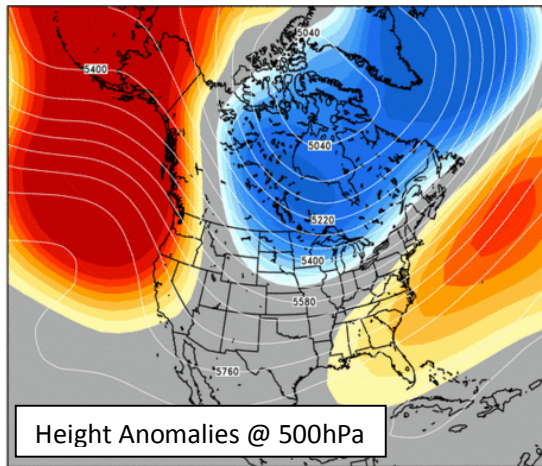


Georgia Climate Summary for December 2013

Prepared by Nyasha Dunkley and Sean Miller
State of Georgia Climate Office

Summary

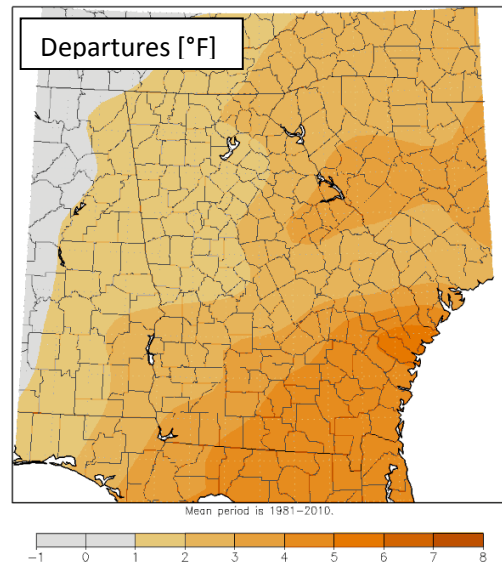


The mean circulation pattern in December featured pronounced ridging over the eastern north Pacific and western North America, with troughing prevalent from eastern Canada into the central United States. An active storm track combined with an absence of cold-air intrusions kept the state

relatively warm and wet throughout the month.

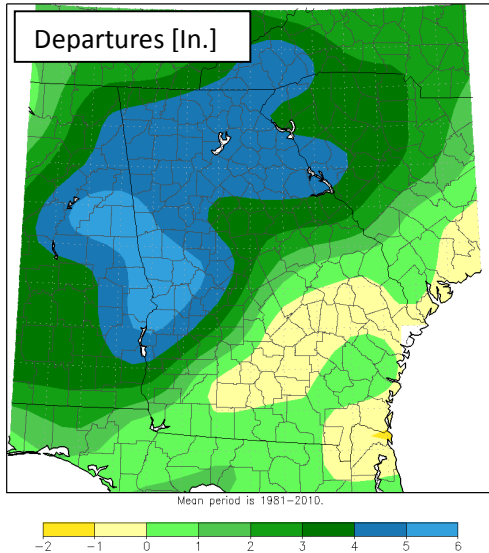
Temperatures

Monthly average temperatures were above normal statewide, with the greatest departures found along the upper coast. Savannah had a mean temperature of 57.3°, which is 5.6° above normal for December. Other monthly averages include Athens with 47.6° (2.2° above normal), Atlanta with 48.1° (+2.8°), Augusta with 50.3° (+3.1°), Columbus with 51.5° (+2.4°), and Macon with 50.4° (+2.4°). Several daily temperature records were set during warm spells on the 5th-6th and 21st-22nd, with monthly maximum temperature records set at Augusta and tied at Savannah with 83°.



Precipitation

Precipitation was variable across the state in December. Coastal



sections remained driest, with departures of around one inch below normal.

