

FUGRO GEOS

WEST OF IRELAND DESCRIPTIVE REGIONAL CLIMATOLOGY



Direction (to)	Total Current Speed Counts																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	48	153	347	339	319	201	95	24	5	1	0	0	0	0	0	0	1532
020 °T	38	102	218	236	208	117	45	8	3	1	0	0	0	0	0	0	976
040 °T	30	71	111	116	120	57	29	6	4	0	0	0	0	0	0	0	544
060 °T	15	32	34	28	27	26	19	10	1	2	0	0	0	0	0	0	194
080 °T	14	22	10	11	12	1	0	0	0	0	0	0	0	0	0	0	70
100 °T	7	18	10	2	1	1	0	1	1	0	0	0	0	0	0	0	41
120 °T	8	13	2	1	0	1	0	0	0	0	0	0	0	0	0	0	25
140 °T	8	9	3	1	1	0	0	0	0	0	0	0	0	0	0	0	22
160 °T	6	7	6	5	0	1	0	0	0	0	0	0	0	0	0	0	25
180 °T	2	17	5	4	2	2	0	0	0	0	0	0	0	0	0	0	32
200 °T	2	12	8	3	1	0	0	0	0	0	0	0	0	0	0	0	26
220 °T	4	26	25	7	1	0	0	0	0	0	0	0	0	0	0	0	63
240 °T	7	38	30	15	4	1	11	0	0	0	0	0	0	0	0	0	106
260 °T	8	51	44	32	38	25	9	0	0	0	0	0	0	0	0	0	207
280 °T	12	55	136	107	106	45	17	0	0	0	0	0	0	0	0	0	478
300 °T	25	115	293	320	218	139	37	3	1	0	0	0	0	0	0	0	1151
320 °T	48	201	420	560	426	322	151	49	5	5	0	0	0	0	0	0	2187
340 °T	53	203	438	423	360	271	185	71	9	3	0	0	0	0	0	0	2016
Column Total	335	1145	2140	2210	1844	1210	598	172	29	12	0	0	0	0	0	0	9695
Direction (to)	Total Current Speed as Percentage																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	0.5	1.6	3.6	3.5	3.3	2.1	1.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8
020 °T	0.4	1.1	2.2	2.4	2.1	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1
040 °T	0.3	0.7	1.1	1.2	1.2	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
060 °T	0.2	0.3	0.4	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
080 °T	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
100 °T	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
120 °T	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
140 °T	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
160 °T	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
180 °T	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
200 °T	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
220 °T	0.0	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
240 °T	0.1	0.4	0.3	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
260 °T	0.1	0.5	0.5	0.3	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
280 °T	0.1	0.6	1.4	1.1	1.1	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
300 °T	0.3	1.2	3.0	3.3	2.2	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9
320 °T	0.5	2.1	4.3	5.8	4.4	3.3	1.6	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	22.6
340 °T	0.5	2.1	4.5	4.4	3.7	2.8	1.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8
Column Total	3.5	11.8	22.1	22.8	19.0	12.5	6.2	1.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-8 - Current Statistics in 5 cm/s intervals for Mooring Reference 5323 at 51.690°N, 14.938°W at 29m Above Seabed (Instrument Depth 757m)

FUGRO GEOS

WEST OF IRELAND DESCRIPTIVE REGIONAL CLIMATOLOGY



Direction (to)	Total Current Speed Counts																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	69	362	450	311	113	15	1	0	0	0	0	0	0	0	0	0	1321
020 °T	57	131	88	20	25	4	0	0	0	0	0	0	0	0	0	0	325
040 °T	25	51	8	3	0	0	0	0	0	0	0	0	0	0	0	0	87
060 °T	12	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
080 °T	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
100 °T	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
120 °T	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
140 °T	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
160 °T	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
180 °T	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
200 °T	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
220 °T	24	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
240 °T	32	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
260 °T	43	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
280 °T	45	49	1	0	0	0	0	0	0	0	0	0	0	0	0	0	95
300 °T	79	139	27	1	0	0	0	0	0	0	0	0	0	0	0	0	246
320 °T	109	319	185	44	9	2	0	0	0	0	0	0	0	0	0	0	668
340 °T	128	453	447	210	68	9	0	0	0	0	0	0	0	0	0	0	1315
Column Total	720	1594	1206	589	215	30	1	0	0	0	0	0	0	0	0	0	4355
Direction (to)	Total Current Speed as Percentage																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	1.6	8.3	10.3	7.1	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.3
020 °T	1.3	3.0	2.0	0.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5
040 °T	0.6	1.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
060 °T	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
080 °T	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
100 °T	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
120 °T	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
140 °T	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
160 °T	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
180 °T	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
200 °T	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
220 °T	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
240 °T	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
260 °T	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
280 °T	1.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
300 °T	1.8	3.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
320 °T	2.5	7.3	4.2	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3
340 °T	2.9	10.4	10.3	4.8	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2
Column Total	16.5	36.6	27.7	13.5	4.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-9 - Current Statistics in 5 cm/s intervals for Mooring Reference 5474 at 51.697°N, 14.955°W at 50m Above Seabed (Instrument Depth 728m)

