

A method for obtaining Graphical Tide and Current Information from the Internet.

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This is the method I have used for years to consolidate Tide and Current information for kayak trips I am planning.

Start at: <http://tbone.biol.sc.edu/tide/index.html> (I normally refer to this site as the “T-Bone” site.)

You then pick the area you are interested in. For most of us that would be:

“U.S. West Coast (North to South)”

NOTE: the “Pick from World map sites” used to be excellent but something happened a couple years ago and it no longer works (for me at least).

Once you are at the U.S. West Coast site you are presented with a list of sites (both tidal height and current). They are listed geographically from north to south, starting at Blaine/Semiahmoo and going clear down thru California. All sites are tidal height sites except those with the word “current” after them.

If you know the name of the site you are interested in but don’t see it on the list then just Ctrl-F and type in the name. It will be highlighted on the list. If you are not sure that the location you are going to click on is really the place you want, you can click on the “(map)” icon just in front of each site on the list. This will bring up that particular location in google maps. You may have to zoom out to really see its relative location.

Once you have clicked on the site you are interested in you will be taken to a page as shown below. I chose: “Hale Passage, 0.5 mile SE of Lummi Point, Washington Current”. The information defaults to the current day plus the following day and is shown as a tabular list.

WWW Tide and Current Predictor

30 Dec 2010: If you are using a mobile device, try the [simplified site](#).
30 Oct 2010: You may wish to try the new [World Site Selection Map](#).

[Pick a different site](#) | [Frequently Asked Questions](#)

Web interface by Dean Putschoff, calculations and graphics by David Filzer's [XTide Program](#)

NOT FOR NAVIGATION. This program is furnished in the hope that it will be useful, but WITHOUT ANY WARRANTY, without even the implied warranty of merchantability or fitness for a particular purpose. Do not use this program as a basis for any decisions that could result in harm to people, other organisms, or property. Check these predictions against officially sanctioned tables. Agencies like NOAA exist because there is a need for certifiably correct tide predictions. Do not rely on these predictions if you need guaranteed results. There is NO WAY we can get certified data on a zero budget. We rely on users like you to tell us when something is wrong. Please continue to do so.
Remember that weather conditions affect tidal ranges and current speeds, sometimes very strongly.

Hale Passage, 0.5 mile SE of Lummi Point, Washington Current

22 September 2014 - 24 September 2014

48.7313° N, 122.6778° W
Flood direction 350° true
Ebb direction 145° true

2014-09-22	02:17 PDT	0.71 knots	Max Flood
2014-09-22	05:07 PDT	-0.00 knots	Slack, Ebb Begins
2014-09-22	05:26 PDT		Moonrise
2014-09-22	06:57 PDT		Sunrise
2014-09-22	08:32 PDT	-0.95 knots	Max Ebb
2014-09-22	11:26 PDT	0.00 knots	Slack, Flood Begins
2014-09-22	14:31 PDT	1.35 knots	Max Flood
2014-09-22	18:04 PDT	-0.00 knots	Slack, Ebb Begins
2014-09-22	18:21 PDT		Moonset
2014-09-22	19:08 PDT		Sunset
2014-09-22	21:10 PDT	-1.02 knots	Max Ebb
2014-09-23	00:09 PDT	0.00 knots	Slack, Flood Begins
2014-09-23	02:49 PDT	0.96 knots	Max Flood
2014-09-23	06:00 PDT	-0.00 knots	Slack, Ebb Begins
2014-09-23	06:28 PDT		Moonrise
2014-09-23	06:58 PDT		Sunrise
2014-09-23	09:15 PDT	-0.96 knots	Max Ebb
2014-09-23	12:03 PDT	0.00 knots	Slack, Flood Begins
2014-09-23	14:59 PDT	1.39 knots	Max Flood
2014-09-23	18:27 PDT	-0.00 knots	Slack, Ebb Begins
2014-09-23	18:46 PDT		Moonset
2014-09-23	19:06 PDT		Sunset
2014-09-23	21:41 PDT	-1.12 knots	Max Ebb
2014-09-23	23:13 PDT		New Moon

[Make Prediction Using Options](#)

Prediction Options

Select a [different site](#)

Select display type

- Tabular List (quickest)
- Text Plot (Plot Type: Horizontal Vertical) (more plot options below)
- Graphic Plot: size by pixels (more plot options below)
- One-Month Calendar (Type: Compact Compact+ Calendar Text)
- Extreme Highest and Lowest Tides Only
- Strict Intervals (Interval Time:)

Select presentation options

- Length of time to display (ignored by One-Month Calendars)
- Change text size (only for browsers supporting font size changes)

Select tide height units: meters feet default

- Suppress credits and warnings on top of page
- Suppress sunrise/sunset and lunar information
- Printer-friendly bare output (Force plot to B&W lines)
- Show site information from database
- Show the URL that would recreate this prediction

Starting time and time display options

Standard time range:

Start at: at :

- Local timezone: [America/Los_Angeles] (automatic daylight saving correction)
- UTC (also known as GMT or Zulu time)

Distant dates ([See notes](#). Available only for **boldface** sitemames; type in a year 1700-2100; timezone forced to UTC):

Start at: at :

Hour format: 24-hour time am/pm time

- Show day of week

If you want to modify the days shown or how it is shown, the options are listed below under "Prediction Options".

