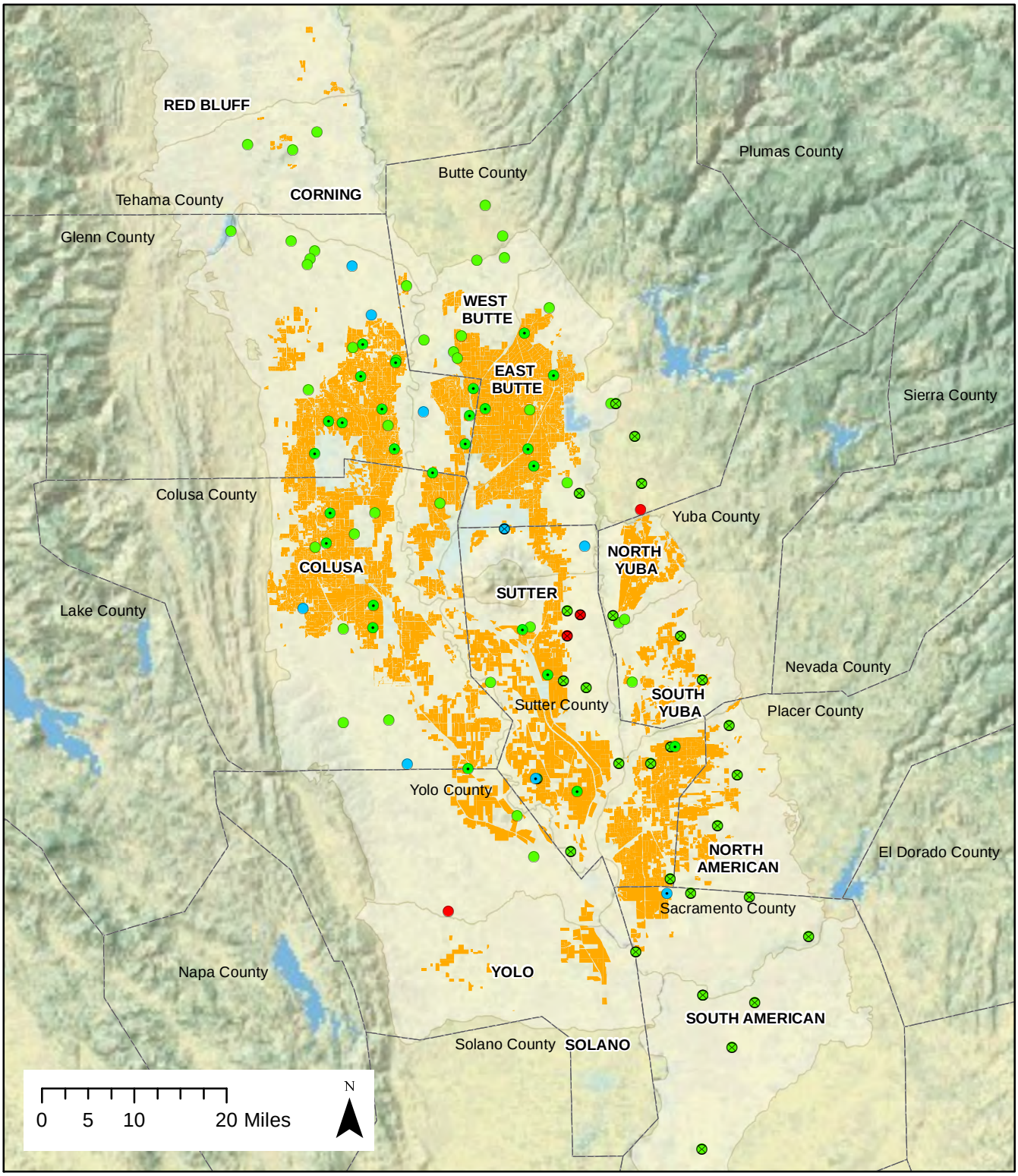


Data Sources: Groundwater Basins, Rice Crop (California DWR 2010); Basemap, County (ESRI 2011), USGS (2001a, 2001b, 2008). Datum is NAD83.

