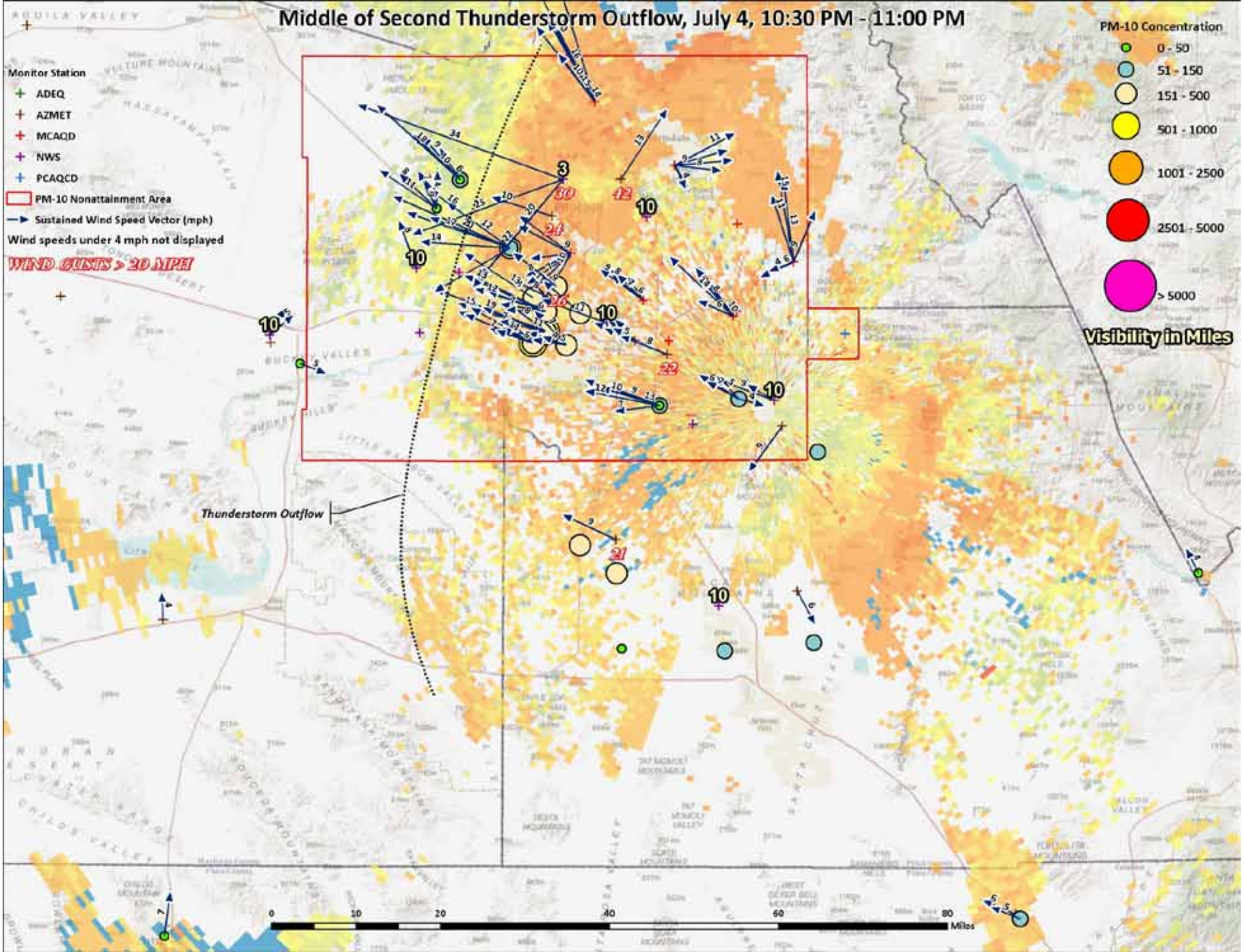

End of First Thunderstorm Outflow & Approach of Second, July 4, 8:00 PM - 8:30 PM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
Approaching System
0
10
20
40
60
80
Miles

