



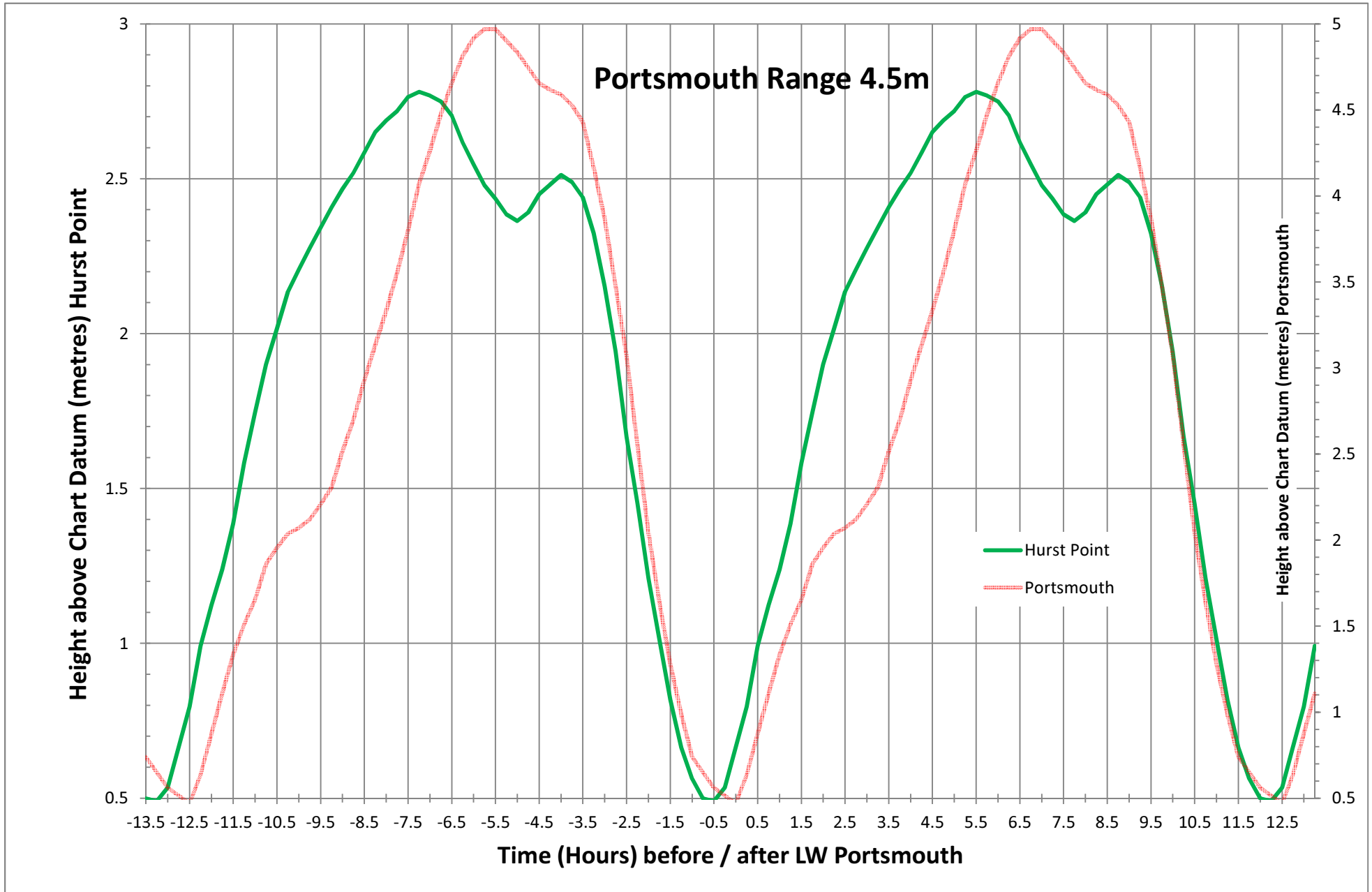
# Hurst Point Perpetual Tidal Curves

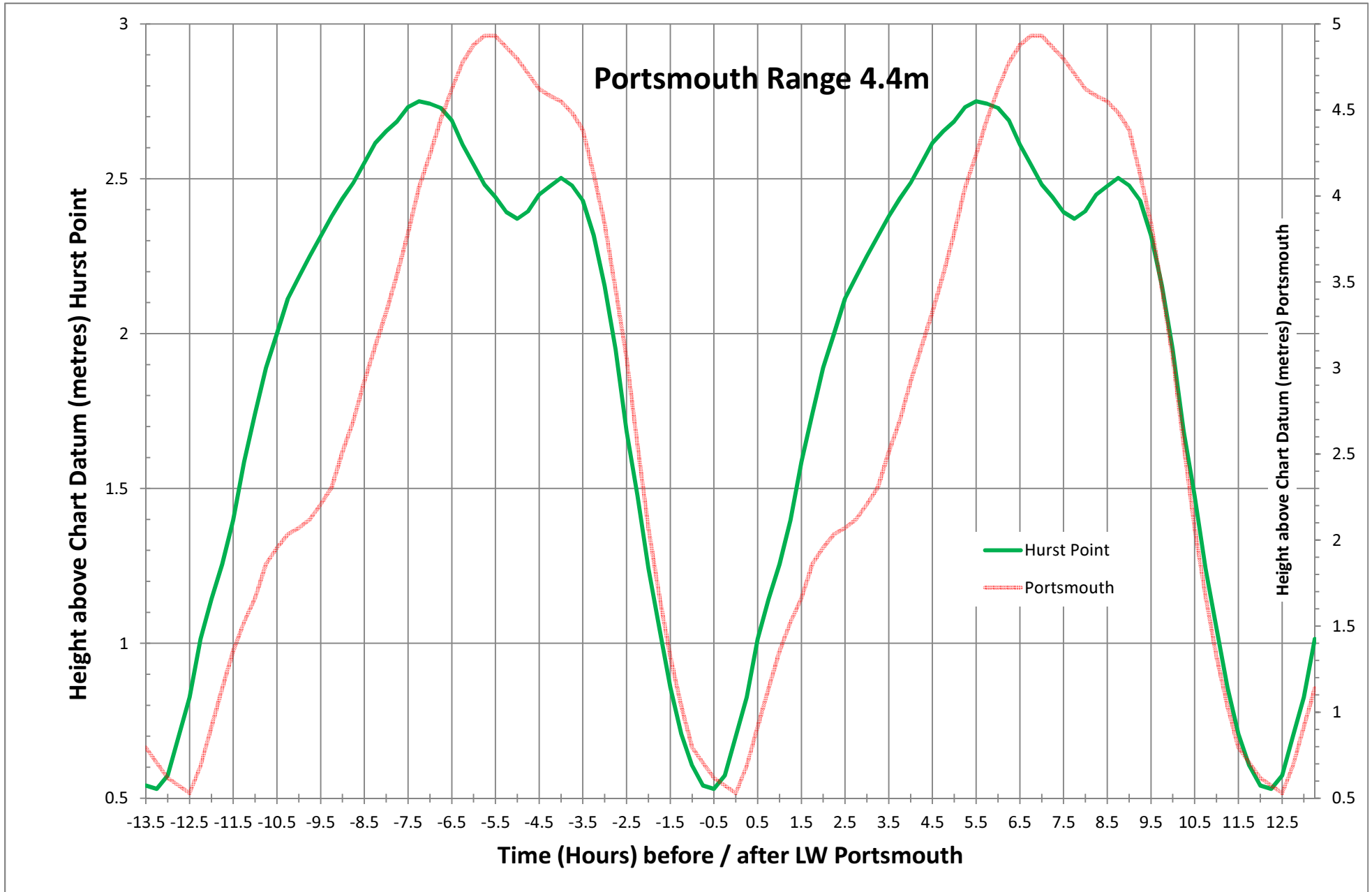
For use in conjunction with  
Portsmouth Tide Tables