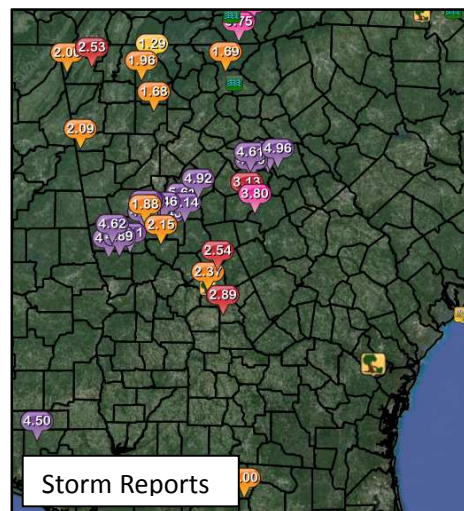
Conversely, portions of the west central and north received plentiful rainfall with departures exceeding four (to locally six) inches above the mean. Athens received 7.62" (3.89" above normal), Atlanta had 7.80" (+3.90"), Augusta had 6.90" (+3.51"), Columbus had 8.87" (+4.60"), Macon had 9.04" (+5.00"), and Savannah had 2.38" (+0.57").

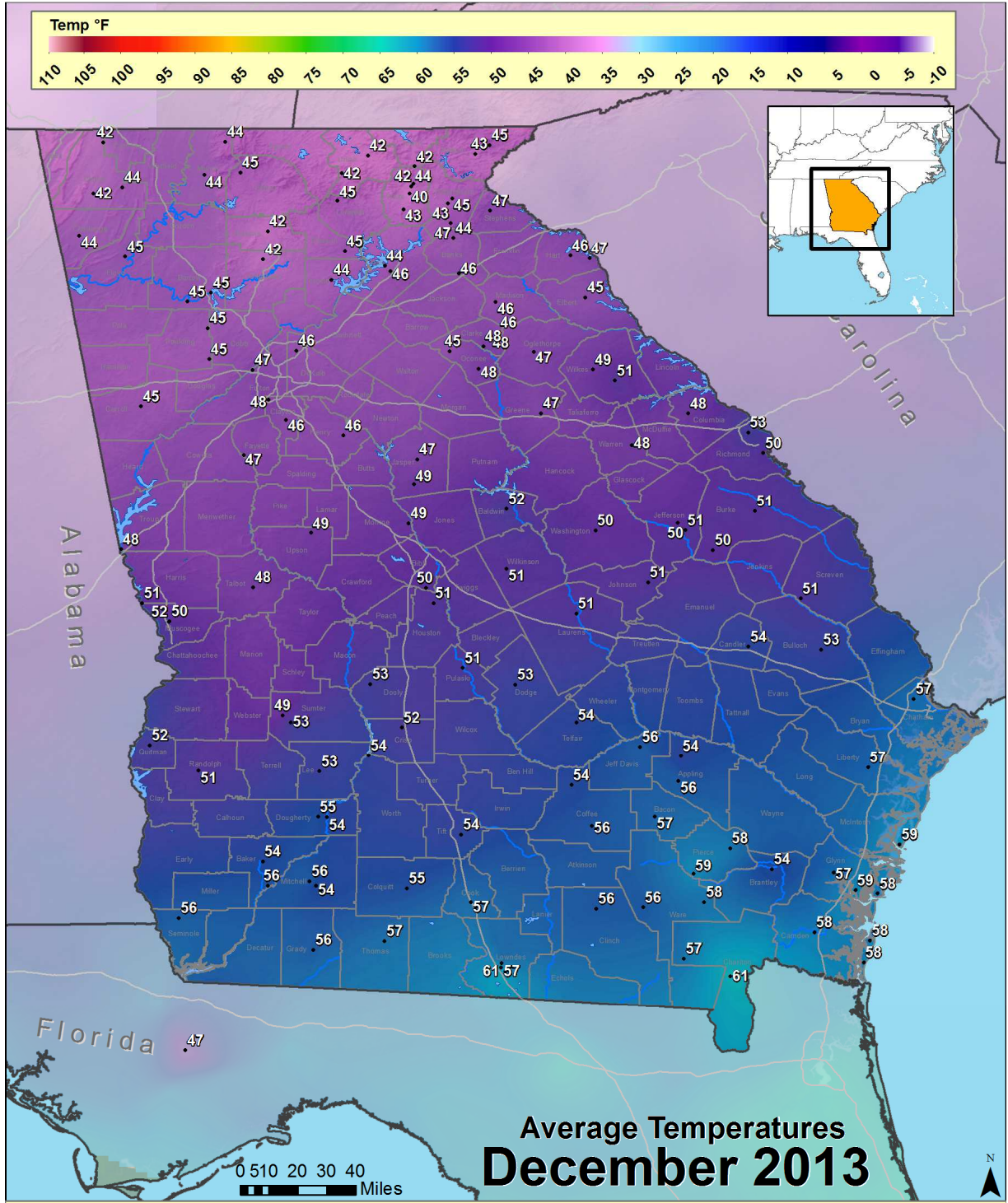
Noteworthy precipitation events occurred on the 23rd and 29th, resulting

in widespread stream and isolated stem river flooding primarily in northern and central portions of the state. The CoCoRaHS observer located near McDonough picked up an impressive 5.61" with heavy rainfall on the 23rd.

