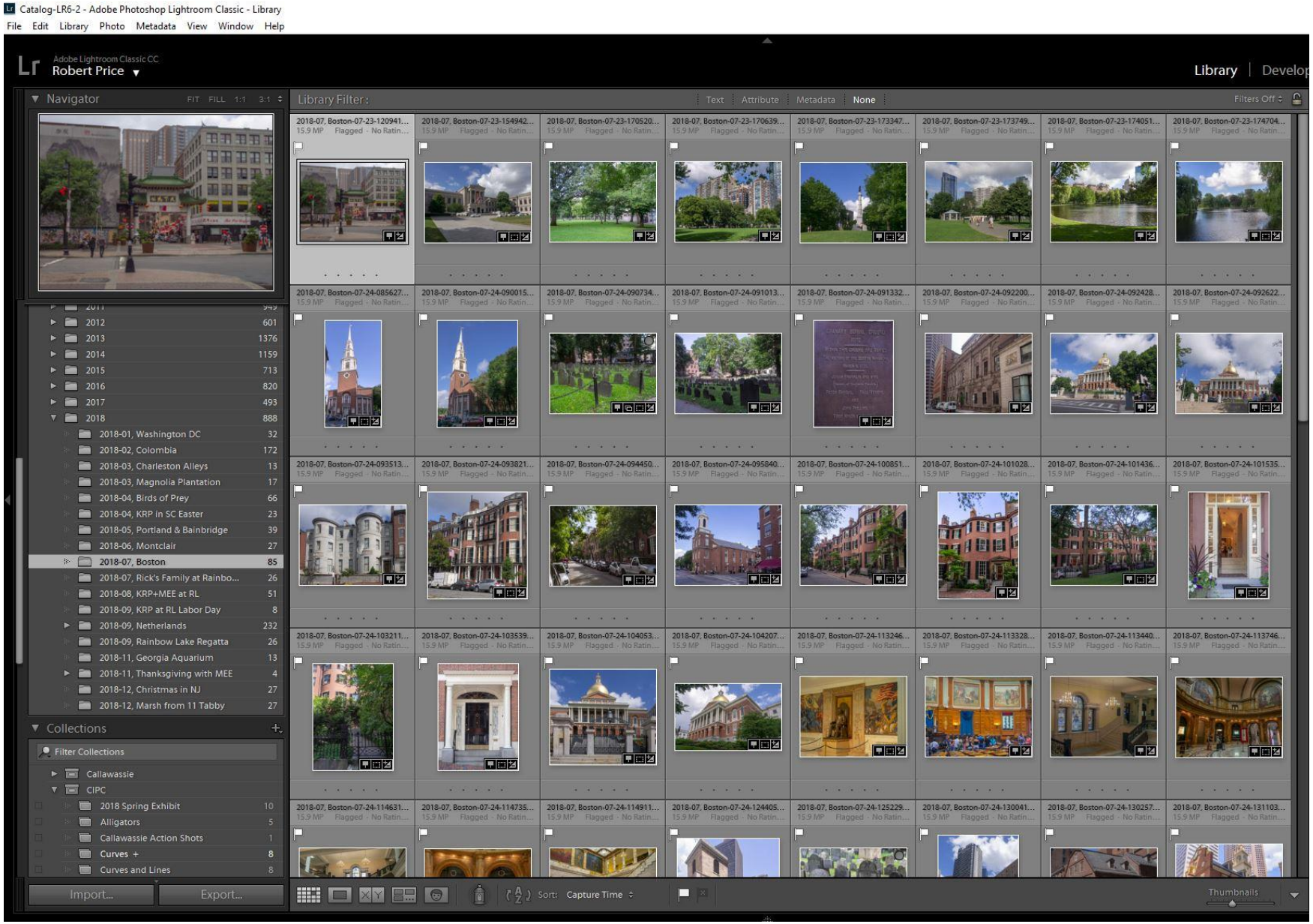
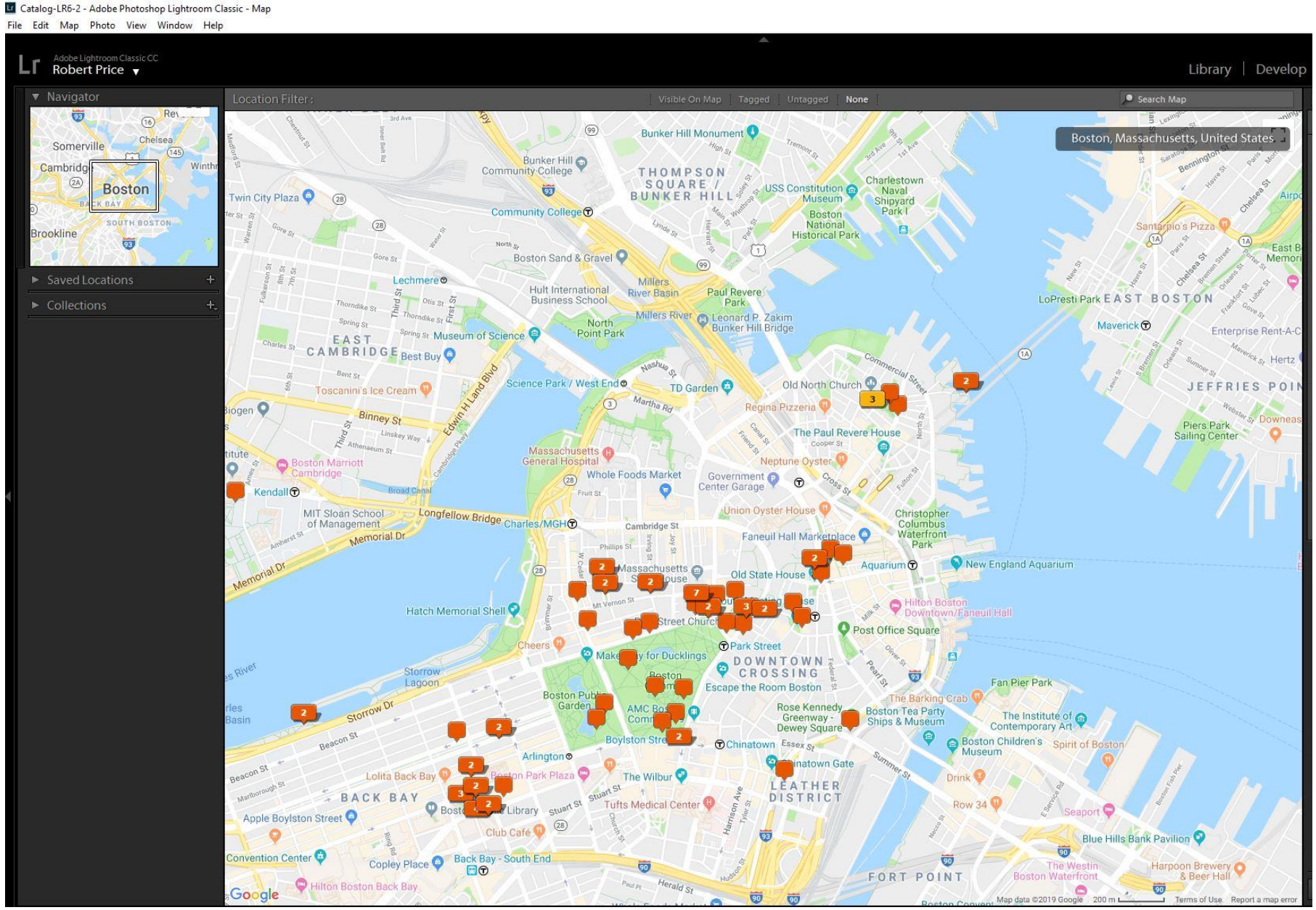
