



Digital Tools for Sea Kayaking

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“Use digital technology to prepare for a trip, not run one.”

This is a resources list for the 4 March 2019 SKABC presentation “Digital Tools for Sea Kayaking.”

Charts and Route Planning on the Web

- Always start with BCMTNA, our Marine Trail! <http://bcmarinetrails.org>
- Buy paper charts, scan them (using your phone!), edit, print, and write on them. \$\$\$ + PITA
- Buy Transport Canada’s marine Charts on DVD (2 volumes for all of BC): \$\$\$\$ + PITA
- Go to navionics.com: take screen shots of needed chart areas and print them for the specific areas you are visiting, and at the resolution you need. Plan your trip in Navionics, and save distances and azimuths for each route segment. Cheaper and Better!
- Go to Google Earth, and do almost the same.
- Remember Declination: <http://www.magnetic-declination.com> In BC, TRUE > MAGNETIC.

Tides and Current on the Web

- charts.gc.ca/publications/tables-eng.asp
- www.waterlevels.gc.ca/eng/find/region/1
- tides4fishing.com/ca/british-columbia

Weather on the Web

- Start by using what you are familiar with: accuweather.com, theweathernetwork.com, weather.gc.ca, and look (not more than 3-5 days out) for general trends, not specifics.
- The Marine forecast is critical: weather.gc.ca/marine/region_e.html?mapID=02
- Wind is the most important weather variable: en.allmetsat.com/marine-weather/vancouver-island.php?term=000 (visual forecasts up to 4 days ahead), windy.com, earth.nullschool.net/ (global wind visualization),
- NOAA Ocean Prediction Center: ocean.weather.gov/Pac_tab.shtml
- Pacific Synoptic: https://ocean.weather.gov/P_sfc_full_ocean_color.png

Resources for your Smart Phone App

- Charts and Navigation: Navionics, Earthmate (paired with InReach)
- Tides and Sea State: Tide Charts (Tides), Tides Near Me, Live Tides, Sea Status
- General Weather: Accuweather, Weather Channel, Underground
- Wind: Windy, Wind Alert, Nullschool Wind,

Other Portable Devices to Consider Owning

- Sports watches by Suunto, Garmin, Polar, Fitbit, Apple, and Tom Tom
- Handheld GPS by Garmin and Magellan
- Satellite tracking and signalling by SPOT and Garmin InReach
- Digital marine band radios by ICOM, Standard, Uniden, Cobra, West Marine
- Waterproof cameras by GoPro, Lumix, Olympus, Nikon