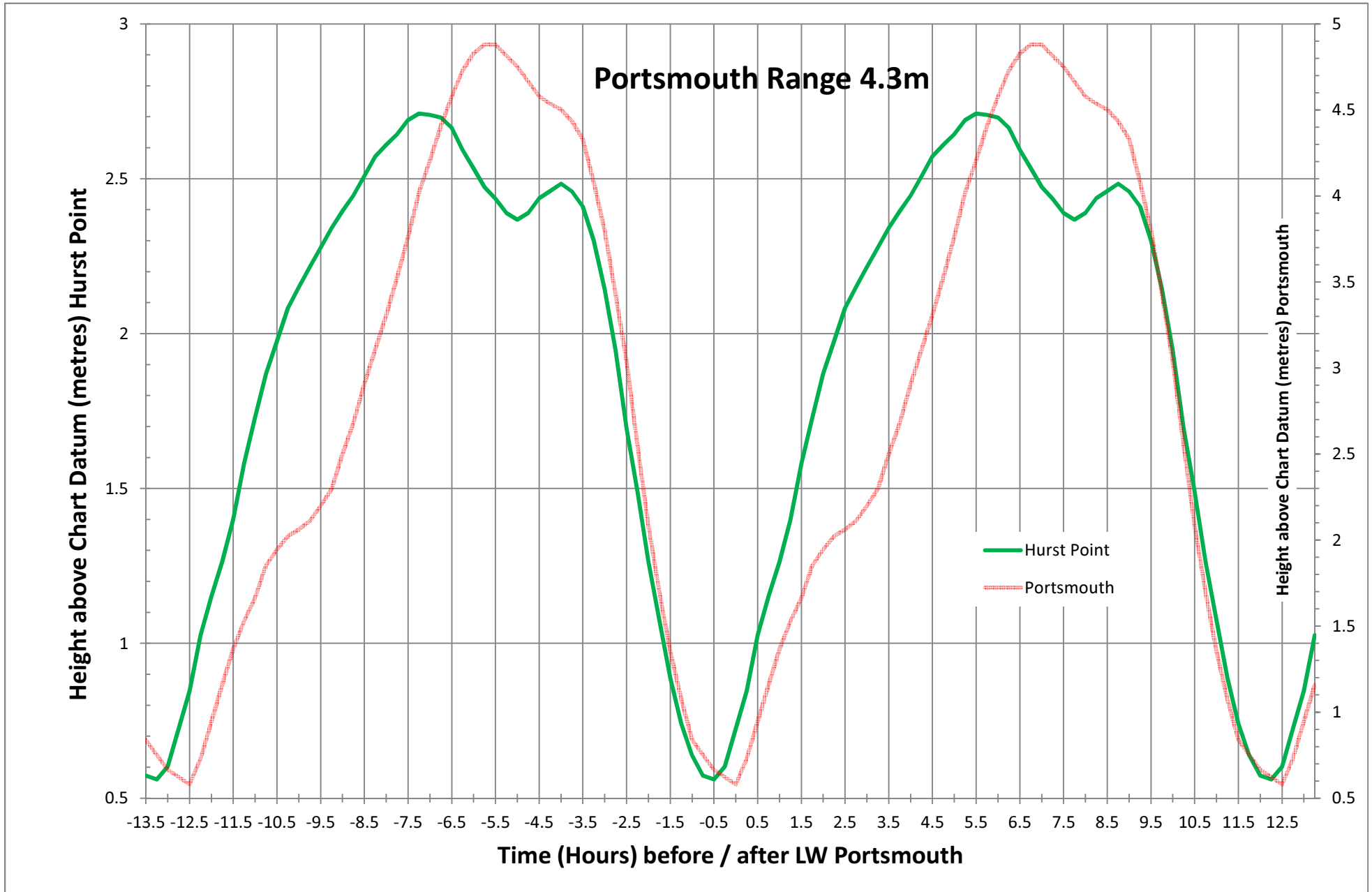
# Hurst Point Perpetual Tidal Curves

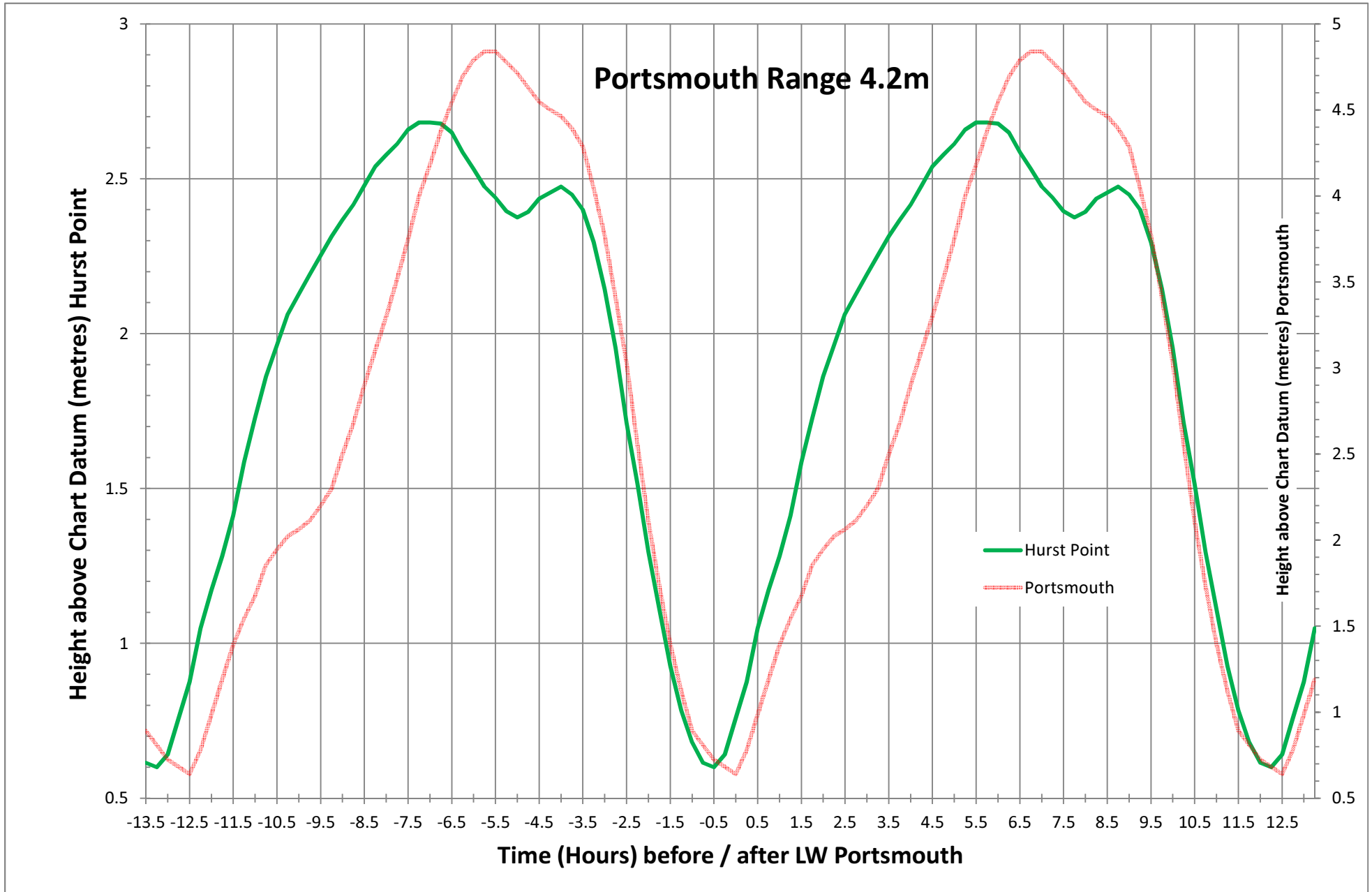


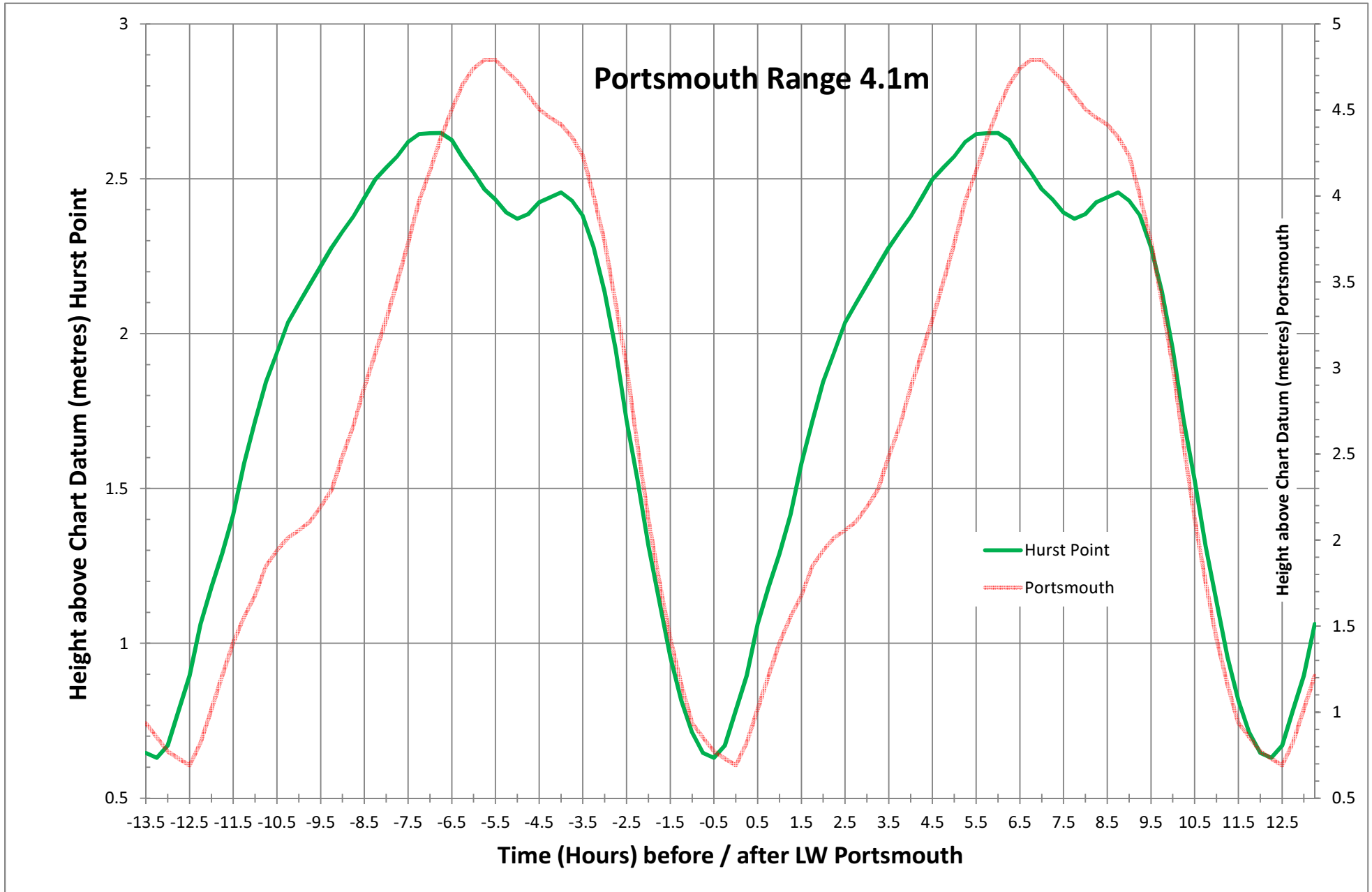
- The graphs show the height of the tide at Hurst Point and Portsmouth, in relation to the time of Low Water at Portsmouth
- On the Tide Table, find the time of Low Water Portsmouth, and the Range of the tide (difference between the height of Low Water and the preceding or following High Water)
- Go to the graph corresponding to the calculated Range
- As a guide, roughly 1.8 metres height of tide is sufficient to get Jaffa 1 and Saracen off their moorings
- In the Western Solent, the tidal stream runs East to West (ebb) from approximately 1 hour **before** HW Portsmouth and West to East (flood) from approximately 5hrs **after** HW Portsmouth
- Note – these predicted heights are for standard atmospheric pressure (1000mB, or 30” of mercury). A increase in pressure of 30mB or 1” of mercury will lower the height of the water by approx. 30cm (1 ft) and a similar decrease in pressure will raise the height of the water by the same amount.