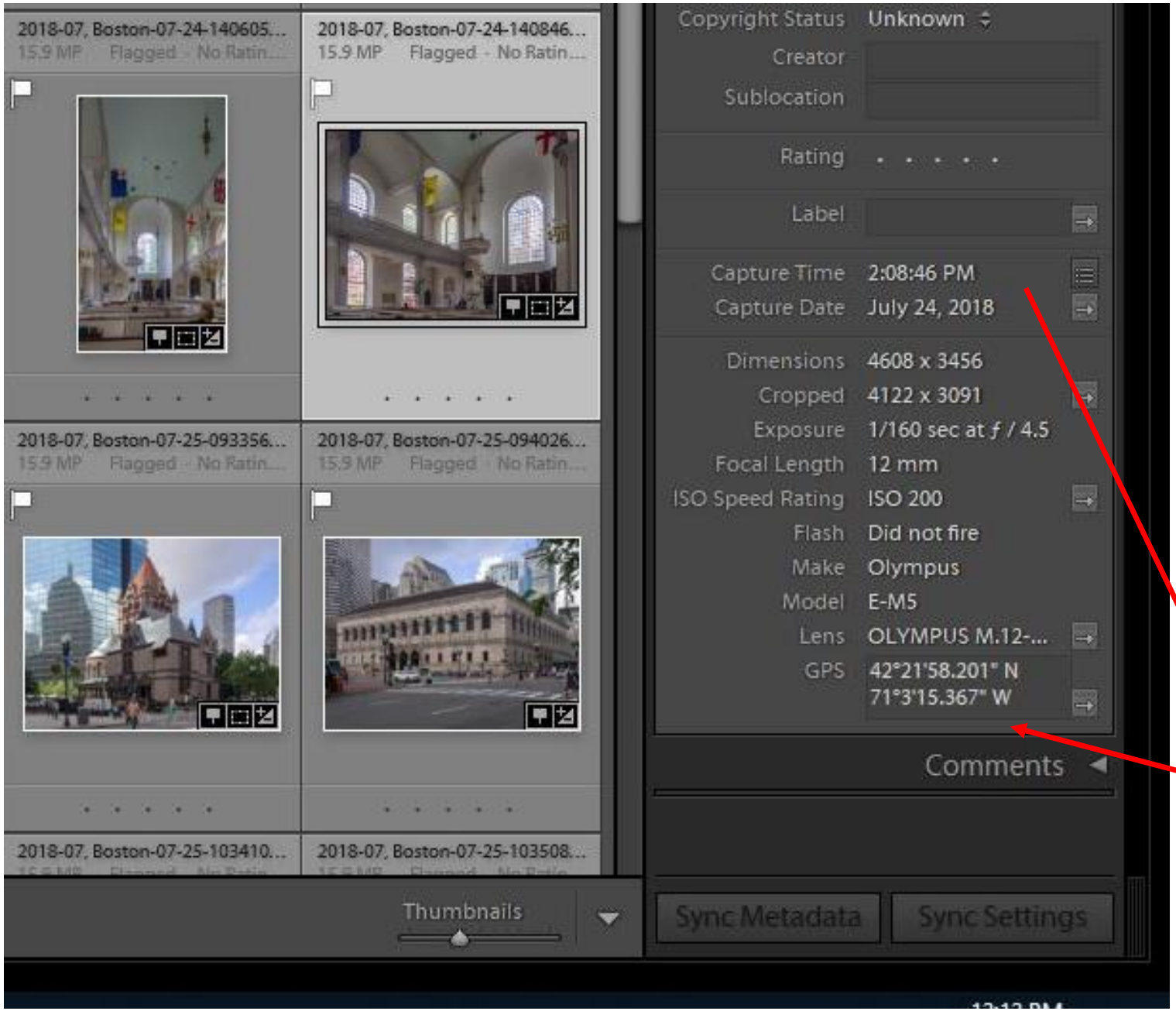


