

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	73	178	199	88	21	2	0	0	0	0	0	0	0	0	0	0	561
020 °T	65	149	119	38	7	0	0	0	0	0	0	0	0	0	0	0	378
040 °T	61	115	49	18	5	0	0	0	0	0	0	0	0	0	0	0	248
060 °T	69	106	16	0	0	0	0	0	0	0	0	0	0	0	0	0	191
080 °T	62	76	14	1	0	0	0	0	0	0	0	0	0	0	0	0	153
100 °T	77	118	68	12	20	5	0	0	0	0	0	0	0	0	0	0	300
120 °T	75	203	131	72	13	0	0	0	0	0	0	0	0	0	0	0	494
140 °T	115	224	267	97	9	0	0	0	0	0	0	0	0	0	0	0	712
160 °T	102	267	393	138	57	12	0	0	0	0	0	0	0	0	0	0	969
180 °T	86	324	455	193	40	14	0	0	0	0	0	0	0	0	0	0	1112
200 °T	87	308	221	95	34	6	0	0	0	0	0	0	0	0	0	0	751
220 °T	105	200	136	29	0	0	0	0	0	0	0	0	0	0	0	0	470
240 °T	103	204	77	17	0	0	0	0	0	0	0	0	0	0	0	0	401
260 °T	88	177	51	18	2	0	0	0	0	0	0	0	0	0	0	0	336
280 °T	94	191	50	16	0	0	0	0	0	0	0	0	0	0	0	0	351
300 °T	104	211	91	53	7	1	0	0	0	0	0	0	0	0	0	0	467
320 °T	81	192	152	50	21	0	0	0	0	0	0	0	0	0	0	0	496
340 °T	85	219	151	54	30	3	0	0	0	0	0	0	0	0	0	0	542
Column Total	1532	3462	2640	989	266	43	0	0	0	0	0	0	0	0	0	0	8932
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	0.8	2.0	2.2	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	6.3
020 °T	0.7	1.7	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	0.0	4.2
040 °T	0.7	1.3	0.5	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	2.8
060 °T	0.8	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	0.0	0.0	2.1
080 °T	0.7	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	0.0	1.7
100 °T	0.9	1.3	0.8	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	3.4
120 °T	0.8	2.3	1.5	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	5.5
140 °T	1.3	2.5	3.0	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	8.0
160 °T	1.1	3.0	4.4	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	10.8
180 °T	1.0	3.6	5.1	2.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4
200 °T	1.0	3.4	2.5	1.1	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
220 °T	1.2	2.2	1.5	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	5.3
240 °T	1.2	2.3	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	4.5
260 °T	1.0	2.0	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	3.8
280 °T	1.1	2.1	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	3.9
300 °T	1.2	2.4	1.0	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	5.2
320 °T	0.9	2.1	1.7	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	5.6
340 °T	1.0	2.5	1.7	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	6.1
Column Total	17.2	38.8	29.6	11.1	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-1 - Current Statistics in 5 cm/s intervals for Mooring Reference 5375 at 51.693°N, 14.738°W at 207m Above Seabed (Instrument Depth 293m)

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	116	397	331	105	38	3	2	0	0	0	0	0	0	0	0	0	992
020 °T	103	270	221	64	8	1	0	0	0	0	0	0	0	0	0	0	667
040 °T	104	182	92	16	4	0	0	0	0	0	0	0	0	0	0	0	398
060 °T	97	151	72	14	5	0	0	0	0	0	0	0	0	0	0	0	339
080 °T	67	111	65	36	7	1	1	0	0	0	0	0	0	0	0	0	288
100 °T	73	106	56	20	4	3	1	0	0	0	0	0	0	0	0	0	263
120 °T	78	110	46	27	3	1	0	0	0	0	0	0	0	0	0	0	265
140 °T	83	165	43	10	2	0	0	0	0	0	0	0	0	0	0	0	303
160 °T	132	162	42	5	1	0	0	0	0	0	0	0	0	0	0	0	342
180 °T	133	144	47	19	1	1	0	0	0	0	0	0	0	0	0	0	345
200 °T	103	155	99	29	1	0	0	0	0	0	0	0	0	0	0	0	387
220 °T	95	196	101	33	8	0	0	0	0	0	0	0	0	0	0	0	433
240 °T	108	218	117	19	1	0	0	0	0	0	0	0	0	0	0	0	463
260 °T	81	217	90	25	6	0	0	0	0	0	0	0	0	0	0	0	419
280 °T	87	238	111	36	18	4	0	0	0	0	0	0	0	0	0	0	494
300 °T	107	315	181	68	21	2	1	0	0	0	0	0	0	0	0	0	695
320 °T	114	387	277	148	31	5	0	0	0	0	0	0	0	0	0	0	962
340 °T	144	452	375	164	69	27	3	0	0	0	0	0	0	0	0	0	1234
Column Total	1825	3976	2366	838	228	48	8	0	0	0	0	0	0	0	0	0	9289
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	1.2	4.3	3.6	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	10.7