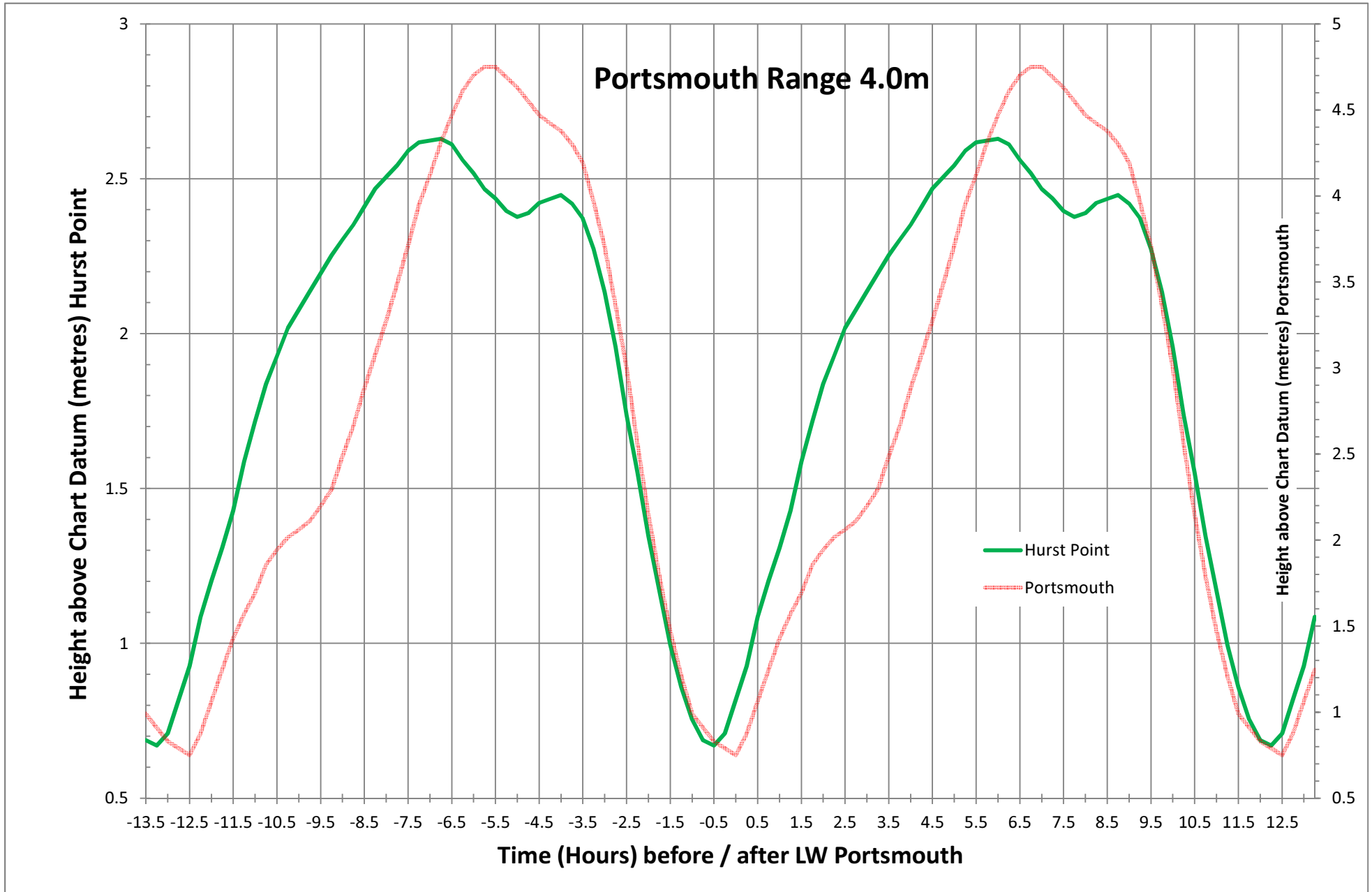




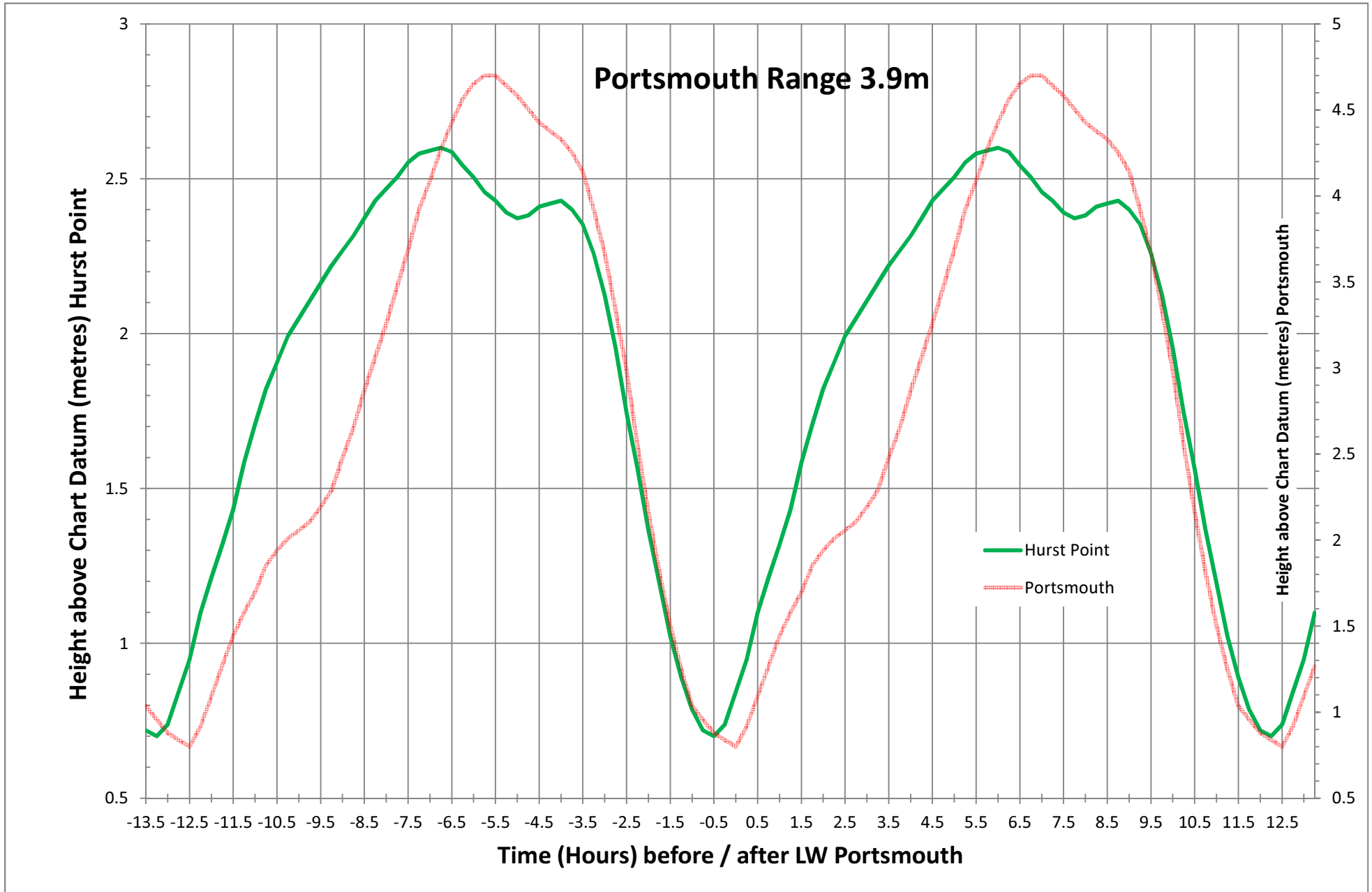


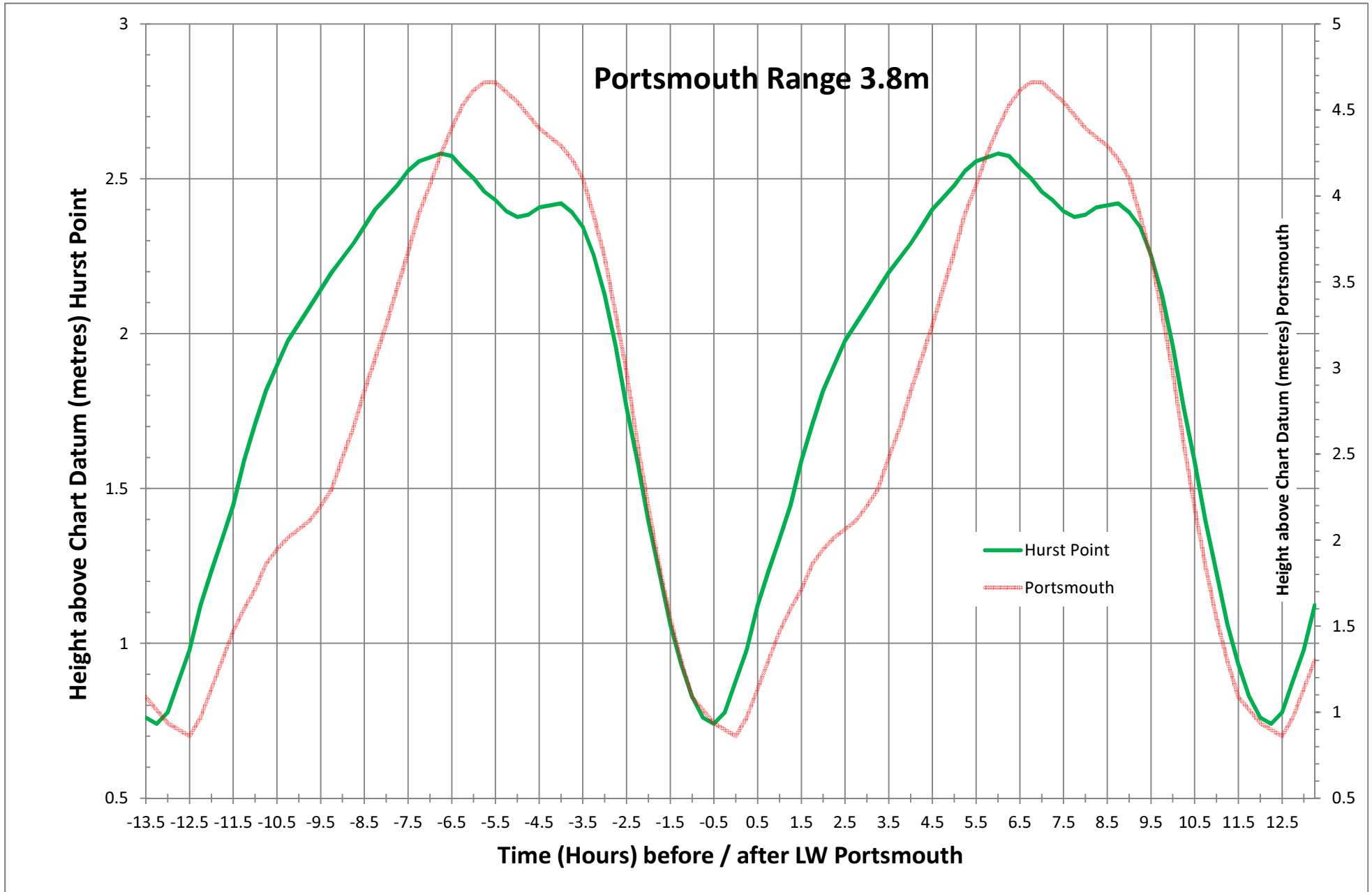


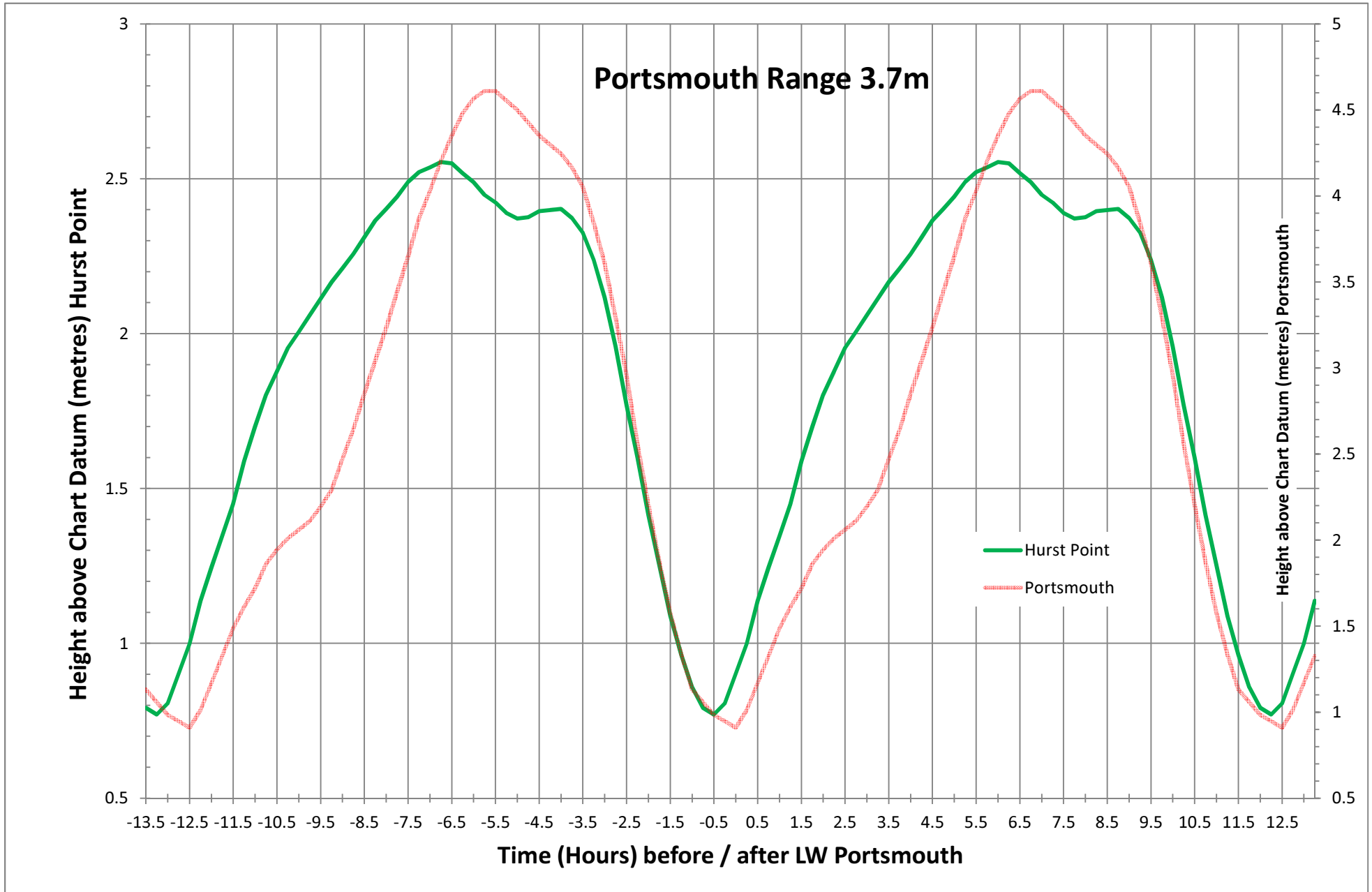


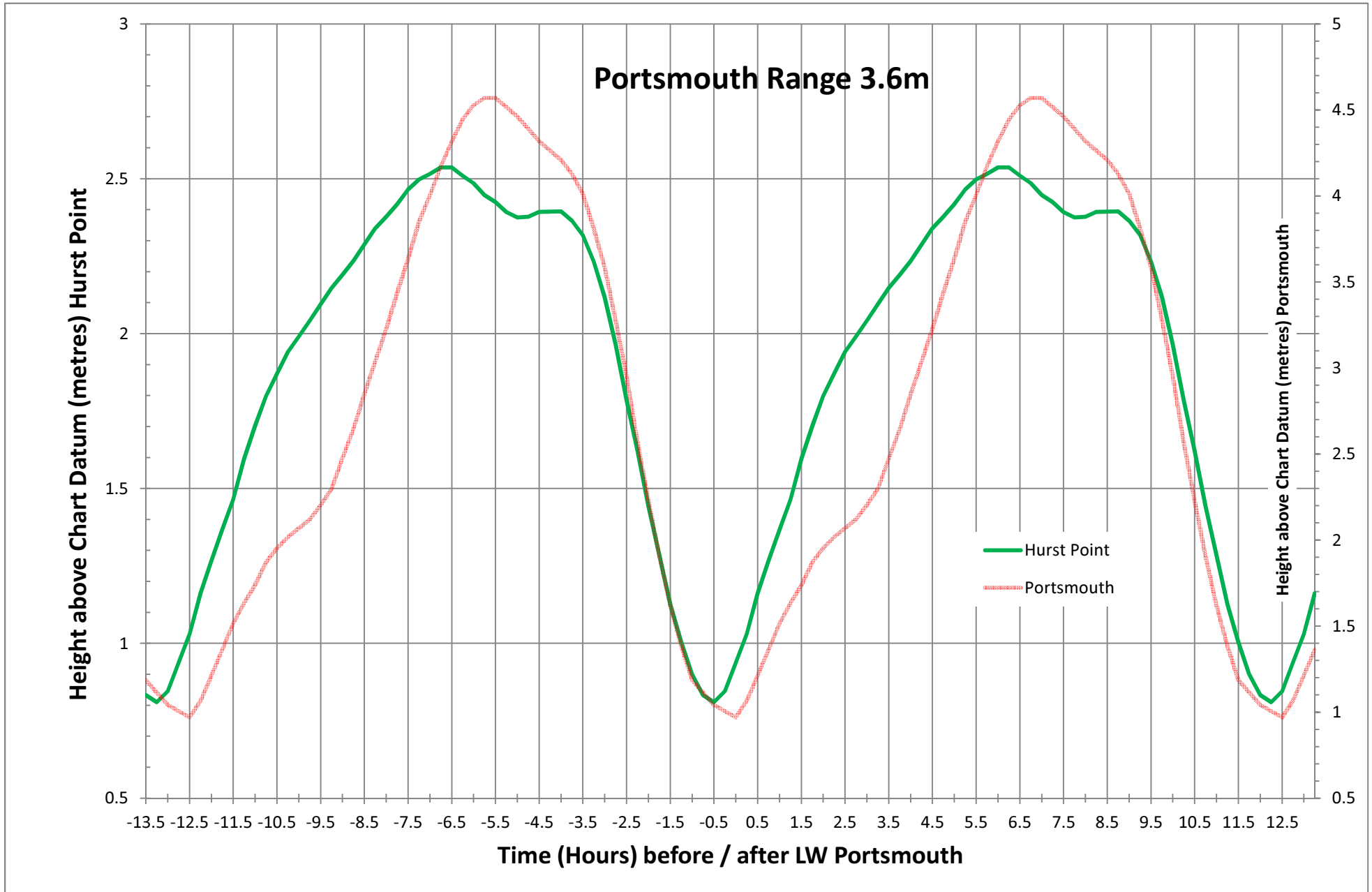


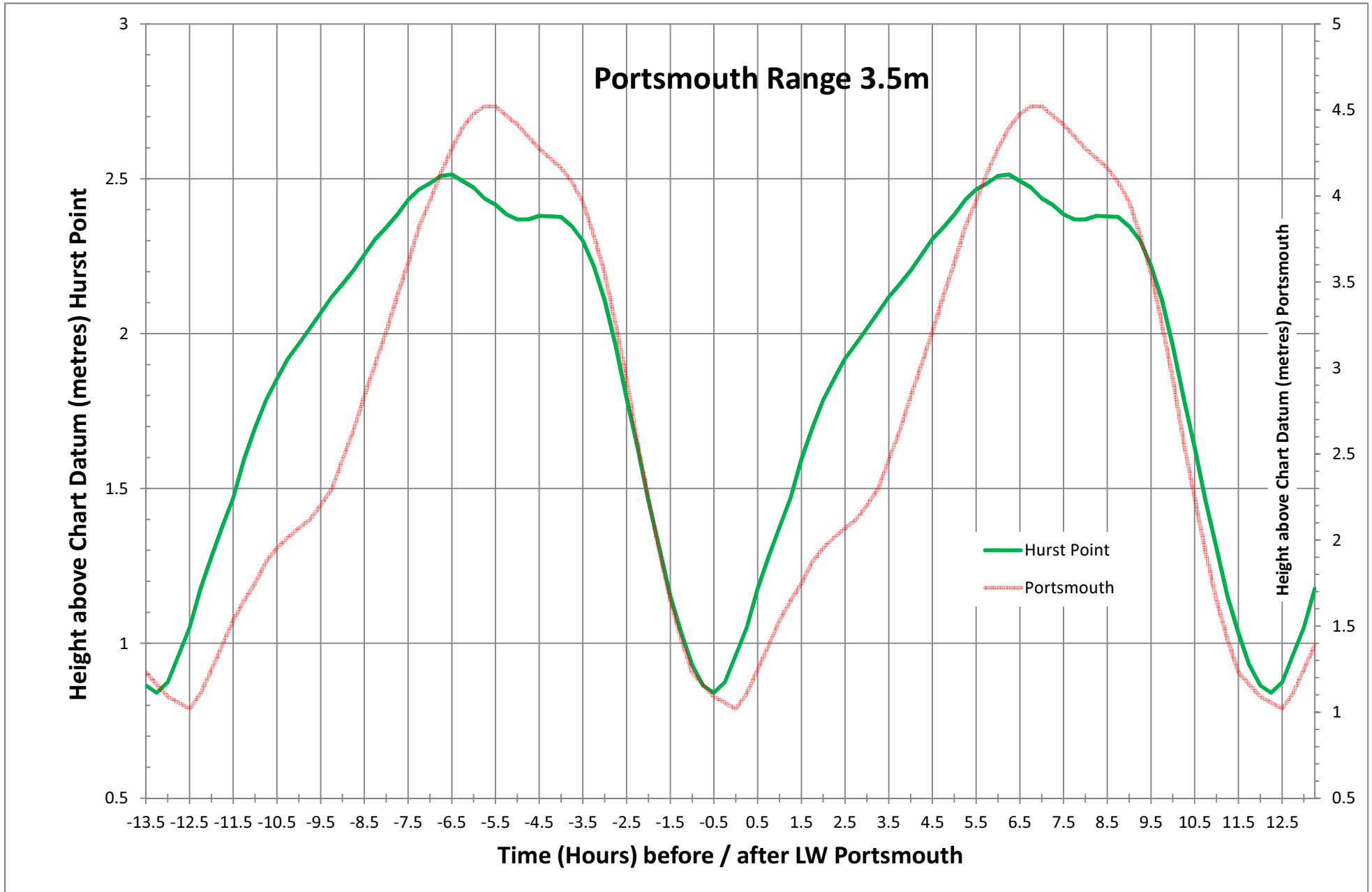


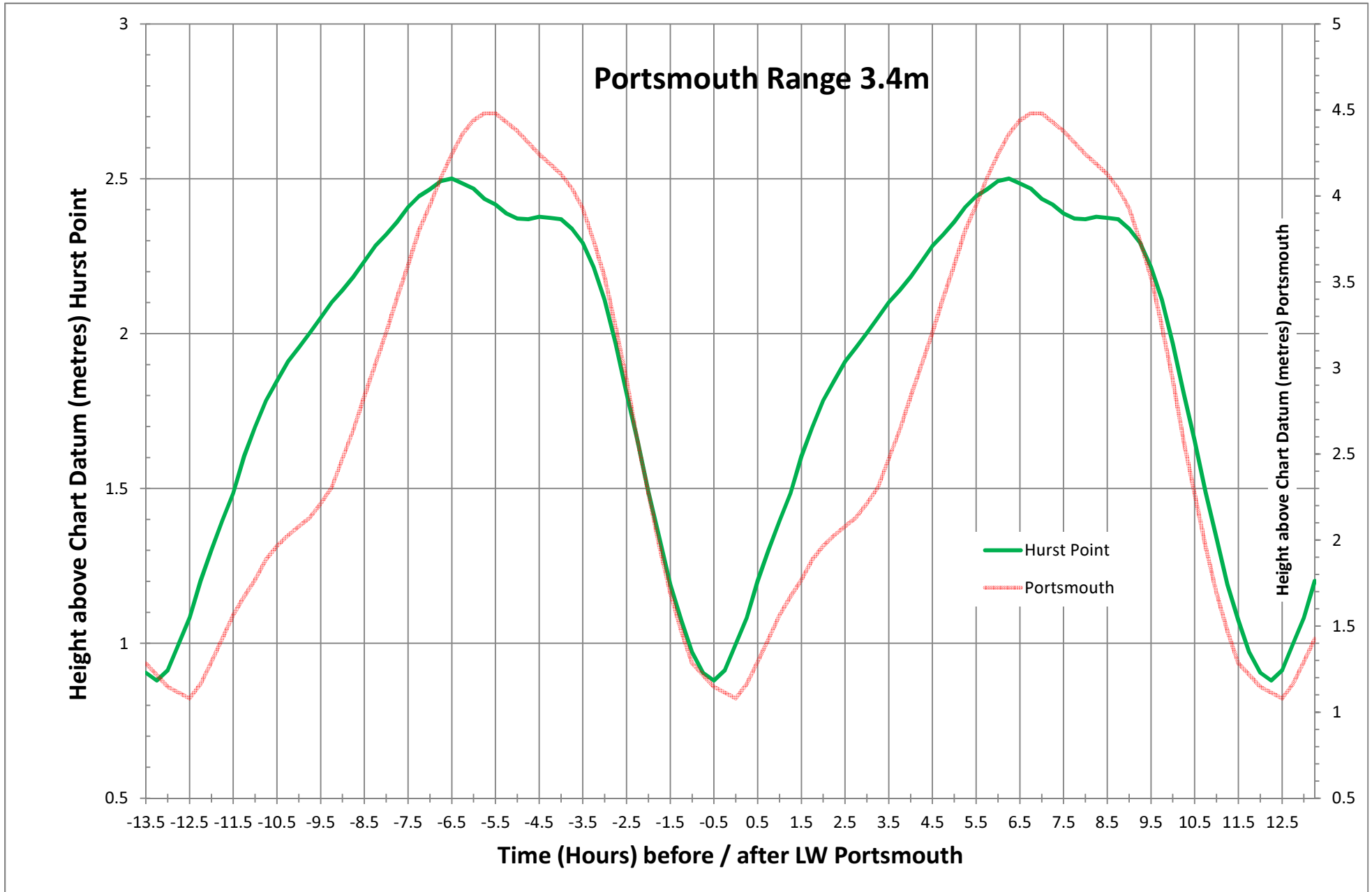


