

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	43	62	18	2	0	0	0	0	0	0	0	0	0	0	0	0	125
020 °T	64	134	20	5	0	0	0	0	0	0	0	0	0	0	0	0	223
040 °T	38	78	13	2	0	0	0	0	0	0	0	0	0	0	0	0	131
060 °T	13	38	4	0	0	0	0	0	0	0	0	0	0	0	0	0	55
080 °T	26	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
100 °T	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
120 °T	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
140 °T	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
160 °T	33	30	3	0	0	0	0	0	0	0	0	0	0	0	0	0	66
180 °T	67	150	81	14	0	0	0	0	0	0	0	0	0	0	0	0	312
200 °T	64	201	95	13	0	0	0	0	0	0	0	0	0	0	0	0	373
220 °T	72	135	27	3	0	0	0	0	0	0	0	0	0	0	0	0	237
240 °T	53	43	2	0	0	0	0	0	0	0	0	0	0	0	0	0	98
260 °T	20	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
280 °T	21	25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	47
300 °T	20	17	2	0	0	0	0	0	0	0	0	0	0	0	0	0	39
320 °T	17	18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	37
340 °T	20	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Column Total	603	1007	276	39	0	0	0	0	0	0	0	0	0	0	0	0	1925
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	2.2	3.2	0.9	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	6.5
020 °T	3.3	7.0	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	11.6
040 °T	2.0	4.1	0.7	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	6.8
060 °T	0.7	2.0	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	2.9
080 °T	1.4	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	0.0	2.0
100 °T	0.7	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	0.0	1.1
120 °T	0.3	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	0.0	0.8
140 °T	0.7	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	0.0	1.2
160 °T	1.7	1.6	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	3.4
180 °T	3.5	7.8	4.2	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	16.2
200 °T	3.3	10.4	4.9	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	19.4
220 °T	3.7	7.0	1.4	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	12.3
240 °T	2.8	2.2	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	5.1
260 °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
280 °T	1.1	1.3	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	2.4
300 °T	1.0	0.9	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	2.0
320 °T	0.9	0.9	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	1.9
340 °T	1.0	0.7	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	2.1
Column Total	31.3	52.3	14.3	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	100.0

Table C-14 - Current Statistics in 5 cm/s intervals for Mooring Reference 5476 at 51.702°N, 15.313°W at 1105m Above Seabed (Instrument Depth 1299m)

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	80	182	37	3	0	0	0	0	0	0	0	0	0	0	0	0	302
020 °T	79	274	198	47	8	0	0	0	0	0	0	0	0	0	0	0	606
040 °T	64	216	198	101	10	0	0	0	0	0	0	0	0	0	0	0	589
060 °T	36	120	69	21	1	0	0	0	0	0	0	0	0	0	0	0	247
080 °T	28	37	17	5	0	0	0	0	0	0	0	0	0	0	0	0	87
100 °T	23	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	41
120 °T	22	20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	44
140 °T	6	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	19
160 °T	14	29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	44
180 °T	5	50	15	4	0	0	0	0	0	0	0	0	0	0	0	0	74
200 °T	9	64	40	30	10	1	0	0	0	0	0	0	0	0	0	0	154
220 °T	18	74	101	103	37	6	0	0	0	0	0	0	0	0	0	0	339
240 °T	37	120	114	66	19	2	0	0	0	0	0	0	0	0	0	0	358
260 °T	40	147	123	37	5	0	0	0	0	0	0	0	0	0	0	0	352
280 °T	62	180	80	15	0	0	0	0	0	0	0	0	0	0	0	0	337
300 °T	65	139	66	4	0	0	0	0	0	0	0	0	0	0	0	0	274
320 °T	85	126	32	0	0	0	0	0	0	0	0	0	0	0	0	0	243
340 °T	84	142	17	2	0	0	0	0	0	0	0	0	0	0	0	0	245
Column Total	757	1947	1114	438	90	9	0	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	1.8	4.2	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	6.9
020 °T	1.8	6.3	4.5	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	13.9
040 °T	1.5	5.0	4.5	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5
060 °T	0.8	2.8	1.6	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	5.7
080 °T	0.6	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	0.0	2.0
100 °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	0.9
120 °T	0.5	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	0.0	1.0
140 °T	0.1	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	0.0	0.4
160 °T	0.3	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	0.0	1.0
180 °T	0.1	1.1	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	1.7
200 °T	0.2	1.5	0.9	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	3.5
220 °T	0.4	1.7	2.3	2.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8
240 °T	0.8	2.8	2.6	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2
260 °T	0.9	3.4	2.8	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	8.1
280 °T	1.4	4.1	1.8	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	7.7
300 °T	1.5	3.2	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	6.3
320 °T	2.0	2.9	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	5.6
340 °T	1.9	3.3	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	5.6
Column Total	17.4	44.7	25.6	10.1	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-15 - Current Statistics in 5 cm/s intervals for Mooring Reference 5475 at 51.685°N, 15.212°W at 50m Above Seabed (Instrument Depth 1487m)