Legend

USGS Rice Wells
- <5 mg/L NO2+ NO3-N
- 5 mg/L - 10 mg/L NO2+ NO3-N

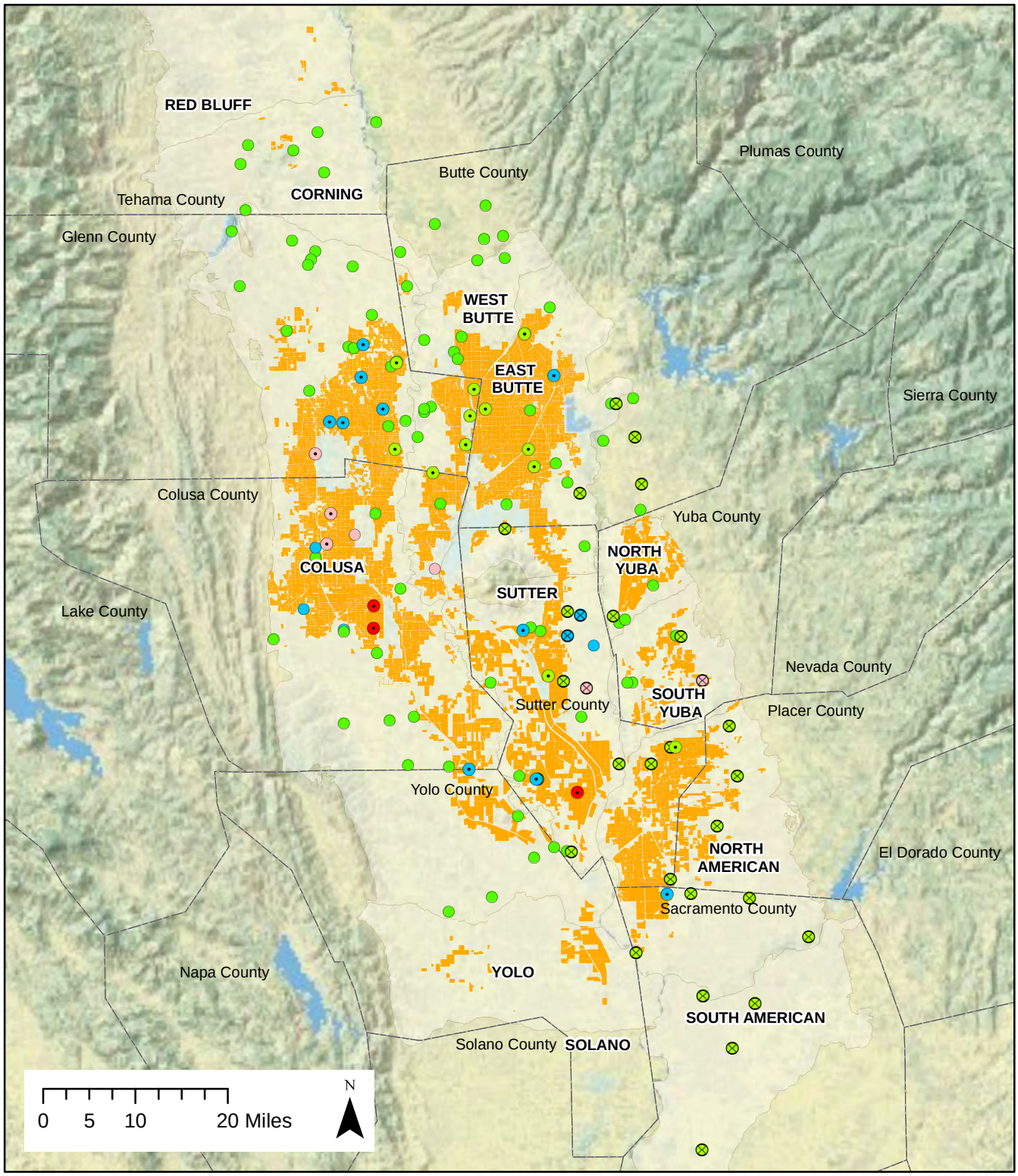
Shallow Domestic Wells
- < 5 mg/L NO2+NO3-N
- 5 mg/L - 10 mg/L NO2+NO3-N
- > 10 mg/L NO2+NO3-N

GAMA Wells
- <5 mg/L NO2+ NO3-N
- 5 mg/L - 10 mg/L NO2+ NO3-N
- >10 mg/L NO2+ NO3-N

- County Boundary
- Rice Lands (DWR)
- Groundwater Basins

MAP 5-1
Maximum Observed NO2+NO3-N Concentrations

Rice-Specific Groundwater Assessment Report



Data Sources: Groundwater Basins, Rice Crop (California DWR 2010); Basemap, County (ESRI 2011), USGS (2001a, 2001b, 2008). Datum is NAD83.

Legend

USGS Rice WellsT
- <500 mg/L TDS
- 500 - 1000 mg/L TDS
- 1000 - 1500 mg/L TDS
- >1500 mg/L TDS

Shallow Domestic Wells
- <500 mg/L TDS
- 500 - 1000 mg/L TDS
- 1000 - 1500 mg/L TDS