- What is GeoTagging
  - Shown on the left are photos from a trip to Boston
  - But where was this stuff?
- Why would I want to do it?
  - You can ALWAYS tell where the photo was taken
  - Always
  - On LR AND on almost any software that displays JPGs

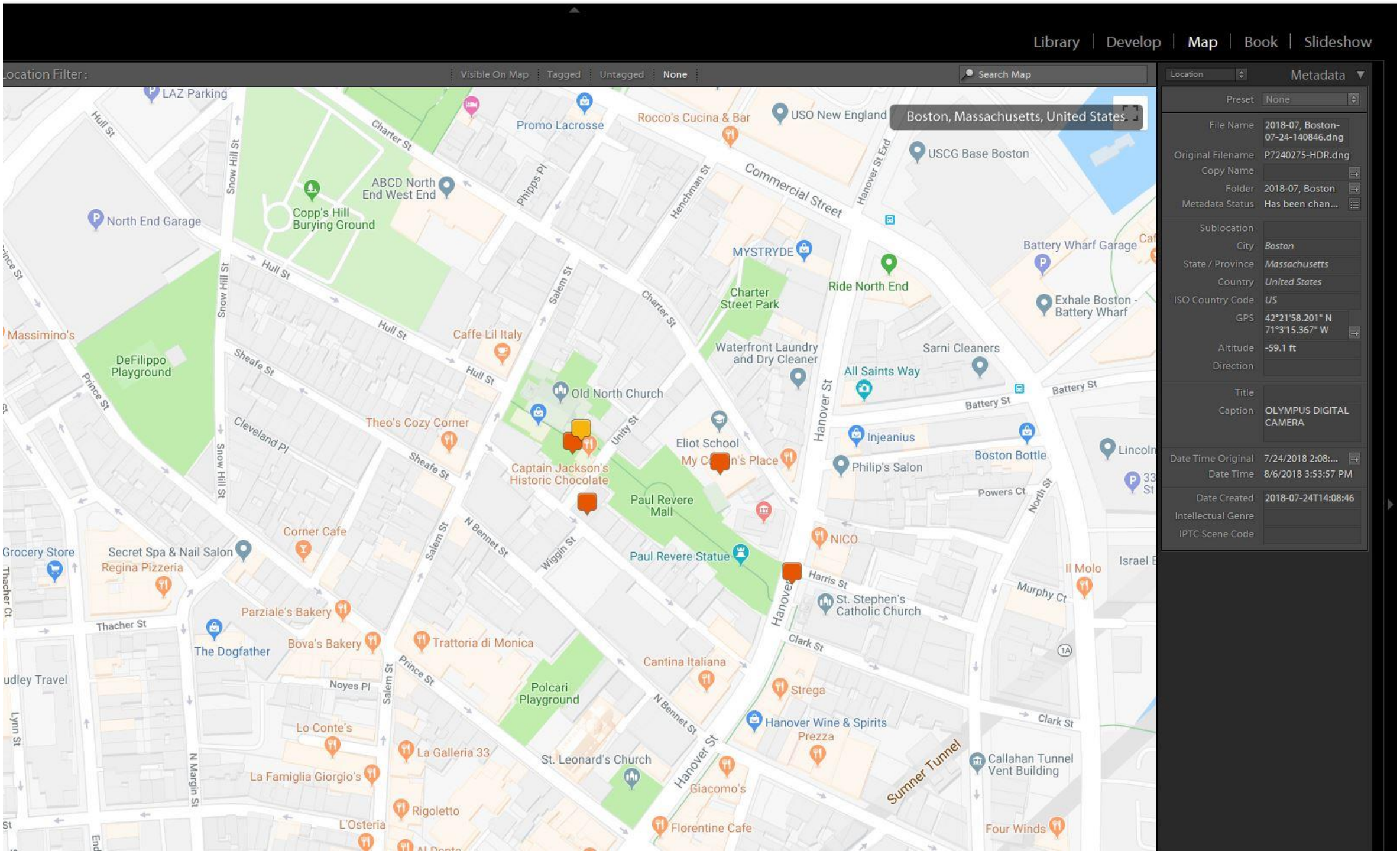


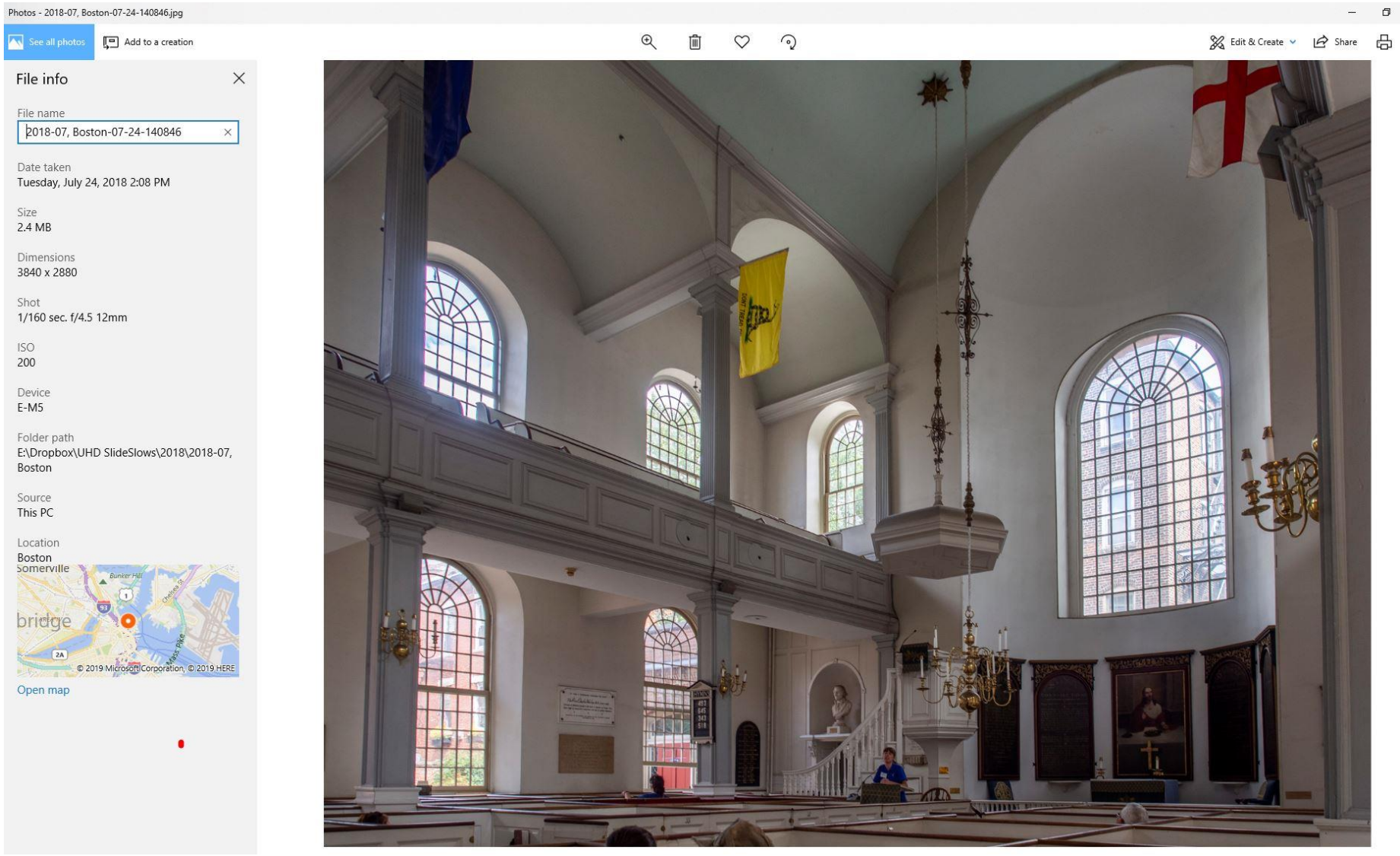
- Here are the same photos displayed on a map in LR
- Creating the map and tagging every JPG from the trip is fast and easy
  - No hardware required. Works with your existing DSLR.
  - Only software is LR plus a $14 app on your phone
  - And it takes about 10 minutes per trip – regardless of how many shots you take.



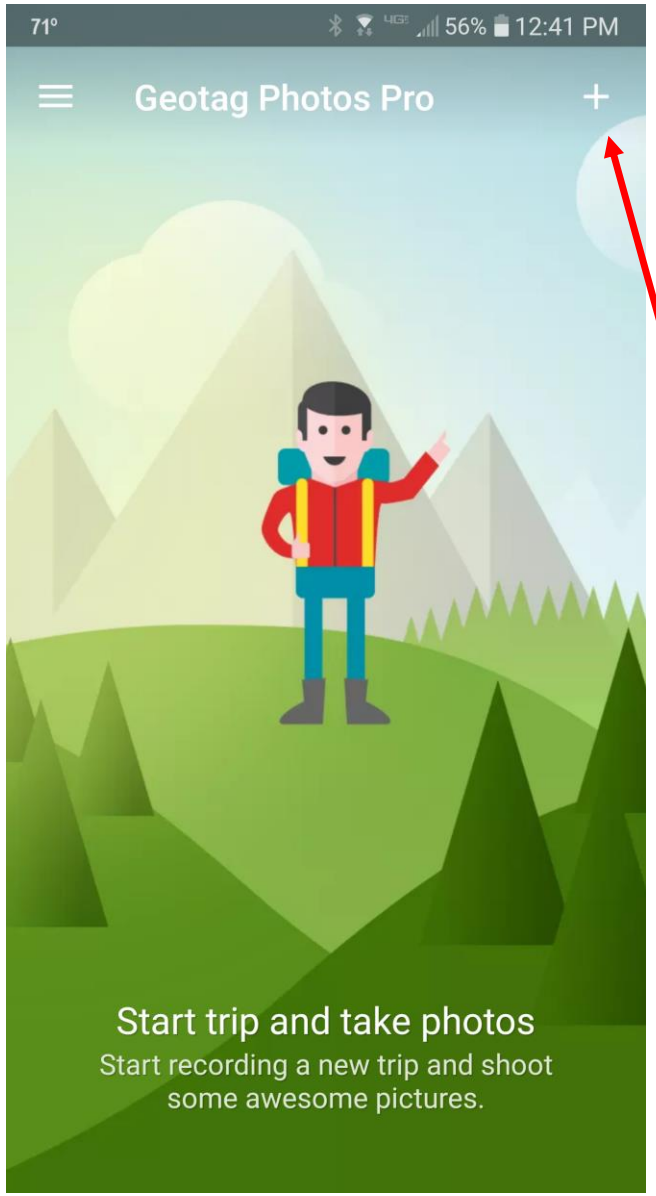
- GeoTagging attaches a GPS location (from phone) to every photo you take.
- GeoTagging works by
  - Creating a continuous TripLog on your phone – a list of times and locations for the entire trip
  - LR matches the Capture Date and Time from your DSLR with the Time / Date from the TripLog
  - And puts the data in the Metadata field for the Photo

Date/Time	Location
7/24 2:08:20	42-32-58.201N 71-3-15.161W
7/24 2:08:30	42-32-58.201N 71-3-15.245W
7/24 2:08:40	42-32-58.201N 71-3-15.367W
7/24 2:08:50	42-32-58.201N 71-3-15.367W

