



Conyer Cruising Club

Affiliated to the Royal Yachting Association

THE SWALE TIDAL FLOWS

Tidal Streams.

Being subject to considerable variation - all data must be considered approximate.

H.W. SHEERNESS.

- 0555 Stream slack or weak & uncertain through whole length of the channel.
 - 0525 Streams begin to run inwards at both entrances, E & W. In-going streams usually meet near Fowley Is, but the actual locality is subject to some variation in gales very high tides, when it may be situated as far west as Elmeley Ferry Causeway.
 - 0005 Stream between Fowley Is. & the East entrance turns and begins to run East to the Thames Estuary. It runs S & E through the Swale from The Medway to the Thames.
 - + 0105 Stream in the West entrance and channel to about Long Point, turns & begins to run outward to the Medway. Streams separate in the Swale, running outwards to the Medway and Thames Estuary. The locality of separation initiates around Long Point and moves gradually S & E.+ 0205 Separation occurs near Kingsferry Bridge.
 - + 0305 Separation occurs near Milton Creek.
 - + 0335 Separation occurs near Fowley Island.
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W. Entrance of the Swale to Long Point.

- 0555 Stream Slack and uncertain.
- 0525 Stream runs from the Medway for 6.5 hours.
- + 0105 Stream runs towards the Medway for 5.5 hours.

Near Kingsferry Bridge.

- 0525 Stream runs from the Medway for 7.5 hours.
- + 0205 Stream runs towards the Medway for 4.5 hours.

Near Milton Creek.

- 0525 Stream runs from the Medway for 8.5 hours.
- + 0305 Stream runs towards the Medway for 3.5 hours.

SW of Sand End Buoy.-(E. Entrance).

- 0525 Stream runs from Thames Estuary for about 5 hours.
- 0020 Stream runs towards Thames Estuary for about 6.5 hours.

The in-going streams from the Thames Estuary and the Medway are strongest soon after they begin, but decrease as the banks cover; the maximum spring rate of 3' knots being attained near Kingsferry Bridge. The out-going stream to the Thames Estuary and the Medway are also strongest soon after they begin, but decrease as the banks dry; the maximum spring rate of 3 knots near Elmeley and 4 knots near Kingsferry both towards the Medway.

(From Dover St. Pilot). Courtesy of Don Cockrill