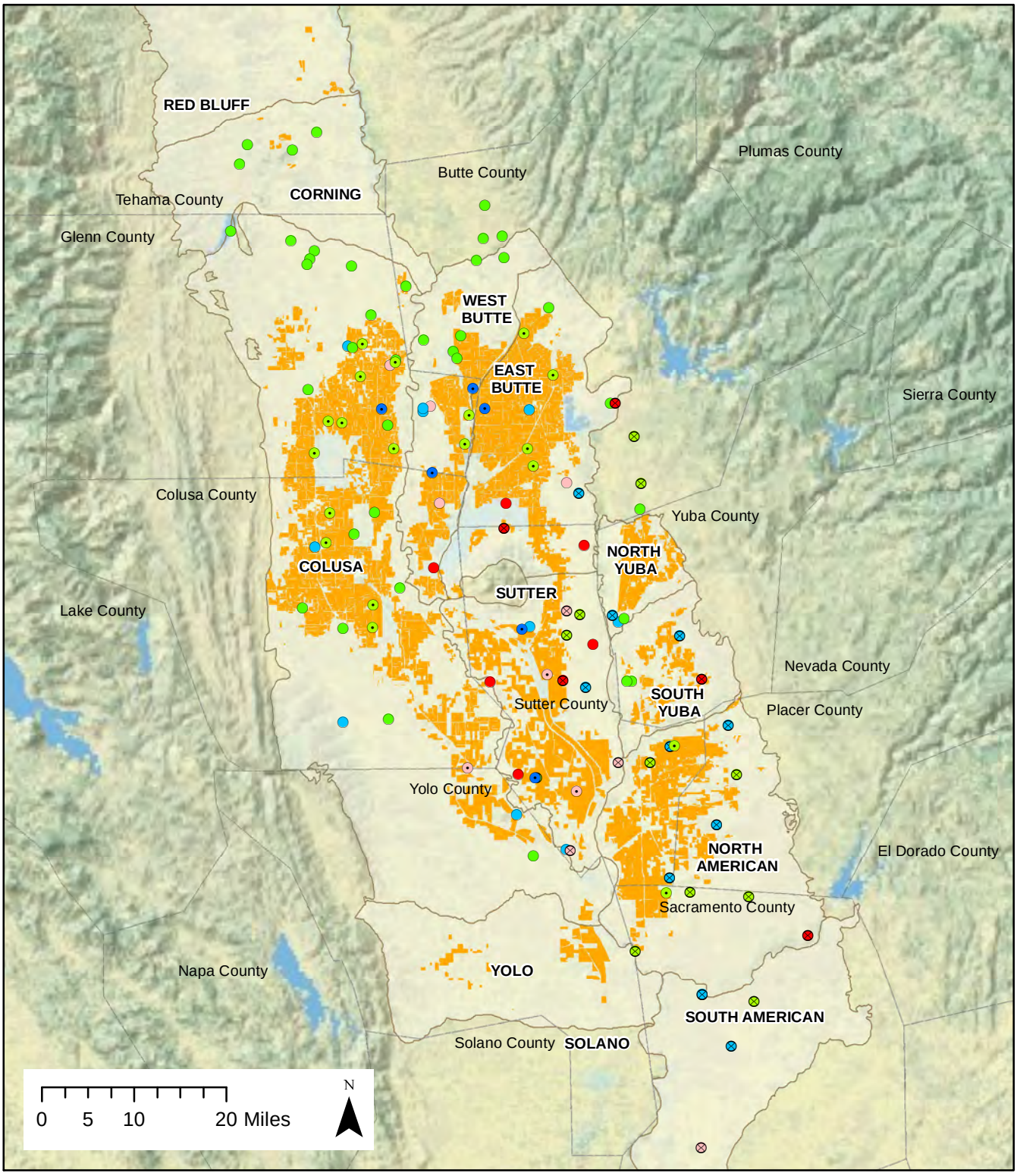
GAMA Wells
- < 500 mg/L TDS
- 500 - 1,000 mg/L TDS
- 1,000 - 1,500 mg/L TDS

- County Boundary
- Rice Lands (DWR)
- Groundwater Basins

MAP 5-2
Maximum Observed TDS Concentrations

Rice-Specific Groundwater Assessment Report

CH2MHILL



Data Sources: Groundwater Basins, Rice Crop (California DWR 2010); Basemap, County (ESRI 2011), USGS (2001a, 2001b, 2008). Datum is NAD83.

Legend

USGS Rice Wells
- < 5 µg/L As
- 5 µg/L - 10 µg/L As
- 10 µg/L - 15 µg/L As (Max 15.25 µg/L)

