

“Time and Tides for Planning Events” Lesson Plan 15

Using the websites, <http://maineboats.us harbors.com/monthly-tides/maine-Downeast/Jonesport> or <http://tides.mobilegeographics.com/locations/6164.html> , find out if the following events can be scheduled on the date and time listed:

1. The Peabody Wedding is to take place on Sandy River Beach in Jonesport in May. The family would like to have more beach available after the wedding is over for games and a cookout, so they want to get married at high tide and plan festivities afterward. Is there an opportunity on a Saturday in May for this event? When is high tide on that day?
2. A barge is scheduled to leave the Beals Island Marina on Great Wass Island with a load of lumber and supplies for the repair of the Moosepeake Lighthouse on a Monday in April. In order to get close enough to the marina, load the supplies to the barge, get to Moosepeake Light and off load the supplies, high tide needs to occur at about 7:00 a.m. on that day. Is there a day that will work?

In the coastal town where you live Or in the coastal town located closest to your town, supply a date and time that the following events could occur:

3. One of the boatyards will finish a sailboat this spring. Due to the height of the mast, the boat must be sailed under the bridge on a low daylight tide in the last week of March. Is there a time available for this event to occur in March?
4. On a Wednesday in May, getting out to a wind turbine for routine maintenance. You must have at least mid tide levels of water to leave and return to the town dock:
5. Find a low tide on a Thursday in April that you could check to see if a weather station is drifting to close to a rocky shoal. (You can leave the dock at any time during the tidal cycle in this scenario)
6. Choose any 2 of the following possibilities or make up 2 of your own and then supply a day and time that the scenario could take place: fixing a mooring, fixing a pier, painting a boat bottom after haul out, hauling traps at low tide, clamming on an island somewhere, spending the night on a boat, launching a new boat