

What you'll learn:

1) A better understanding of the how swell and waves are formed and how they affect watercraft. The lessons will focus on

- The Beaufort Scale
- Rebounding waves
- Refracting and diffracting waves
- Boomers
- Clapotis
- Storm Surge
- Seiche Waves
- Tsunami
- Surf

2) A better understanding of how to paddle in the ice. More specifically, you will learn

- The different types of ice
- The hazards caused by icebergs and glaciers

3) A better understanding of tides and currents, their origin and how they impact watercraft. The lessons will focus on

- Variables affecting the tides
- Types of currents
- Surface features of a current
- Paddling in currents
- Where to get information about tides and currents
- Calculating tide heights and times
- Rule of 12ths
- Rule of 50/90
- Doug and Mike's most excellent rule of 25%
- Calculating current speed, direction and times with maximum rates
- Calculating current speed, direction and times with percentage rates
- Calculating current speed, direction and times with interpolation
- Rule of Thirds
- Slack Water Rule

4) And much more...