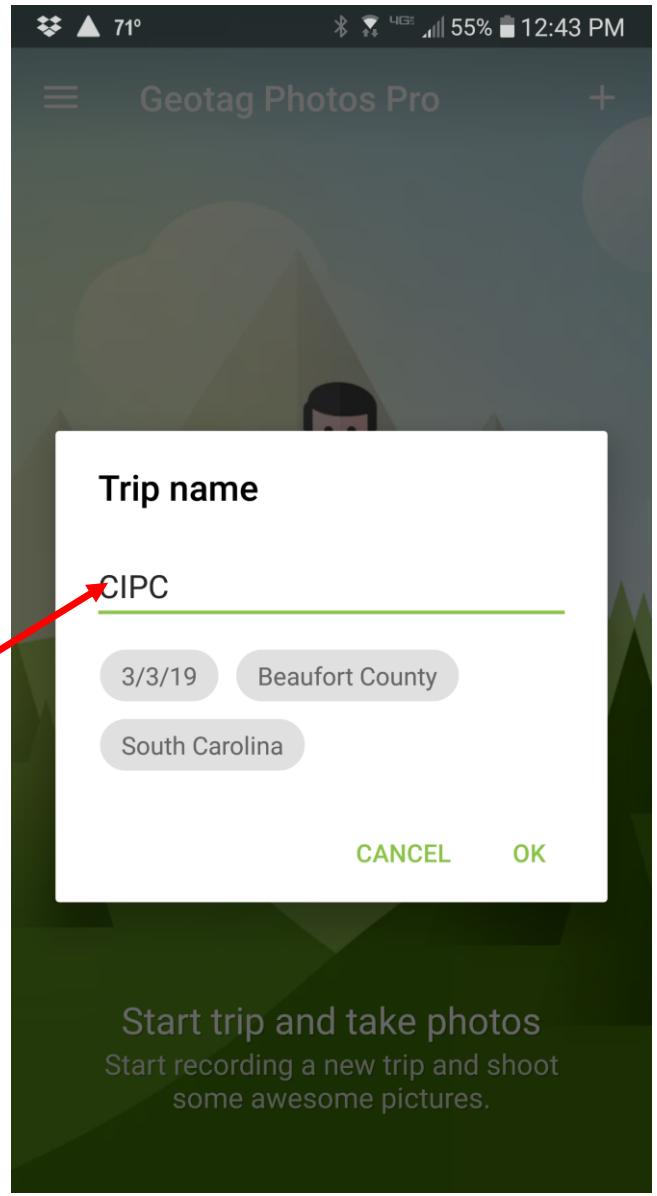

Library | Develop | Map | Book | Slideshow
Location Filter :
Visible On Map | Tagged | Untagged | None
Search Map
Boston, Massachusetts, United States
Metadata
Preset None
File Name 2018-07, Boston-07-24-140846.dng
Original Filename P7240275-HDR.dng
Copy Name
Folder 2018-07, Boston
Metadata Status Has been chan...
Sublocation
City Boston
State / Province Massachusetts
Country United States
ISO Country Code US
GPS 42°21'58.201" N 71°3'15.367" W
Altitude -59.1 ft
Direction
Title
Caption OLYMPUS DIGITAL CAMERA
Date Time Original 7/24/2018 2:08:...
Date Time 8/6/2018 3:53:57 PM
Date Created 2018-07-24T14:08:46
Intellectual Genre
IPTC Scene Code
LAZ Parking
Promo Lacrosse
Rocco's Cucina & Bar
USO New England
USCG Base Boston
ABCD North End West End
Copp's Hill Burying Ground
North End Garage
MYSTRYDE
Ride North End
Battery Wharf Garage
Charter Street Park
Exhale Boston - Battery Wharf
Massimino's
Caffe Lil Italy
DeFilippo Playground
Waterfront Laundry and Dry Cleaner
Sarni Cleaners
All Saints Way
Old North Church
Theo's Cozy Corner
Eliot School
Injeanius
Boston Bottle
Philip's Salon
Captain Jackson's Historic Chocolate
Paul Revere Mall
Corner Cafe
Grocery Store
Secret Spa & Nail Salon
Regina Pizzeria
Paul Revere Statue
NICO
Il Molo
St. Stephen's Catholic Church
Parziale's Bakery
The Dogfather
Bova's Bakery
Trattoria di Monica
Cantina Italiana
Polcari Playground
Strega
Hanover Wine & Spirits
Prezza
Lo Conte's
La Galleria 33
St. Leonard's Church
Giacomo's
Callahan Tunnel Vent Building
La Famiglia Giorgio's
Rigoletto
L'Osteria
Florentine Cafe
Four Winds
Commercial Street
Hanover St
Salem St
Snow Hill St
Hull St
Charter St
Sheafe St
Cleveland Pl
Unity St
N Bennet St
Wiggin St
Harris St
Clark St
Battery St
Powers Ct
Murphy Ct
Thacher St
Prince St
Noyes Pl
N Margin St
Lynn St
Sumner Tunnel

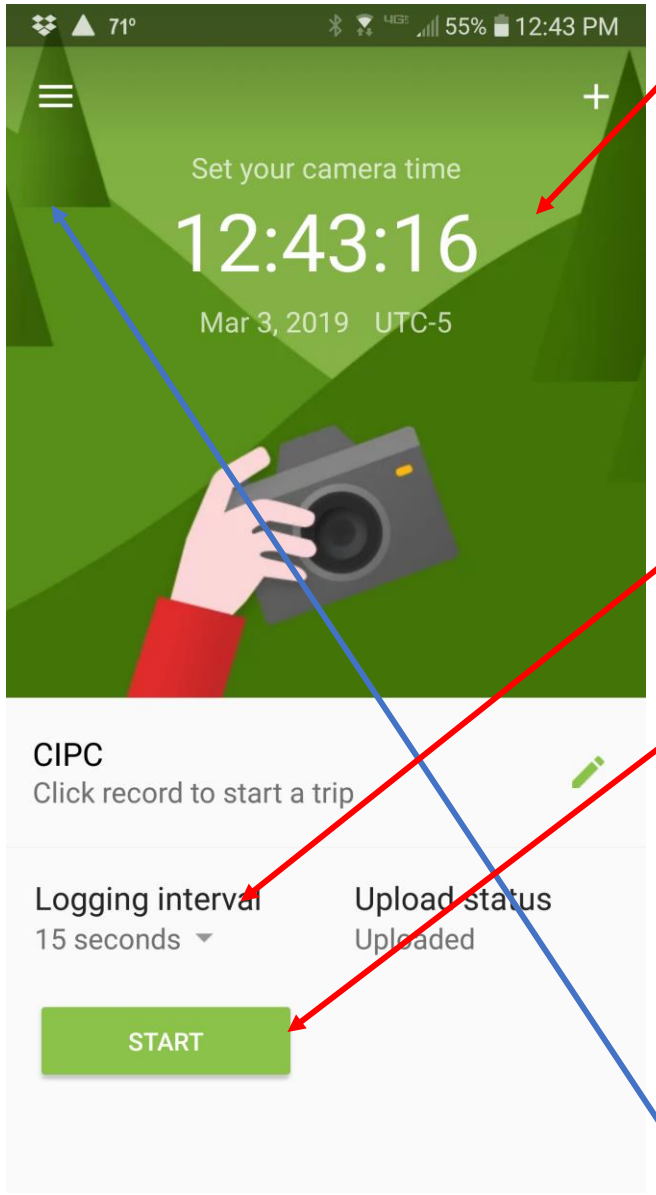


- Even when you export / email a JPG, the position data stays with it.
- Position data can be displayed from most phone, tablet or computer photo display applications
- Find options, select “Metadata” or “File Information” – depends on the display application
- Click on the small map which usually appears at the bottom left
- And up pops a map showing where the photo was taken! Even outside LR.