FUGRO GEOS

WEST OF IRELAND DESCRIPTIVE REGIONAL CLIMATOLOGY



Direction (to)	Total Current Speed Counts																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	109	389	348	183	69	20	2	0	0	0	0	0	0	0	0	0	1120
020 °T	122	287	184	70	39	4	0	0	0	0	0	0	0	0	0	0	706
040 °T	109	197	83	18	4	0	0	0	0	0	0	0	0	0	0	0	411
060 °T	95	193	79	22	1	0	0	0	0	0	0	0	0	0	0	0	390
080 °T	74	128	57	4	0	0	0	0	0	0	0	0	0	0	0	0	263
100 °T	70	69	24	0	0	0	0	0	0	0	0	0	0	0	0	0	163
120 °T	61	46	17	0	0	0	0	0	0	0	0	0	0	0	0	0	124
140 °T	44	46	3	0	0	0	0	0	0	0	0	0	0	0	0	0	93
160 °T	60	41	11	0	2	0	0	0	0	0	0	0	0	0	0	0	114
180 °T	55	48	10	1	2	0	0	0	0	0	0	0	0	0	0	0	116
200 °T	42	81	17	4	1	0	0	0	0	0	0	0	0	0	0	0	145
220 °T	48	77	25	5	0	0	0	0	0	0	0	0	0	0	0	0	155
240 °T	71	121	48	3	1	0	0	0	0	0	0	0	0	0	0	0	244
260 °T	86	168	67	6	2	0	0	0	0	0	0	0	0	0	0	0	329
280 °T	89	210	120	12	4	0	0	0	0	0	0	0	0	0	0	0	435
300 °T	118	300	236	89	16	1	0	0	0	0	0	0	0	0	0	0	760
320 °T	139	381	383	180	61	5	1	0	0	0	0	0	0	0	0	0	1150
340 °T	115	508	440	268	111	37	6	1	0	0	0	0	0	0	0	0	1486
Column Total	1507	3290	2152	865	313	67	9	1	0	0	0	0	0	0	0	0	8204
Direction (to)	Total Current Speed as Percentage																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	1.3	4.7	4.2	2.2	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7
020 °T	1.5	3.5	2.2	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6
040 °T	1.3	2.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
060 °T	1.2	2.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
080 °T	0.9	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
100 °T	0.9	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
120 °T	0.7	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
140 °T	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
160 °T	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
180 °T	0.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
200 °T	0.5	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
220 °T	0.6	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
240 °T	0.9	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
260 °T	1.0	2.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
280 °T	1.1	2.6	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
300 °T	1.4	3.7	2.9	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
320 °T	1.7	4.6	4.7	2.2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0
340 °T	1.4	6.2	5.4	3.3	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1
Column Total	18.4	40.1	26.2	10.5	3.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-10 - Current Statistics in 5 cm/s intervals for Mooring Reference 5379 at 51.712°N, 15.185°W at 730m Above Seabed (Instrument Depth 979m)

