



Marine Safety & Water Boating: Lesson 1



Survival in Alaska's Waters: Review Questions

1. On average how many people die each year in AK waters, and who mostly makes up this statistic?
2. What saves most people?
3. How much coastline does Alaska have in comparison to the rest of the Country?

4. List the good decisions and the bad decisions the duck hunters made:

Good	Bad

5. Name the 2 most critical pieces of gear when going boating:

6. How much faster does water rob the body of heat than air?

7. What's the body's first reaction to immersion in cold water?

8. What's the bodies second reaction to immersion in cold water?

9. In case of emergency, what the direct way to reach the Coast Guard with a cell phone?



Marine Safety & Cold Water Boating: Lesson 2

1. What are the 5 parts of pre-trip preparation?

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____



2. List required equipment:



3. What are the requirements for PFD's?

4. What does "inspecting" your PFD involve?

5. What is the most common powerboat problem?

6. What should you check to help avoid a problem?

7. What's the "Fuel Rule?"

8. What else should you check before departing?

9. What should a float plan include?



Preparation for Cold Water Boating

Preparing to survive a cold water boating accident starts before you even leaving your house.

Remember these two sayings the next time you are getting ready for your next outdoor excursion:

"Cotton Kills" and "Cotton is Rotten"

The following demonstration will help prove why cotton is a poor choice when it comes to clothing for any outdoor activity:

1. Working with a partner, obtain 1 scrap of synthetic clothing and one scrap of cotton
2. Using a digital scale, weigh each scrap and record in the following data table
3. Completely soak each scrap with water, wring out and record the "wet" weight in the data table
4. What is your initial observation about the weight of your scraps?
5. Fan your scraps for about 5 minutes and weigh again and record
6. Calculate the % change in weight for each type of fabric.
7. What can you conclude from this experiment and how it applies to dressing for the outdoors?

Fabric	Dry Weight		Wet Weight		Difference
Cotton					
Synthetic					

	Cotton	Synthetic
% Change		

