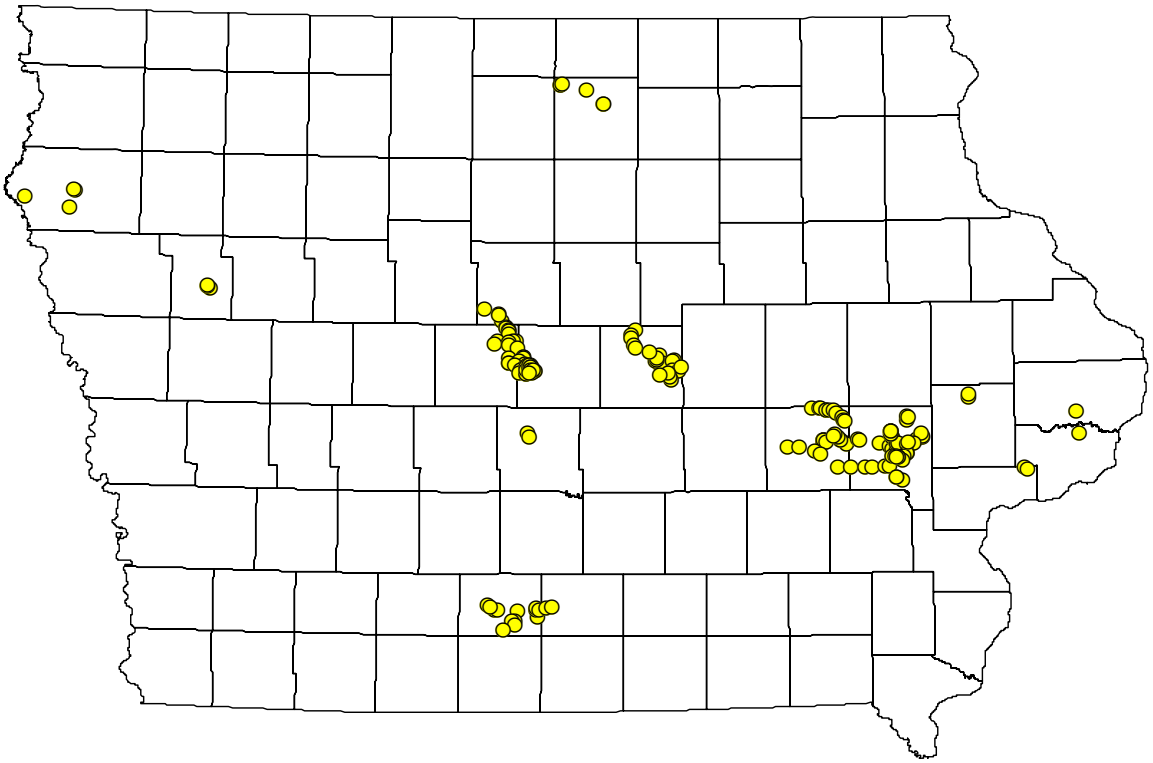
Table 1. IOWATER statewide fall snapshot results - October 10-12, 2008. A total of 194 streams and 5 lakes were sampled.

Parameter	Unit	Method	# of samples	Min Value	Percentiles			Max Value
					25th	50th	75th	
Water Temperature	°F	IOWATER thermometer	194	45	57	59	61	69
Chloride	mg/L	IOWATER test strip	185	<25	<25	<25	40	318
pH	pH units	IOWATER test strip	197	7	8	8	9	9
Nitrite-N	mg/L	IOWATER test strip	196	0	0	0	0	1.5
Nitrate-N	mg/L	IOWATER test strip	198	0	1	2	5	10
Dissolved Oxygen	mg/L	IOWATER Field Kit	195	3	8	8	10	12
Phosphate	mg/L	IOWATER Field Kit	196	0	0.2	0.2	0.4	7
Transparency	centimeters	IOWATER transparency tube	193	13	39	58	60	60
E. coli Bacteria	CFU/100 ml	Coliscan Easygel	13	67	100	133	233	1,167

mg/L = milligrams per liter (or parts per million - ppm)
CFU/100 ml = Colony Forming Units per 100 milliliters