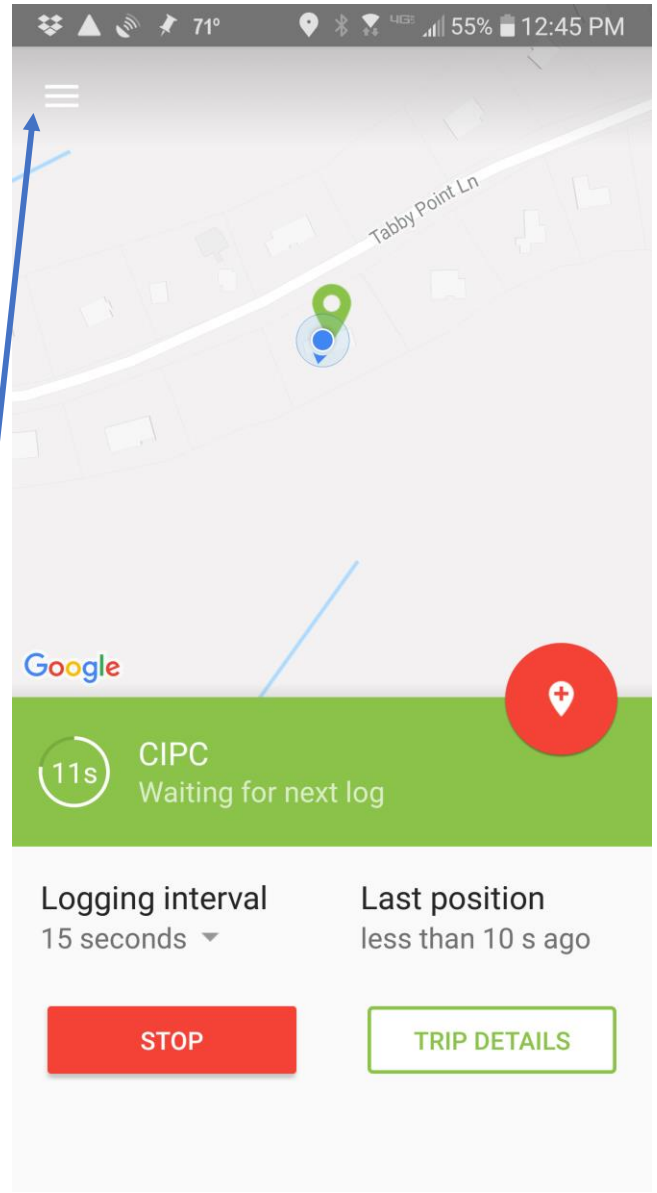


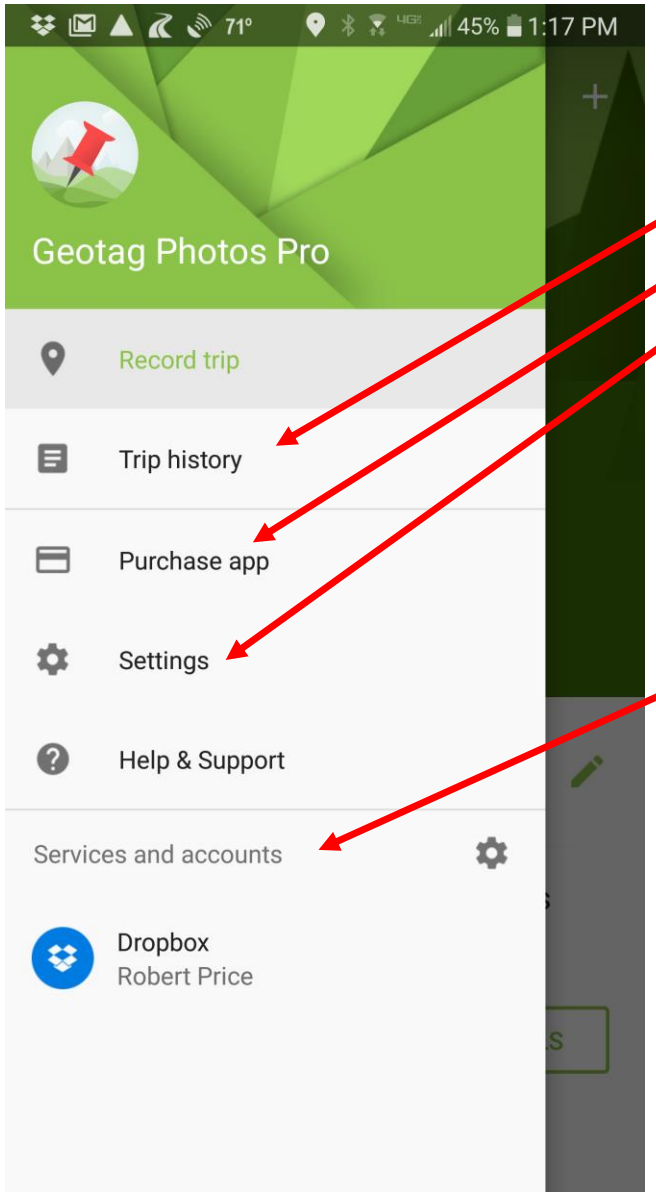
- OK – lets get setup. Believe me, its easy!
- Download and install Geotag Photos application for Android (PlayStore) or IOS
  - May also be called GeoTag Photos Pro or Geotag Photos 2.0 Welcome page should look like the image on the left
  - Follow prompts to setup app: **No need to setup a GeoTag account.**
  - After 3 trips, you'll need to purchase App for $14.99
- Before you start your trip, open Geotag app.
- Use + in upper right hand corner to Start Trip.
- Add meaningful Trip Name – general location, date, whatever naming convention you usually use for photos



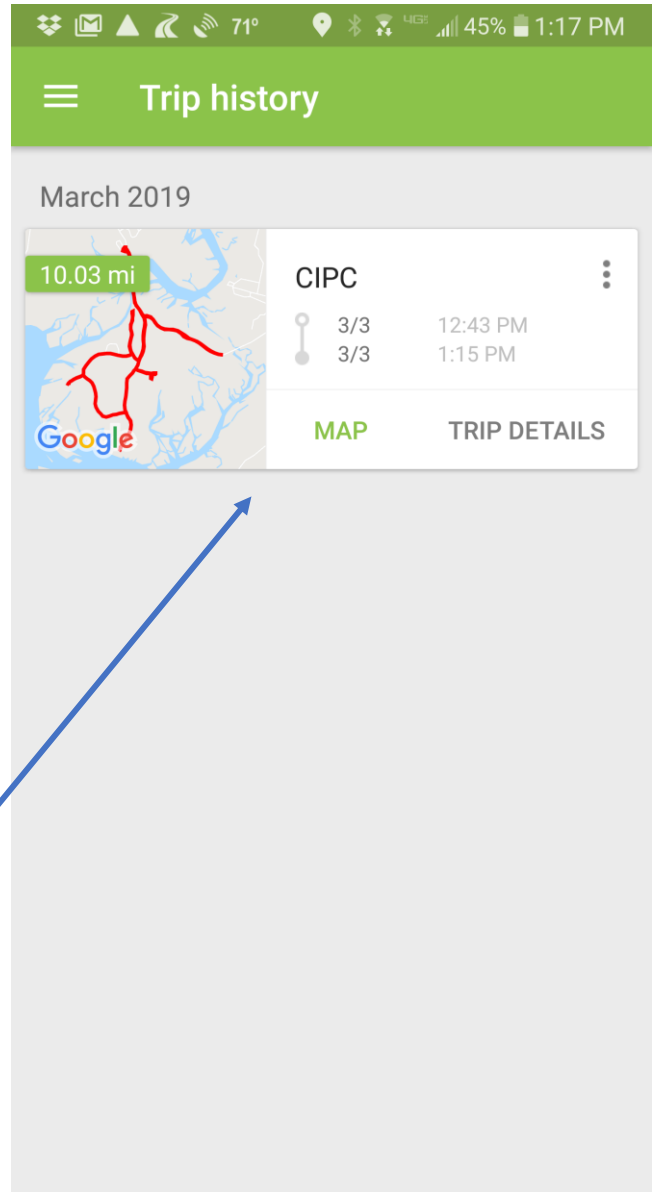


- Set time on your DSLR to time on your phone (EXACTLY) – GeoTag asks at start of every trip
  - If you are travelling to a different time zone, wait until you're "there" before you set the time in your camera. [LR can correct for time zone changes, but why create a problem just because it can be fixed].
  - LR will match time on your DSLR photo to GeoTrack location from your phone.
  - So if the Times don't match, the locations will be incorrect.
  - Then take a picture with your DSLR this page on your phone
- Logging interval of 30 seconds works well for most travel photography.
  - If you are in a car, train etc and exact location is changing rapidly, change to 10 – 15 seconds.
- Start. GeoTag will display a map of current location
- Leave GeoTag running GeoTag will continue recording time and location every "30" seconds.
  - If you are stationary, GeoTag will skip recording location to save space.No need to turn off GeoTag, even when asleep. It won't waste space if you aren't moving.
- Keep your phone charged. A portable external battery might be useful.
- Main Menu be accessed from upper left corner of most screens