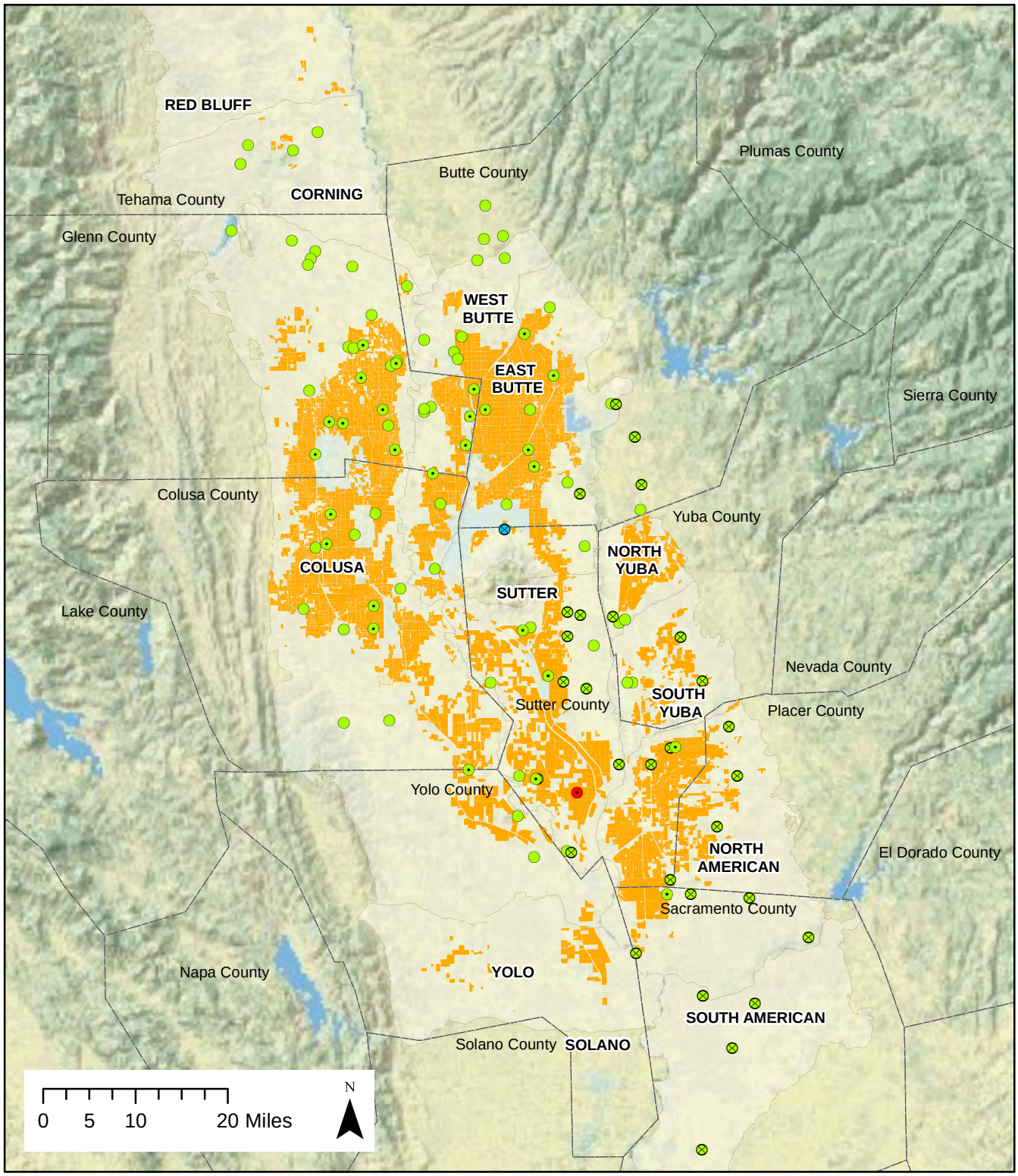
Shallow Domestic Wells
- < 5 µg/L As
- 5 - 10 µg/L As
- 10 - 15 µg/L As
- > 15 µg/L As (Max 46 µg/L)

GAMA Wells
- < 5 µg/L As
- 5 - 10 µg/L As
- 10 - 15 µg/L As
- > 15 µg/L As (Max 80.6 µg/L)

- County Boundary
- Groundwater Basins
- Rice Lands (DWR)

MAP 5-3
Maximum Observed Arsenic Concentrations

Rice-Specific Groundwater Assessment Report



Data Sources: Groundwater Basins, Rice Crop (California DWR 2010); Basemap, County (ESRI 2011), USGS (2001a, 2001b, 2008). Datum is NAD83.

Legend

USGS Rice Wells
- <500 µg/L Ba
- 500 - 1000 µg/L Ba
- >1000 µg/L Ba

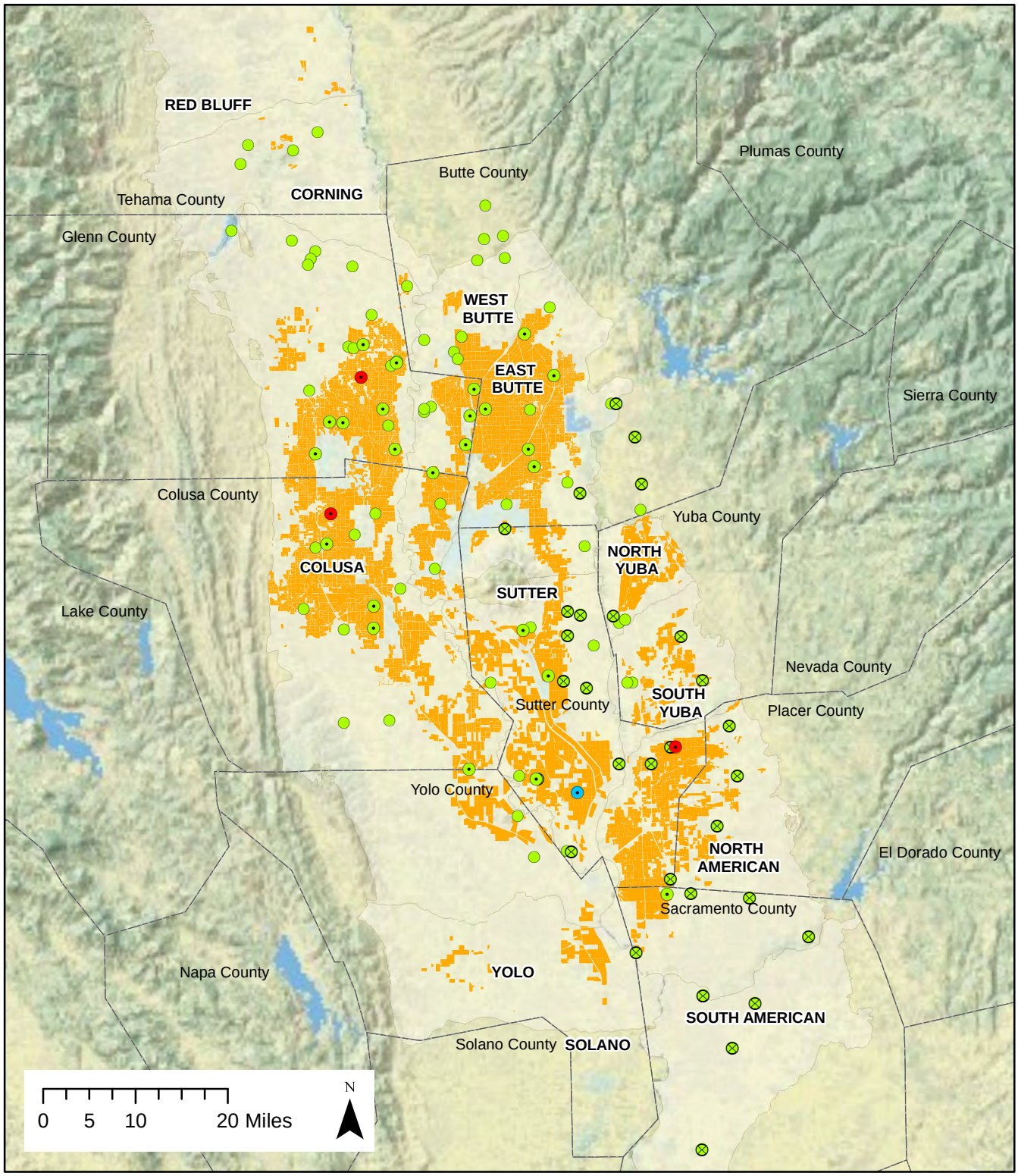
Shallow Domestic Wells
- <500 µg/L Ba
- 500 - 572 µg/L Ba