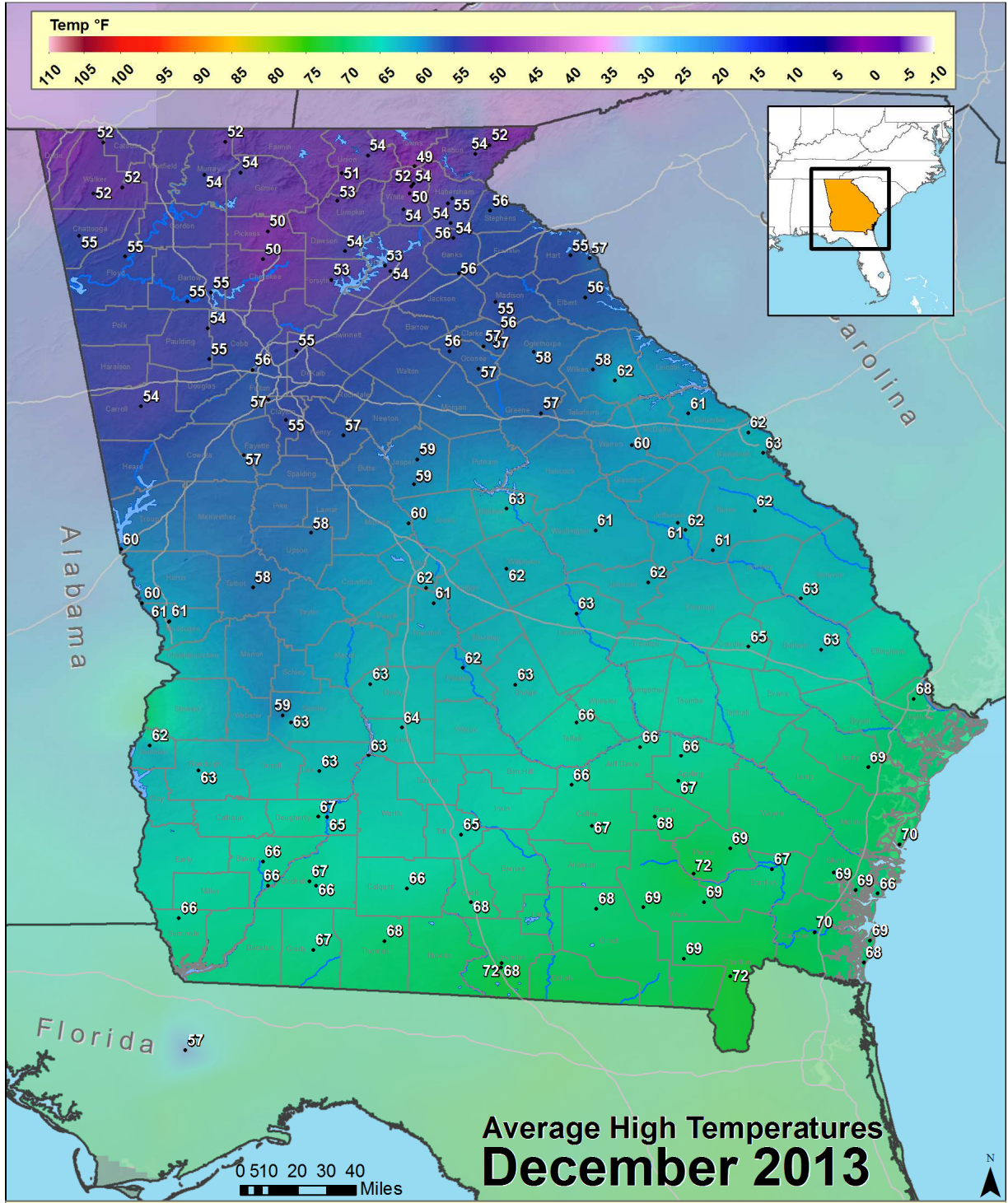
Storm Reports

Only two storm reports, both associated with severe thunderstorms, were received in December. The reports include tree and power line damage in Perry on the 5th and damage to a boathouse and trees near Ludowici on the 12th. As mentioned in the previous section, heavy rainfall was the predominant weather hazard in December.

