

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	1	12	32	37	31	18	10	16	1	4	1	0	0	0	0	0	163
020 °T	3	52	94	63	53	37	35	21	8	5	1	0	0	0	0	0	372
040 °T	10	40	100	30	33	20	16	10	7	2	1	0	0	0	0	0	269
060 °T	6	43	62	20	19	12	9	10	4	1	1	0	0	0	0	0	187
080 °T	7	43	42	18	15	16	10	6	4	1	2	2	0	2	0	0	168
100 °T	2	36	27	16	25	11	16	7	6	0	0	1	1	3	4	0	155
120 °T	0	52	24	10	8	6	6	3	2	0	0	0	2	1	2	0	116
140 °T	6	39	30	16	10	6	8	6	2	0	2	3	1	1	0	0	130
160 °T	2	38	33	19	19	19	10	11	4	1	0	0	2	1	0	0	159
180 °T	7	34	50	39	31	12	15	17	9	4	2	2	3	1	0	0	226
200 °T	7	36	29	37	30	25	7	14	4	5	4	1	0	0	0	0	199
220 °T	3	22	61	28	26	16	11	9	7	2	0	0	0	0	1	0	186
240 °T	5	25	56	36	33	19	19	10	5	1	0	0	0	0	0	0	209
260 °T	7	26	53	31	14	14	17	14	6	4	1	0	0	0	0	0	187
280 °T	4	43	52	29	22	16	14	5	2	1	0	0	0	0	0	0	188
300 °T	6	50	52	56	51	14	14	4	1	2	0	0	0	1	0	0	251
320 °T	17	124	66	75	55	54	33	20	14	16	8	4	5	3	1	3	499
340 °T	5	41	41	25	29	28	19	13	17	5	2	2	0	0	2	1	230
Column Total	98	756	904	585	504	343	269	196	103	54	25	15	14	13	10	4	3894
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	0.0	0.3	0.8	1.0	0.8	0.5	0.3	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2
020 °T	0.1	1.3	2.4	1.6	1.4	1.0	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	9.6
040 °T	0.3	1.0	2.6	0.8	0.8	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	6.9
060 °T	0.2	1.1	1.6	0.5	0.5	0.3	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
080 °T	0.2	1.1	1.1	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	4.3
100 °T	0.1	0.9	0.7	0.4	0.6	0.3	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	4.0
120 °T	0.0	1.3	0.6	0.3	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	3.0
140 °T	0.2	1.0	0.8	0.4	0.3	0.2	0.2	0.2	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	3.3
160 °T	0.1	1.0	0.8	0.5	0.5	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	4.1
180 °T	0.2	0.9	1.3	1.0	0.8	0.3	0.4	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	5.8
200 °T	0.2	0.9	0.7	1.0	0.8	0.6	0.2	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	5.1
220 °T	0.1	0.6	1.6	0.7	0.7	0.4	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.8
240 °T	0.1	0.6	1.4	0.9	0.8	0.5	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
260 °T	0.2	0.7	1.4	0.8	0.4	0.4	0.4	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.8
280 °T	0.1	1.1	1.3	0.7	0.6	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
300 °T	0.2	1.3	1.3	1.4	1.3	0.4	0.4	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	6.4
320 °T	0.4	3.2	1.7	1.9	1.4	1.4	0.8	0.5	0.4	0.4	0.2	0.1	0.1	0.1	0.0	0.1	12.8
340 °T	0.1	1.1	1.1	0.6	0.7	0.7	0.5	0.3	0.4	0.1	0.1	0.1	0.0	0.0	0.1	0.0	5.9
Column Total	2.5	19.4	23.2	15.0	12.9	8.8	6.9	5.0	2.6	1.4	0.6	0.4	0.4	0.3	0.3	0.1	100.0

Table C-40 - Current Statistics in 5 cm/s intervals for Mooring Reference PORCA3 at 53.135°N, 12.652°W at 357m Above Seabed (Instrument Depth 3m)

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	0	15	61	126	272	212	46	12	6	1	0	0	0	0	0	0	751
020 °T	0	12	57	144	240	162	61	17	9	0	0	0	0	0	0	0	702
040 °T	2	17	52	89	137	73	25	11	8	0	0	0	0	0	0	0	414
060 °T	0	11	35	70	92	22	3	3	1	0	0	0	0	0	0	0	237
080 °T	0	18	22	40	95	17	3	2	1	0	0	0	0	0	0	0	198
100 °T	0	13	35	44	89	22	5	1	0	0	0	0	0	0	0	0	209
120 °T	2	13	35	52	115	37	7	2	0	0	0	0	0	0	0	0	263
140 °T	0	6	25	70	126	74	24	2	0	0	0	0	0	0	0	0	327
160 °T	0	24	46	123	184	105	32	5	0	0	0	0	0	0	0	0	519
180 °T	0	24	46	116	251	137	64	12	0	0	0	0	0	0	0	0	650
200 °T	1	20	35	119	241	168	52	18	2	0	0	0	0	0	0	0	656
220 °T	2	9	25	88	167	141	35	11	4	0	0	0	0	0	0	0	482
240 °T	0	6	21	68	132	89	23	8	0	0	0	0	0	0	0	0	347
