

APPROXIMATE DIRECTION AND RATE OF TIDAL STREAMS

Based upon High Water at PORTSMOUTH

1	50°45'·1N 1°06'·3W	Hours before HW	Hours after HW
Direction°	089 115 117 109 033 327	HW	1 2 3 4 5 6
Rate in	0.7 1.1 1.4 0.8 0.3 0.4	1.2	1.8 1.5 0.4 0.5 0.4 0.6
Knots	0.4 0.5 0.7 0.4 0.1 0.2	0.6	0.9 0.7 0.2 0.3 0.2 0.3
2	50°46'·2N 1°05'·4W	Hours before HW	Hours after HW
Direction°	064 061 060 342 340 317	HW	1 2 3 4 5 6
Rate in	0.2 0.2 0.1 0.3 0.7 0.8	0.8	0.6 0.2 0.9 1.0 0.3 0.2
Knots	0.2 0.2 0.1 0.2 0.2 0.3	0.3	0.2 0.1 0.3 0.4 0.3 0.2
3	50°43'·7N 1°03'·9W	Hours before HW	Hours after HW
Direction°	122 129 129 114 335 314	HW	1 2 3 4 5 6
Rate in	0.6 1.2 1.3 0.5 0.4 1.0	1.5	1.7 1.0 0.2 0.9 0.7 0.4
Knots	0.3 0.6 0.7 0.3 0.2 0.5	0.8	0.9 0.5 0.1 0.5 0.3 0.2
4	50°40'·5N 1°03'·5W	Hours before HW	Hours after HW
Direction°	042 044 044 045 048 317	HW	1 2 3 4 5 6
Rate in	1.8 2.3 2.4 2.1 1.4 0.2	1.2	2.2 2.7 2.6 1.7 0.2 1.3
Knots	0.9 1.2 1.2 1.0 0.7 0.1	0.6	1.1 1.4 1.3 0.9 0.1 0.7
5	50°46'·4N 1°01'·3W	Hours before HW	Hours after HW
Direction°	055 039 040 003 347 323	HW	1 2 3 4 5 6
Rate in	0.3 0.4 0.5 0.7 0.9 0.8	0.4	0.4 0.4 2.4 2.4 1.1 0.4
Knots	0.1 0.2 0.2 0.3 0.5 0.4	0.2	0.2 0.2 1.2 1.2 0.6 0.2
6	50°42'·3N 0°59'·5W	Hours before HW	Hours after HW
Direction°	094 085 072 042 353 310	HW	1 2 3 4 5 6
Rate in	1.0 1.3 1.1 0.8 0.7 0.9	1.4	1.4 1.1 1.1 0.9 0.6 0.8
Knots	0.5 0.6 0.6 0.4 0.4 0.5	0.7	0.7 0.6 0.6 0.5 0.3 0.4
7	50°46'·9N 0°56'·1W	Flood Ebb	
Direction°		2.8 6.4	
Rate in		1.0 1.2	
Knots			
8	50°44'·1N 0°53'·3W	Hours before HW	Hours after HW
Direction°	090 096 095 093 - 298	HW	1 2 3 4 5 6
Rate in	0.4 0.8 0.9 0.6 0.0 0.4	0.8	1.0 0.9 0.5 0.3 0.0 0.3
Knots	0.2 0.4 0.4 0.3 0.0 0.2	0.4	0.5 0.4 0.2 0.1 0.0 0.2
9	50°41'·4N 0°48'·3W	Hours before HW	Hours after HW
Direction°	093 095 099 101 108 276	HW	1 2 3 4 5 6
Rate in	1.7 2.4 2.4 1.8 0.7 0.8	2.2	2.5 2.0 1.3 0.5 0.5 1.4
Knots	0.8 1.2 1.2 0.9 0.4 0.4	1.1	1.3 1.0 0.7 0.2 0.2 0.7