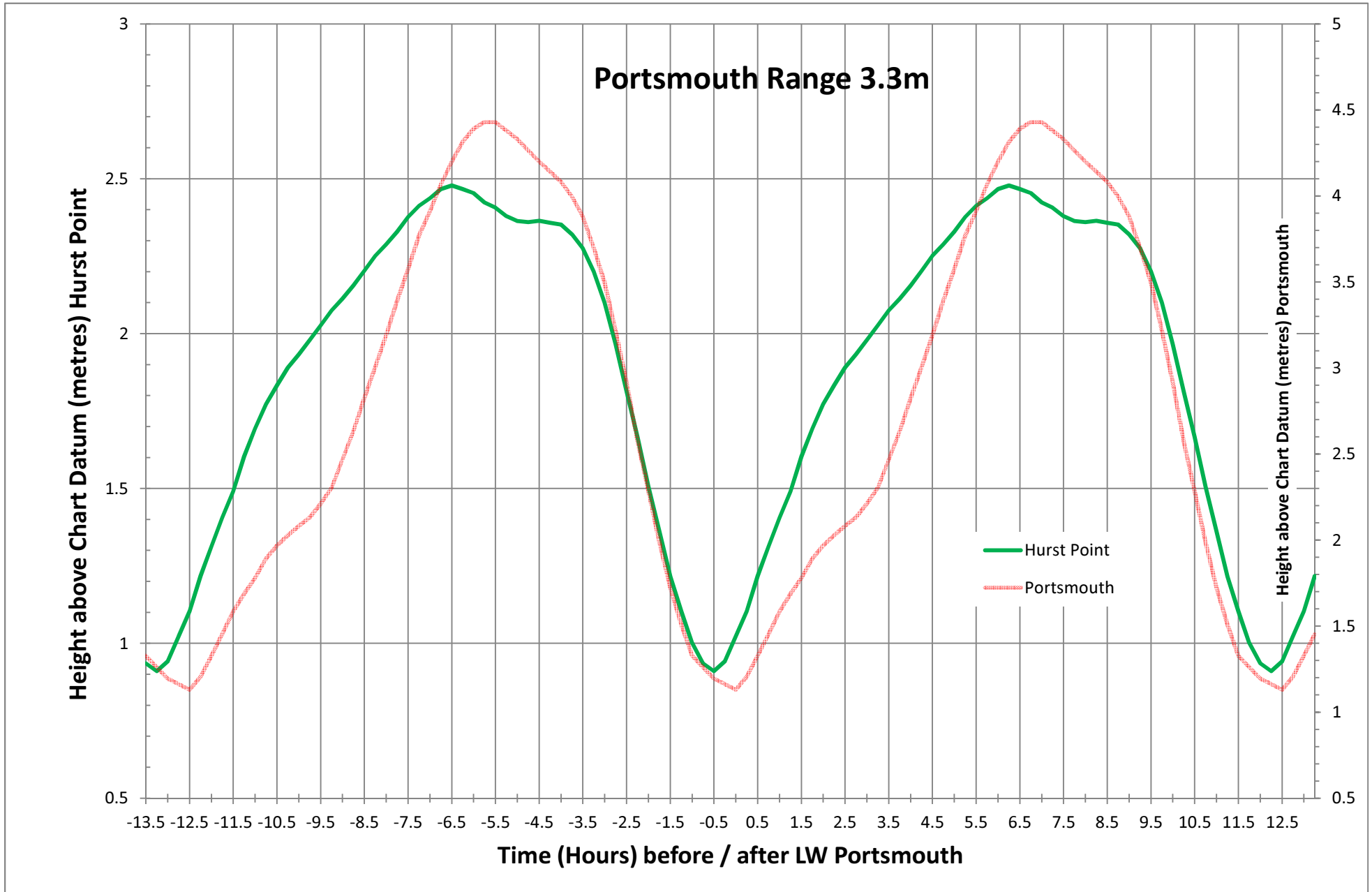


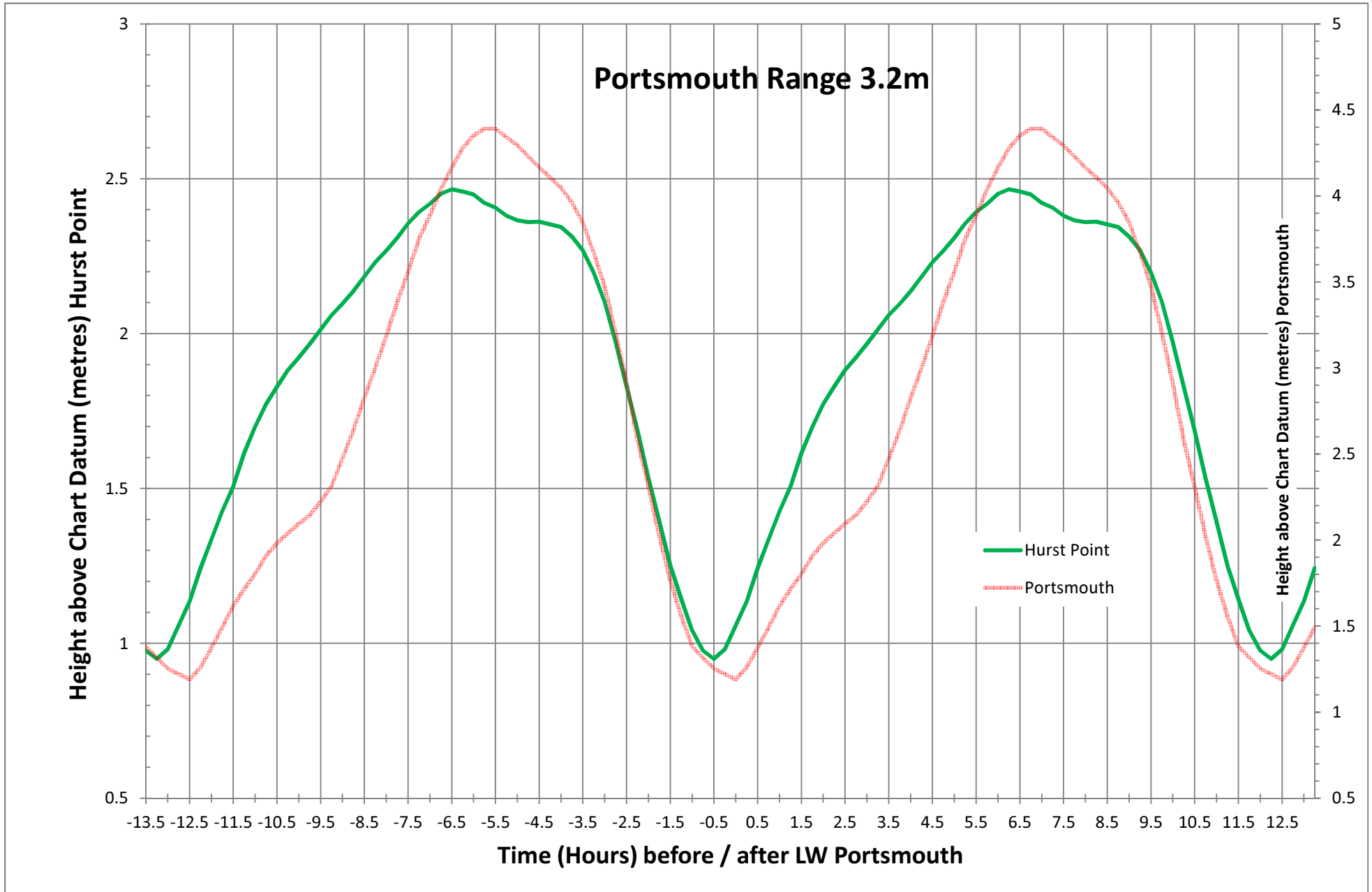




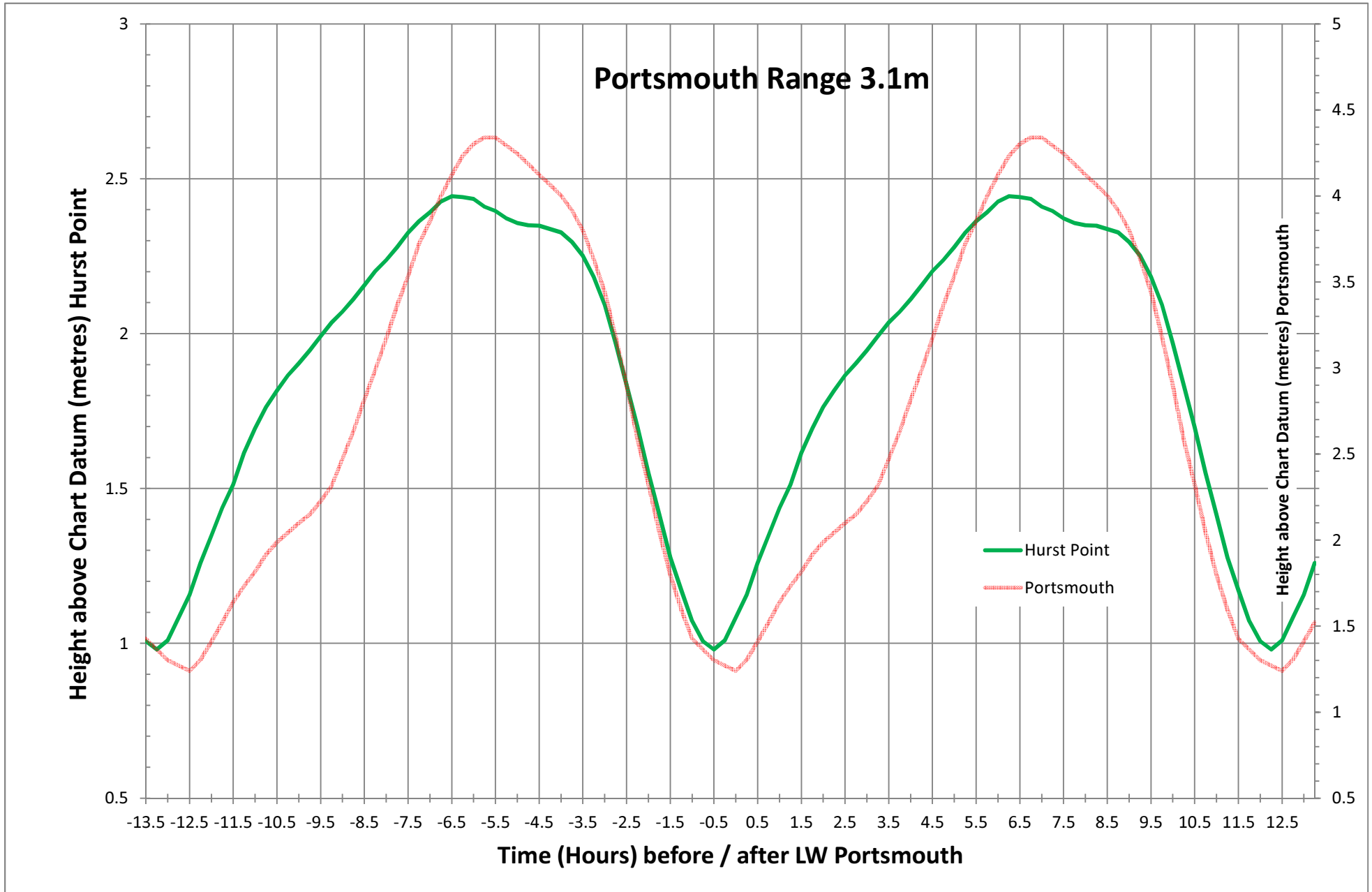


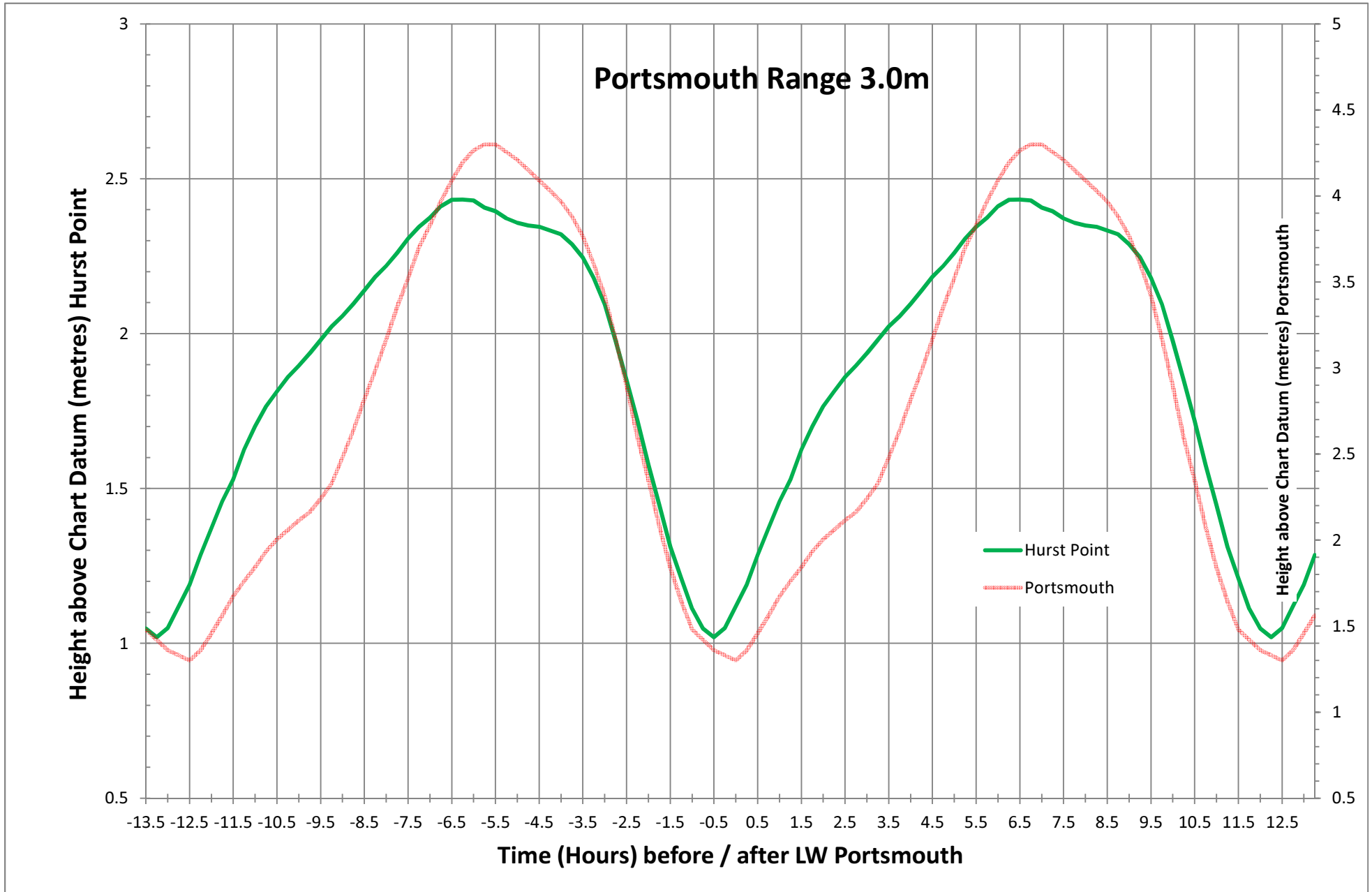


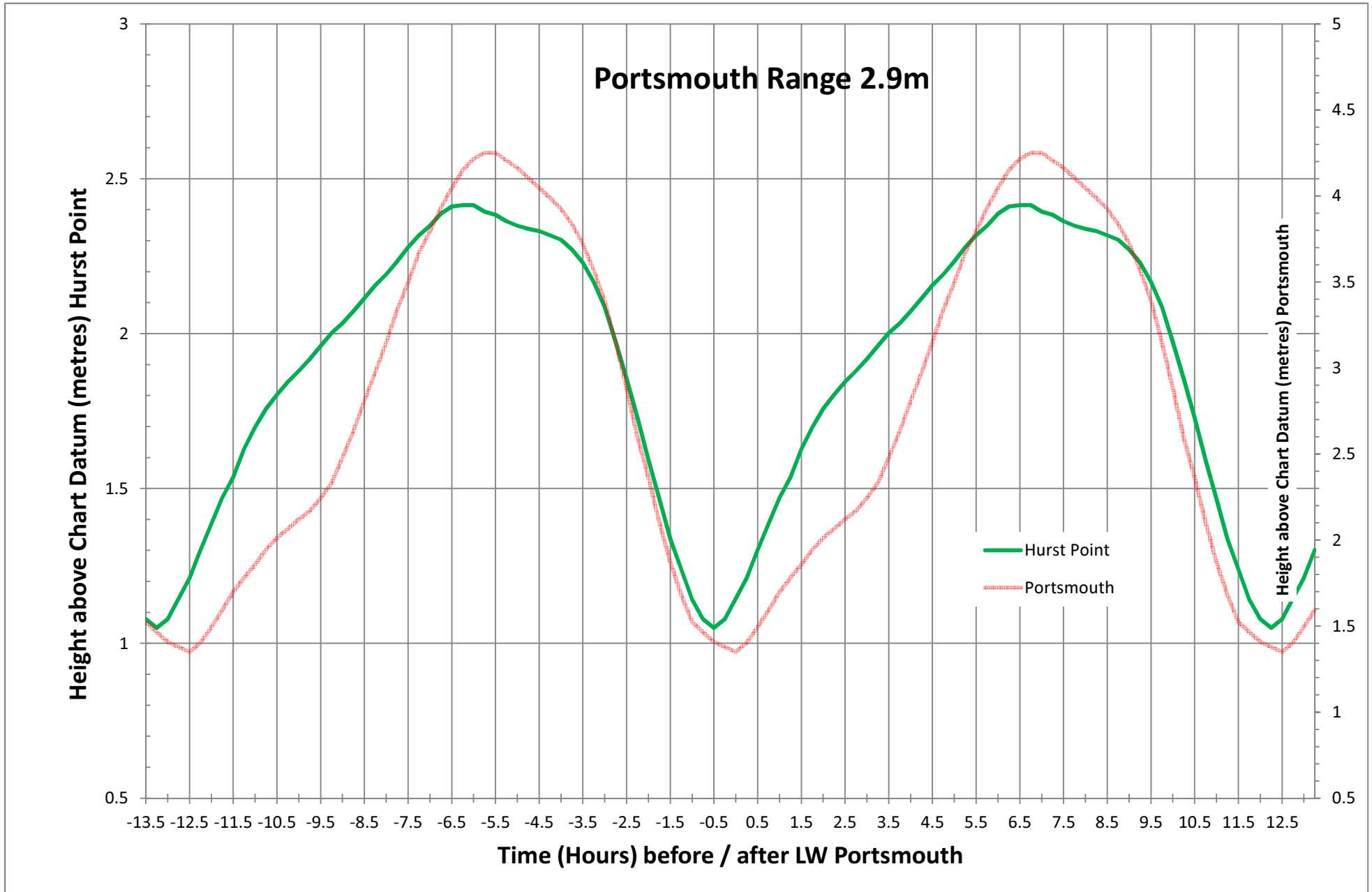


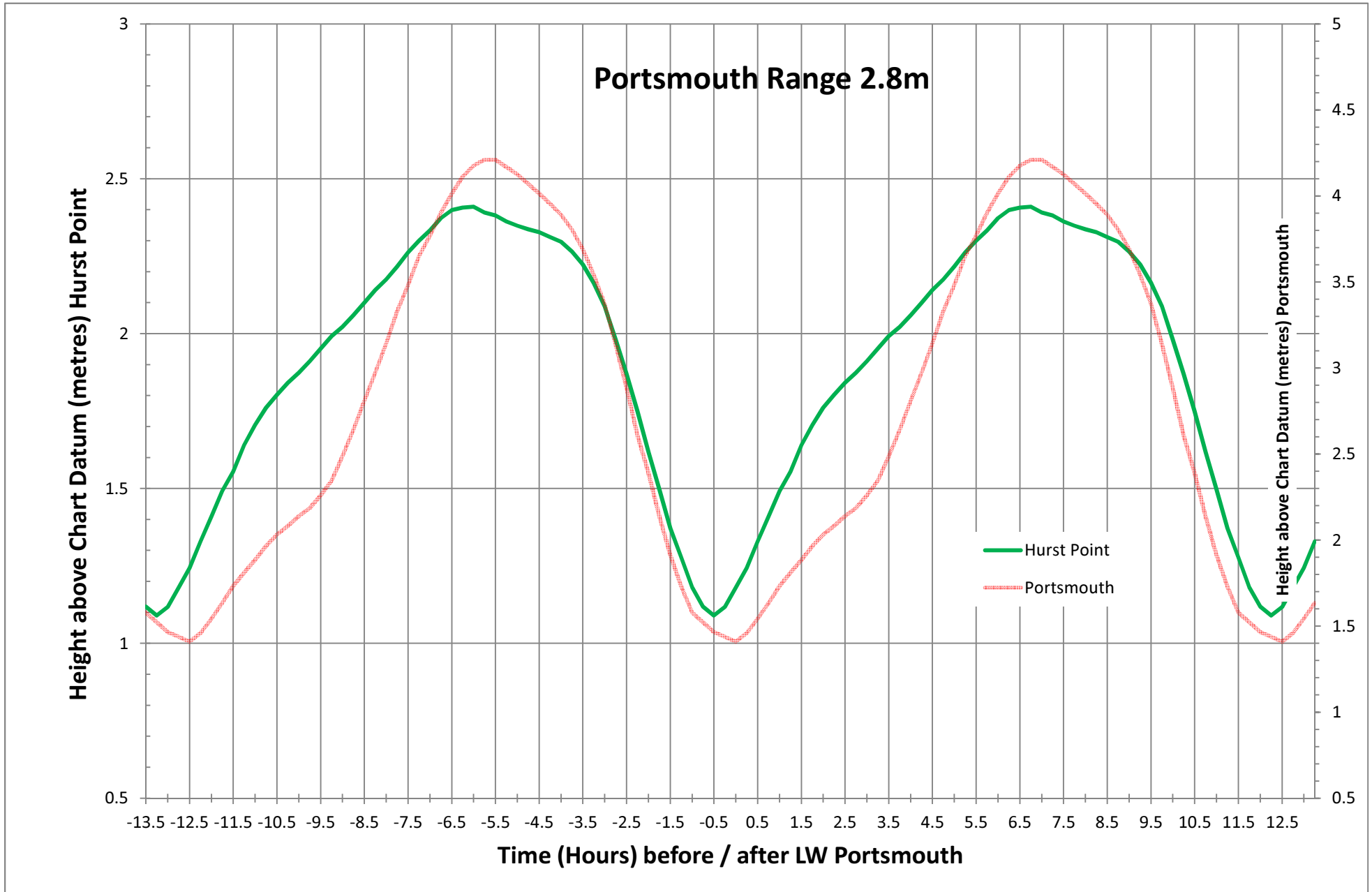