Sites sampled as part of the IOWATER fall 2008 statewide snapshot event were monitored by the following: Gary Arner; BG-IG High School Earth Science; Ben Buffington; Heather Buresh; Rebecca Cameron; Sue Carlson; Central Iowa Snapshot; Karen Cheesman; Jim Colbert; Lloyd Crim; Lowell Dibble; Rick Dietz; Ron Dunek; Travis Elsamiller; Sue Fritzell; Gary Fulton; Jim Girvan; Ben Gleason; Tom Gust; John Hall; Dave and Patty Hansen; Case Hegeman; Bill and Irlanda Helgen; Mark Heuer; Chris Hilsabeck; Steve Hummel; Melanie Jamison; Margaret Jaynes; Johnson and Iowa County Watershed Coalition; Erv Klaas; Mike Lazere; Jacob Linahon; Don Lund; Anita Maher-Lewis; James Martin; Hillary Mauer; Laura Merrick; Joe Nowers; Dalton Olson; Parker Pattschull; Diane Pixler; John Pohlman; Noah Poppelreiter; Dave Ratliff; KJ Rebarcak; Jason Reese; Dennis, Luke, and Jake Schrodt; Ron Schuck; Lynette Seigley; Gary and Anne Shaner; Justin Solat; Squaw Creek Watershed; James Surat; Carol Sweeting; Jim Urban, Greg Vitale; Don Wall; Teresa Waseskuk; Jeff White; Larry Wilson.

IOWATER Fall Snapshot 2008
(data collected 10/10-12, 2008)



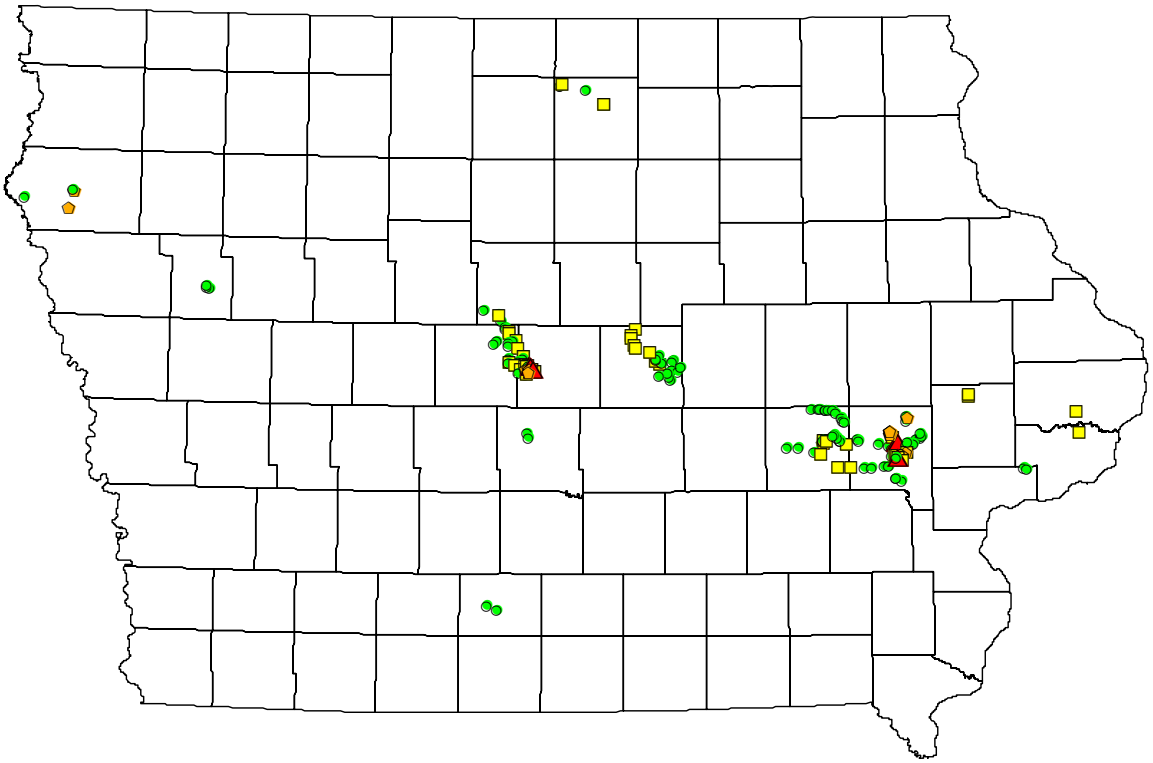
Site Type

- Lake
- Stream
- County

50 0 50 100 Miles

N
W E
S

IOWATER Fall Snapshot 2008
(data collected 10/10-12, 2008)