FUGRO GEOS

WEST OF IRELAND DESCRIPTIVE REGIONAL CLIMATOLOGY



Direction (to)	Total Current Speed Counts																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	29	113	134	154	117	33	15	2	0	0	0	0	0	0	0	0	597
020 °T	25	77	101	114	70	25	2	0	0	0	0	0	0	0	0	0	414
040 °T	17	49	61	47	39	14	2	0	0	0	0	0	0	0	0	0	229
060 °T	12	24	32	27	14	2	1	0	0	0	0	0	0	0	0	0	112
080 °T	9	25	17	7	1	0	0	0	0	0	0	0	0	0	0	0	59
100 °T	12	15	8	2	0	0	0	0	0	0	0	0	0	0	0	0	37
120 °T	7	24	12	3	0	0	0	0	0	0	0	0	0	0	0	0	46
140 °T	17	41	14	1	0	0	0	0	0	0	0	0	0	0	0	0	73
160 °T	17	56	13	4	0	0	0	0	0	0	0	0	0	0	0	0	90
180 °T	19	57	33	12	1	0	0	0	0	0	0	0	0	0	0	0	122
200 °T	20	53	37	14	1	0	0	0	0	0	0	0	0	0	0	0	125
220 °T	22	69	26	9	1	0	0	0	0	0	0	0	0	0	0	0	127
240 °T	35	92	15	0	0	0	0	0	0	0	0	0	0	0	0	0	142
260 °T	36	100	23	0	0	0	0	0	0	0	0	0	0	0	0	0	159
280 °T	37	137	39	8	0	0	0	0	0	0	0	0	0	0	0	0	221
300 °T	32	167	91	50	7	0	0	0	0	0	0	0	0	0	0	0	347
320 °T	47	217	201	179	72	20	6	0	0	0	0	0	0	0	0	0	742
340 °T	42	194	185	173	98	27	5	2	0	0	0	0	0	0	0	0	726
Column Total	435	1510	1042	804	421	121	31	4	0	0	0	0	0	0	0	0	4368
Direction (to)	Total Current Speed as Percentage																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	0.7	2.6	3.1	3.5	2.7	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7
020 °T	0.6	1.8	2.3	2.6	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5
040 °T	0.4	1.1	1.4	1.1	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
060 °T	0.3	0.5	0.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
080 °T	0.2	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
100 °T	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
120 °T	0.2	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
140 °T	0.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
160 °T	0.4	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
180 °T	0.4	1.3	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
200 °T	0.5	1.2	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
220 °T	0.5	1.6	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
240 °T	0.8	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
260 °T	0.8	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
280 °T	0.8	3.1	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
300 °T	0.7	3.8	2.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9
320 °T	1.1	5.0	4.6	4.1	1.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
340 °T	1.0	4.4	4.2	4.0	2.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6
Column Total	10.0	34.6	23.9	18.4	9.6	2.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-11 - Current Statistics in 5 cm/s intervals for Mooring Reference 5374 at 51.697°N, 14.955°W at 50m Above Seabed (Instrument Depth 728m)

FUGRO GEOS

WEST OF IRELAND DESCRIPTIVE REGIONAL CLIMATOLOGY



Direction (to)	Total Current Speed Counts																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	308	313	413	435	341	239	133	38	2	0	0	0	0	0	0	0	2222
020 °T	158	155	179	199	158	91	30	5	1	0	0	0	0	0	0	0	976
040 °T	92	74	83	95	66	17	4	0	0	0	0	0	0	0	0	0	431
060 °T	69	49	53	36	23	4	0	0	0	0	0	0	0	0	0	0	234
080 °T	59	48	35	15	1	0	1	0	0	0	0	0	0	0	0	0	159
100 °T	36	21	27	7	2	0	0	0	0	0	0	0	0	0	0	0	93
120 °T	40	23	12	1	0	0	0	0	0	0	0	0	0	0	0	0	76
140 °T	47	32	11	0	0	0	0	0	0	0	0	0	0	0	0	0	90
160 °T	52	38	16	3	0	0	0	0	0	0	0	0	0	0	0	0	109
180 °T	65	47	19	2	0	0	0	0	0	0	0	0	0	0	0	0	133
200 °T	72	51	26	5	1	0	0	0	0	0	0	0	0	0	0	0	155
220 °T	84	85	53	20	2	0	0	0	0	0	0	0	0	0	0	0	244
240 °T	100	114	74	35	5	0	0	0	0	0	0	0	0	0	0	0	328
260 °T	98	142	95	19	2	0	0	0	0	0	0	0	0	0	0	0	356
280 °T	157	141	99	23	3	0	0	0	0	0	0	0	0	0	0	0	423
300 °T	168	170	119	29	1	0	0	0	0	0	0	0	0	0	0	0	487
320 °T	261	233	186	86	25	11	7	0	0	0	0	0	0	0	0	0	809
340 °T	415	362	424	349	246	168	85	23	2	0	0	0	0	0	0	0	2074
Column Total	2281	2098	1924	1359	876	530	260	66	5	0	0	0	0	0	0	0	9399
Direction (to)	Total Current Speed as Percentage																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	3.3	3.3	4.4	4.6	3.6	2.5	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6
020 °T	1.7	1.6	1.9	2.1	1.7	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4
040 °T	1.0	0.8	0.9	1.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
060 °T	0.7	0.5	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
080 °T	0.6	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
100 °T	0.4	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
120 °T	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
140 °T	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
160 °T	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
180 °T	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
200 °T	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
220 °T	0.9	0.9	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
240 °T	1.1	1.2	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
260 °T	1.0	1.5	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
280 °T	1.7	1.5	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
300 °T	1.8	1.8	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
320 °T	2.8	2.5	2.0	0.9	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6
340 °T	4.4	3.9	4.5	3.7	2.6	1.8	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1
Column Total	24.3	22.3	20.5	14.5	9.3	5.6	2.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-12 - Current Statistics in 5 cm/s intervals for Mooring Reference 5378 at 51.707°N, 14.915°W at 30m Above Seabed (Instrument Depth 711m)