GAMA Wells
- < 500 µg/L Ba

- County Boundary
- Groundwater Basins
- Rice Lands (DWR)

MAP 5-4
Maximum Observed Barium Concentrations

Rice-Specific Groundwater Assessment Report



Data Sources: Groundwater Basins, Rice Crop (California DWR 2010); Basemap, County (ESRI 2011), USGS (2001a, 2001b, 2008). Datum is NAD83.

Legend

USGS Rice Wells
- < 2.5 µg/L Cd
- 2.5 - 5.0 µg/L Cd
- >5 µg/L Cd

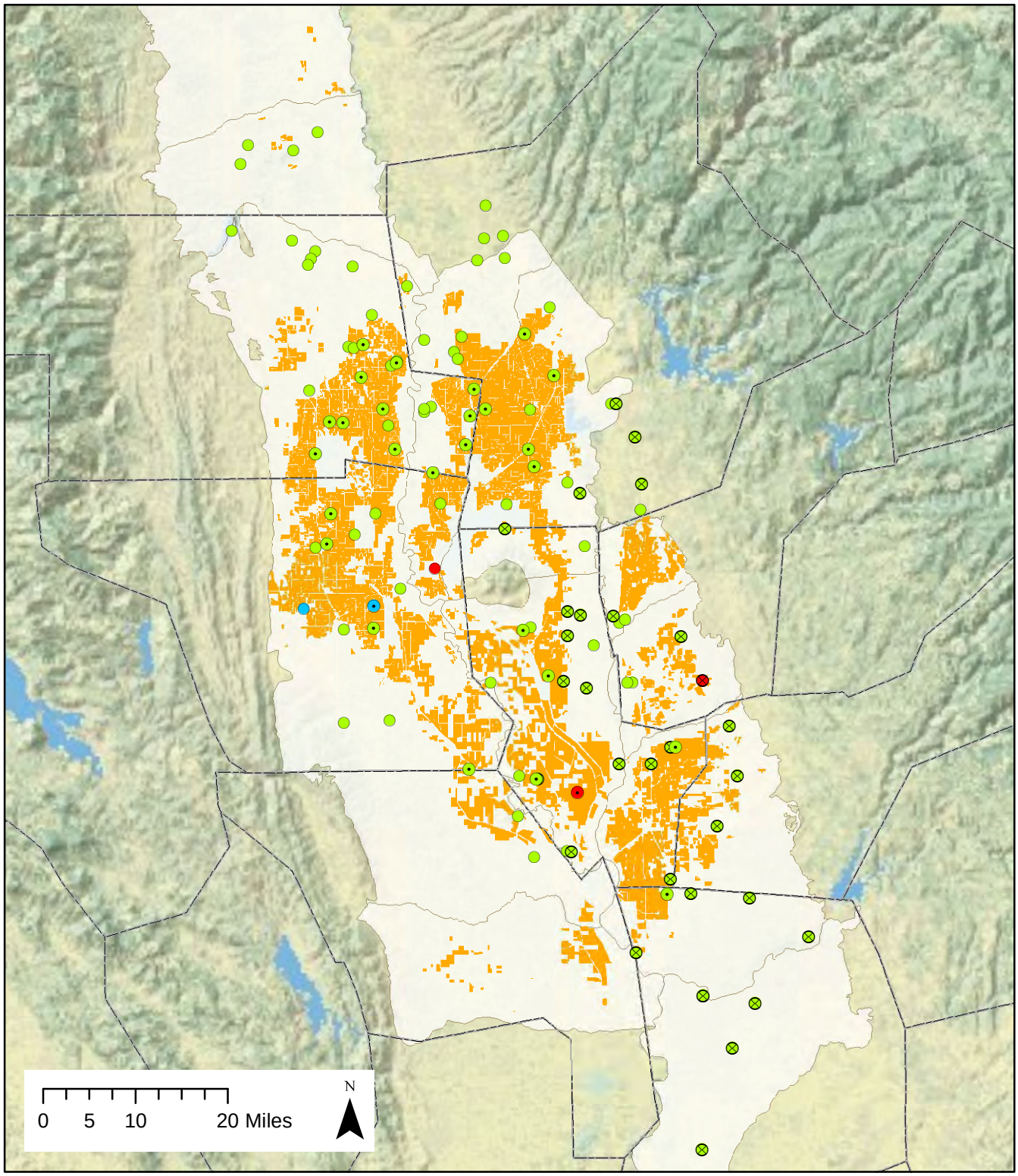
Shallow Domestic Wells
- < 0.05 µg/L Cd

GAMA Wells
- <5 µg/L Cd

- County Boundary
- Rice Lands (DWR)
- Groundwater Basins

MAP 5-5
Maximum Observed Cadmium Concentrations

Rice-Specific Groundwater Assessment Report