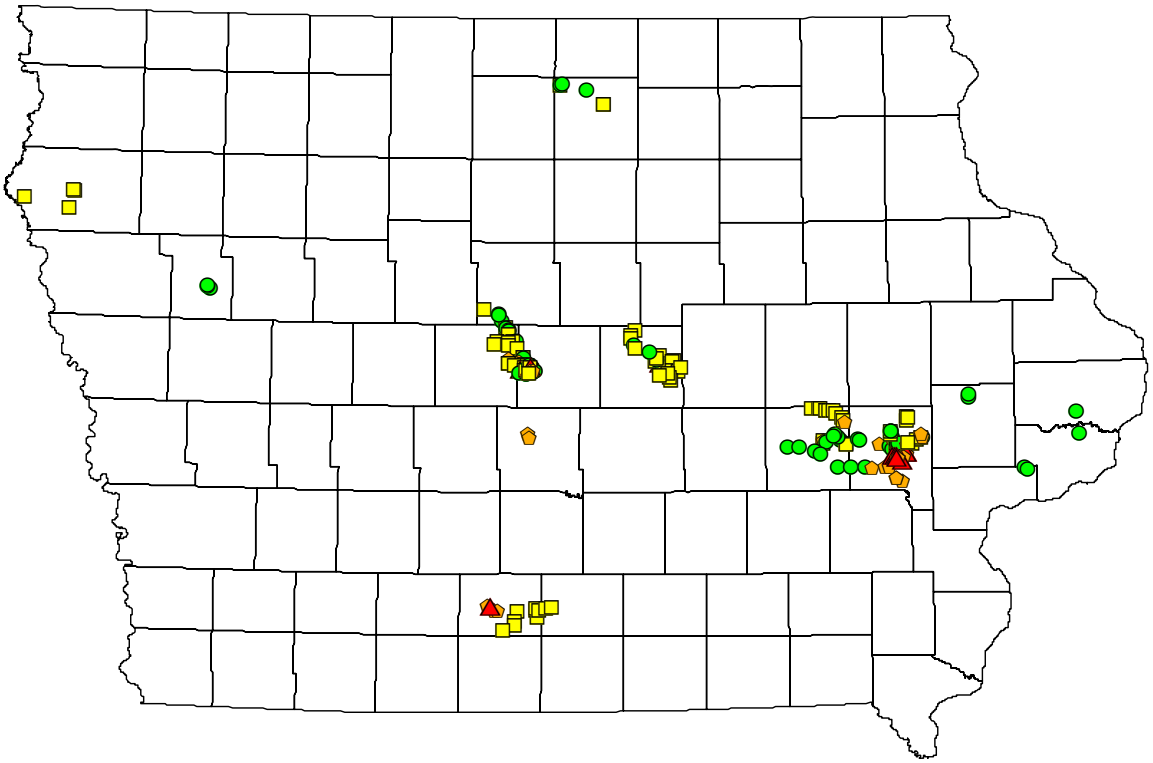
IOWATER Chloride (mg/L)

- <25
- 25 - 50
- 51 - 100
- 101 - 318
- County

50 0 50 100 Miles

N W E S

IOWATER Fall Snapshot 2008
(data collected 10/10-12, 2008)



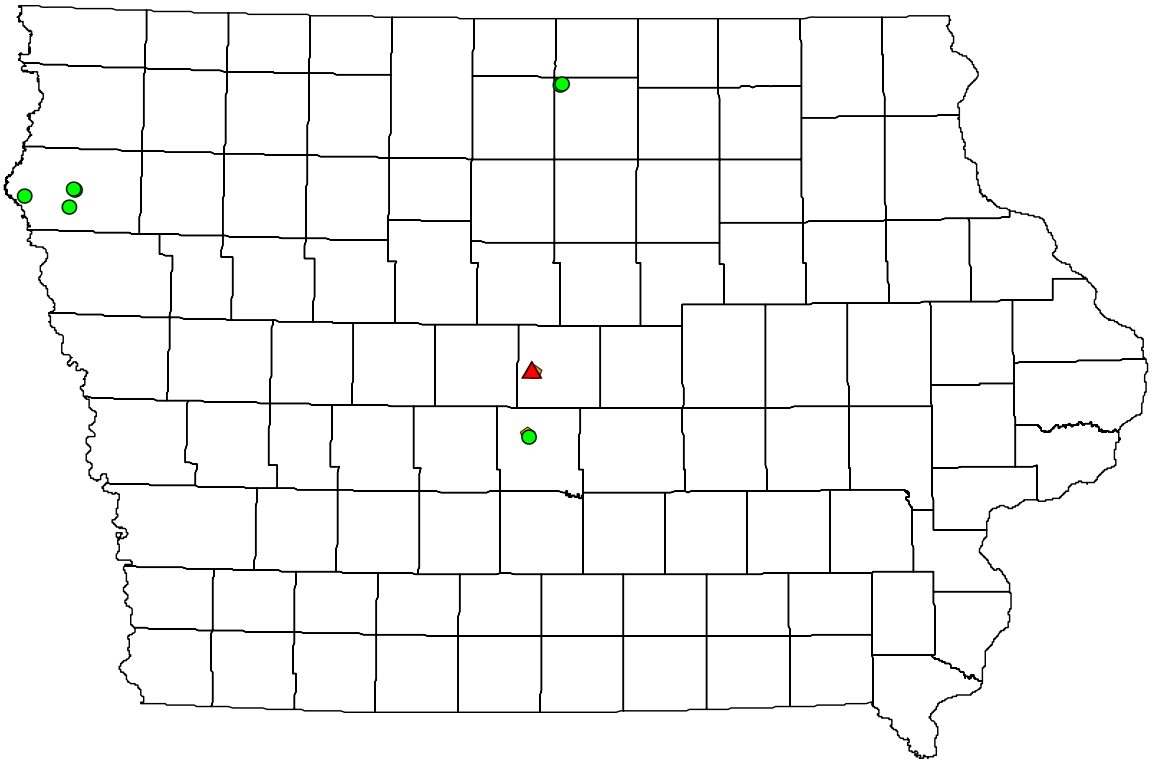
IOWATER Dissolved Oxygen (mg/L)