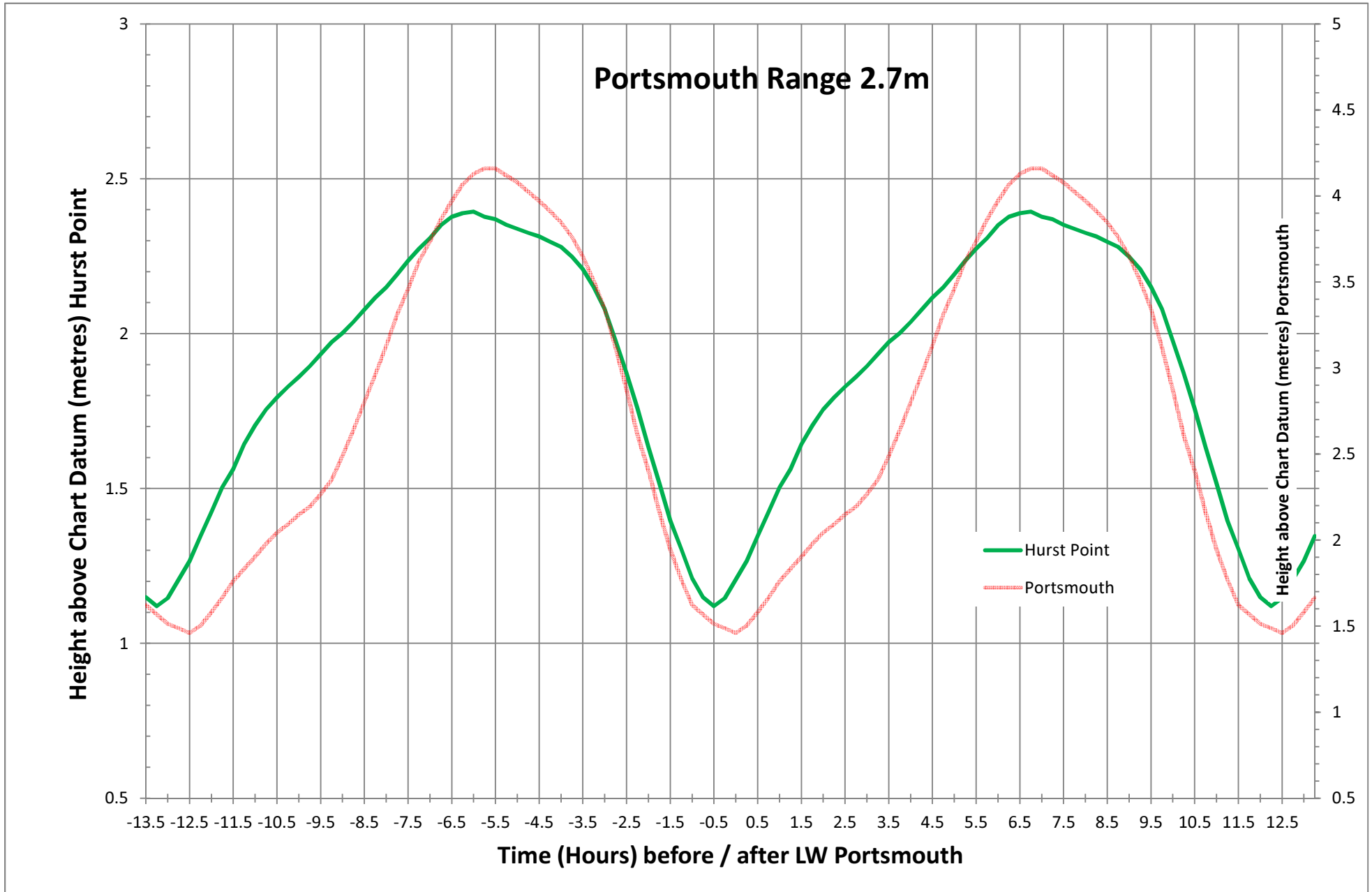


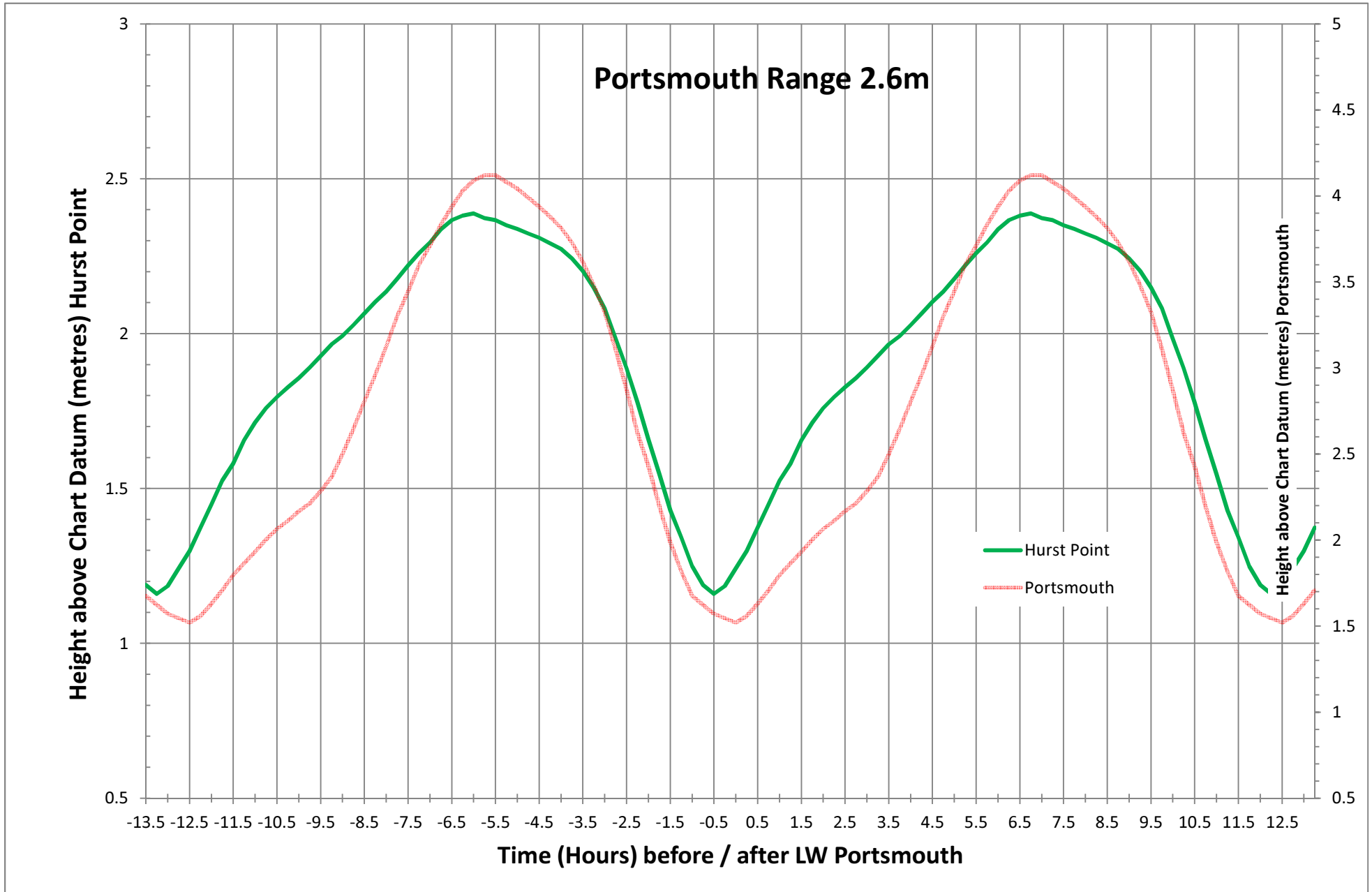


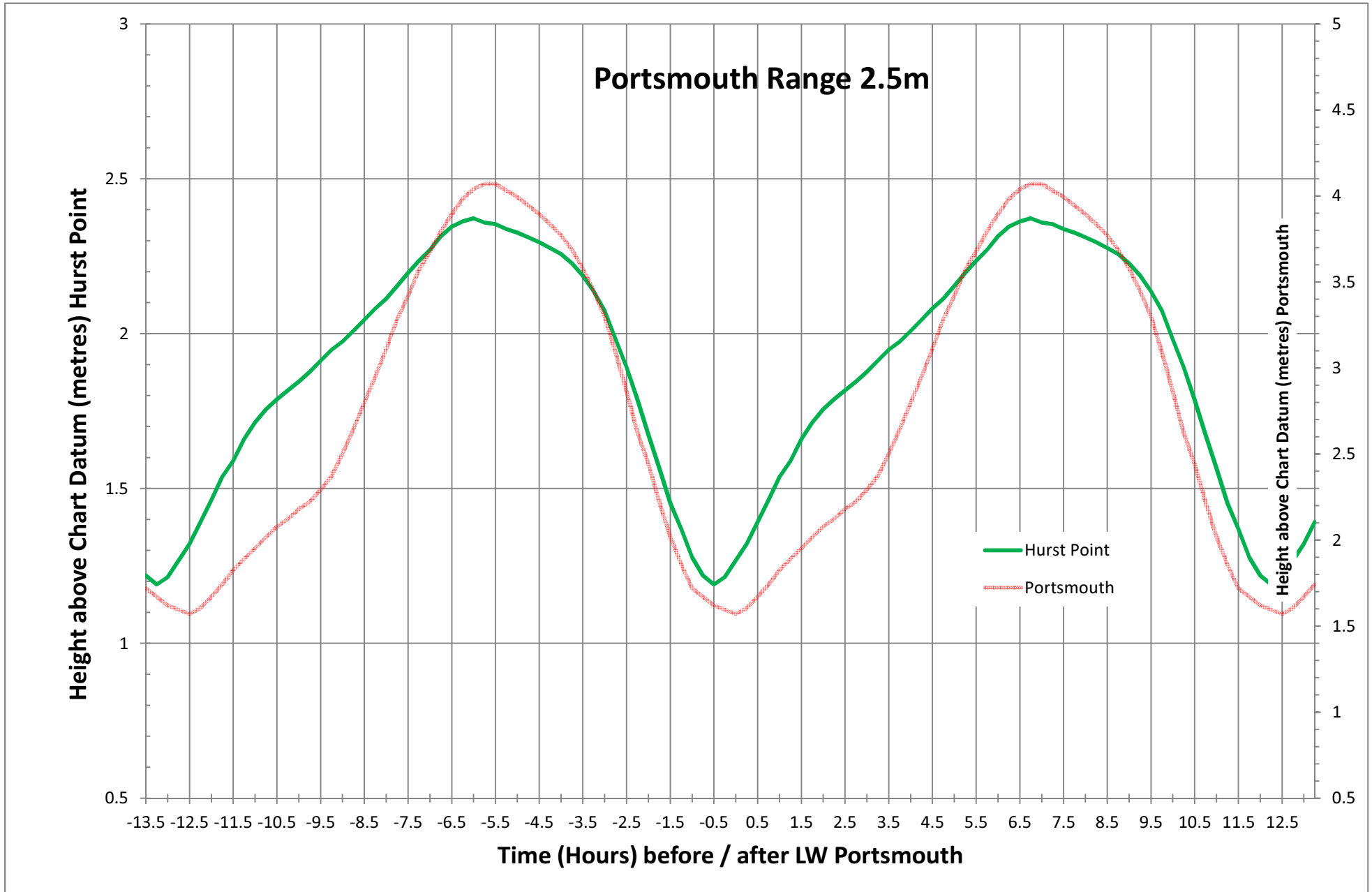


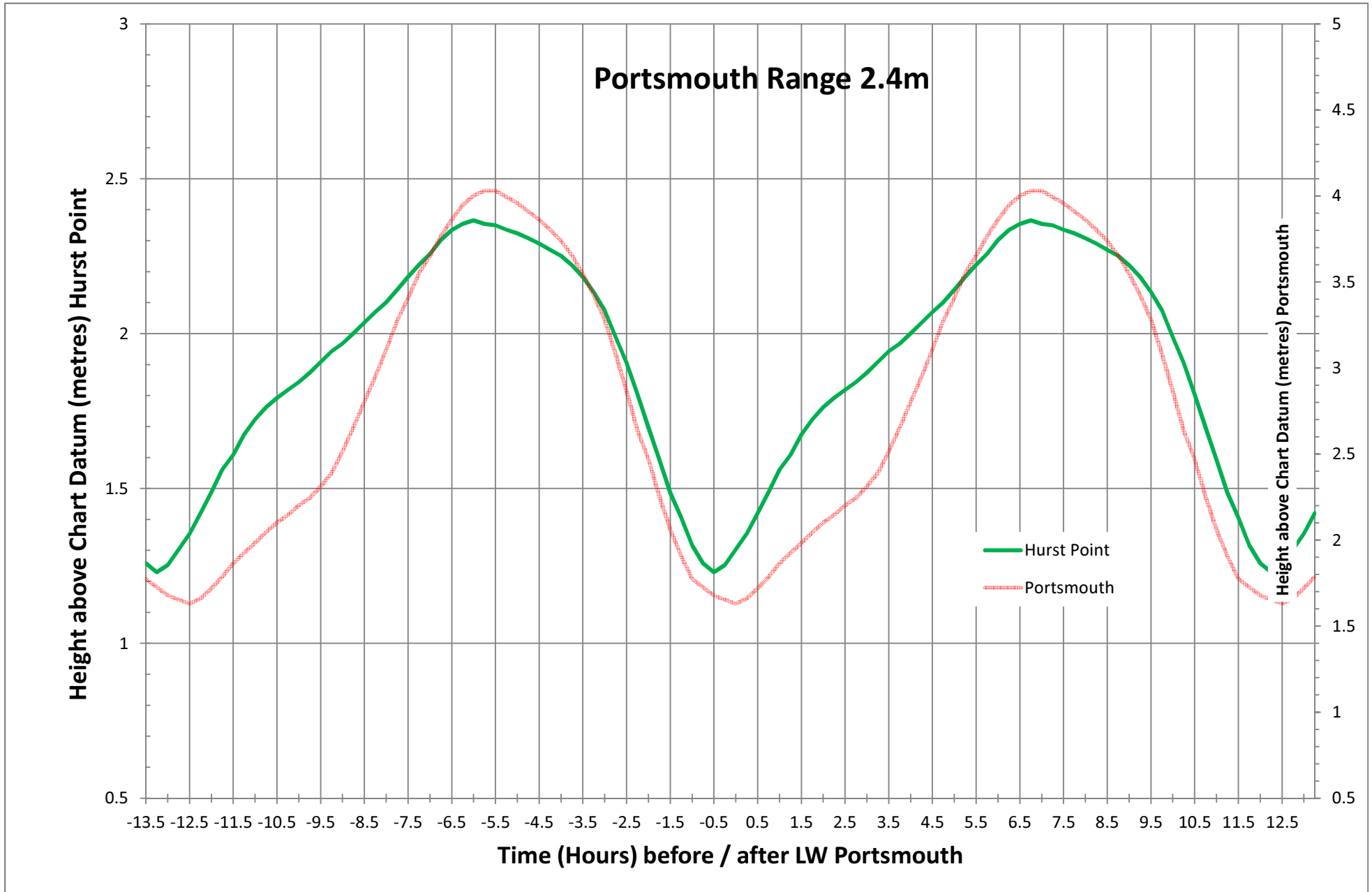




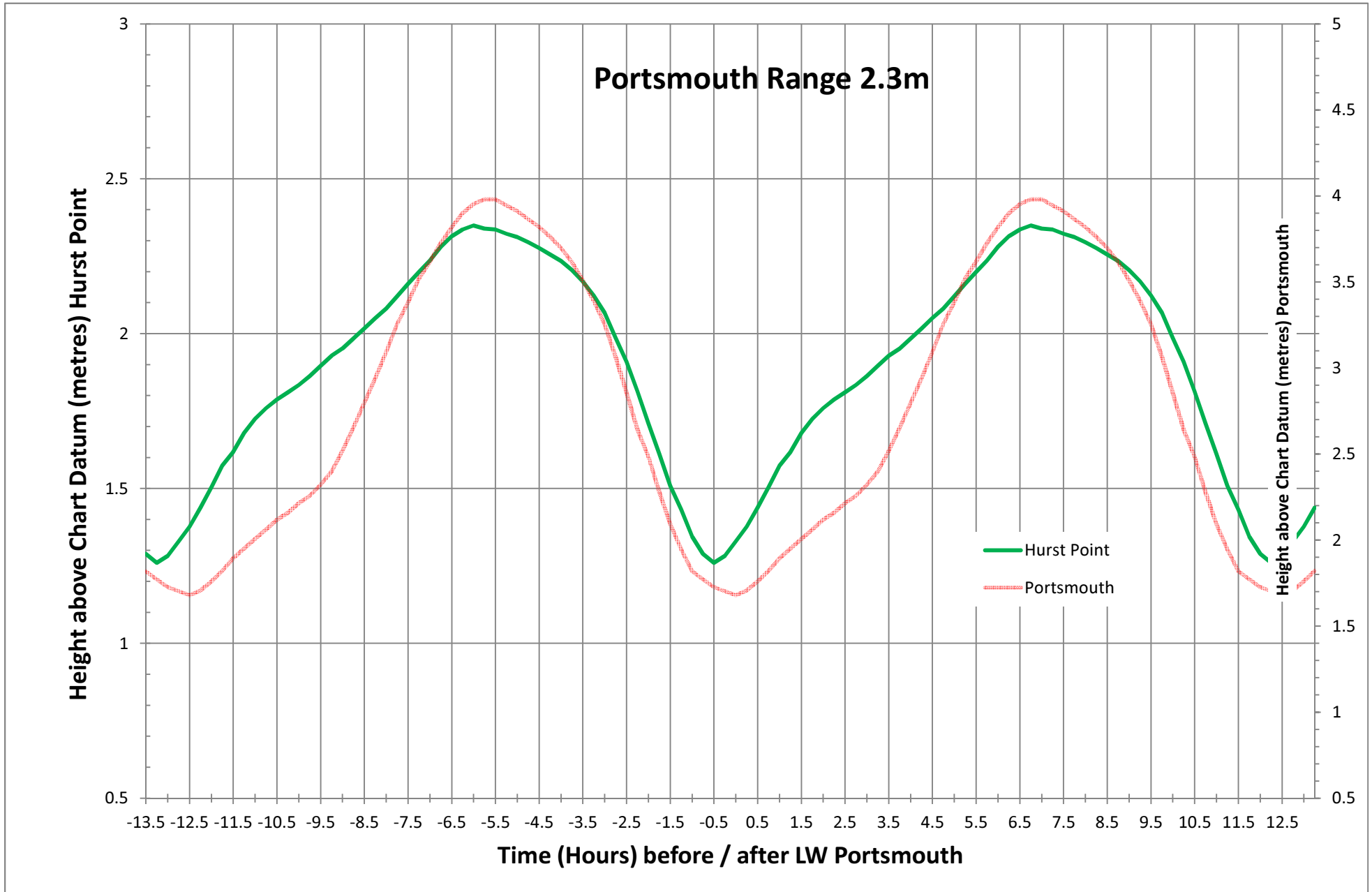


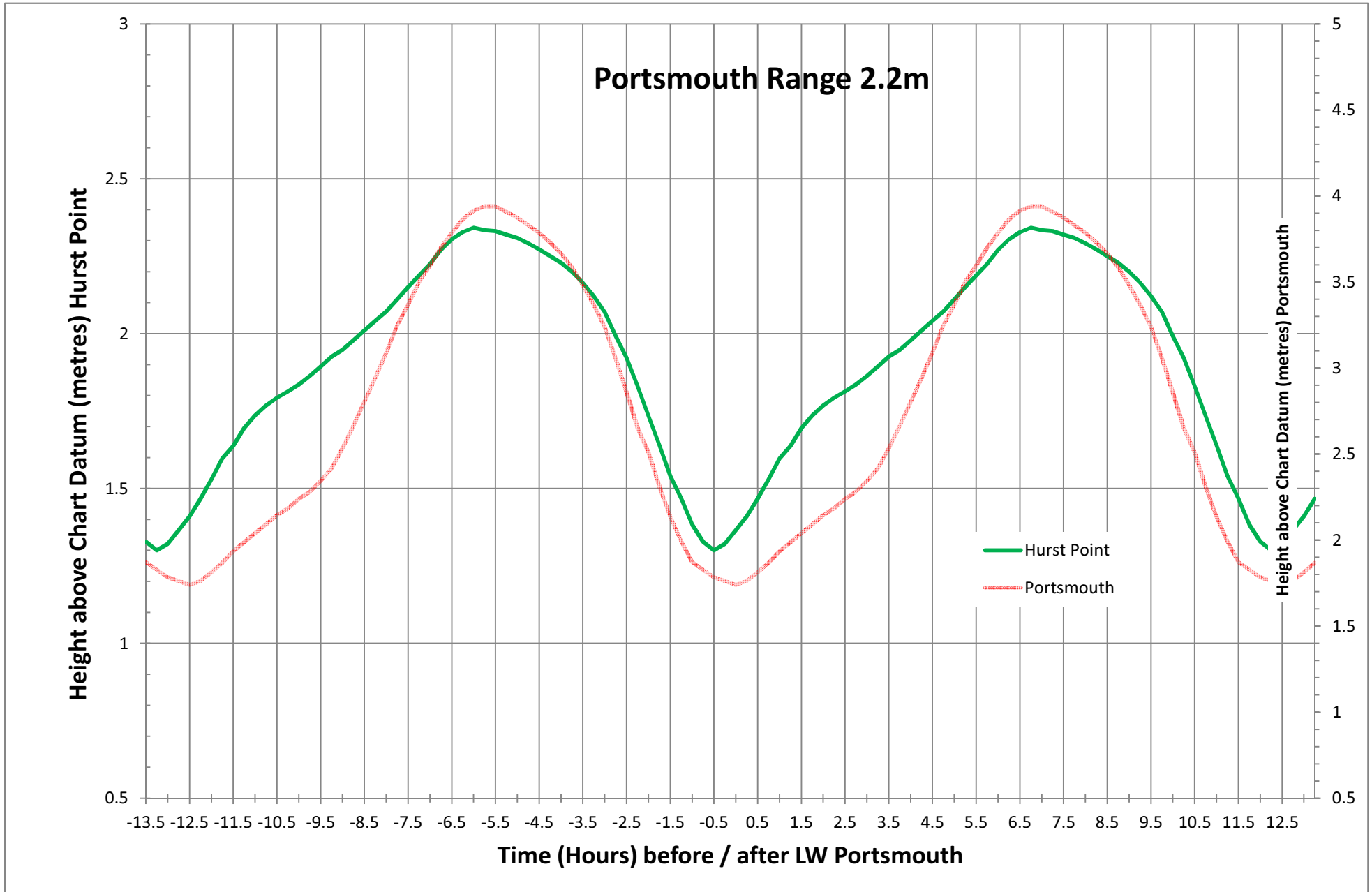




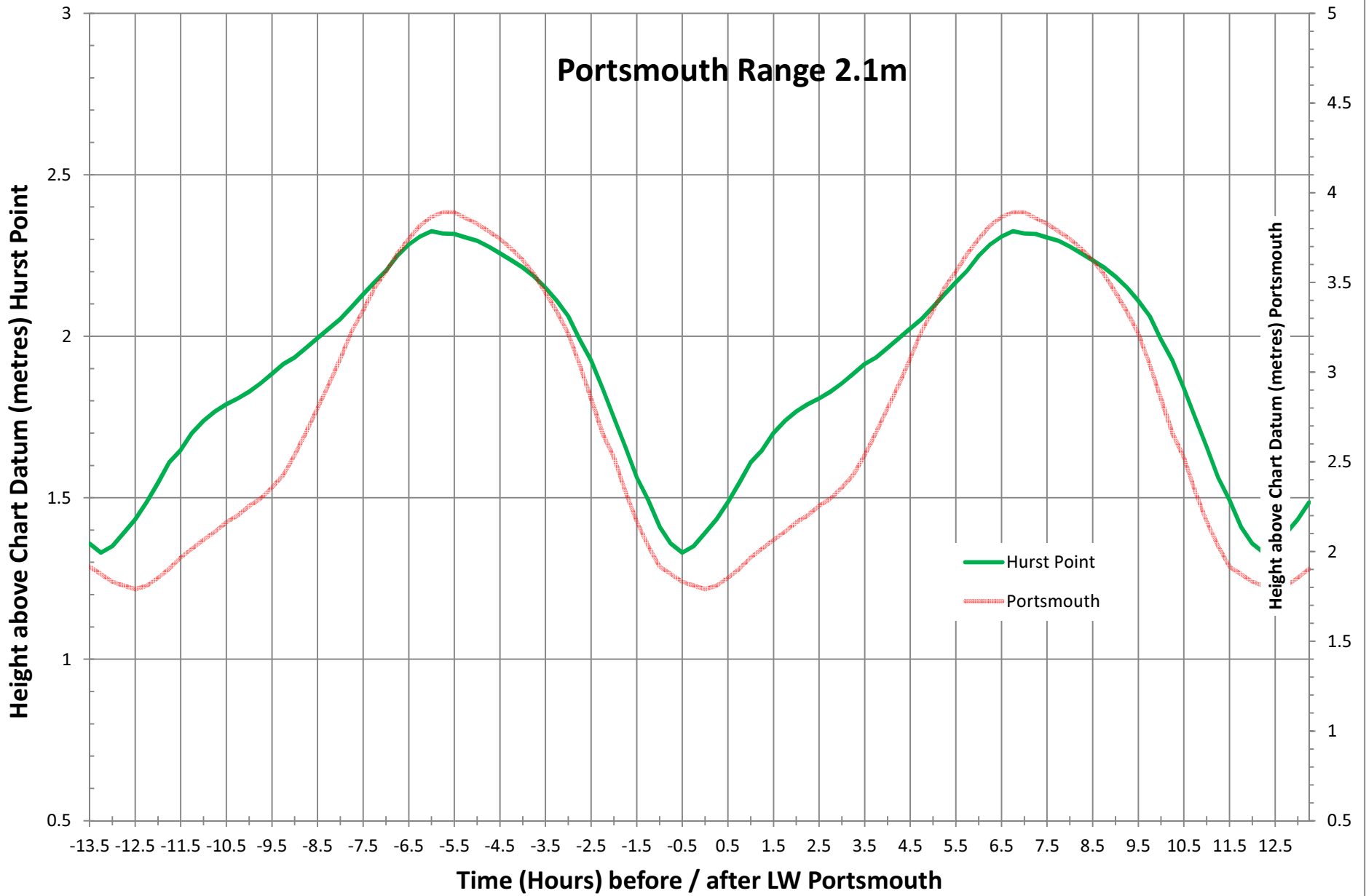




