

Fireline technology (phones and tablets)

- Mapping
 - Dropbox app- (free)- easy file sharing and cloud storage (photos, maps, etc.)
 - Avenza PDF viewer app- (free)
 - Android and Apple
 - Our current favorite
 - Area calculation
 - Points/lines/polygons
 - Geo-referencing photos
 - Interfaces with ArcMap and Google Earth
 - GPS Bluetooth and Wifi tethering
 - Tether (via Bluetooth) to tablets/phones in combination with Avenza or other GPS apps (must have maps on the tablet already)
 - GPS Apps
 - Gaia GPS app (\$20)
 - Excellent variety of background maps
 - Easy in/out data
 - Tracks/routes/polygons/points/photos
 - Can cache maps for offline, otherwise needs cell signal
 - GPS Kit pro
 - Similar to GAIA (\$10)
 - GPS Tracks
 - Similar to GAIA (\$8)
 - MotionX
 - Similar to GAIA
 - Google Earth app (free)
 - A bit clunky but 3D, requires cell signal
- Weather apps
 - Weather underground
 - Links to RAWS and private weather stations realtime. Super useful to see what's going on with the weather nearby.
 - NOAA Hi-Def Radar (\$2)- excellent resolution and a huge variety of information (clouds, lightning, wind speeds, etc)
- Weather sites (bookmark these, put them on your home screen into a folder to keep them at the ready with no searching)
 - NWS
 - RAWS
 - Spot forecast requests
- Tools (apps)
 - Compass (free)
 - Camera
 - Wildland Toolkit (\$6)
 - Fuel moisture calculation, probability of ignition
 - RH and dewpoints
 - Checklists
 - Fire behavior
 - Much more
 - Genius Scan+
 - Stop losing those fireline documents! Use genius scan to capture fireline notes into one collated .pdf document, can store on phone or transfer to dropbox, etc.
 - Adobe reader. Great app for digitally signing .pdf documents when you're on the road (free)
- Connections between phones
 - Near field communications via Bluetooth or other
 - Texting information (photos, information)
 - Cautionary tales regarding phones and fireline decisions (they aren't on the radio, so not everyone knows what's being discussed!)
- Over-reliance on technology
 - Battery issues
 - Airplane mode can extend your battery life dramatically
 - Having chargers everywhere (one in the truck, one in the engine, one in your pack, one everywhere...!)