- 3 - 5
- 6
- 8
- 10 - 12
- County

50 0 50 100 Miles

N W E S

IOWATER Fall Snapshot 2008
(data collected 10/10-12, 2008)



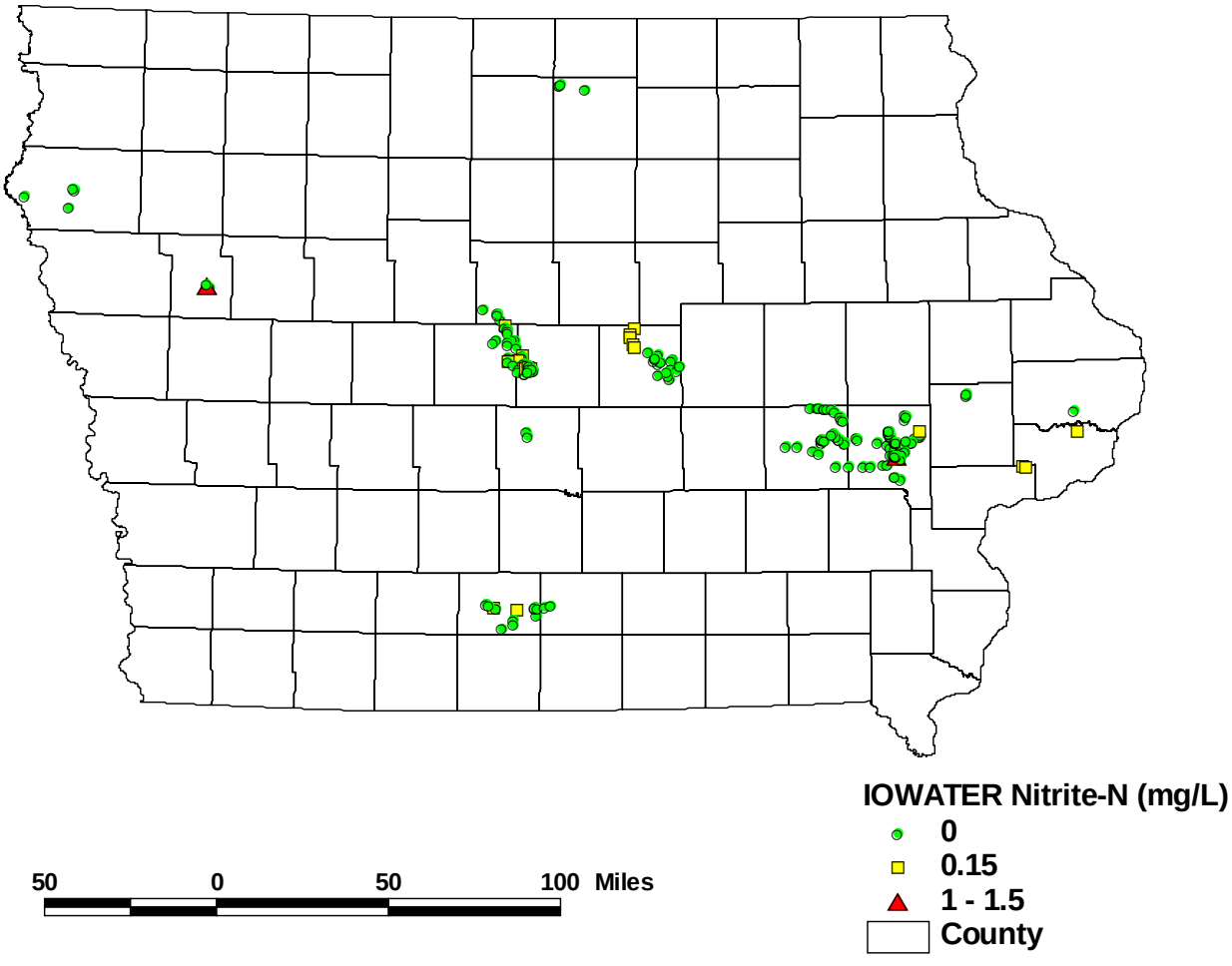
IOWATER E. coli Bacteria (CFU/100 ml)