Data Sources: Groundwater Basins, Rice Crop (California DWR 2010); Basemap, County (ESRI 2011), USGS (2001a, 2001b, 2008). Datum is NAD83.

Legend

USGS Rice Wells
- <250 mg/L Cl-
- 250 mg/L - 500 mg/L Cl-
- >500 mg/L Cl-

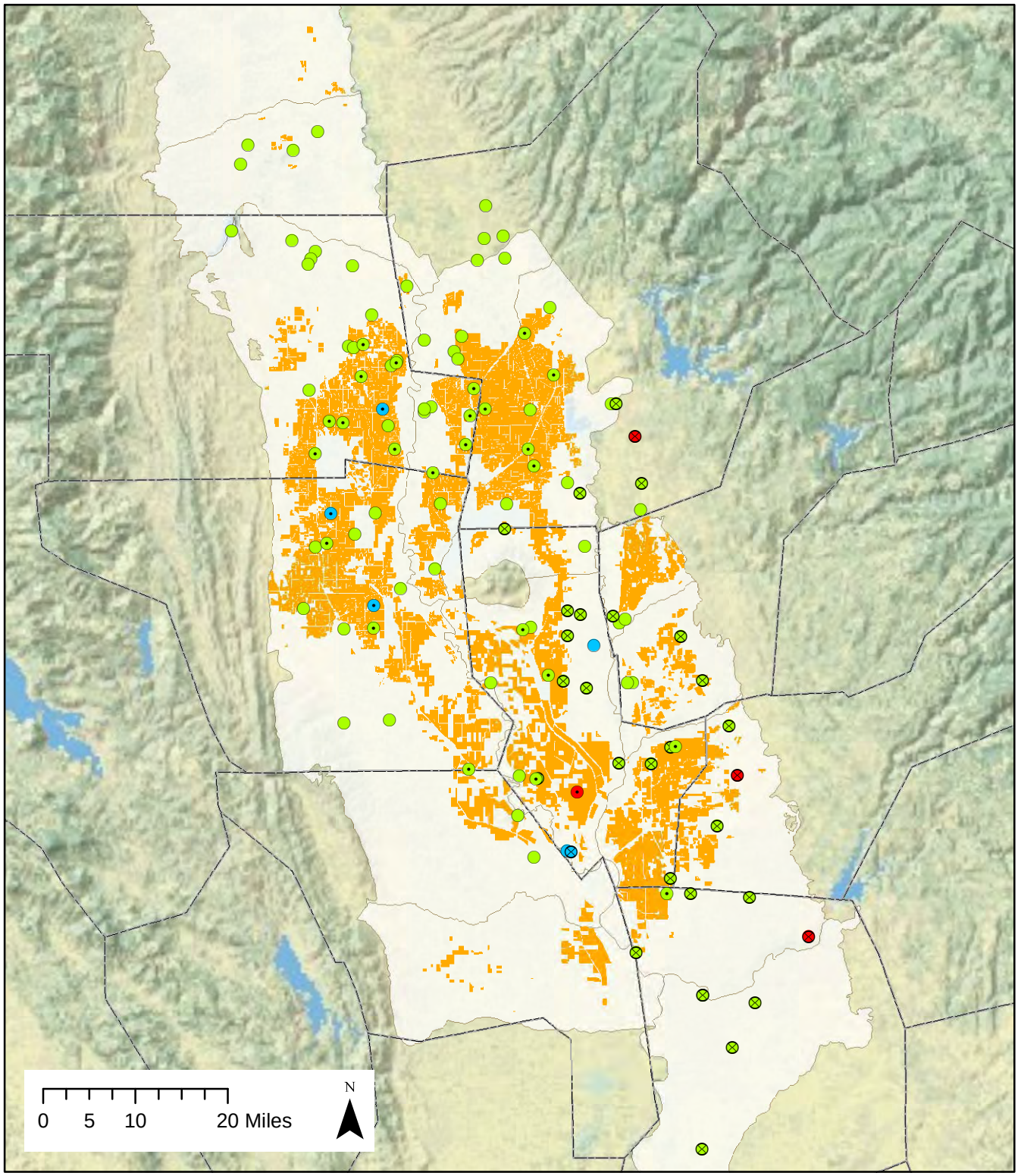
Shallow Domestic Wellsc
- <250 mg/L Cl-
- 250 mg/L - 500 mg/L Cl-
- > 500 mg/L Cl-

GAMA Wellsc
- <250 mg/L Cl-
- 250 mg/L - 500 mg/L Cl-
- >500 mg/L Cl-

- County Boundary
- Rice Lands (DWR)
- Groundwater Basin

MAP 5-6
Maximum Observed Chloride Concentrations

Rice-Specific Groundwater Assessment Report



Data Sources: Groundwater Basins, Rice Crop (California DWR 2010); Basemap, County (ESRI 2011), USGS (2001a, 2001b, 2008). Datum is NAD83.