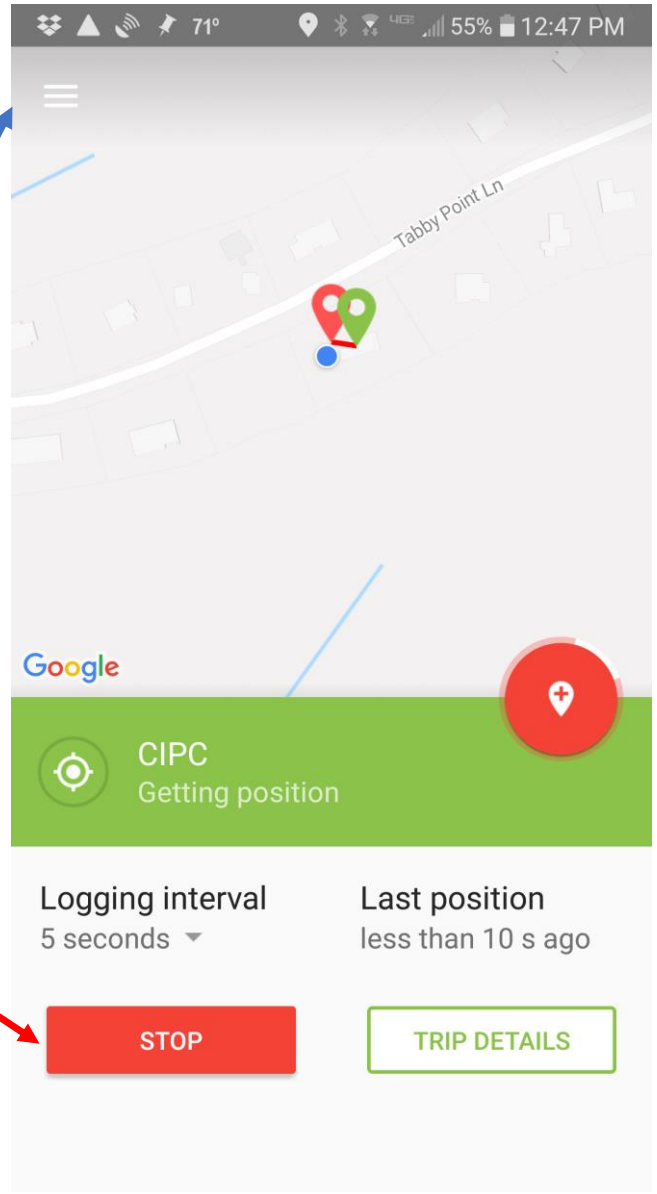


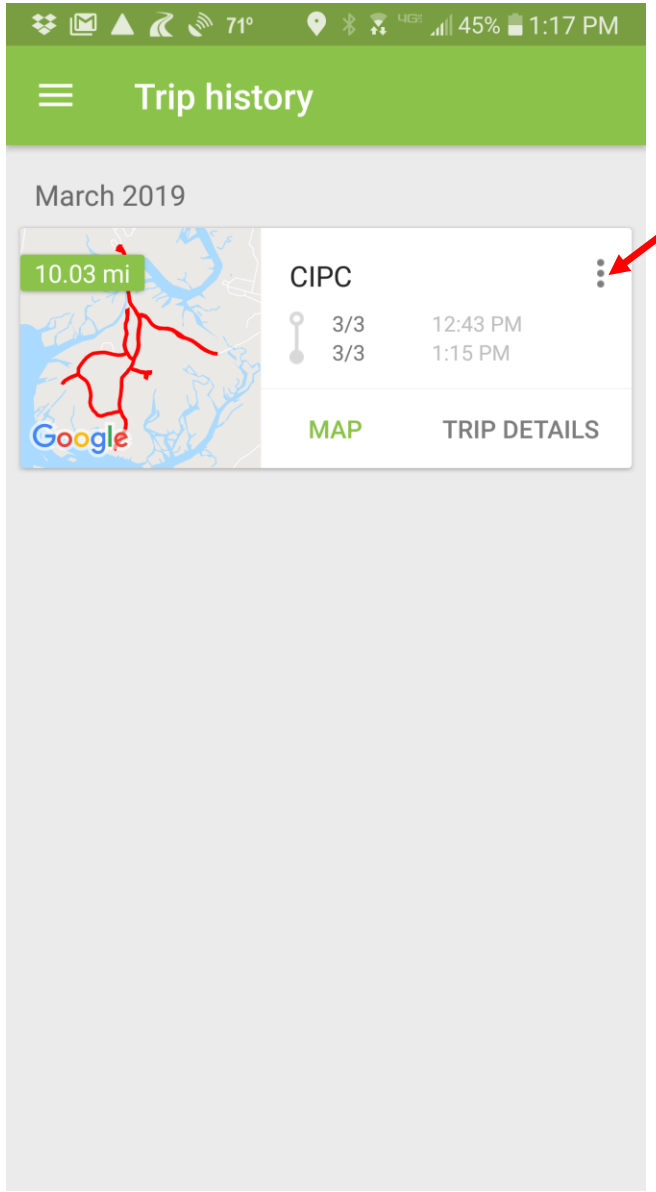


- While recording, the Main Menu can be used to access
  - Trip History
  - Purchase the app ($14)
  - Settings.
- There are a few settings which should be set the first time; will remain unchanged thereafter
  - Min Position change to 25 yds / meters. That's about as accurate as most phone GPSs are anyway. Especially outside US.
  - Automatic Trip Upload: WiFi only.
- If you have Dropbox or Google Drive setup on your phone and computer, use Service and Accounts to link to your account – otherwise don't bother.
- Trip history shows trip track currently recorded and trip parameters
  - Clicking on Map brings up a larger version
  - Clicking on Trip Details brings up more (largely useless) information
- Multiple (older) trips will also display, until you delete them



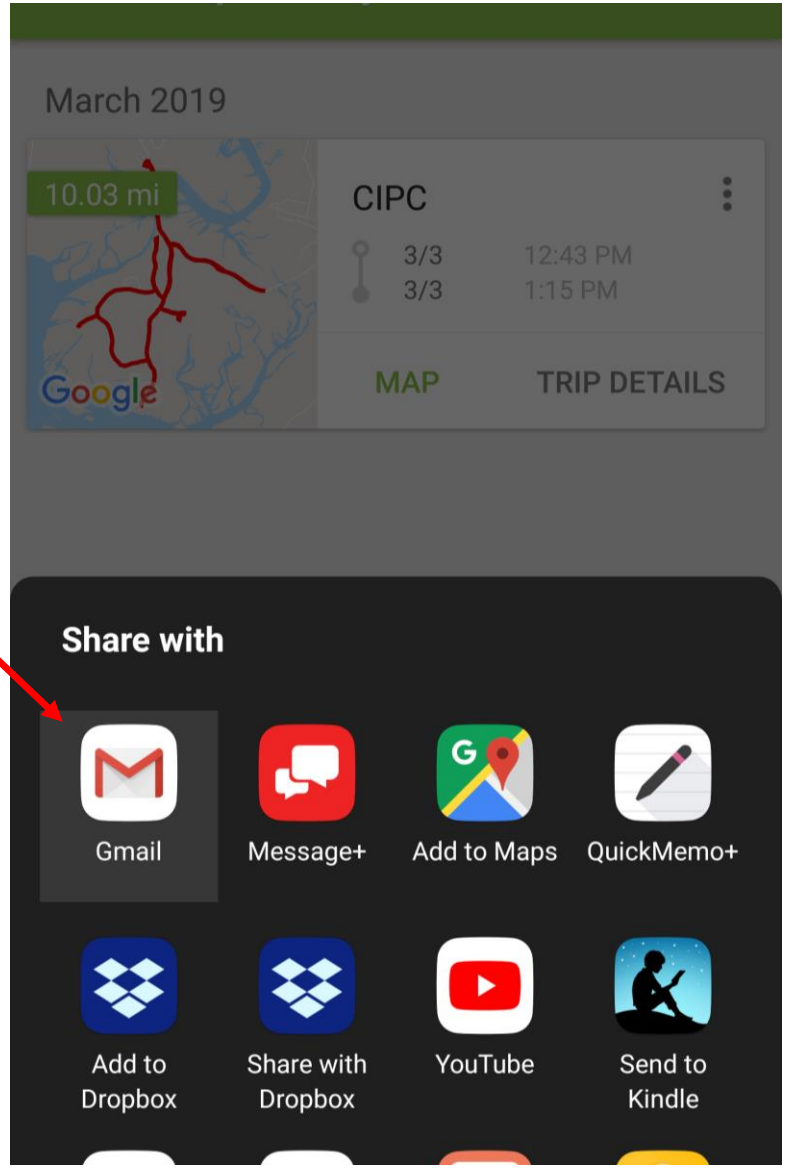
- Larger trip map
  - Can anyone guess where this trip was?
  - If you can't, you may be in the wrong meeting!
- When Trip is finished (or you want to split trip into segments), use menu in upper left corner to access Main Menu
- From Record Trip page,
  - Stop recording
  - Then "send" the TripLog to yourself by email (see next slide)
    - If you have Dropbox or Google Drive setup, it will transfer automatically.

