Recommended Weather Bookmarks

NWS Peachtree City, Ga (http://www.srh.noaa.gov/ffc)
A great place to start for accurate and official information. This is the home page for the National Weather Service office in Peachtree City – This office covers our County Warning Area (CWA)

NOAA/NWS Storm Prediction Center (http://www.spc.noaa.gov/)
The NWS Storm Prediction Center (SPC) puts out "broader" storm and severe weather forecasts. Watches are issued from SPC. Warnings are issued locally from the local CWA offices.

SPC - HRRR Model Browser (http://www.spc.noaa.gov/exper/hrrr/) An experimental product from the Storm Prediction Center that allows you to look at a browser based interface to see radar, lines of equal pressure, and see how the highs and lows develop and move. Interesting when looking at meso-scale events and see what is coming your way.

National Hurricane Center (http://www.nhc.noaa.gov/)
Located in Miami, this office does all of the hurricane forecasting.

NWS EDD (http://preview.weather.gov/edd/)
A good (free) map-based weather tool developed by the NWS. This tool let's you display radar, satellite, and much more data from NWS by adding the data you want to see in layers.

Meteorological Phenomena Identification Near the Ground (mPING) (https://mping.ou.edu/)
A project to collect weather information from the public through their smart phone or mobile device. The free mPING mobile app was developed through a partnership between NSSL, The University of Oklahoma and the Cooperative Institute for Mesoscale Meteorological Studies. It looks like the mPING phone app is now being called obsolete and is scheduled to be replaced.

Live lightning map (http://www.lightningmaps.org/blitzortung/america/index.php?lang=en)
Live lightening data worldwide.

RWIS data from GDOT (http://www.weather.gov/ffc/gdot_rwis)
Great site that shows air and roadway temps on roadways in Georgia. Very useful during winter.

earth :: a global map of wind, weather, and ocean conditions (https://earth.nullschool.net/)
Very interesting earth view showing winds and other data in layers.

NOAA / NWS Space Weather Prediction Center (http://www.swpc.noaa.gov/)
Proof that the NWS loves us hams!

Community Collaborative Rain, Hail, and Snow Network (https://www.cocorahs.org/) CoCoRaHS (pronounced KO-ko-rozz) is a grassroots volunteer network of backyard weather observers of all ages and backgrounds working together to measure and map precipitation (rain, hail and snow) in their local communities. By using low-cost measurement tools, stressing training and education, and utilizing an interactive Website, the aim is to provide the highest quality data for natural resource, education and research applications. The only requirements to join are an enthusiasm for watching and reporting weather conditions and a desire to learn more about how weather can affect and impact our lives.

Hurricane Watch Net (http://www.hwn.org/) The Hurricane Watch Net is a group of hams, trained and organized to provide essential communications support to the National Hurricane Center during times of Hurricane emergencies. They generally activates whenever a hurricane is within 300 statute miles of expected landfall. The area of coverage includes the Caribbean, Central America, Eastern Mexico, Eastern Canada, as well as all US Coastal States. When activated, listen on 14.325 MHz by day and 7.268 MHz by night.

Swell Info (https://www.swellinfo.com/) A good source for wave heights if you are going to the beach or boating near shore.

Water Temps (https://www.nodc.noaa.gov/cwtg/satl.html) Is it too cold to go the beach or will you need a wetsuit?

NOAA Marine Forecasts (http://www.nws.noaa.gov/om/marine/home.htm) Nearshore and offshore forecasts from NOAA.

National Data Buoy Center (http://www.ndbc.noaa.gov/) Essential for open water ocean boating conditions measured in real time at the buoy. Wind speed and direction, wave height, wave period give a good picture of current conditions. No forecasting ability-just real time data.

Wind conditions and forecasts (http://wx.ikitesurf.com/) A pretty good site to give wind forecasts. Used primarily by hobbyists and windsurfers.

Recommended Smartphone Apps

Radar Scope – Exceptional radar app that has all the bells and whistles. If you only have one radar app – you want this one. Personally recommended by a NWS meteorologist (but not endorsed by NWS). Available for iPhone and Android.

Weather Underground – An older App but still supported. Storm is better and more complete. Available for iPhone and Android.

Storm - An App by Weather Underground. Can show wind fields in addition to Radar. Available for iPhone

Wunder Map – Similar to Storm with symbols for wind speed and direction. Includes multi-point temperatures. Simple and basic. Available for iPhone

Windy – Wind forecast for more data points than just about any other app out there. Some info is crowd sourced with home weather stations. Available for iPhone and Android.

The Weather Channel – Everyone knows this one! Available for iPhone and Android.

National Weather Service – Really good app. Does what you would expect. Available for Android.

Pro Weather Alert – Give alerts based on your current location or a location you specify. Available for Android.

DarkSky – Interesting app. Has a different presentation of the weather. This one notifies you when rain is about to begin or end in your area. Available for iPhone and Android.

For the Real Weather Nuts!

Note: These apps are not free and are not cheap.

GRLevel3 (**http://www.grlevelx.com**) – Really good weather radar software for the PC. Also, personally recommended by a NWS meteorologist (but not endorsed by NWS).

Allison House (**https://www.allisonhouse.com**) – Add on data product for GRLevel3 and Radar Scope.

How to Submit Storm Reports

Option 1: Report Storms on 146.955 -77 Hz. Reports filed on 146.955 are heard by Paulding EMA and other agencies real time.

Option 2: If you cannot submit your report via 146.955 follow these guidelines from the NWSAtlanta website:

	**Call our Severe Weather Reporting Hotline at 1-866-763-4466.**
	**Submit your report through our online form** (http://innovation.srh.noaa.gov/StormReport/SubmitReport.php?site=ffc)
twitter	**Tweet your severe weather report with #gawx.**
SPOTTER NETWORK	**Submit your report online via Spotter Network. (www.spotternetwork.org) (Test required to submit a report.)**

Items to include in your report:

- Type of report (hail, tornado, wind damage, snow, ice, etc)
- If reporting hail, the size of hail in relation to a coin or ball
- If reporting strong wind, the wind speed and whether it was measured or estimated
- Any damage caused by the event (trees or powerlines down or structural damage, etc - please include the number of trees or powerlines down)
- If reporting winter weather, the amount of snow or ice
- Where and what time the event occurred. Please include your location as accurately as possible.
  For example, 2 miles east of Fayetteville in Fayette County or provide your street address (preferred method).

- Follow NWS Atlanta on Twitter (@NWSAtlanta) and Facebook (@NWSAtlanta).
- Follow Paulding County ARES on Facebook.