

TIDE RISE AND FALL CYCLE

Tide Range = Maximum movement of sea, either as a rise or fall in one tidal half cycle (6hours)

BASIC FORMULAE

Tide Rise or Fall = 1 + 2 + 3 + 3 + 2 + 1 of range of rise or fall whatever the value

FOR EXAMPLE on a rising tide, tide will rise in:

1 st hour	1/12 of range	(if this be say 12')	..rise = 1 foot
2 nd hour	3/12 of range	(if this be say 12')	..rise = 3 feet
3 rd hour	6/12 of range	(if this be say 12')	..rise = 6 feet
4 th hour	9/12 of range	(if this be say 12')	..rise = 9 feet
5 th hour	11/12 of range	(if this be say 12')	..rise = 11 feet
6 th hour	12/12 of range	(if this be say 12')	..rise = 12 feet

EXAMPLE OF 12 FOOT RANGE TIDE IN GRAPH FORM