Legend

USGS Rice Wellss
- <250 µg/L Fe
- 250 - 500 µg/L Fe
- > 500 µg/L Fe

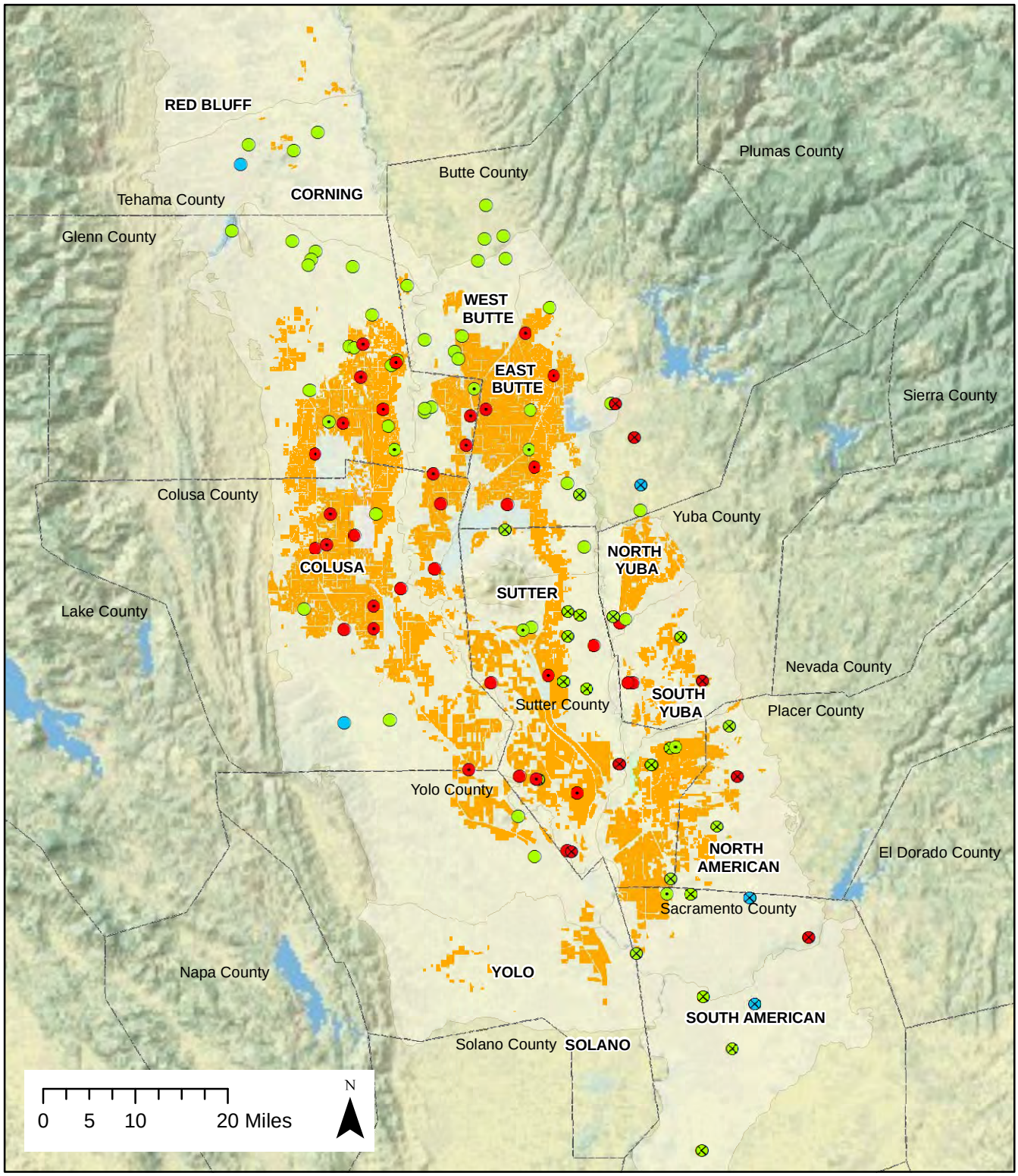
Shallow Domestic Wells
- < 250 µg/L Fe
- 250 - 500 µg/L Fe
- > 500 µg/L Fe

GAMA Wells
- < 250 µg/L Fe
- 250 - 500 µg/L Fe

County Boundary
Rice Lands (DWR)
Groundwater Basins

MAP 5-7
Maximum Observed Iron Concentrations

Rice-Specific Groundwater Assessment Report



Data Sources: Groundwater Basins, Rice Crop (California DWR 2010); Basemap, County (ESRI 2011), USGS (2001a, 2001b, 2008). Datum is NAD83.