- <235
- 235 - 500
- 501 - 1000
- 1001 - 1167
- County

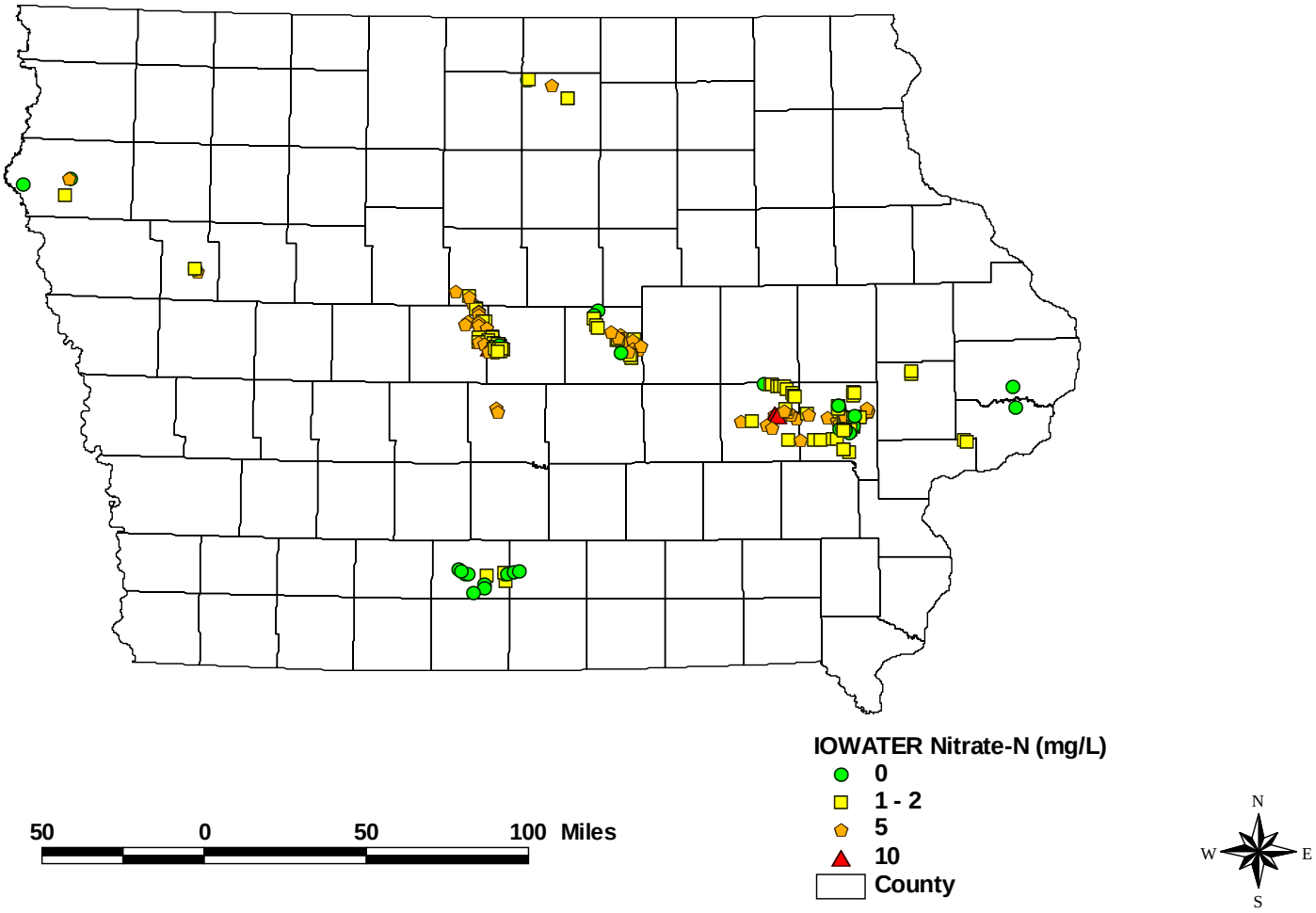
50 0 50 100 Miles

N W E S

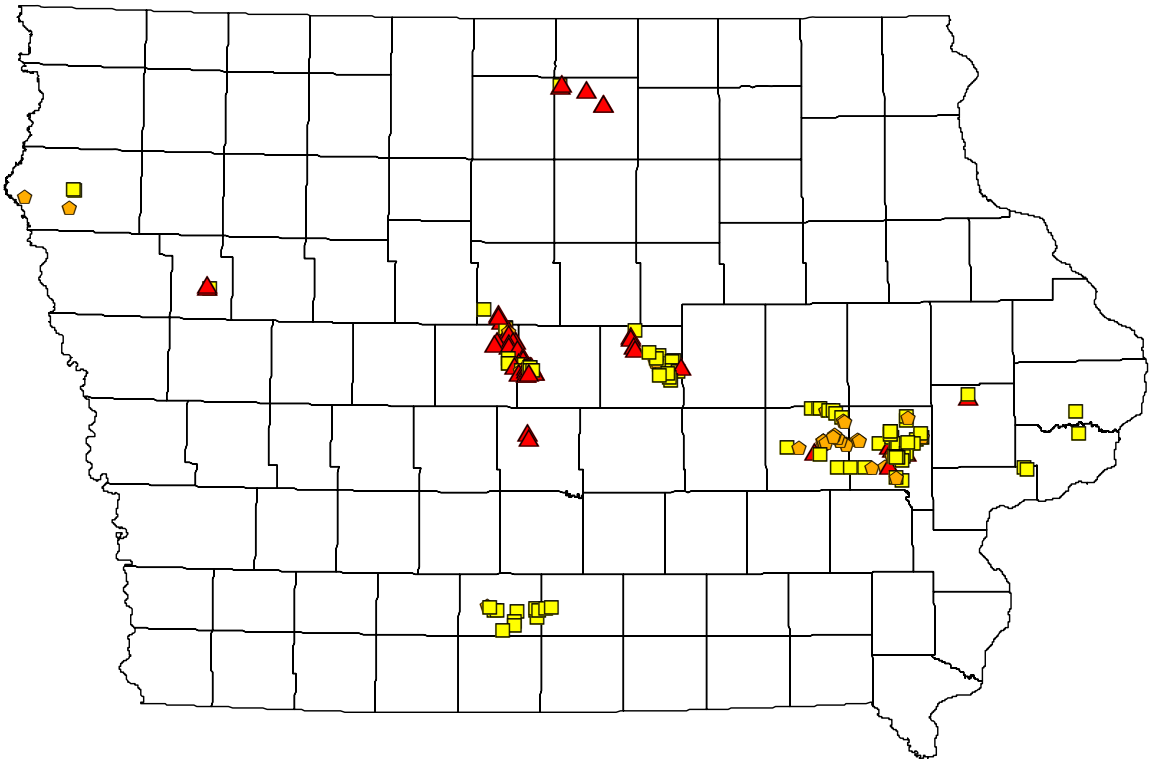
IOWATER Fall Snapshot 2008
(data collected 10/10-12, 2008)



IOWATER Fall Snapshot 2008
(data collected 10/10-12, 2008)



IOWATER Fall Snapshot 2008
(data collected 10/10-12, 2008)