020 °T	1.1	2.9	2.4	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	7.2
040 °T	1.1	2.0	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	4.3
060 °T	1.0	1.6	0.8	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	3.6
080 °T	0.7	1.2	0.7	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	3.1
100 °T	0.8	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	2.8
120 °T	0.8	1.2	0.5	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
140 °T	0.9	1.8	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	3.3
160 °T	1.4	1.7	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	3.7
180 °T	1.4	1.6	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	3.7
200 °T	1.1	1.7	1.1	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	4.2
220 °T	1.0	2.1	1.1	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	4.7
240 °T	1.2	2.3	1.3	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	5.0
260 °T	0.9	2.3	1.0	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
280 °T	0.9	2.6	1.2	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	5.3
300 °T	1.2	3.4	1.9	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	7.5
320 °T	1.2	4.2	3.0	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4
340 °T	1.6	4.9	4.0	1.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3
Column Total	19.6	42.8	25.5	9.0	2.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-2 - Current Statistics in 5 cm/s intervals for Mooring Reference 5376 at 51.693°N, 14.738°W at 29m Above Seabed (Instrument Depth 471m)

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	90	314	383	655	773	573	282	157	64	22	9	0	0	0	0	0	3322
020 °T	58	228	195	231	215	182	73	23	1	0	0	0	0	0	0	0	1206
040 °T	45	152	84	46	53	18	12	2	2	0	0	0	0	0	0	0	414
060 °T	44	120	49	23	28	2	5	0	0	0	0	0	0	0	0	0	271
080 °T	40	61	19	22	29	8	0	0	0	0	0	0	0	0	0	0	179
100 °T	33	73	45	19	16	13	0	0	0	0	0	0	0	0	0	0	199
120 °T	32	41	9	18	8	2	0	0	0	0	0	0	0	0	0	0	110
140 °T	29	21	6	6	2	0	0	0	0	0	0	0	0	0	0	0	64
160 °T	26	21	4	2	0	0	0	0	0	0	0	0	0	0	0	0	53
180 °T	27	21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	50
200 °T	28	29	19	7	2	0	0	0	0	0	0	0	0	0	0	0	85
220 °T	26	29	15	27	14	4	0	0	0	0	0	0	0	0	0	0	115
240 °T	29	41	25	37	36	15	18	23	7	9	1	0	0	0	0	0	241
260 °T	33	42	34	39	19	13	2	0	0	0	0	0	0	0	0	0	182
280 °T	45	69	26	42	12	4	3	1	0	0	0	0	0	0	0	0	202
300 °T	53	116	33	37	16	13	4	0	0	0	0	0	0	0	0	0	272
320 °T	60	179	166	131	154	92	26	8	0	0	0	0	0	0	0	0	816
340 °T	84	206	250	414	437	369	206	50	23	5	1	0	0	0	0	0	2045
Column Total	782	1763	1364	1756	1814	1308	631	264	97	36	11	0	0	0	0	0	9826
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	0.9	3.2	3.9	6.7	7.9	5.8	2.9	1.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	33.8
020 °T	0.6	2.3	2.0	2.4	2.2	1.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3
040 °T	0.5	1.5	0.9	0.5	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
060 °T	0.4	1.2	0.5	0.2	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
080 °T	0.4	0.6	0.2	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	1.8
100 °T	0.3	0.7	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	2.0
120 °T	0.3	0.4	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	1.1
140 °T	0.3	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	0.0	0.0	0.7
160 °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
180 °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
200 °T	0.3	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	0.0	0.9
220 °T	0.3	0.3	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	1.2
240 °T	0.3	0.4	0.3	0.4	0.4	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5
260 °T	0.3	0.4	0.3	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	1.9