260 °T	0	5	17	60	91	29	11	4	3	0	0	0	0	0	0	0	220
280 °T	0	3	16	46	130	34	12	3	0	0	0	0	0	0	0	0	244
300 °T	1	1	16	61	115	25	16	2	0	0	0	0	0	0	0	0	237
320 °T	0	9	18	94	117	43	11	2	2	1	0	0	0	0	0	0	297
340 °T	0	14	38	161	243	128	28	6	9	1	0	0	0	0	0	0	628
Column Total	8	220	600	1571	2837	1518	458	121	45	3	0	0	0	0	0	0	7381
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	0.0	0.2	0.8	1.7	3.7	2.9	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
020 °T	0.0	0.2	0.8	2.0	3.3	2.2	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5
040 °T	0.0	0.2	0.7	1.2	1.9	1.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
060 °T	0.0	0.1	0.5	0.9	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
080 °T	0.0	0.2	0.3	0.5	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
100 °T	0.0	0.2	0.5	0.6	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
120 °T	0.0	0.2	0.5	0.7	1.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
140 °T	0.0	0.1	0.3	0.9	1.7	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
160 °T	0.0	0.3	0.6	1.7	2.5	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
180 °T	0.0	0.3	0.6	1.6	3.4	1.9	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8
200 °T	0.0	0.3	0.5	1.6	3.3	2.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9
220 °T	0.0	0.1	0.3	1.2	2.3	1.9	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5
240 °T	0.0	0.1	0.3	0.9	1.8	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
260 °T	0.0	0.1	0.2	0.8	1.2	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
280 °T	0.0	0.0	0.2	0.6	1.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
300 °T	0.0	0.0	0.2	0.8	1.6	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
320 °T	0.0	0.1	0.2	1.3	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
340 °T	0.0	0.2	0.5	2.2	3.3	1.7	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5
Column Total	0.1	3.0	8.1	21.3	38.4	20.6	6.2	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-41 - Current Statistics in 5 cm/s intervals for Mooring Reference PORCA30 at 53.135°N, 12.652°W at 330m Above Seabed (Instrument Depth 30m)

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	22	211	450	230	163	37	1	0	0	0	0	0	0	0	0	0	1114
020 °T	29	186	346	179	146	52	13	0	0	0	0	0	0	0	0	0	951
040 °T	35	145	175	84	30	16	8	0	0	0	0	0	0	0	0	0	493
060 °T	44	118	87	16	1	0	0	0	0	0	0	0	0	0	0	0	266
080 °T	35	96	42	4	1	0	0	0	0	0	0	0	0	0	0	0	178
100 °T	30	109	46	8	0	0	0	0	0	0	0	0	0	0	0	0	193
120 °T	24	144	61	7	0	0	1	0	0	0	0	0	0	0	0	0	237
140 °T	29	183	93	14	2	0	0	0	0	0	0	0	0	0	0	0	321
160 °T	60	217	204	85	11	1	0	0	0	0	0	0	0	0	0	0	578
180 °T	48	260	368	264	145	37	4	0	0	0	0	0	0	0	0	0	1126
200 °T	34	279	455	332	164	27	12	0	0	0	0	0	0	0	0	0	1303
220 °T	40	243	388	145	37	5	1	0	0	0	0	0	0	0	0	0	859
240 °T	41	186	182	15	4	0	0	0	0	0	0	0	0	0	0	0	428
260 °T	41	169	96	15	1	0	0	0	0	0	0	0	0	0	0	0	322
280 °T	45	167	67	1	0	0	0	0	0	0	0	0	0	0	0	0	280
300 °T	40	218	89	8	0	0	0	0	0	0	0	0	0	0	0	0	355
320 °T	50	200	122	17	0	0	0	0	0	0	0	0	0	0	0	0	389
340 °T	54	340	413	197	34	1	0	0	0	0	0	0	0	0	0	0	1039
Column Total	701	3471	3684	1621	739	176	40	0	0	0	0	0	0	0	0	0	10432
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	0.2	2.0	4.3	2.2	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7
020 °T	0.3	1.8	3.3	1.7	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1
040 °T	0.3	1.4	1.7	0.8	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
060 °T	0.4	1.1	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	2.5
080 °T	0.3	0.9	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	0.0	1.7
100 °T	0.3	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	0.0	0.0	1.9