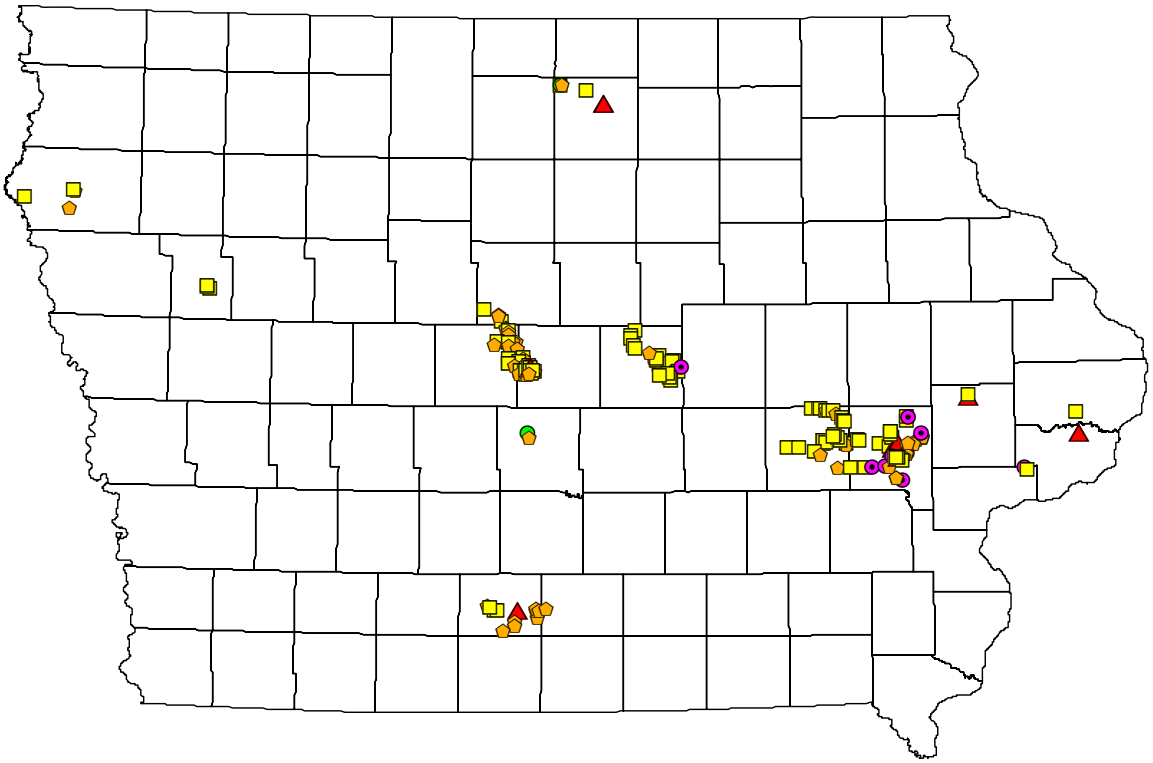
IOWATER pH (pH units)

- 7
- 8
- 9
- County

50 0 50 100 Miles

N W E S

IOWATER Fall Snapshot 2008
(data collected 10/10-12, 2008)



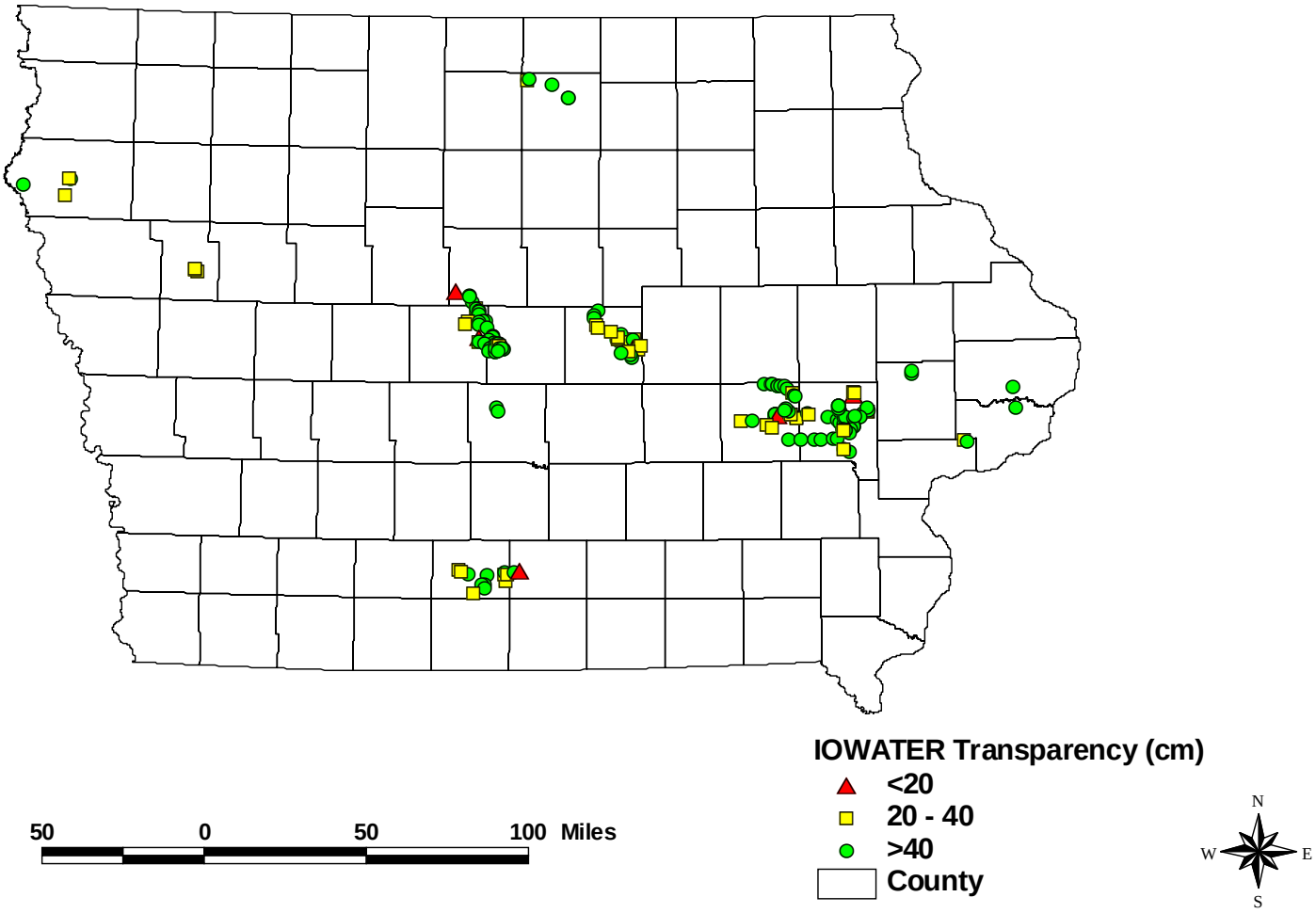
IOWATER Phosphate (mg/L)

