iPhone App Sizes

iPhone App (Data sampled May 2018)	Size (MB) WebP Rasters	Native Offline?	Size (MB) PNG Rasters
Mapbox Studio Preview	14.9		
NGA M.A.G.E.	17.5		
Amazon Prime Video	54.9		
Southwest Airlines	57.2		
Offline Lower Colorado River	**59.0**	**Offline**	101.6
Instagram	76.1		
Offline Mount Whitney	**80.6**	**Offline**	169.9
Schwab Mobile	92.7		
Delta Airlines	93.7		
Whats App	105.3		
Starbucks	116.3		
Offline Joshua Tree National Park	**123.5**	**Offline**	
Offline Yosemite National Park	**127.7**	**Offline**	236.7
United Airlines	133.5		
Offline San Bernardino National Forest	**139.7**	**Offline**	233.3
Bank of America	149.3		
Apple's cut off for downloading over LTE	**150**		
Facebook (Wi-Fi only)	305.4		

FOSS4G Stack
For making Offline Maps for Mobile

Klokantech— tools

- Mobile SDK extension for MBTiles

- `tileserver-gl` — locally serve vector and raster tiles

- MapTiler — Soft proof tiles

- OpenMapTiles.org

- OpenMapTiles.com

- GDAL in Docker

OSGEO — GDAL

Mapbox — storage, tools and specs

- mapbox.com/studio — storing tiles and Styling

- `mason` — build tool chain for Mobile SDK

- `tippecanoe` — GeoJSON to Vector Tiles

- `tile-join` — Joining Vector MBTiles

- Command Line Cartography (merge, join

- GL Style Specifications — GL Style, MBTiles, GeoJSON

google — Encoding

- WebP Raster compression

- `ProtoBuf` for encoding Mapbox Vector Tiles

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