120 °T	0.2	1.4	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	2.3
140 °T	0.3	1.8	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	3.1
160 °T	0.6	2.1	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	5.5
180 °T	0.5	2.5	3.5	2.5	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
200 °T	0.3	2.7	4.4	3.2	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
220 °T	0.4	2.3	3.7	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2
240 °T	0.4	1.8	1.7	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	4.1
260 °T	0.4	1.6	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	3.1
280 °T	0.4	1.6	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	2.7
300 °T	0.4	2.1	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	3.4
320 °T	0.5	1.9	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	3.7
340 °T	0.5	3.3	4.0	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
Column Total	6.7	33.3	35.3	15.5	7.1	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-42 - Current Statistics in 5 cm/s intervals for Mooring Reference PORCA130 at 53.135°N, 12.652°W at 230m Above Seabed (Inst. Depth 130m)

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	0	38	97	79	59	45	10	2	0	0	0	0	0	0	0	0	330
020 °T	0	35	83	107	83	49	18	5	1	0	0	0	0	0	0	0	381
040 °T	1	27	56	61	69	41	15	3	1	0	0	0	0	0	0	0	274
060 °T	1	22	34	64	46	30	6	0	0	0	0	0	0	0	0	0	203
080 °T	0	16	37	51	43	13	10	0	0	0	0	0	0	0	0	0	170
100 °T	1	17	45	72	63	18	5	1	0	0	0	0	0	0	0	0	222
120 °T	1	7	45	57	56	24	2	0	0	0	0	0	0	0	0	0	192
140 °T	1	12	32	69	72	54	15	6	0	0	0	0	0	0	0	0	261
160 °T	1	16	25	55	82	62	29	5	2	0	0	0	0	0	0	0	277
180 °T	0	19	33	67	94	76	25	19	3	1	0	0	0	0	0	0	337
200 °T	0	23	48	76	78	74	24	10	7	1	0	0	0	0	0	0	341
220 °T	0	22	30	60	106	80	18	10	2	0	0	0	0	0	0	0	328
240 °T	0	18	41	58	80	45	23	7	0	0	0	0	0	0	0	0	272
260 °T	0	18	30	69	84	51	18	16	0	0	0	0	0	0	0	0	286
280 °T	0	19	39	54	61	37	16	5	3	0	0	0	0	0	0	0	234
300 °T	0	21	38	68	57	27	10	7	0	0	0	0	0	0	0	0	228
320 °T	0	29	46	53	49	30	14	4	2	0	0	0	0	0	0	0	227
340 °T	1	31	55	71	76	47	13	3	1	0	0	0	0	0	0	0	298
Column Total	7	390	814	1191	1258	803	271	103	22	2	0	0	0	0	0	0	4861
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	0.0	0.8	2.0	1.6	1.2	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
020 °T	0.0	0.7	1.7	2.2	1.7	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8
040 °T	0.0	0.6	1.2	1.3	1.4	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
060 °T	0.0	0.5	0.7	1.3	0.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
080 °T	0.0	0.3	0.8	1.0	0.9	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
100 °T	0.0	0.3	0.9	1.5	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
120 °T	0.0	0.1	0.9	1.2	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
140 °T	0.0	0.2	0.7	1.4	1.5	1.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
160 °T	0.0	0.3	0.5	1.1	1.7	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
180 °T	0.0	0.4	0.7	1.4	1.9	1.6	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
200 °T	0.0	0.5	1.0	1.6	1.6	1.5	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
220 °T	0.0	0.5	0.6	1.2	2.2	1.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
240 °T	0.0	0.4	0.8	1.2	1.6	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
260 °T	0.0	0.4	0.6	1.4	1.7	1.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
280 °T	0.0	0.4	0.8	1.1	1.3	0.8	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
300 °T	0.0	0.4	0.8	1.4	1.2	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
320 °T	0.0	0.6	0.9	1.1	1.0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