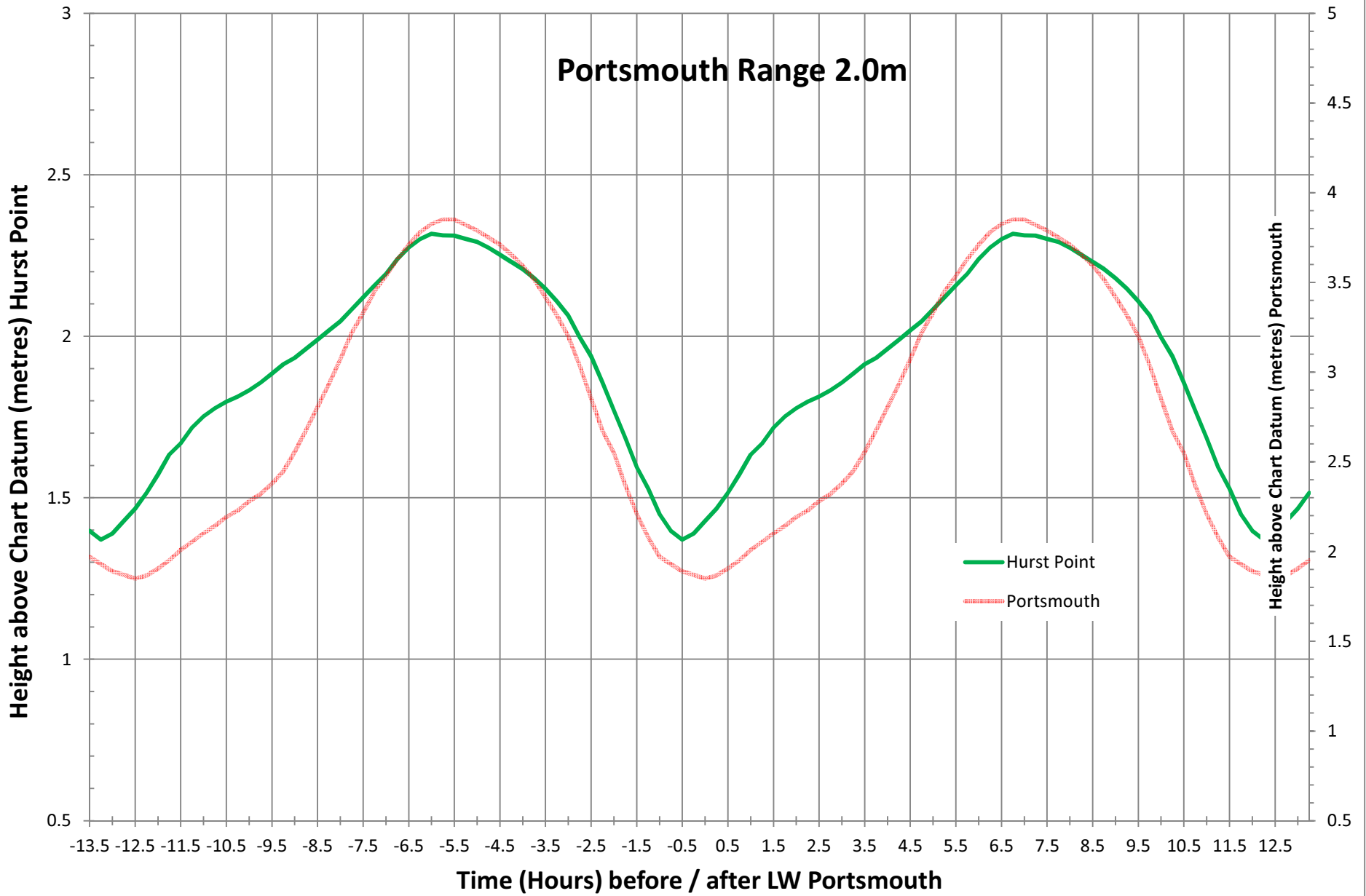




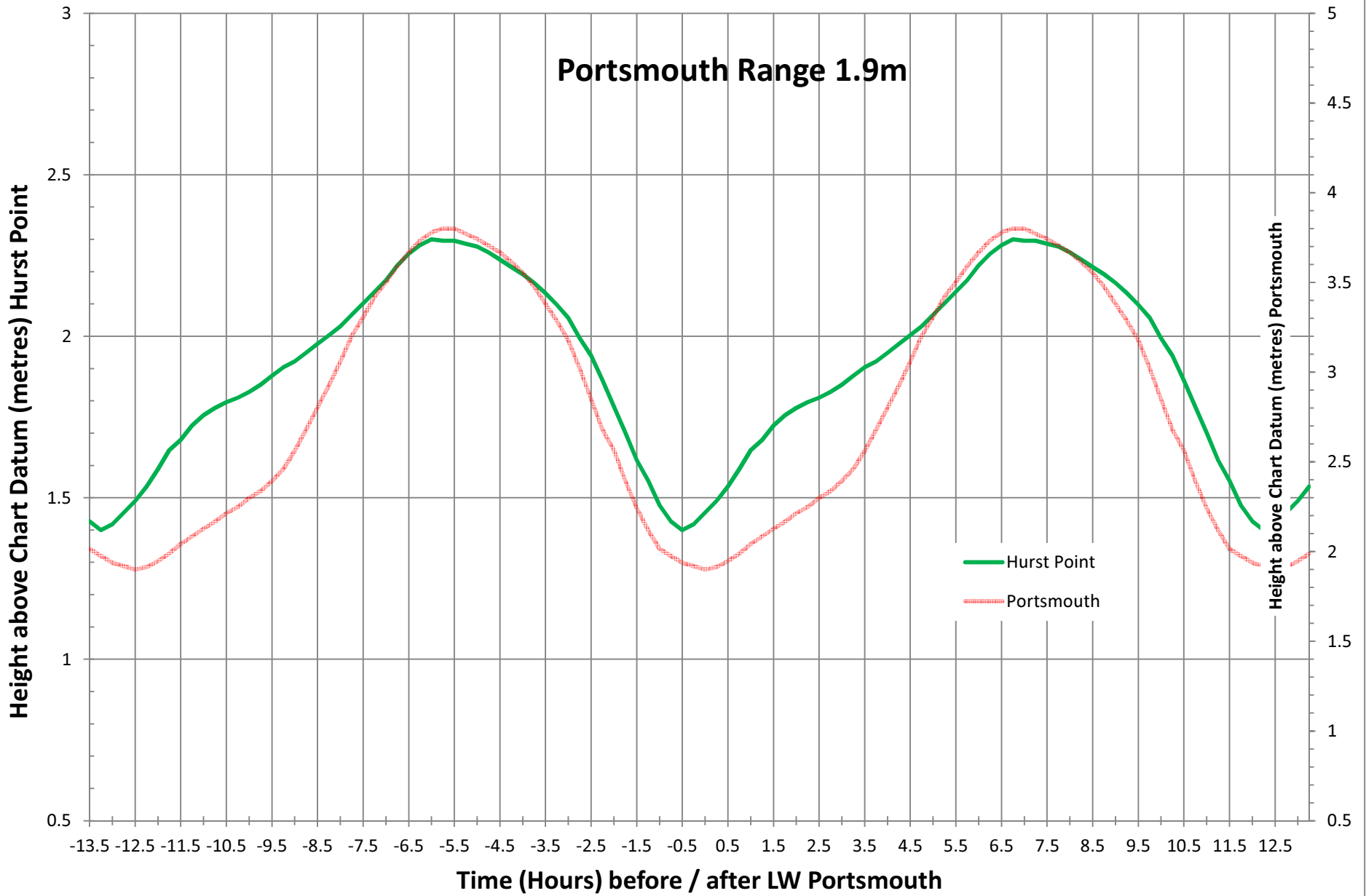
# Portsmouth Range 2.1m

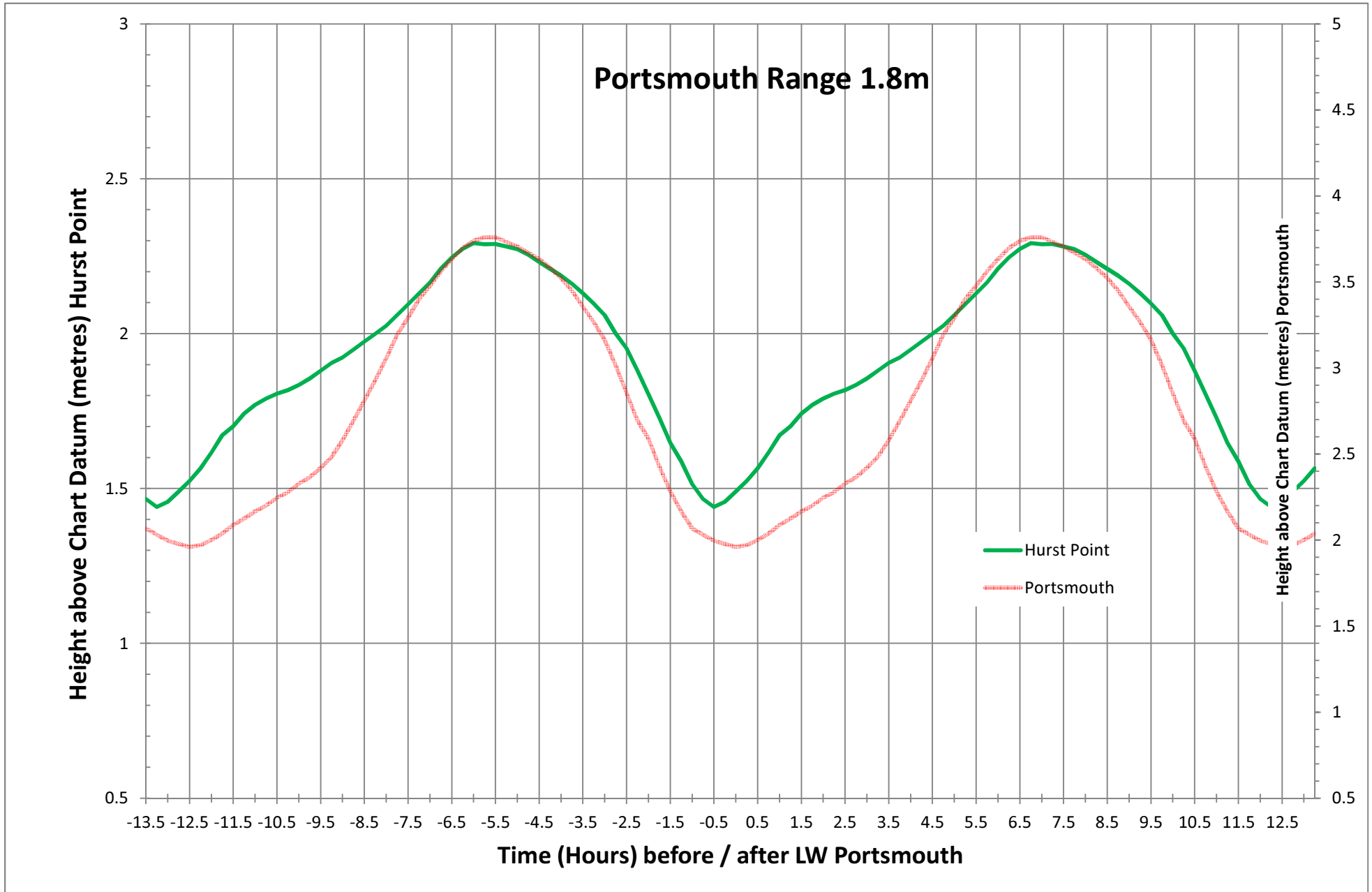


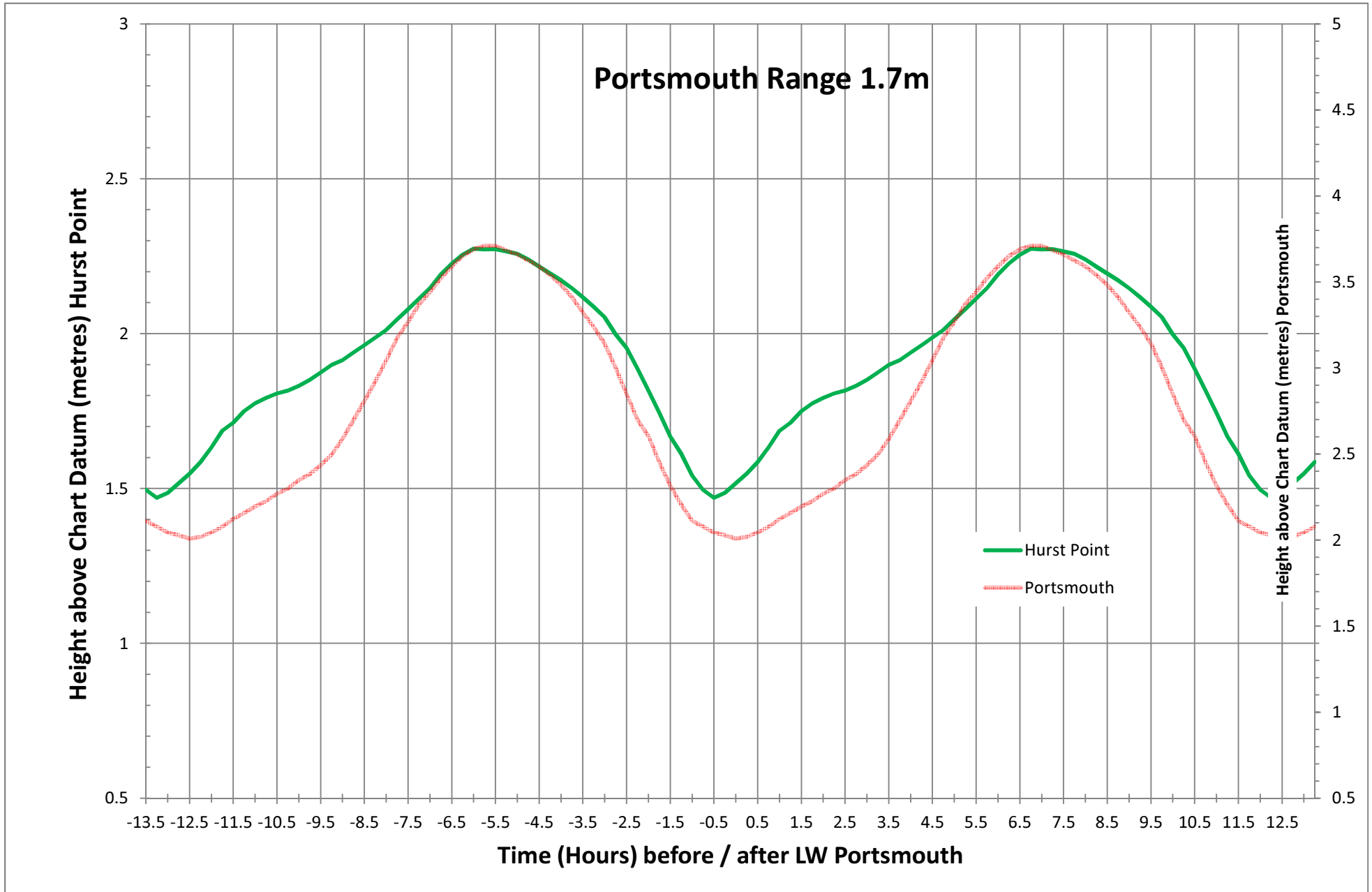
# Portsmouth Range 2.0m



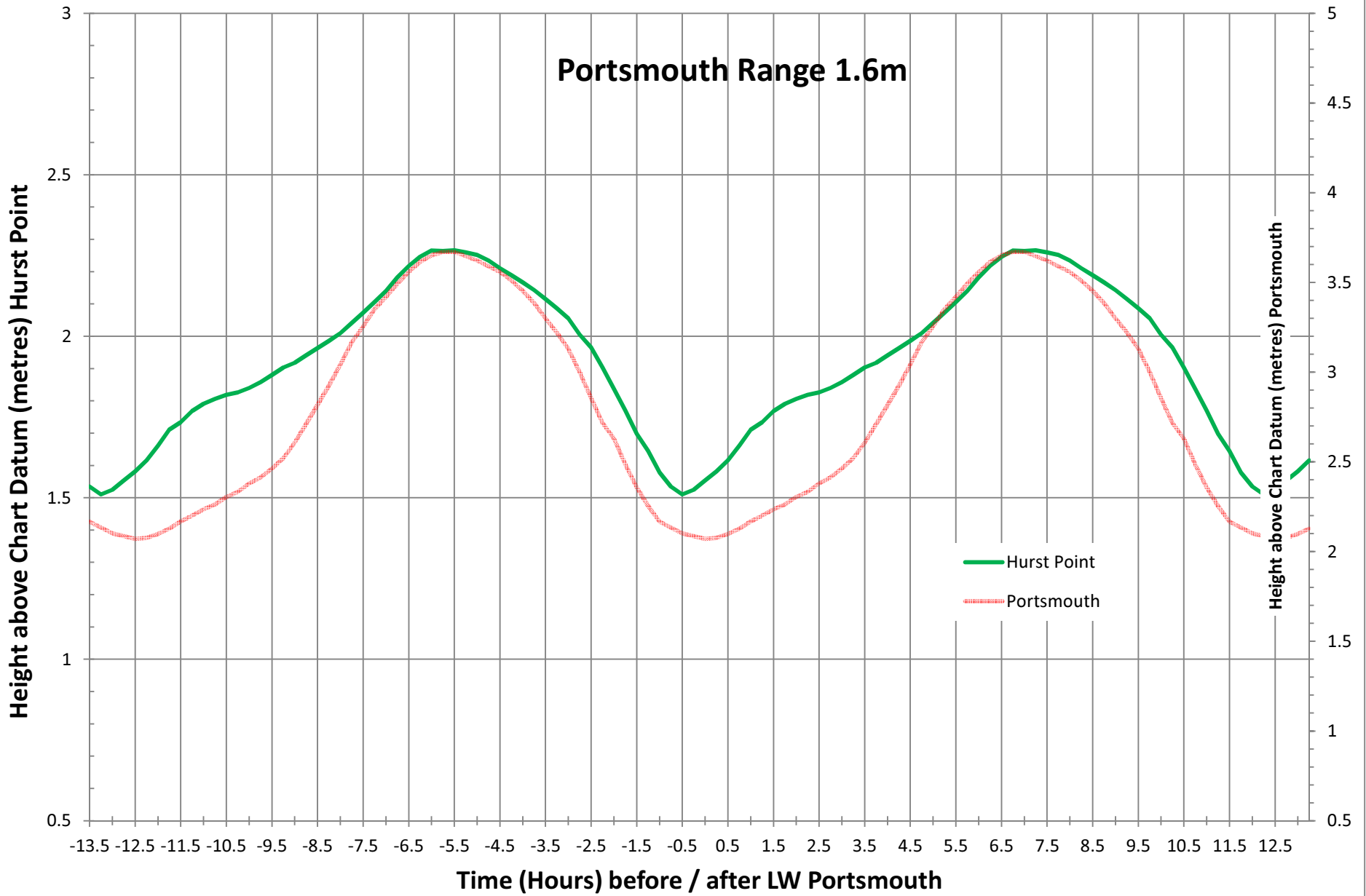