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	110	31	11	3	0	0	0	0	0	0	0	0	0	0	0	0	155
020 °T	120	54	10	15	8	7	0	2	1	0	0	0	0	0	0	0	217
040 °T	128	118	34	15	12	8	2	0	0	0	0	0	0	0	0	0	317
060 °T	191	301	182	83	25	5	0	0	0	0	0	0	0	0	0	0	787
080 °T	163	262	117	31	11	0	0	0	0	0	0	0	0	0	0	0	584
100 °T	115	109	29	4	0	0	0	0	0	0	0	0	0	0	0	0	257
120 °T	81	66	14	3	0	0	0	0	0	0	0	0	0	0	0	0	164
140 °T	79	55	18	5	0	0	0	0	0	0	0	0	0	0	0	0	157
160 °T	60	44	32	4	0	0	0	0	0	0	0	0	0	0	0	0	140
180 °T	67	69	45	11	3	0	0	0	0	0	0	0	0	0	0	0	195
200 °T	60	108	82	51	20	0	0	0	0	0	0	0	0	0	0	0	321
220 °T	62	147	137	71	29	0	0	0	0	0	0	0	0	0	0	0	446
240 °T	100	222	130	78	21	0	0	0	0	0	0	0	0	0	0	0	551
260 °T	126	294	169	70	8	0	0	0	0	0	0	0	0	0	0	0	667
280 °T	171	288	206	65	7	0	0	0	0	0	0	0	0	0	0	0	737
300 °T	177	231	58	11	0	0	0	0	0	0	0	0	0	0	0	0	477
320 °T	155	94	4	1	0	0	0	0	0	0	0	0	0	0	0	0	254
340 °T	140	40	6	0	0	0	0	0	0	0	0	0	0	0	0	0	186
Column Total	2105	2533	1284	521	144	20	2	2	1	0	0	0	0	0	0	0	6612
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	1.7	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	2.3
020 °T	1.8	0.8	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
040 °T	1.9	1.8	0.5	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
060 °T	2.9	4.6	2.8	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9
080 °T	2.5	4.0	1.8	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	8.8
100 °T	1.7	1.6	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	0.0	3.9
120 °T	1.2	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	0.0	0.0	2.5
140 °T	1.2	0.8	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	2.4
160 °T	0.9	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	2.1
180 °T	1.0	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	0.0	0.0	2.9
200 °T	0.9	1.6	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	4.9
220 °T	0.9	2.2	2.1	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
240 °T	1.5	3.4	2.0	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3
260 °T	1.9	4.4	2.6	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1
280 °T	2.6	4.4	3.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1
300 °T	2.7	3.5	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	7.2
320 °T	2.3	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
340 °T	2.1	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	2.8
Column Total	31.8	38.3	19.4	7.9	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-16 - Current Statistics in 5 cm/s intervals for Mooring Reference 5380 at 51.712°N, 15.185°W at 30m Above Seabed (Instrument Depth 1679m)

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	137	290	121	73	17	5	0	0	0	0	0	0	0	0	0	0	643
020 °T	161	225	64	20	0	0	0	0	0	0	0	0	0	0	0	0	470
040 °T	175	163	15	3	0	0	0	0	0	0	0	0	0	0	0	0	356
060 °T	172	124	8	0	0	0	0	0	0	0	0	0	0	0	0	0	304
080 °T	165	106	7	0	0	0	0	0	0	0	0	0	0	0	0	0	278
100 °T	167	132	4	0	0	0	0	0	0	0	0	0	0	0	0	0	303
120 °T	155	250	31	2	0	0	0	0	0	0	0	0	0	0	0	0	438
140 °T	151	396	231	36	3	0	0	0	0	0	0	0	0	0	0	0	817
160 °T	104	346	225	99	17	0	0	0	0	0	0	0	0	0	0	0	791
180 °T	109	192	86	51	24	2	0	0	0	0	0	0	0	0	0	0	464
200 °T	91	176	58	28	5	0	0	0	0	0	0	0	0	0	0	0	358
220 °T	123	132	40	3	0	0	0	0	0	0	0	0	0	0	0	0	298
240 °T	126	97	15	4	2	0	0	0	0	0	0	0	0	0	0	0	244
260 °T	130	93	7	2	2	0	0	0	0	0	0	0	0	0	0	0	234
280 °T	140	106	21	15	11	3	0	0	0	0	0	0	0	0	0	0	296
300 °T	130	211	50	20	20	10	0	0	0	0	0	0	0	0	0	0	441
320 °T	124	300	138	45	22	17	0	0	0	0	0	0	0	0	0	0	646
340 °T	139	249	156	70	20	9	0	0	0	0	0	0	0	0	0	0	643
Column Total	2499	3588	1277	471	143	46	0	0	0	0	0	0	0	0	0	0	8024
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	1.7	3.6	1.5	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
020 °T	2.0	2.8	0.8	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	5.9
040 °T	2.2	2.0	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	4.4
060 °T	2.1	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	0.0	3.8
080 °T	2.1	1.3	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	3.5
100 °T	2.1	1.6	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	3.8
120 °T	1.9	3.1	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	5.5
140 °T	1.9	4.9	2.9	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	10.2
160 °T	1.3	4.3	2.8	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9
180 °T	1.4	2.4	1.1	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	5.8
200 °T	1.1	2.2	0.7	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	4.5
220 °T	1.5	1.6	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	3.7
240 °T	1.6	1.2	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	3.0
260 °T	1.6	1.2	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	2.9
280 °T	1.7	1.3	0.3	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	3.7
300 °T	1.6	2.6	0.6	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
320 °T	1.5	3.7	1.7	0.6	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1
340 °T	1.7	3.1	1.9	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
Column Total	31.1	44.7	15.9	5.9	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-17 - Current Statistics in 5 cm/s intervals for Mooring Reference 7394 at 51.048°N, 15.165°W at 1317m Above Seabed (Instrument Depth 1661m)