340 °T	0.0	0.6	1.1	1.5	1.6	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
Column Total	0.1	8.0	16.7	24.5	25.9	16.5	5.6	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-43 - Current Statistics in 5 cm/s intervals for Mooring Reference PORCB30 at 52.125°N, 12.645°W at 800m Above Seabed (Inst. Depth 30m)

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	14	63	88	69	36	25	13	4	3	1	1	0	0	0	0	0	317
020 °T	11	78	140	145	115	60	35	20	10	6	1	0	0	0	0	0	621
040 °T	31	95	162	180	110	79	28	7	10	0	0	0	0	0	0	0	702
060 °T	15	84	129	134	103	53	21	6	0	0	1	0	0	0	0	0	546
080 °T	10	98	125	122	113	67	23	4	2	0	0	0	0	0	0	0	564
100 °T	24	68	84	126	121	53	26	14	1	0	0	0	0	0	0	0	517
120 °T	21	70	113	145	147	87	39	16	5	0	0	0	0	0	0	0	643
140 °T	12	49	93	106	104	75	59	25	6	1	0	0	0	0	0	0	530
160 °T	17	50	82	109	71	47	41	17	7	0	1	0	0	0	0	0	442
180 °T	14	59	107	94	102	60	26	11	2	0	0	0	0	0	0	0	475
200 °T	12	44	61	87	125	64	29	5	0	0	0	0	0	0	0	0	427
220 °T	7	47	77	62	59	31	11	3	1	0	0	0	0	0	0	0	298
240 °T	17	118	171	129	74	32	16	3	0	1	0	0	0	0	0	0	561
260 °T	19	196	341	199	98	55	27	10	4	3	3	2	0	0	0	0	957
280 °T	43	157	264	219	145	57	34	7	6	2	0	0	0	0	0	0	934
300 °T	37	110	163	146	122	57	9	3	0	0	0	0	0	0	0	0	647
320 °T	27	87	143	232	185	97	55	7	3	0	0	0	0	0	0	0	836
340 °T	9	40	48	65	40	34	16	6	1	0	0	0	0	0	0	0	259
Column Total	340	1513	2391	2369	1870	1033	508	168	61	14	7	2	0	0	0	0	10276
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	0.1	0.6	0.9	0.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
020 °T	0.1	0.8	1.4	1.4	1.1	0.6	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	6.0
040 °T	0.3	0.9	1.6	1.8	1.1	0.8	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
060 °T	0.1	0.8	1.3	1.3	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
080 °T	0.1	1.0	1.2	1.2	1.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
100 °T	0.2	0.7	0.8	1.2	1.2	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
120 °T	0.2	0.7	1.1	1.4	1.4	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3
140 °T	0.1	0.5	0.9	1.0	1.0	0.7	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
160 °T	0.2	0.5	0.8	1.1	0.7	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
180 °T	0.1	0.6	1.0	0.9	1.0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
200 °T	0.1	0.4	0.6	0.8	1.2	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
220 °T	0.1	0.5	0.7	0.6	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
240 °T	0.2	1.1	1.7	1.3	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
260 °T	0.2	1.9	3.3	1.9	1.0	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
280 °T	0.4	1.5	2.6	2.1	1.4	0.6	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1
300 °T	0.4	1.1	1.6	1.4	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3
320 °T	0.3	0.8	1.4	2.3	1.8	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1
340 °T	0.1	0.4	0.5	0.6	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
Column Total	3.3	14.7	23.3	23.1	18.2	10.1	4.9	1.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0

Table C-44 - Current Statistics in 5 cm/s intervals for Mooring Reference PORCC3 at 52.662°N, 12.748°W at 497m Above Seabed (Inst. Depth 3m)

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	0	35	260	540	390	186	126	85	27	6	0	0	0	0	0	0	1655
020 °T	0	51	250	437	292	147	77	72	39	18	1	0	0	0	0	0	1384
040 °T	0	43	240	262	238	112	64	46	38	4	0	0	0	0	0	0	1047
060 °T	0	42	182	201	181	105	52	14	4	0	0	0	0	0	0	0	781
080 °T	0	42	190	186	161	80	30	4	1	0	0	0	0	0	0	0	694
100 °T	0	49	176	199	151	94	33	7	0	0	0	0	0	0	0	0	709
120 °T	0	52	219	237	168	115	53	11	0	0	0	0	0	0	0	0	855
140 °T	1	56	185	262	225	118	89	23	8	2	0	0	0	0	0	0	969