280 °T	0.5	0.7	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
300 °T	0.5	1.2	0.3	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	2.8
320 °T	0.6	1.8	1.7	1.3	1.6	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3
340 °T	0.9	2.1	2.5	4.2	4.4	3.8	2.1	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	20.8
Column Total	8.0	17.9	13.9	17.9	18.5	13.3	6.4	2.7	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	100.0

Table C-3 - Current Statistics in 5 cm/s intervals for Mooring Reference 5322 at 51.690°N, 14.938°W at 434m Above Seabed (Instrument Depth 352m)

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	113	414	429	317	121	39	14	1	0	0	0	0	0	0	0	0	1448
020 °T	131	418	468	344	164	61	20	0	0	0	0	0	0	0	0	0	1606
040 °T	119	311	232	163	52	8	1	0	0	0	0	0	0	0	0	0	886
060 °T	89	156	84	35	19	1	0	0	0	0	0	0	0	0	0	0	384
080 °T	86	141	34	25	20	6	0	0	0	0	0	0	0	0	0	0	312
100 °T	78	97	45	22	1	0	0	0	0	0	0	0	0	0	0	0	243
120 °T	69	90	34	24	5	0	0	0	0	0	0	0	0	0	0	0	222
140 °T	60	83	68	38	24	3	0	0	0	0	0	0	0	0	0	0	276
160 °T	68	106	103	97	37	19	4	0	0	0	0	0	0	0	0	0	434
180 °T	51	129	120	102	73	29	13	1	0	0	0	0	0	0	0	0	518
200 °T	73	131	140	98	35	6	1	0	0	0	0	0	0	0	0	0	484
220 °T	59	148	113	49	12	0	0	0	0	0	0	0	0	0	0	0	381
240 °T	79	130	71	25	2	0	0	0	0	0	0	0	0	0	0	0	307
260 °T	93	119	80	33	6	2	0	0	0	0	0	0	0	0	0	0	333
280 °T	97	149	73	10	3	1	0	0	0	0	0	0	0	0	0	0	333
300 °T	107	178	86	34	3	0	0	0	0	0	0	0	0	0	0	0	408
320 °T	132	233	91	46	25	34	6	1	0	0	0	0	0	0	0	0	568
340 °T	115	294	230	98	52	15	4	0	0	0	0	0	0	0	0	0	808
Column Total	1619	3327	2501	1560	654	224	63	3	0	0	0	0	0	0	0	0	9951
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	4.2	4.3	3.2	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6
020 °T	1.3	4.2	4.7	3.5	1.6	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1
040 °T	1.2	3.1	2.3	1.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9
060 °T	0.9	1.6	0.8	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	3.9
080 °T	0.9	1.4	0.3	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	3.1
100 °T	0.8	1.0	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	2.4
120 °T	0.7	0.9	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	2.2
140 °T	0.6	0.8	0.7	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	2.8
160 °T	0.7	1.1	1.0	1.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
180 °T	0.5	1.3	1.2	1.0	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
200 °T	0.7	1.3	1.4	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
220 °T	0.6	1.5	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	3.8
240 °T	0.8	1.3	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	3.1
260 °T	0.9	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	3.3
280 °T	1.0	1.5	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	3.3
300 °T	1.1	1.8	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	4.1
320 °T	1.3	2.3	0.9	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
340 °T	1.2	3.0	2.3	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1
Column Total	16.3	33.4	25.1	15.7	6.6	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-4 - Current Statistics in 5 cm/s intervals for Mooring Reference 6335 at 52.507°N, 14.740°W at 230m Above Seabed (Instrument Depth 275m)

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	97	429	569	568	396	127	25	6	0	0	0	0	0	0	0	0	2217
020 °T	119	353	474	571	421	164	67	5	0	0	0	0	0	0	0	0	2174
040 °T	83	215	259	163	109	32	6	3	0	0	0	0	0	0	0	0	870
060 °T	77	97	85	45	17	8	0	0	0	0	0	0	0	0	0	0	329
080 °T	45	71	35	11	2	0	0	0	0	0	0	0	0	0	0	0	164
100 °T	59	57	32	8	6	0	0	0	0	0	0	0	0	0	0	0	162
120 °T	40	55	33	13	4	0	0	0	0	0	0	0	0	0	0	0	145
140 °T	45	70	36	26	11	2	0	0	0	0	0	0	0	0	0	0	190
160 °T	43	70	63	55	15	0	0	0	0	0	0	0	0	0	0	0	246