FUGRO GEOS

WEST OF IRELAND DESCRIPTIVE REGIONAL CLIMATOLOGY



Direction (to)	Total Current Speed Counts																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	94	301	399	191	56	5	0	0	0	0	0	0	0	0	0	0	1046
020 °T	49	251	253	101	31	5	1	0	0	0	0	0	0	0	0	0	691
040 °T	51	138	109	81	22	4	1	0	0	0	0	0	0	0	0	0	406
060 °T	61	65	44	36	6	1	0	0	0	0	0	0	0	0	0	0	213
080 °T	66	61	47	21	7	0	0	0	0	0	0	0	0	0	0	0	202
100 °T	44	80	43	23	9	0	0	0	0	0	0	0	0	0	0	0	199
120 °T	54	90	55	24	2	0	0	0	0	0	0	0	0	0	0	0	225
140 °T	48	65	45	1	0	0	0	0	0	0	0	0	0	0	0	0	159
160 °T	39	54	21	1	0	0	0	0	0	0	0	0	0	0	0	0	115
180 °T	29	62	30	2	1	0	0	0	0	0	0	0	0	0	0	0	124
200 °T	35	63	45	9	0	0	0	0	0	0	0	0	0	0	0	0	152
220 °T	51	92	47	13	1	0	0	0	0	0	0	0	0	0	0	0	204
240 °T	49	87	38	7	0	0	0	0	0	0	0	0	0	0	0	0	181
260 °T	58	125	51	5	0	0	0	0	0	0	0	0	0	0	0	0	239
280 °T	79	167	75	26	11	5	0	0	0	0	0	0	0	0	0	0	363
300 °T	102	293	251	138	53	10	0	0	0	0	0	0	0	0	0	0	847
320 °T	98	364	463	328	171	31	2	0	0	0	0	0	0	0	0	0	1457
340 °T	92	354	493	343	106	25	3	0	0	0	0	0	0	0	0	0	1416
Column Total	1099	2712	2509	1350	476	86	7	0	0	0	0	0	0	0	0	0	8239
Direction (to)	Total Current Speed as Percentage																Row Total
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	
000 °T	1.1	3.7	4.8	2.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7
020 °T	0.6	3.0	3.1	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4
040 °T	0.6	1.7	1.3	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
060 °T	0.7	0.8	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
080 °T	0.8	0.7	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
100 °T	0.5	1.0	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
120 °T	0.7	1.1	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
140 °T	0.6	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
160 °T	0.5	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
180 °T	0.4	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
200 °T	0.4	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
220 °T	0.6	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
240 °T	0.6	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
260 °T	0.7	1.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
280 °T	1.0	2.0	0.9	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
300 °T	1.2	3.6	3.0	1.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3
320 °T	1.2	4.4	5.6	4.0	2.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7
340 °T	1.1	4.3	6.0	4.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2
Column Total	13.3	32.9	30.5	16.4	5.8	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-13 - Current Statistics in 5 cm/s intervals for Mooring Reference 7393 at 51.048°N, 15.165°W at 2377m Above Seabed (Instrument Depth 601m)