I like to use Graphic Plot and I will usually change the size to be a little larger if I am planning on showing more than one or two days. 960 wide by 320 high works pretty good for me. Below that, you can select how many days you want to show. Although it has options for more than a week anything over one week is really squished and hard to read. You can then choose to suppress or include the sunrise/sunset and lunar information. I sometimes suppress it and sometimes include it. Below that is the date for the first day you are interested in. Finally I like to include the "Show day of week". Everything else I leave as-is. Then click on the button "Make Prediction Using Options" and the output is as shown below.

WWW Tide and Current Predictor

30 Dec 2010: If you are using a mobile device, try the [simplified site](#).
30 Oct 2010: You may wish to try the new [World Site Selection Menu](#).

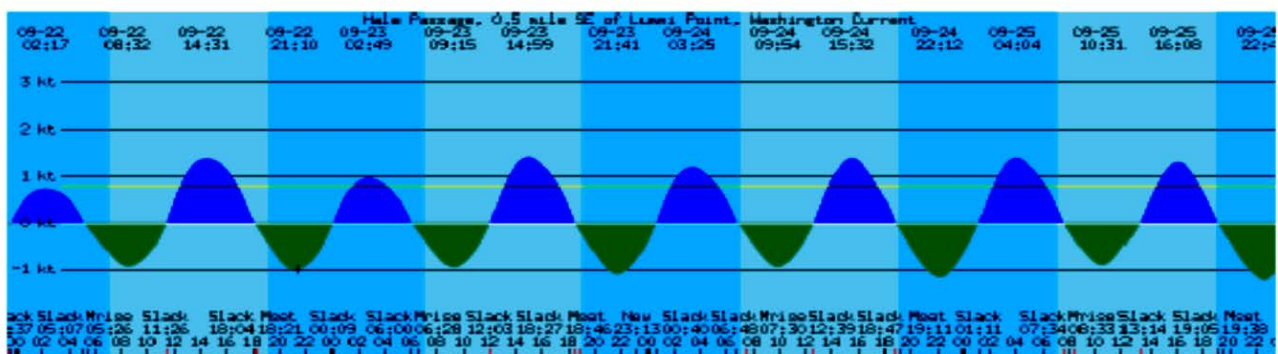
[Pick a different site](#) | [Frequently Asked Questions](#)

Web interface by Dean Forestell, calculations and graphics by David Hater's [NTide Program](#).

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Remember that weather conditions affect tidal ranges and current speeds, sometimes very strongly.

Hale Passage, 0.5 mile SE of Lummi Point, Washington Current

22 September 2014 – 26 September 2014



Colors under the curve indicate ebb and flood currents

Prediction Options

Select a [different site](#)

Select display type

- Tabular List (quickest)
- Text Plot (Plot Type: Horizontal Vertical) (more plot options below)
- Graphic Plot: size 960 by 320 pixels (more plot options below)
- One-Month Calendar (Type: Compact Compact+ Calendar Text)
- Extreme Highest and Lowest Tides Only
- Strict Intervals (Interval Time: 1 minute)

Select presentation options

4 days | Length of time to display (ignored by One-Month Calendars)
+0 | Change text size (only for browsers supporting font size changes)

Select tide height units: meters feet default

- Suppress credits and warnings on top of page
- Suppress sunrise/sunset and lunar information
- Printer-friendly bare output (Force plot to B&W lines)
- Show site information from database
- Show the URL that would recreate this prediction

Starting time and time display options

Standard time range:

Start at: 2014 Sep 22 at 00:01

- Local timezone: [America/Los_Angeles] (automatic daylight saving correction)
- UTC (also known as GMT or Zulu time)

Distant dates (See notes. Available only for boldface sitenames; type in a year 1700-2100; tzname forced to UTC):

Start at: Jan 01 at 00:00

Hour format: 24-hour time am/pm time

Show day of week

You could print this as is but I normally put my cursor on the graph, right click, select “copy image” from the pop up menu. I then go to a blank Word document and click on “Paste”. The graph shows up in the Word document which I can save or add to as I wish. Many times I include the tabular data above or below the graph. The tabular data can be transferred from the T-bone site by highlighting, right clicking, selecting “copy” and then pasting into the Word document.