180 °T	41	75	79	49	12	0	0	0	0	0	0	0	0	0	0	0	256
200 °T	51	82	40	35	10	1	0	0	0	0	0	0	0	0	0	0	219
220 °T	44	107	49	40	6	1	3	0	0	0	0	0	0	0	0	0	250
240 °T	61	99	46	11	4	1	0	0	0	0	0	0	0	0	0	0	222
260 °T	56	114	59	18	6	0	0	0	0	0	0	0	0	0	0	0	253
280 °T	70	153	85	14	5	3	4	0	0	0	0	0	0	0	0	0	334
300 °T	65	147	114	38	10	8	1	0	0	0	0	0	0	0	0	0	383
320 °T	81	184	139	84	32	12	0	0	0	0	0	0	0	0	0	0	532
340 °T	99	259	249	167	77	38	9	2	0	0	0	0	0	0	0	0	900
Column Total	1176	2637	2446	1916	1143	397	115	16	0	0	0	0	0	0	0	0	9846
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	1.0	4.4	5.8	5.8	4.0	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5
020 °T	1.2	3.6	4.8	5.8	4.3	1.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1
040 °T	0.8	2.2	2.6	1.7	1.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8
060 °T	0.8	1.0	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
080 °T	0.5	0.7	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	1.7
100 °T	0.6	0.6	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	0.0	1.6
120 °T	0.4	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	0.0	1.5
140 °T	0.5	0.7	0.4	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	1.9
160 °T	0.4	0.7	0.6	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	2.5
180 °T	0.4	0.8	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	2.6
200 °T	0.5	0.8	0.4	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	2.2
220 °T	0.4	1.1	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	2.5
240 °T	0.6	1.0	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	2.3
260 °T	0.6	1.2	0.6	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	2.6
280 °T	0.7	1.6	0.9	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	3.4
300 °T	0.7	1.5	1.2	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
320 °T	0.8	1.9	1.4	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	5.4
340 °T	1.0	2.6	2.5	1.7	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1
Column Total	11.9	26.8	24.8	19.5	11.6	4.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-5 - Current Statistics in 5 cm/s intervals for Mooring Reference 6336 at 52.507°N, 14.740°W at 54m Above Seabed (Instrument Depth 451m)

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	86	196	107	16	19	1	0	0	0	0	0	0	0	0	0	0	425
020 °T	75	247	92	15	2	0	0	0	0	0	0	0	0	0	0	0	431
040 °T	71	213	47	0	0	0	0	0	0	0	0	0	0	0	0	0	331
060 °T	58	119	15	0	0	0	0	0	0	0	0	0	0	0	0	0	192
080 °T	51	63	35	0	0	0	0	0	0	0	0	0	0	0	0	0	149
100 °T	40	52	23	9	0	0	0	0	0	0	0	0	0	0	0	0	124
120 °T	36	49	17	12	3	0	0	0	0	0	0	0	0	0	0	0	117
140 °T	37	49	17	31	9	2	0	0	0	0	0	0	0	0	0	0	145
160 °T	39	75	50	24	35	10	0	0	0	0	0	0	0	0	0	0	233
180 °T	41	74	78	38	16	8	0	0	0	0	0	0	0	0	0	0	255
200 °T	43	114	93	30	3	4	0	0	0	0	0	0	0	0	0	0	287
220 °T	66	133	74	31	5	0	0	0	0	0	0	0	0	0	0	0	309
240 °T	63	120	65	44	5	0	0	0	0	0	0	0	0	0	0	0	297
260 °T	56	42	12	10	0	0	0	0	0	0	0	0	0	0	0	0	120
280 °T	65	57	3	0	0	0	0	0	0	0	0	0	0	0	0	0	125
300 °T	78	91	13	0	0	0	0	0	0	0	0	0	0	0	0	0	182
320 °T	100	135	16	1	0	0	0	0	0	0	0	0	0	0	0	0	252
340 °T	98	185	81	14	15	1	0	0	0	0	0	0	0	0	0	0	394
Column Total	1103	2014	838	275	112	26	0	0	0	0	0	0	0	0	0	0	4368
Direction (to)	Total Current Speed as Percentage																
	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	2.0	4.5	2.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7
020 °T	1.7	5.7	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	9.9
040 °T	1.6	4.9	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	7.6
060 °T	1.3	2.7	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	4.4
080 °T	1.2	1.4	0.8	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
100 °T	0.9	1.2	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	2.8
120 °T	0.8	1.1	0.4	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	2.7