# Portsmouth Range 1.9m





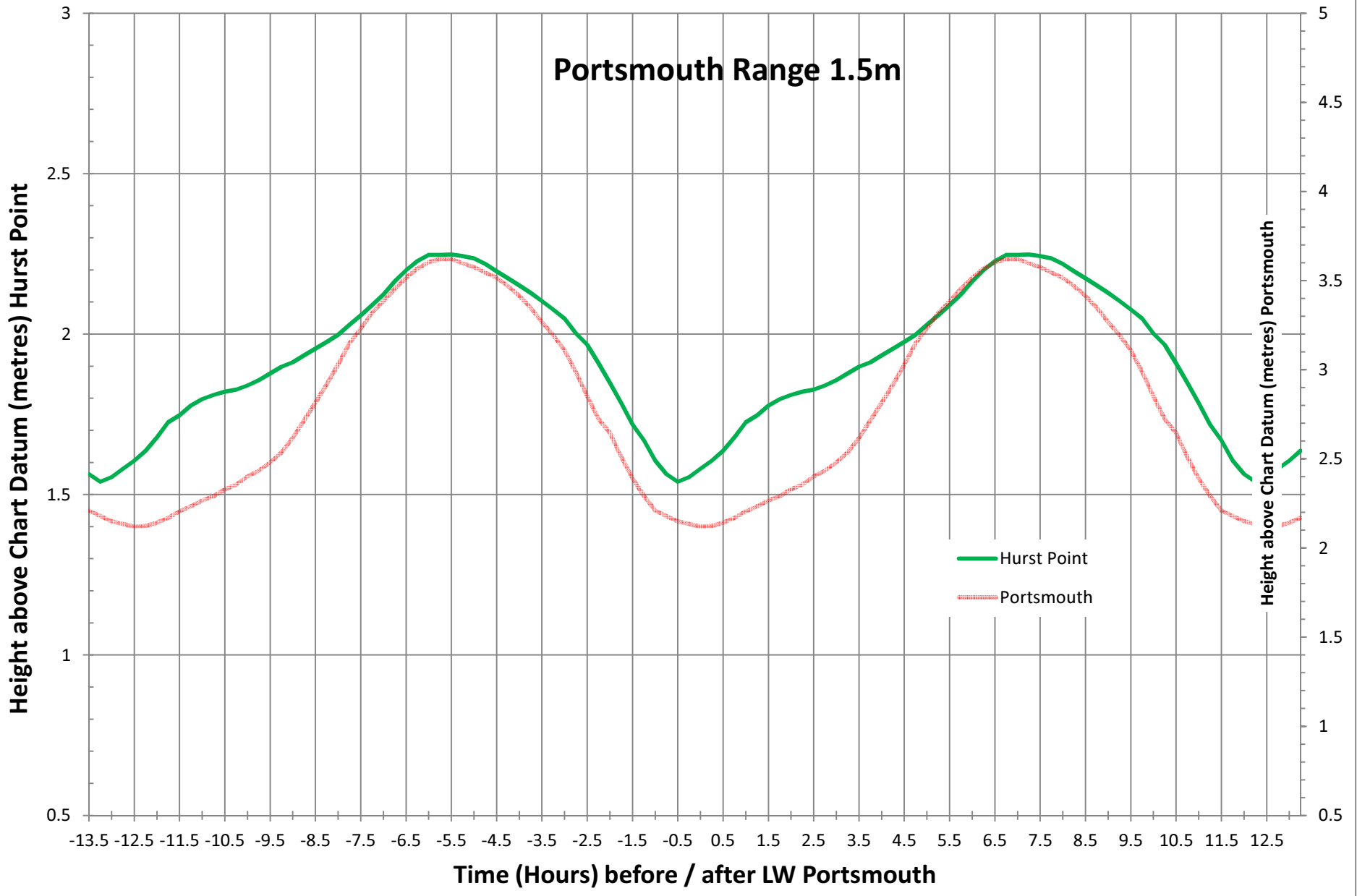


# Portsmouth Range 1.6m

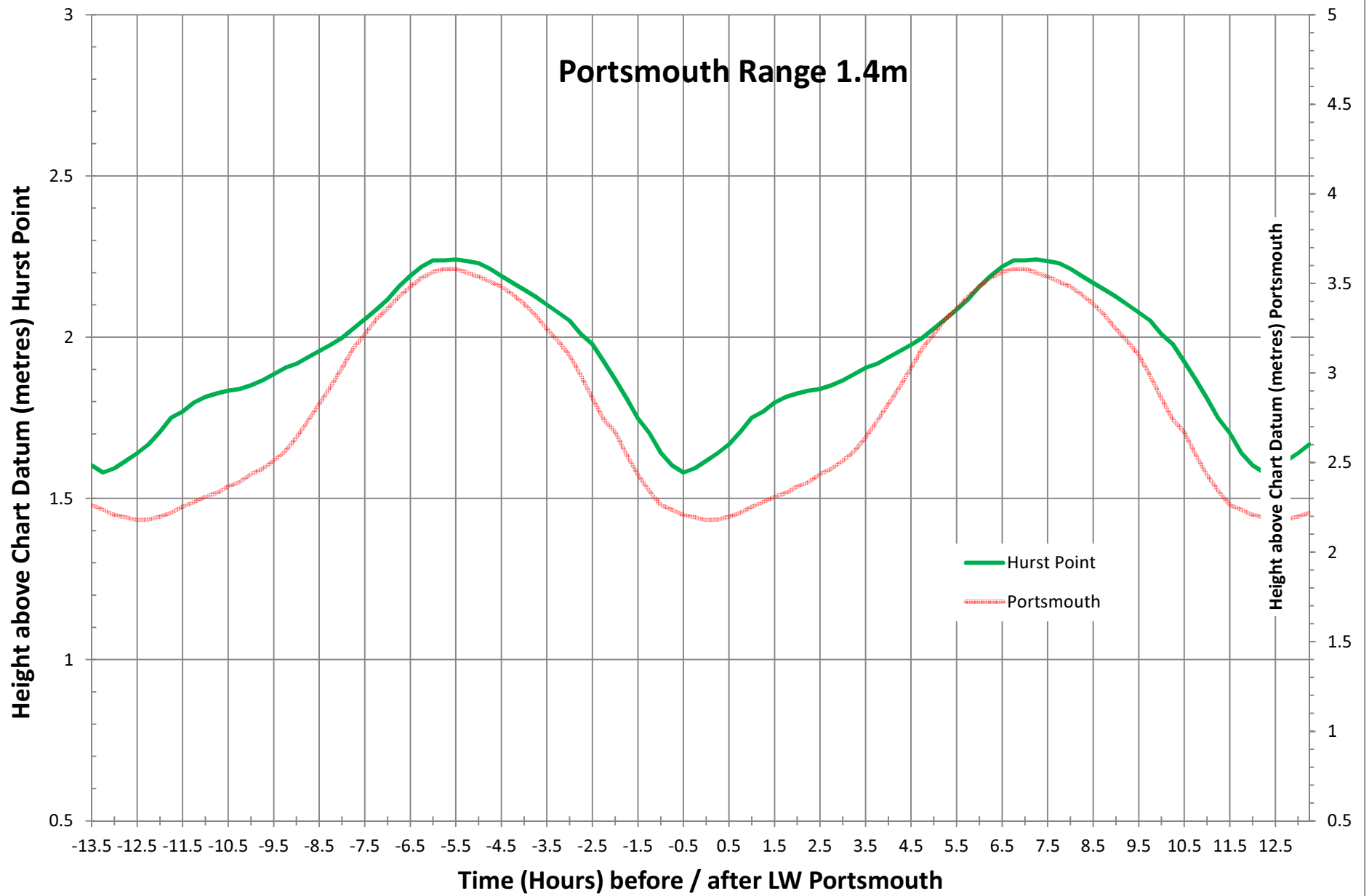




# Portsmouth Range 1.5m



# Portsmouth Range 1.4m



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# Acknowledgements

- The graphs in this publication are derived from the “Special Tidal Curves from Christchurch to Selsey Bill” and from the Portsmouth tidal curve published in Reeds Nautical Almanac
- The relative heights of tide for Portsmouth and Hurst Point are taken from the Tidal Differences for Hurst Point also published in Reeds