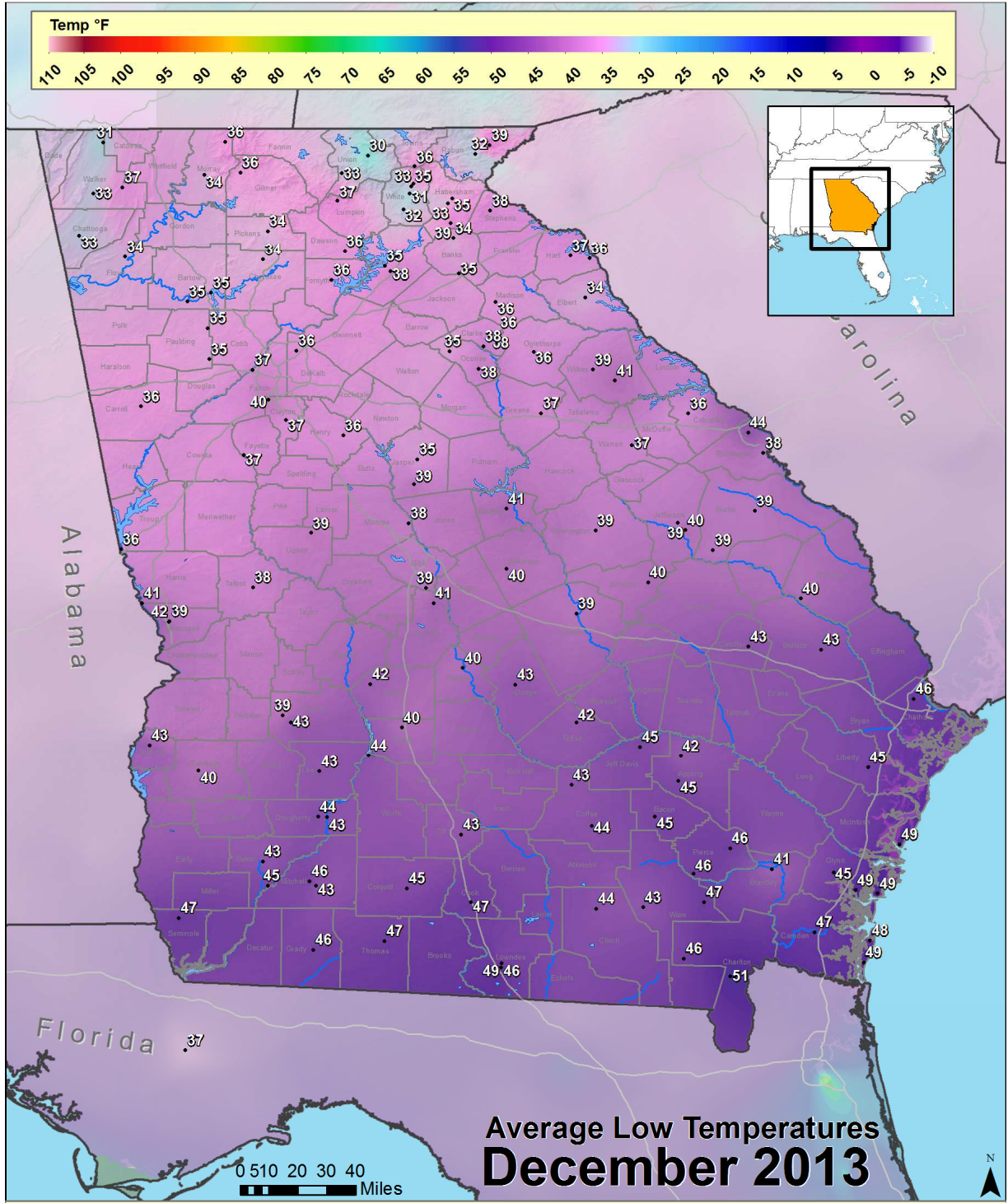




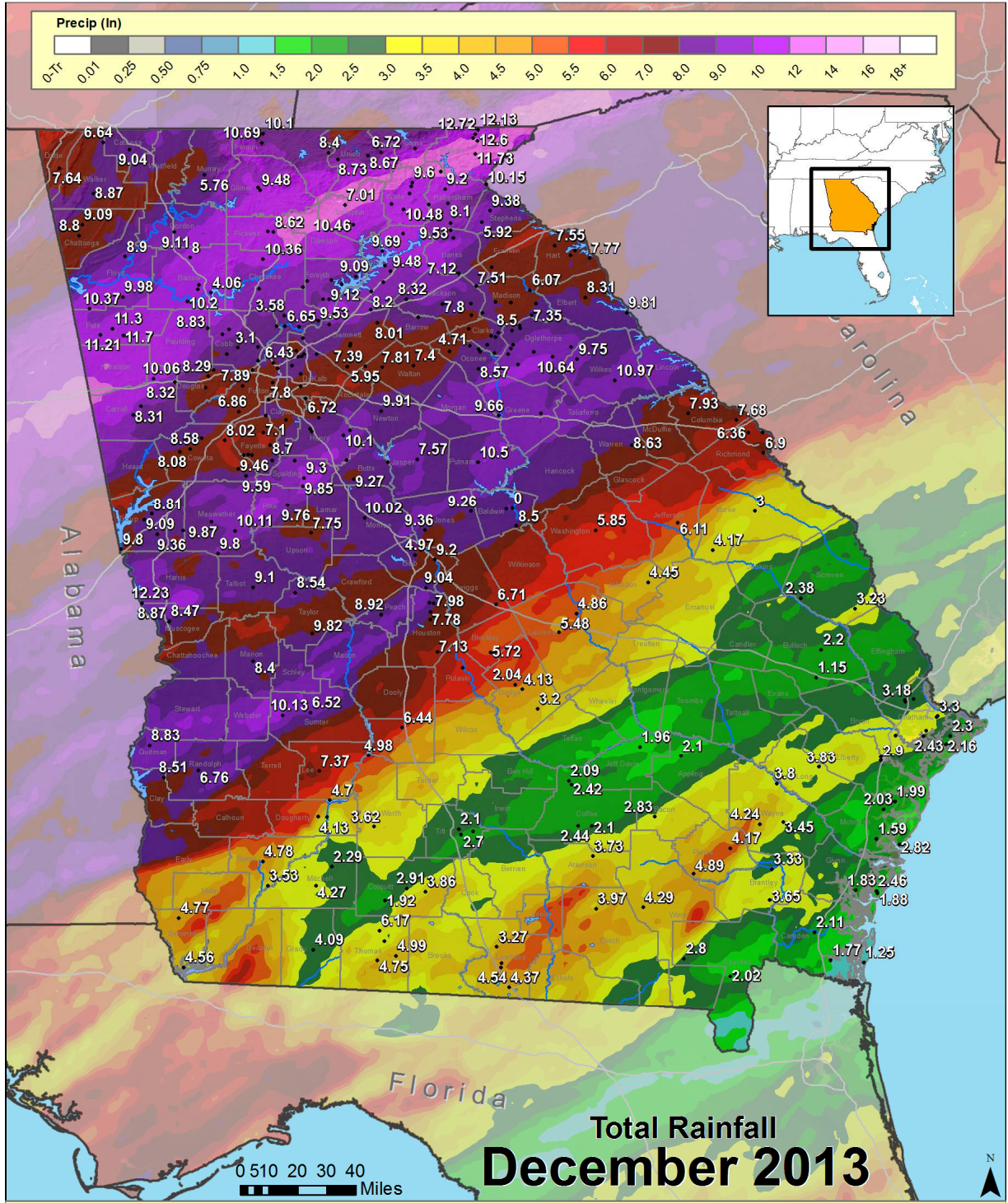
Map created using provisional data from various meteorological networks. All values are considered preliminary. State of Georgia Limited quality control has been applied. State of Georgia Climate Office