140 °T	0.8	1.1	0.4	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	3.3
160 °T	0.9	1.7	1.1	0.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
180 °T	0.9	1.7	1.8	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
200 °T	1.0	2.6	2.1	0.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6
220 °T	1.5	3.0	1.7	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	7.1
240 °T	1.4	2.7	1.5	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	6.8
260 °T	1.3	1.0	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	2.7
280 °T	1.5	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	2.9
300 °T	1.8	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	4.2
320 °T	2.3	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	5.8
340 °T	2.2	4.2	1.9	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
Column Total	25.3	46.1	19.2	6.3	2.6	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-6 - Current Statistics in 5 cm/s intervals for Mooring Reference 5373 at 51.697°N, 14.955°W at 446m Above Seabed (Instrument Depth 332m)

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	124	308	163	24	4	0	0	0	0	0	0	0	0	0	0	0	623
020 °T	127	292	165	17	2	0	0	0	0	0	0	0	0	0	0	0	603
040 °T	147	329	150	18	10	1	1	0	0	0	0	0	0	0	0	0	656
060 °T	155	305	135	26	13	2	2	0	0	0	0	0	0	0	0	0	638
080 °T	148	310	165	26	14	3	0	0	0	0	0	0	0	0	0	0	666
100 °T	151	322	138	8	7	1	0	0	0	0	0	0	0	0	0	0	627
120 °T	149	281	124	24	11	0	0	0	0	0	0	0	0	0	0	0	589
140 °T	147	263	102	39	17	6	0	0	0	0	0	0	0	0	0	0	574
160 °T	140	327	160	47	10	11	0	0	0	0	0	0	0	0	0	0	695
180 °T	143	306	190	23	10	2	0	0	0	0	0	0	0	0	0	0	674
200 °T	128	201	142	16	3	0	0	0	0	0	0	0	0	0	0	0	490
220 °T	114	210	143	33	9	0	0	0	0	0	0	0	0	0	0	0	509
240 °T	113	182	86	15	5	2	0	0	0	0	0	0	0	0	0	0	403
260 °T	100	125	52	18	3	0	0	0	0	0	0	0	0	0	0	0	298
280 °T	94	139	31	3	0	0	0	0	0	0	0	0	0	0	0	0	267
300 °T	86	140	41	16	4	3	0	0	0	0	0	0	0	0	0	0	290
320 °T	120	226	68	21	17	1	0	0	0	0	0	0	0	0	0	0	453
340 °T	145	255	106	33	2	0	0	0	0	0	0	0	0	0	0	0	541
Column Total	2331	4521	2161	407	141	32	3	0	0	0	0	0	0	0	0	0	9596
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	3.2	1.7	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	6.5
020 °T	1.3	3.0	1.7	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	6.3
040 °T	1.5	3.4	1.6	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	6.8
060 °T	1.6	3.2	1.4	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	6.6
080 °T	1.5	3.2	1.7	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	6.9
100 °T	1.6	3.4	1.4	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	6.5
120 °T	1.6	2.9	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	6.1
140 °T	1.5	2.7	1.1	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	6.0
160 °T	1.5	3.4	1.7	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2
180 °T	1.5	3.2	2.0	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	7.0
200 °T	1.3	2.1	1.5	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	5.1
220 °T	1.2	2.2	1.5	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	5.3
240 °T	1.2	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	0.0	4.2
260 °T	1.0	1.3	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	3.1
280 °T	1.0	1.4	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	2.8
300 °T	0.9	1.5	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	3.0
320 °T	1.3	2.4	0.7	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
340 °T	1.5	2.7	1.1	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	5.6
Column Total	24.3	47.1	22.5	4.2	1.5	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-7 - Current Statistics in 5 cm/s intervals for Mooring Reference 5377 at 51.707°N, 14.915°W at 470m Above Seabed (Instrument Depth 271m)