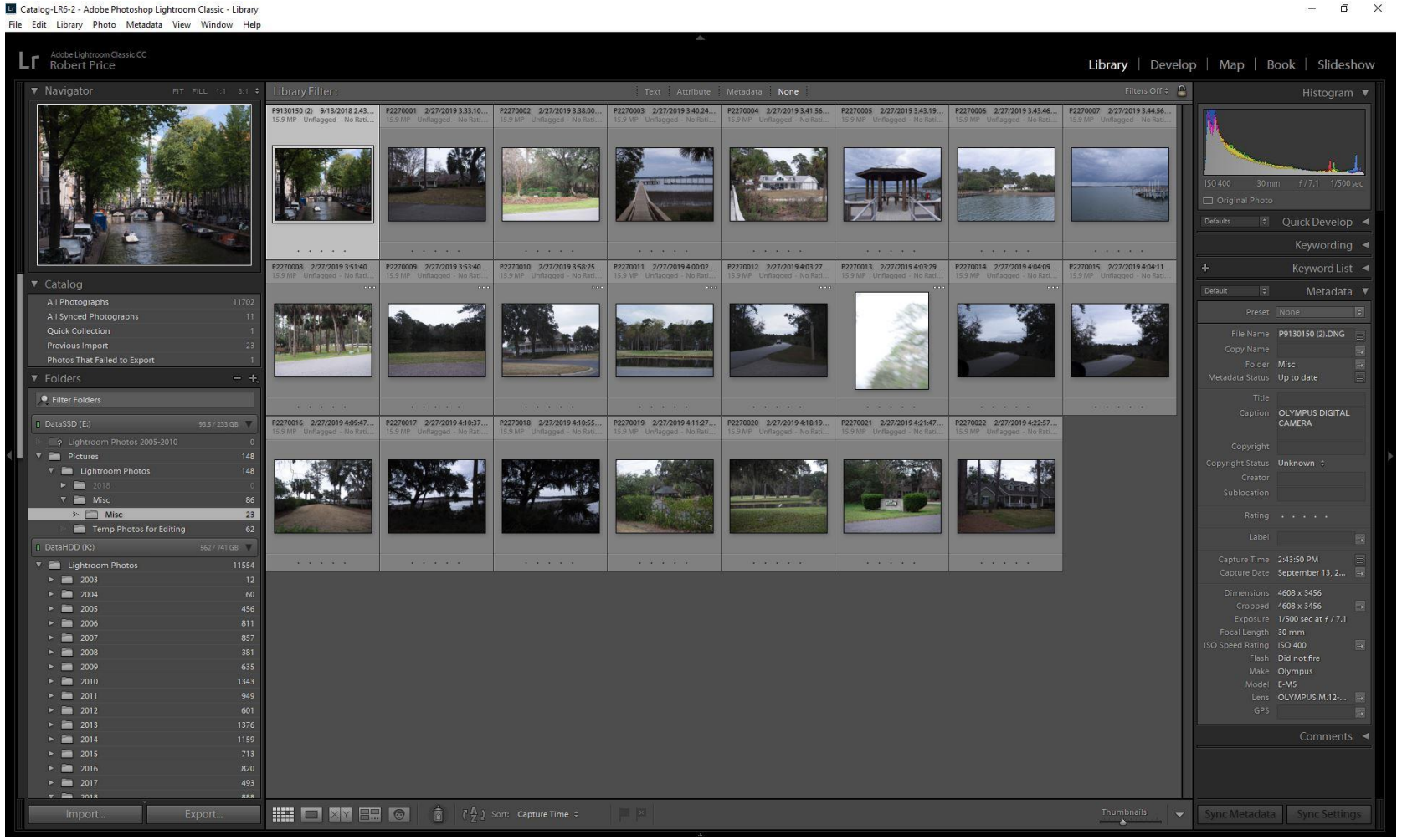




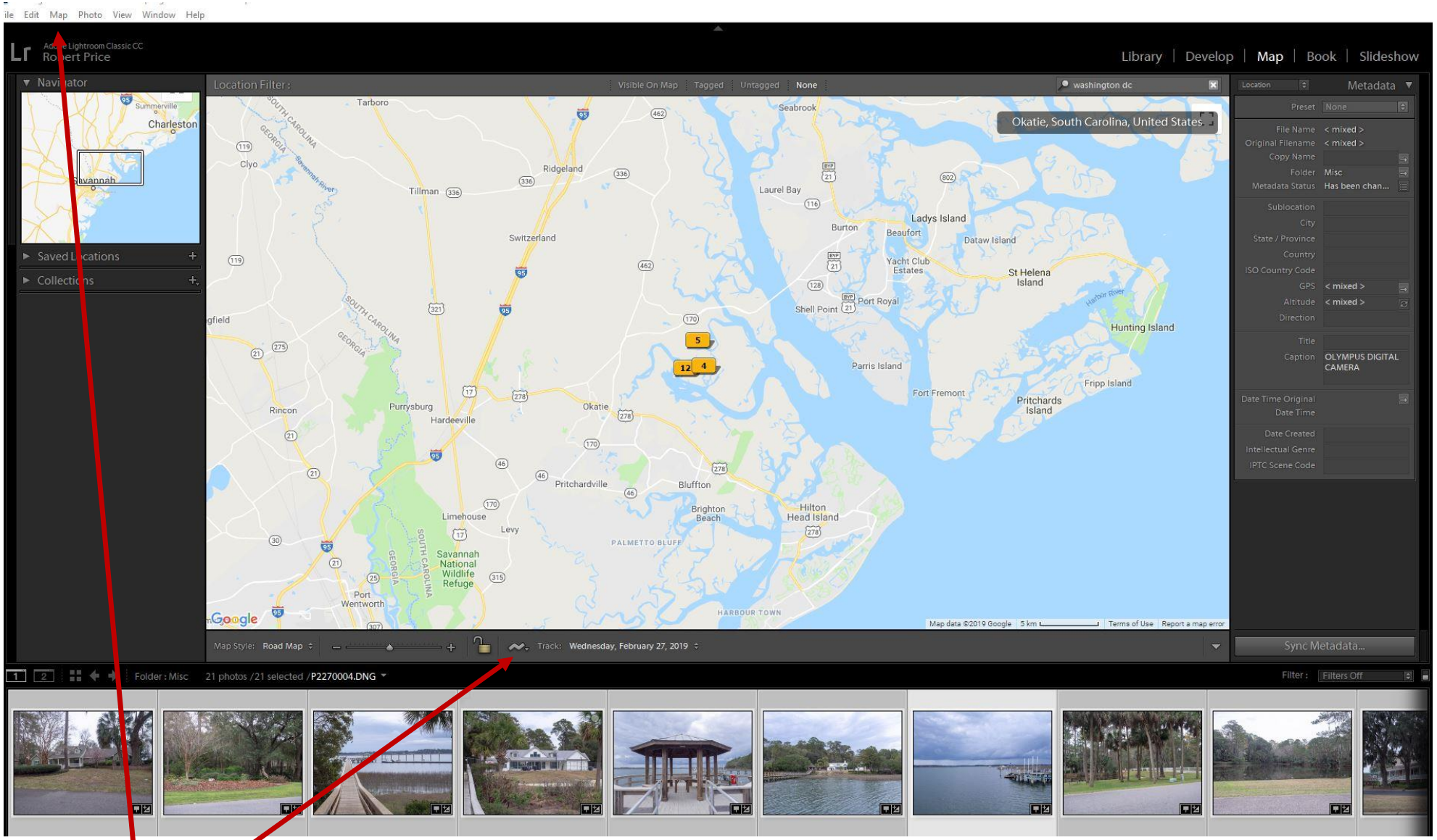
At the end of the trip

- Select Trip History from Main Menu
- From Trip History, use menu (3 dots) in trip box to
  - Email Trip Log to yourself
- You can also
  - Edit Trip Name, or
  - Delete Trip entirely (BUT don't do this until you get home and are sure you've received the Trip Log and imported it into LR successfully. There is no hurry to delete Trip Logs (they are small).