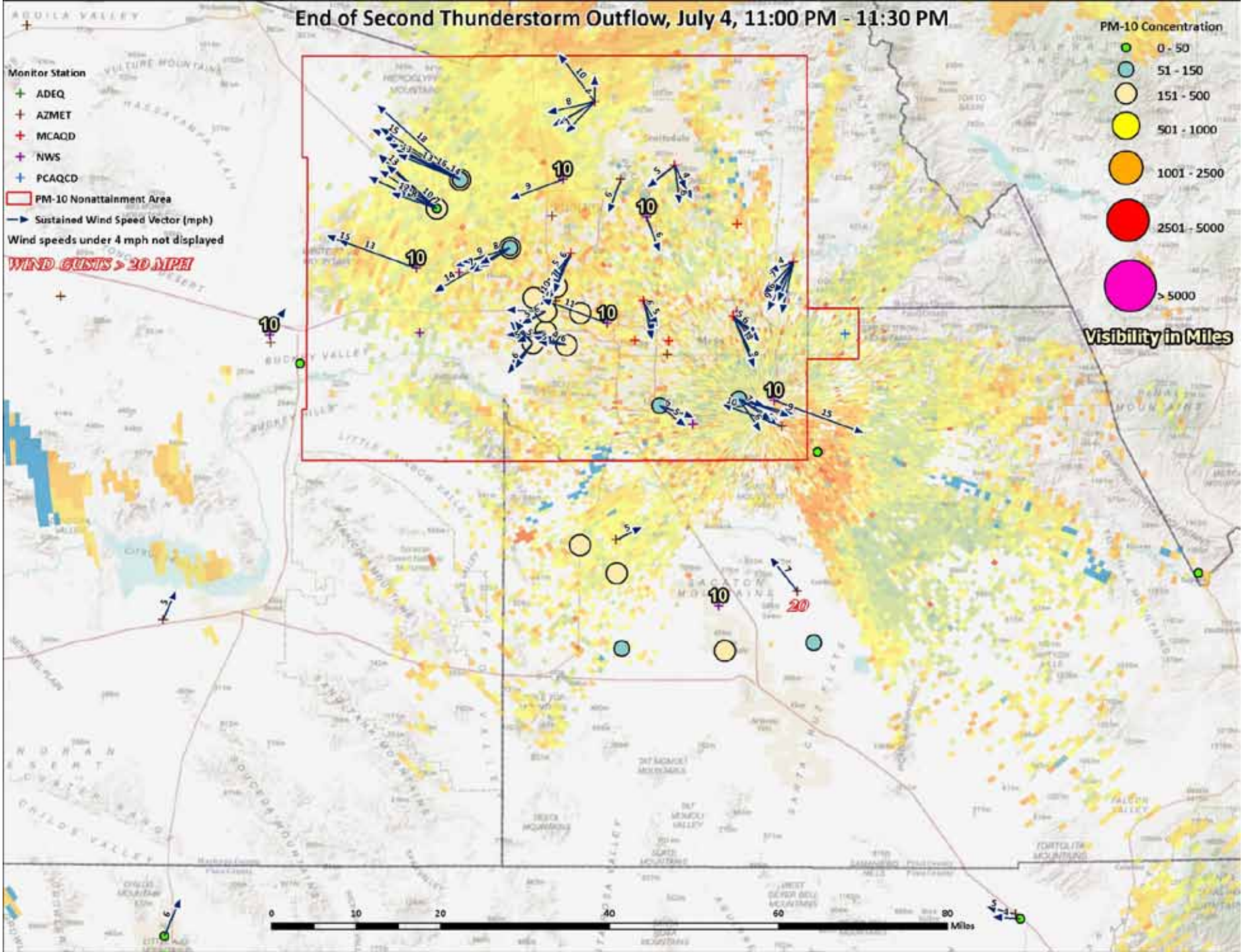

End of First Thunderstorm Outflow & Approach of Second, July 4, 8:30 PM - 9:00 PM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
Approaching System
0
10
20
40
60
80
Miles