Legend

USGS Rice Wells
- <25 µg/L Mn
- 25 - 50 µg/L Mn
- > 50 µg/L Mn

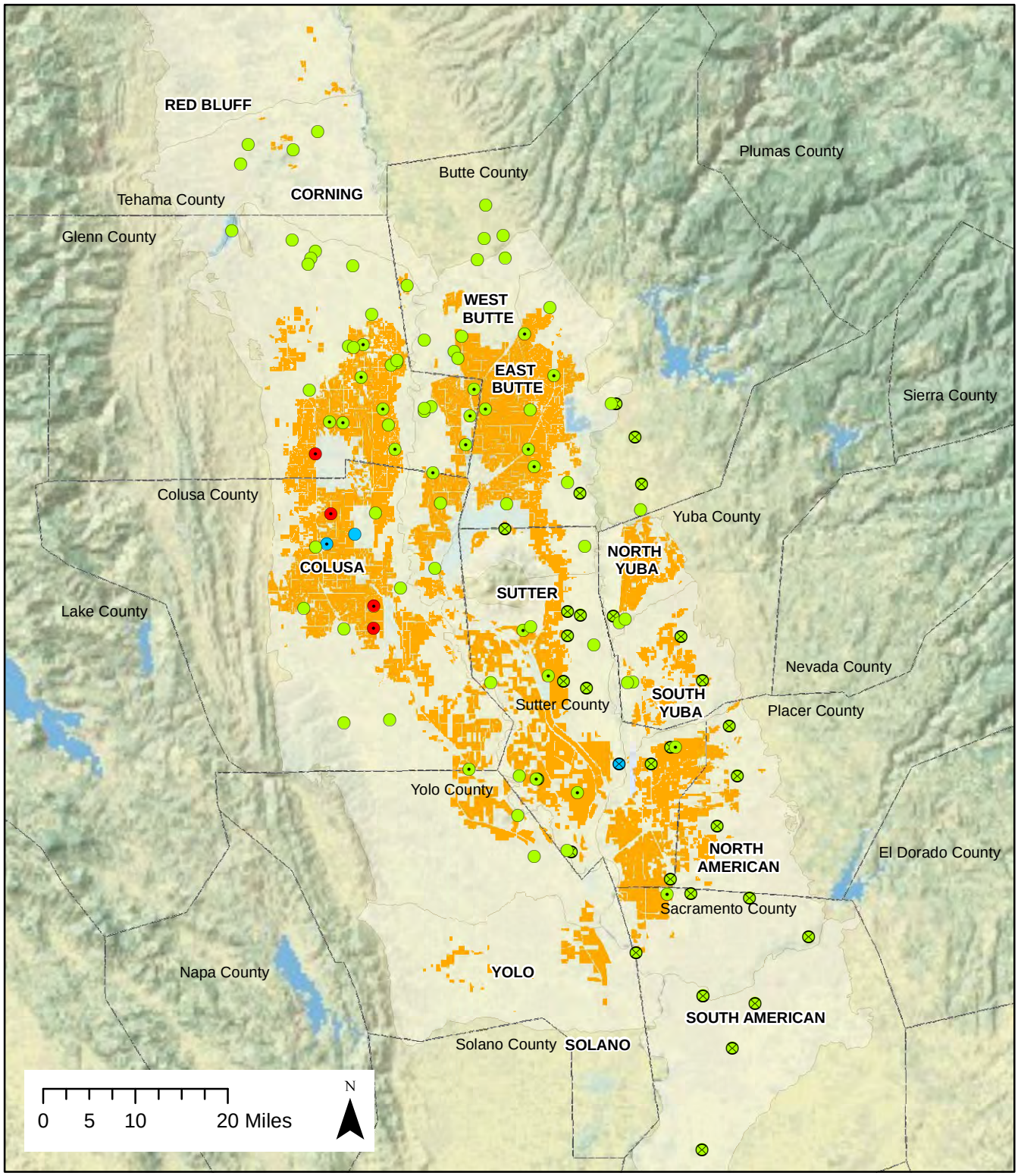
Shallow Domestic Wells
- <25 µg/L Mn
- 25 - 50 µg/L Mn
- > 50 µg/L Mn

GAMA Wells
- < 25 µg/L Mn
- 25 - 50 µg/L Mn
- > 50 µg/L Mn

- County Boundary
- Rice Lands (DWR)
- Groundwater Basins

MAP 5-8
Maximum Observed Manganese Concentrations

Rice-Specific Groundwater Assessment Report



Data Sources: Groundwater Basins, Rice Crop (California DWR 2010); Basemap, County (ESRI 2011), USGS (2001a, 2001b, 2008). Datum is NAD83.

Legend

USGS Rice Wells
- <250 µg/L SO4
- 250 - 500 µg/L SO4
- >500 µg/L SO4

Shallow Domestic Wells
- < 250 µg/L SO4
- 250 - 255 µg/L SO4

GAMA Wells
- < 250 µg/L SO4
- 250 - 500 µg/L SO4

- County Boundary
- Groundwater Basins
- Rice Lands (DWR)

MAP 5-9
Maximum Observed Sulfate Concentrations

Rice-Specific Groundwater Assessment Report