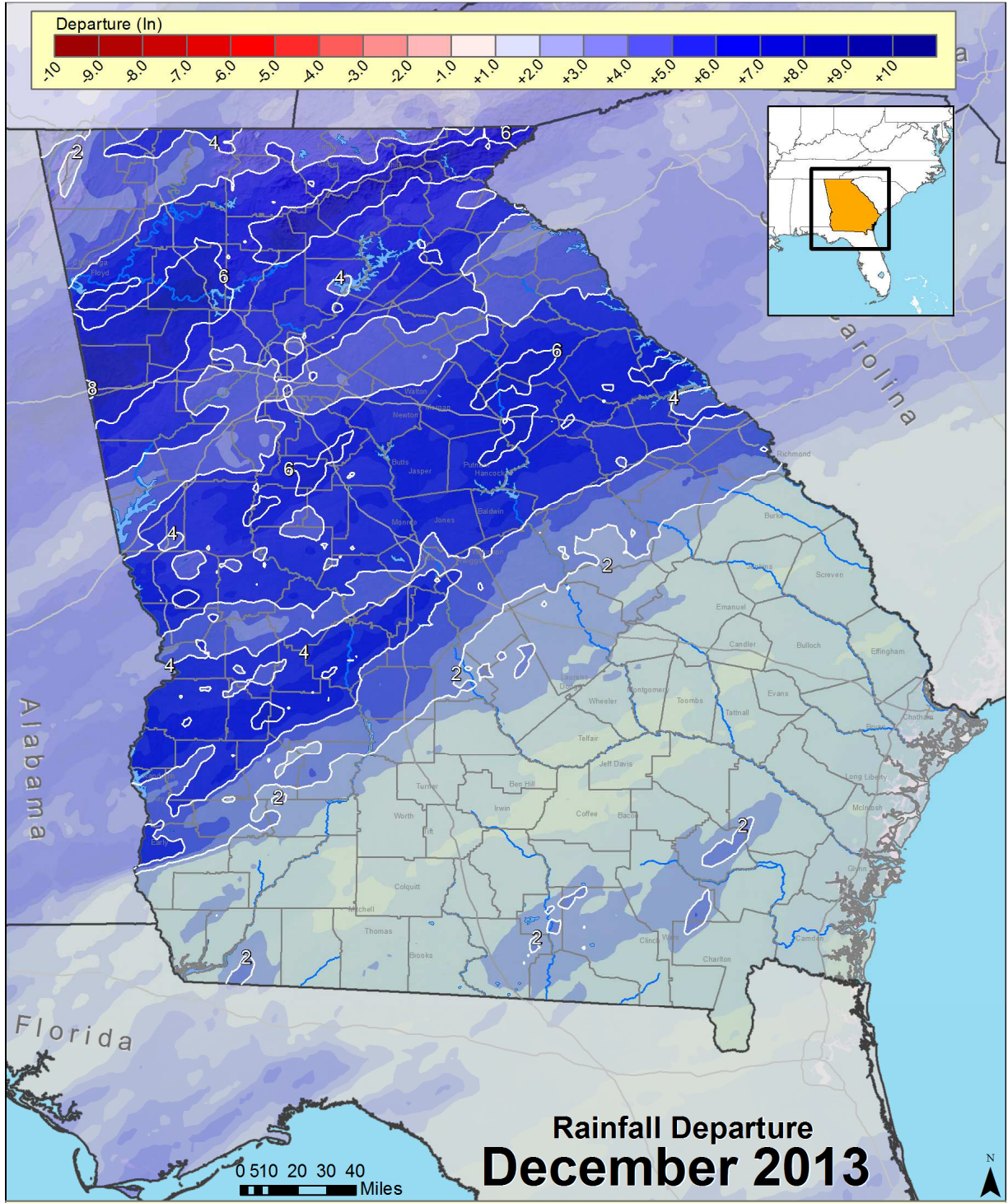
Map created using provisional data from various meteorological networks. All values are considered preliminary. State of Georgia Limited quality control has been applied. Plot is for the 24 hour period ending at 7am on the indicated day. State of Georgia Climate Office



Map created using provisional data from various meteorological networks. All values are considered preliminary. State of Georgia Limited quality control has been applied. State of Georgia Climate Office



Map created using provisional data from various meteorological networks. All values are considered preliminary. State of Georgia Limited quality control has been applied. State of Georgia Climate Office



Rainfall Departure December 2013

Map created using provisional data from various meteorological networks. All values are considered preliminary. State of Georgia
 Limited quality control has been applied. Climate Office