- 0
- 0.1 - 0.2
- 0.3 - 0.4
- 0.6 - 0.8
- 1 - 7
- County

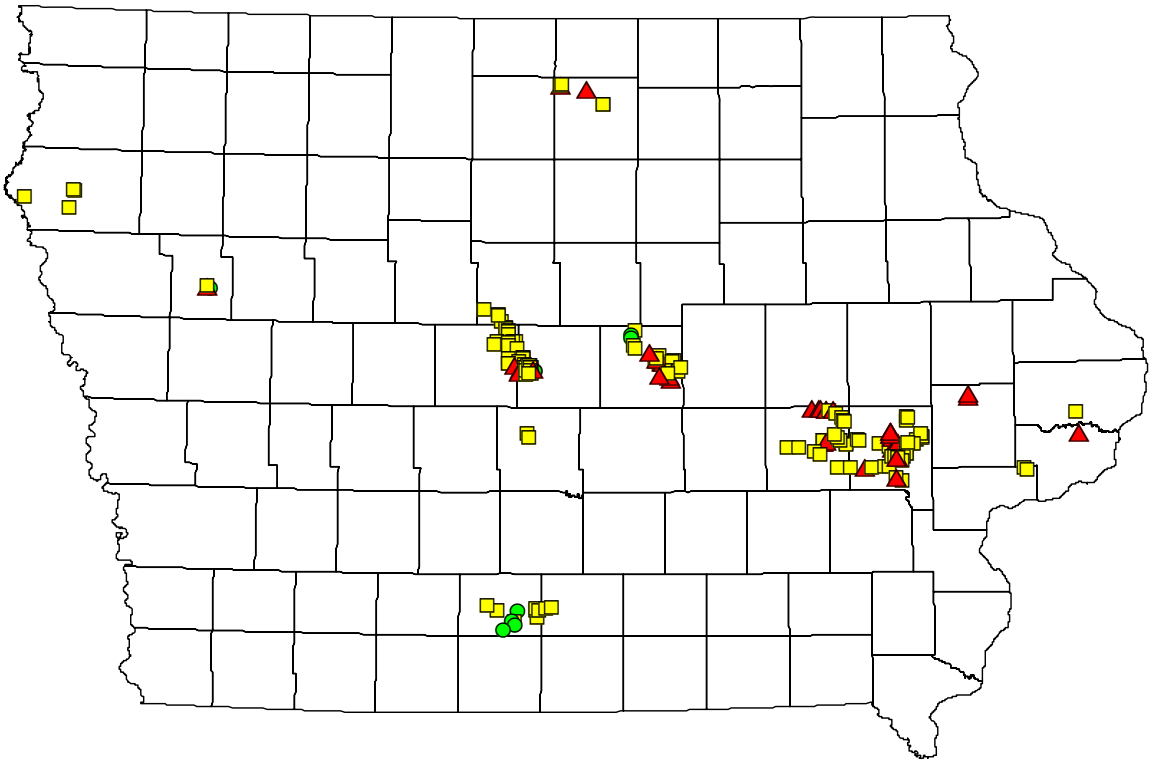
50 0 50 100 Miles

N W E S

IOWATER Fall Snapshot 2008
(data collected 10/10-12, 2008)



IOWATER Fall Snapshot 2008
(data collected 10/10-12, 2008)



50 0 50 100 Miles

IOWATER Water Temperature (degrees F)

- 45 - 50
- 51 - 60
- 61 - 69
- County

N
W E
S