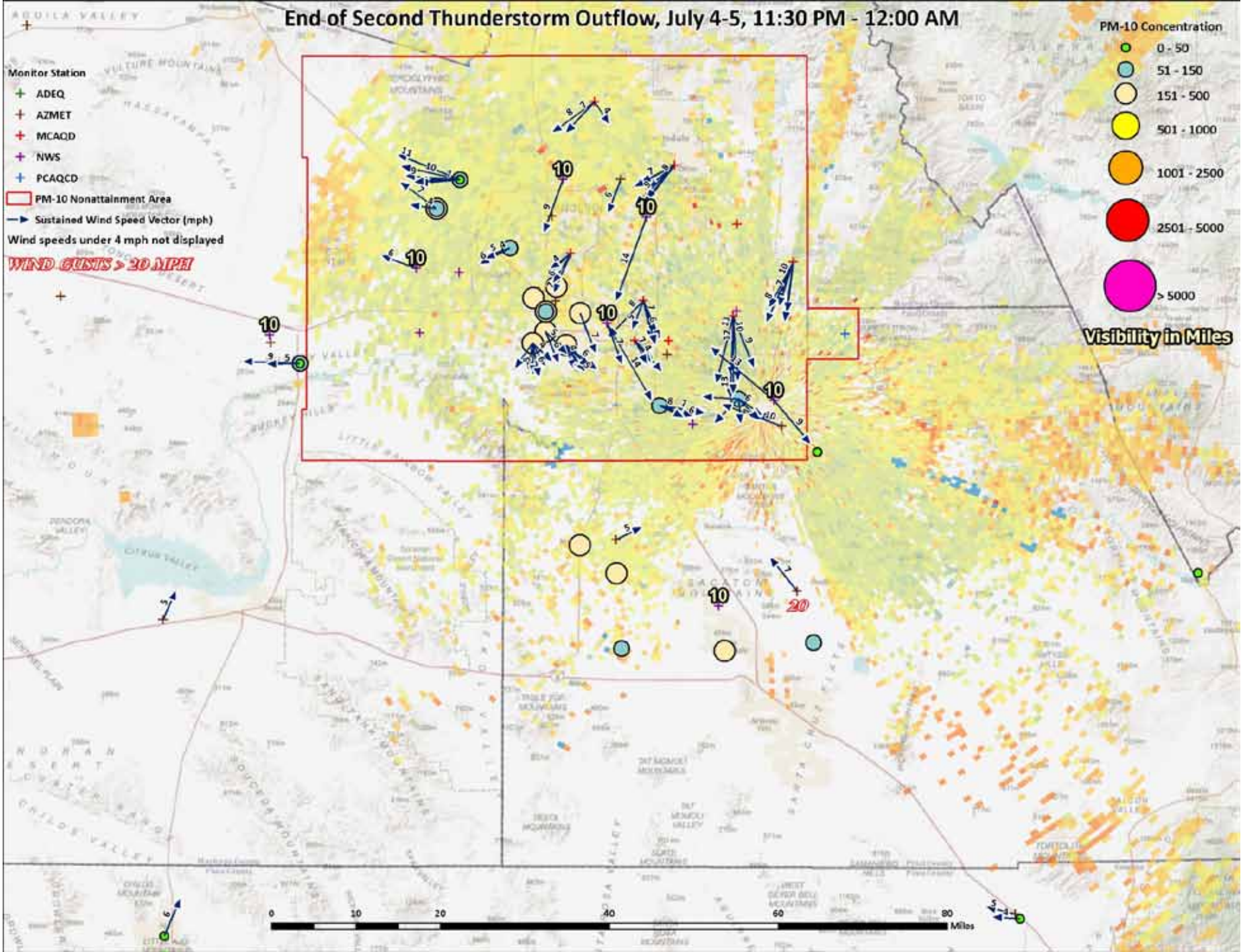

Beginning of Second Thunderstorm Outflow, July 4, 9:00 PM - 9:30 PM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
Thunderstorm Outflow
0
10
20
40
60
80
Miles


Beginning of Second Thunderstorm Outflow, July 4, 9:30 PM - 10:00 PM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
Thunderstorm Outflow
0
10
20
40
60
80
Miles


Middle of Second Thunderstorm Outflow, July 4, 10:00 PM - 10:30 PM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
Thunderstorm Outflow
0
10
20
40
60
80
Miles


Middle of Second Thunderstorm Outflow, July 4, 10:30 PM - 11:00 PM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
Thunderstorm Outflow
0
10
20
40
60
80
Miles


End of Second Thunderstorm Outflow, July 4, 11:00 PM - 11:30 PM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
0
10
20
40
60
80
Miles


End of Second Thunderstorm Outflow, July 4-5, 11:30 PM - 12:00 AM
Monitor Station
ADEQ
AZMET
MCAQD
NWS
PCAQCD
PM-10 Nonattainment Area
Sustained Wind Speed Vector (mph)
Wind speeds under 4 mph not displayed
WIND GUSTS > 20 MPH
PM-10 Concentration
0 - 50
51 - 150
151 - 500
501 - 1000
1001 - 2500
2501 - 5000
> 5000
Visibility in Miles
0
10
20
40
60
80
Miles

ENVIRONMENTAL PROGRAMS

MARICOPA ASSOCIATION of GOVERNMENTS

For more information

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