

## Example Trip Planner

Drawing the directions of swell, tide, and wind will give you an easy to reference visual, as well as highlighting any wind against tide issues that may occur (we had a choppy day!). This planner can be easily stored in you map case for reference whilst on the water.

Draw a sketch of the planned journey

Enter the tidal port. and from tide tables enter the appropriate tide times

Reeds Small Craft Almanac good source. Remember to adjust for BST!

HW N. Shields is 0401 and the NW flow starts at +0330 NW N. Shields. Therefore this will be at around 0731. Using the 50/90 rule we can work out is rate when we expect to be on the water. 0730 = 0%, 0830 = 50%, 0930 = 90% 1030=100% etc. Continue to enter the appropriate values.

Sea Kayak Journey Planner Date 5th June 2016

Port of Ref:	Time	BST?	50/90 Rule - Tide stream speed						120	V. Big Sp			
N. Shields	0301 HW	0401	0 1 2 3 4 5 6						95	Mean Sp			
	0928 LW	1028							70	Average			
	1522 HW	1622							45	Mean Neap			
	2151 LW	2251							20	V. Small Np			
Time (HH:MM)	10:30	11:30	12:30	13:30	14:00	15:00							
Place	S. Landing	N. Landing		Brempton	N. Landing	S. Landing							
Wind													
Bft	3	3	3	3	3	3							
Waves													
Height	1m	2m											
Period													
Tide													
%	Kts	100	2KE	90	1.8	50	1	0	-	0	-	50	1

Enter tidal stream info from chart/ guidebook etc

Draw line of tidal coefficient to see if springs neaps etc (Reeds Small Craft Almanac)

For info enter local HW/LW

The wind direction and speed can be found on various weather websites Met office, BBC, XCweather, Wind Guru, Magic Seaweed etc. Magic Seaweed is also a good source of swell (incl. Secondary and even any tertiary swells)

At 1622 - 0220 the flow starts to head in a SE direction. This will therefore be at around 14:02. Enter the flow on the planner using the 50/90 rule. In this case, the planner also shows you that between 13:30 and 14:00 a period of slack water will occur.

### Websites

[magicseaweed.com](http://magicseaweed.com)  
<http://www.xcweather.co.uk/>  
<http://www.windguru.cz/>  
<http://www.bbc.co.uk/weather/>  
<http://www.metoffice.gov.uk/public/weather/forecast>  
[www.admiralty.co.uk/charts/leisure-charts](http://www.admiralty.co.uk/charts/leisure-charts)  
<https://webapp.navionics.com>

### Books

Reeds PBO Small Craft Almanac 2016 (Reed's Almanac)