160 °T	0	36	233	318	258	157	86	31	12	1	0	0	0	0	0	0	1132
180 °T	0	24	218	359	356	204	85	32	7	0	0	0	0	0	0	0	1285
200 °T	1	24	200	269	361	180	95	43	10	0	0	0	0	0	0	0	1183
220 °T	0	26	127	192	200	99	46	17	4	0	0	0	0	0	0	0	711
240 °T	0	14	141	206	160	79	29	3	4	0	0	0	0	0	0	0	636
260 °T	0	16	110	190	131	59	14	10	2	1	0	0	0	0	0	0	533
280 °T	0	20	98	193	164	50	17	10	0	1	0	0	0	0	0	0	553
300 °T	0	15	110	217	163	35	29	17	6	0	0	0	0	0	0	0	592
320 °T	2	17	121	219	198	72	44	23	7	3	0	0	0	0	0	0	706
340 °T	1	30	266	513	322	170	116	81	9	0	0	0	0	0	0	0	1508
Column Total	5	592	3326	5000	4119	2062	1085	529	178	36	1	0	0	0	0	0	16933
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	0.0	0.2	1.5	3.2	2.3	1.1	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8
020 °T	0.0	0.3	1.5	2.6	1.7	0.9	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	8.2
040 °T	0.0	0.3	1.4	1.5	1.4	0.7	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
060 °T	0.0	0.2	1.1	1.2	1.1	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
080 °T	0.0	0.2	1.1	1.1	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
100 °T	0.0	0.3	1.0	1.2	0.9	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
120 °T	0.0	0.3	1.3	1.4	1.0	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
140 °T	0.0	0.3	1.1	1.5	1.3	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
160 °T	0.0	0.2	1.4	1.9	1.5	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
180 °T	0.0	0.1	1.3	2.1	2.1	1.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6
200 °T	0.0	0.1	1.2	1.6	2.1	1.1	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
220 °T	0.0	0.2	0.8	1.1	1.2	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
240 °T	0.0	0.1	0.8	1.2	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
260 °T	0.0	0.1	0.6	1.1	0.8	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
280 °T	0.0	0.1	0.6	1.1	1.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
300 °T	0.0	0.1	0.6	1.3	1.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
320 °T	0.0	0.1	0.7	1.3	1.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
340 °T	0.0	0.2	1.6	3.0	1.9	1.0	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9
Column Total	0.0	3.5	19.6	29.5	24.3	12.2	6.4	3.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-45 - Current Statistics in 5 cm/s intervals for Mooring Reference PORCC30 at 52.662°N, 12.748°W at 470m Above Seabed (Inst. Depth 30m)

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	177	376	426	206	43	41	8	8	0	0	0	0	0	0	0	0	1285
020 °T	132	400	321	171	38	15	0	0	0	0	0	0	0	0	0	0	1077
040 °T	133	412	235	73	5	5	0	0	0	0	0	0	0	0	0	0	863
060 °T	150	318	130	33	7	0	0	0	0	0	0	0	0	0	0	0	638
080 °T	136	283	105	20	4	0	0	0	0	0	0	0	0	0	0	0	548
100 °T	126	239	105	15	1	0	0	0	0	0	0	0	0	0	0	0	486
120 °T	137	248	65	33	12	1	0	0	0	0	0	0	0	0	0	0	496
140 °T	134	354	106	63	51	24	7	0	0	0	0	0	0	0	0	0	739
160 °T	171	324	222	103	46	34	11	8	0	0	0	0	0	0	0	0	919
180 °T	151	384	336	261	108	31	7	0	0	0	0	0	0	0	0	0	1278
200 °T	216	417	330	249	43	3	0	0	0	0	0	0	0	0	0	0	1258
220 °T	144	294	93	87	5	0	0	0	0	0	0	0	0	0	0	0	623
240 °T	142	171	83	52	0	0	0	0	0	0	0	0	0	0	0	0	448
260 °T	121	160	46	13	0	0	0	0	0	0	0	0	0	0	0	0	340
280 °T	107	165	51	7	0	0	0	0	0	0	0	0	0	0	0	0	330
300 °T	127	169	77	25	0	0	0	0	0	0	0	0	0	0	0	0	398
320 °T	119	217	104	73	6	0	0	0	0	0	0	0	0	0	0	0	519
340 °T	182	460	320	107	41	0	0	0	0	0	0	0	0	0	0	0	1110
Column Total	2605	5391	3155	1591	410	154	33	16	0	0	0	0	0	0	0	0	13355
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	2.8	3.2	1.5	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6
020 °T	1.0	3.0	2.4	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	8.1
