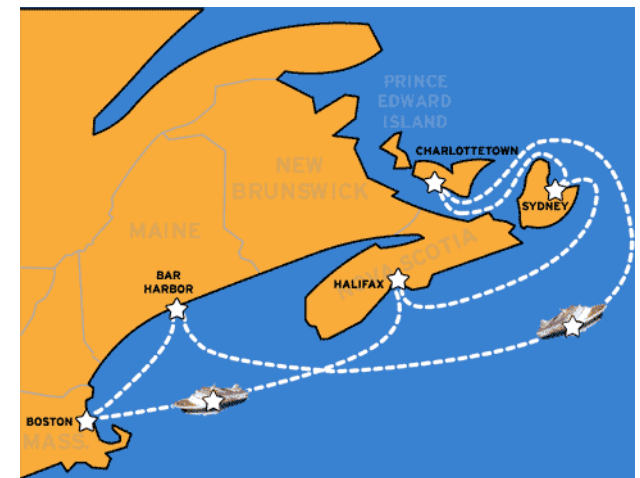


APHC Cruise Tide Predictions

Location and Date	Tide Level				Sun	
	<i>US tides in Eastern Time</i>					
	<i>Canadian tides in Atlantic Time</i>					
	High	Low	High	Low	Rise	Set
Boston Sat., Aug. 20 th		6:09 AM -1.3 feet	12:21 PM 10 feet	6:24 PM 0.7 feet	5:56 AM	7:39 PM
Bar Harbor Sun., Aug. 21 st	12:07 AM 13.2 feet	6:28 AM 1.6 feet	12:39 PM 12.3 feet	6:48 PM -1.0 feet	5:43 AM	7:28 PM
At Sea Mon., Aug. 22 nd	<i>At sea, tide only ranges a couple feet...the effect on our ship will be negligible</i>				6:24 AM	7:58 PM
Charlottetown Tues., Aug. 23 rd	2:22 AM 8.9 feet	8:23 AM 2.3 feet	2:29 PM 9.5 feet	8:44 PM 2.0 feet	6:21 AM	8:09 PM
Sydney Wed., Aug. 24 th	12:08 AM 3.6 feet	6:12 AM 0.7 feet	12:28 PM 3.9 feet	6:37 PM 1.0 feet	6:10 AM	7:54 PM
Halifax Thu., Aug. 25 th	12:39 AM 5.2 feet	7:29 AM 1.3 feet	12:59 PM 5.9 feet	8:18 PM 1.0 feet	6:28 AM	8:04 PM
At Sea Fri., Aug. 26 th	<i>At sea, tide only ranges a couple feet...the effect on our ship will be negligible</i>				6:29 AM	7:29 PM
Boston Sat., Aug. 27 th	6:09 AM 8.2 feet	12:05 PM 1.5 feet	6:24 PM 9.1 feet		6:04 AM	7:27 PM

NATURAL HISTORY OF THE NORTHWEST ATLANTIC

SUNRISE AND SUNSET; TIDE TABLE; AND A CHECKLIST TO THE FISH, MARINE MAMMALS & SEA BIRDS



checklist and tide table prepared by
 Rich MacDonald & Natalie Springuel
 285 Knox Road
 Bar Harbor, Maine 04609

prepared for
**A PRAIRIE HOME
 COMPANION CRUISE**
AUGUST 20-27, 2005

This checklist presents some of the more commonly observed wildlife from across the Gulf of Maine and the northwest Atlantic Ocean.

FISH

- Basking Shark (*Cetorhinus maximus*)
- Ocean Sunfish (*Mola mola*)
- Atlantic Bluefin Tuna (*Thunnus thynnus*)
- Swordfish (*Xiphias gladius*)

TURTLES

- Leatherback Turtle (*Dermochelys coriacea*)

SEABIRDS

- Common Eider (*Somateria mollissima*)
- Surf Scoter (*Melanitta perspicillata*)
- White-winged Scoter (*Melanitta fusca*)
- Black Scoter (*Melanitta nigra*)
- Long-tailed Duck (*Clangula hyemalis*)
- Common Loon (*Gavia immer*)
- Northern Fulmar (*Fulmarus glacialis*)
- Cory's Shearwater (*Calonectris diomedea*)
- Greater Shearwater (*Puffinus gravis*)
- Sooty Shearwater (*Puffinus griseus*)
- Manx Shearwater (*Puffinus puffinus*)
- Wilson's Storm-Petrel (*Oceanites oceanicus*)
- Leach's Storm-Petrel (*Oceanodroma leucorhoa*)
- Northern Gannet (*Morus bassanus*)
- Double-crested Cormorant (*Phalacrocorax auritus*)
- Great Cormorant (*Phalacrocorax carbo*)
- Great Blue Heron (*Ardea herodias*)
- Osprey (*Pandion haliaetus*)
- Bald Eagle (*Haliaeetus leucocephalus*)

- Peregrine Falcon (*Falco peregrinus*)
- Piping Plover (*Charadrius melodus*)
- American Oystercatcher (*Haematopus palliatus*)
- Greater Yellowlegs (*Tringa melanoleuca*)
- Ruddy Turnstone (*Arenaria interpres*)
- Semipalmated Sandpiper (*Calidris pusilla*)
- Red-necked Phalarope (*Phalaropus lobatus*)
- Red Phalarope (*Phalaropus fulicaria*)
- Great Skua (*Stercorarius skua*)
- South Polar Skua (*Stercorarius maccormicki*)
- Pomarine Jaeger (*Stercorarius pomarinus*)
- Parasitic Jaeger (*Stercorarius parasiticus*)
- Long-tailed Jaeger (*Stercorarius longicaudus*)
- Laughing Gull (*Larus atricilla*)
- Herring Gull (*Larus argentatus*)
- Great Black-backed Gull (*Larus marinus*)
- Black-legged Kittiwake (*Rissa tridactyla*)
- Roseate Tern (*Sterna dougallii*)
- Common Tern (*Sterna hirundo*)
- Arctic Tern (*Sterna paradiaea*)
- Least Tern (*Sterna antillarum*)
- Black Skimmer (*Rynchops niger*)
- Common Murre (*Uria aalge*)
- Thick-billed Murre (*Uria lomvia*)
- Razorbill (*Alca torda*)
- Black Guillemot (*Cepphus grylle*)
- Atlantic Puffin (*Fratercula arctica*)
- _____
- _____

MARINE MAMMALS – BALEEN WHALES

- Minke Whale (*Balaenoptera acutorostrata*)
- Sei Whale (*Balaenoptera borealis*)
- Blue Whale (*Balaenoptera musculus*)
- Fin Whale (*Balaenoptera physalus*)
- Humpback Whale (*Balaenoptera novaeangliae*)
- North Atlantic Right Whale (*Eubalaena glacialis*)

MARINE MAMMALS – TOOTHED WHALES

- Long-finned Pilot Whale (*Gloicephala melas*)
- Atlantic White-sided Dolphin (*Lagenorhynchus acutus*)
- Killer Whale (*Orcinus orca*)
- Beluga (*Delphinapterus leucas*)
- Harbor Porpoise (*Phocaena phocaena*)
- Sperm Whale (*Physeter macrocephalus*)

MARINE MAMMALS – PINNIPEDS

- Gray Seal (*Halichoerus grypus*)
- Harp Seal (*Phoca groenlandica*)
- Harbor Seal (*Phoca vitulina*)

NOTES