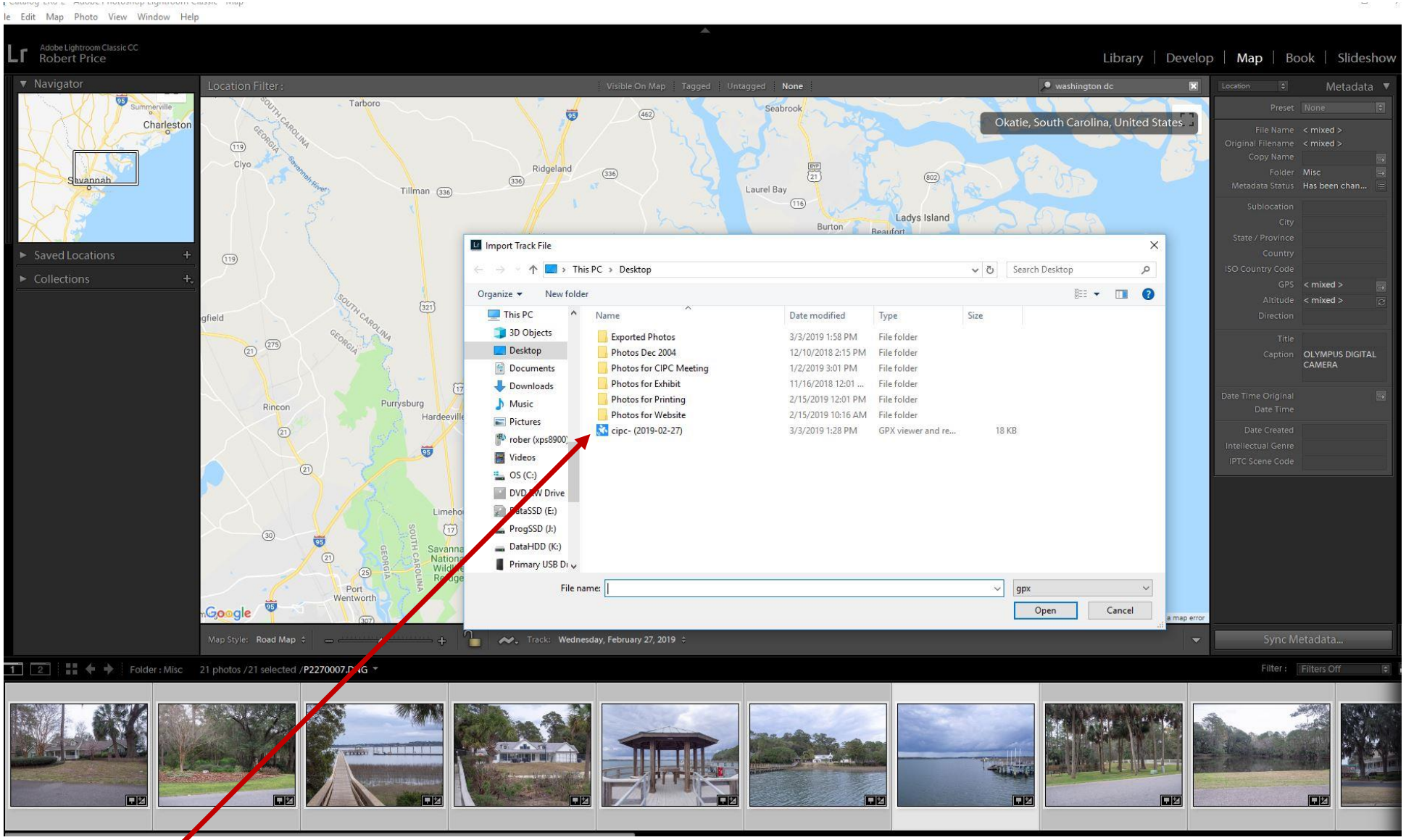




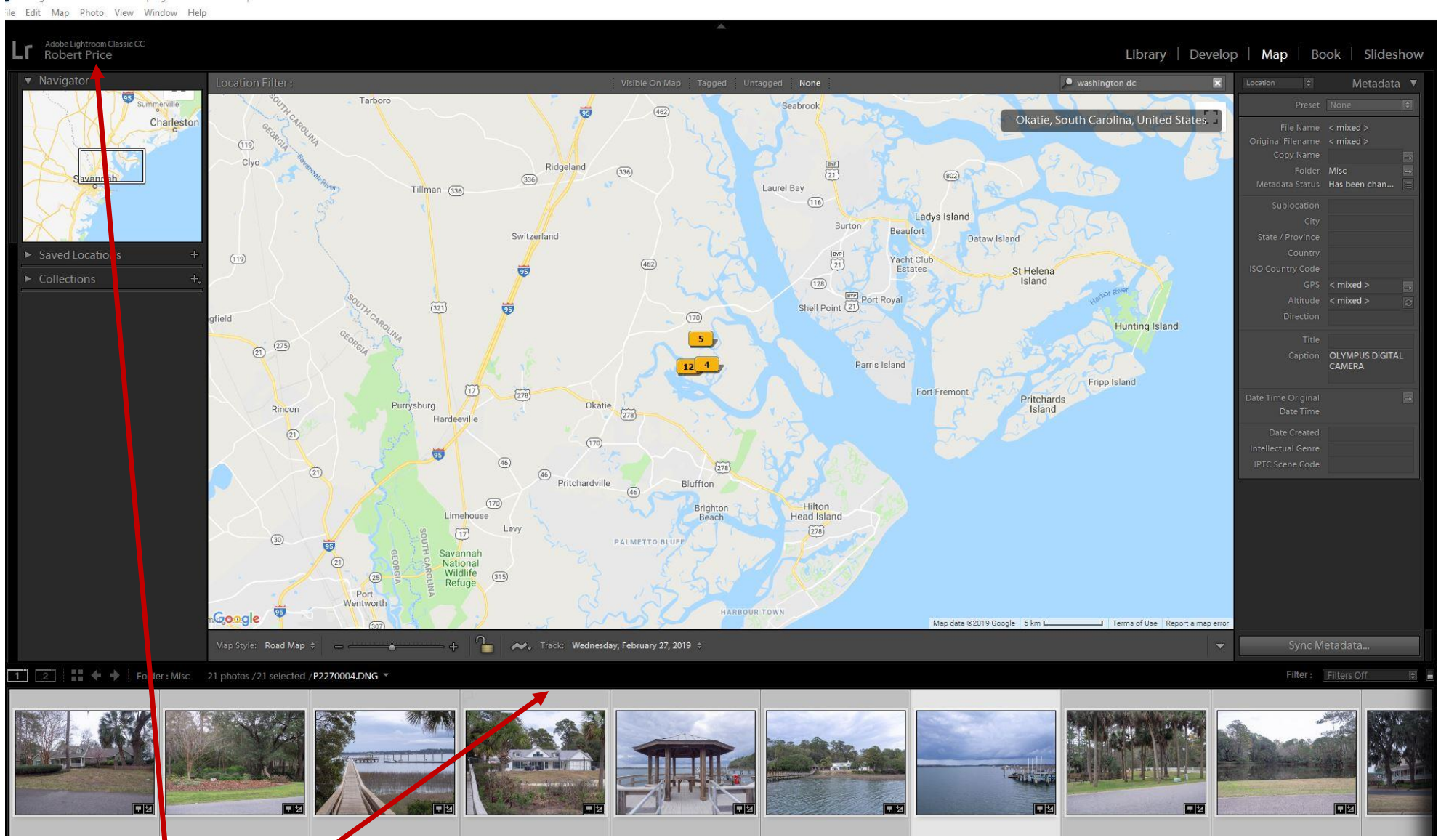
- When you get home, save Trip logs you emailed to yourself – to your desktop or somewhere else you can find them. Might be useful to setup a dedicated folder for GeoTag Trip Logs
- import photos from trip into LR as usual
- Before you do anything else, GeoTag them by
    - Selecting all trip photos in Library module
    - Go to Map module



In Map module, Open Tracking pulldown menu – either from top or center panel.



- From Tracking menu, Choose Load Tracklog (the same TripLog you emailed / saved earlier)
- Select Tracklog (or one of the tracklogs) from the trip and Open.
  - Trip log will load
  - Map will show Trip log location



- Select all photos in the filmstrip (CTL-A)
- Open Tracking pulldown menu again – either from top or center panel.
- Choose AutoTag Selected Photos from Tracking pulldown menu
- Your photos will appear on the map

You’re Done !