040 °T	1.0	3.1	1.8	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	6.5
060 °T	1.1	2.4	1.0	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	4.8
080 °T	1.0	2.1	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	4.1
100 °T	0.9	1.8	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	0.0	3.6
120 °T	1.0	1.9	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	0.0	3.7
140 °T	1.0	2.7	0.8	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
160 °T	1.3	2.4	1.7	0.8	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
180 °T	1.1	2.9	2.5	2.0	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6
200 °T	1.6	3.1	2.5	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4
220 °T	1.1	2.2	0.7	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	4.7
240 °T	1.1	1.3	0.6	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	3.4
260 °T	0.9	1.2	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	2.5
280 °T	0.8	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	0.0	0.0	2.5
300 °T	1.0	1.3	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	3.0
320 °T	0.9	1.6	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	3.9
340 °T	1.4	3.4	2.4	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	8.3
Column Total	19.5	40.4	23.6	11.9	3.1	1.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-46 - Current Statistics in 5 cm/s intervals for Mooring Reference PORCC183 at 52.662°N, 12.748°W at 317m Above Seabed (Inst. Depth 183m)

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	1	3	3	6	14	8	7	0	0	0	0	0	0	0	0	0	42
020 °T	6	16	9	14	12	8	2	2	1	0	0	0	0	0	0	0	70
040 °T	5	21	15	18	12	3	2	0	0	0	0	0	0	0	0	0	76
060 °T	0	13	10	6	5	6	0	1	0	0	0	0	0	0	0	0	41
080 °T	3	3	10	12	4	1	0	0	0	0	0	0	0	0	0	0	33
100 °T	2	11	11	6	5	2	0	0	0	0	0	0	0	0	0	0	37
120 °T	3	12	12	7	6	1	1	0	0	0	0	0	0	0	0	0	42
140 °T	4	10	13	14	4	1	0	0	0	0	0	0	0	0	0	0	46
160 °T	5	9	20	11	14	4	0	0	0	0	0	0	0	0	0	0	63
180 °T	8	14	10	18	14	6	3	3	0	0	0	0	0	0	0	0	76
200 °T	6	9	15	18	17	10	3	1	0	0	0	0	0	0	0	0	79
220 °T	1	7	17	16	10	9	4	3	0	0	0	0	0	0	0	0	67
240 °T	2	13	19	24	10	8	3	7	0	0	0	0	0	0	0	0	86
260 °T	5	15	15	14	8	4	3	4	0	0	0	0	0	0	0	0	68
280 °T	9	11	7	11	6	6	3	3	0	0	0	0	0	0	0	0	56
300 °T	5	16	7	16	10	3	3	0	0	0	0	0	0	0	0	0	60
320 °T	11	26	26	22	18	17	10	1	1	0	0	0	0	0	0	0	132
340 °T	8	28	35	22	33	21	14	1	0	0	0	0	0	0	0	0	162
Column Total	84	237	254	255	202	118	58	26	2	0	0	0	0	0	0	0	1236
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	0.1	0.2	0.2	0.5	1.1	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
020 °T	0.5	1.3	0.7	1.1	1.0	0.6	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
040 °T	0.4	1.7	1.2	1.5	1.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
060 °T	0.0	1.1	0.8	0.5	0.4	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
080 °T	0.2	0.2	0.8	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	2.7
100 °T	0.2	0.9	0.9	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	3.0
120 °T	0.2	1.0	1.0	0.6	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
140 °T	0.3	0.8	1.1	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	3.7
160 °T	0.4	0.7	1.6	0.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
180 °T	0.6	1.1	0.8	1.5	1.1	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
200 °T	0.5	0.7	1.2	1.5	1.4	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4
220 °T	0.1	0.6	1.4	1.3	0.8	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
240 °T	0.2	1.1	1.5	1.9	0.8	0.6	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
260 °T	0.4	1.2	1.2	1.1	0.6	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
280 °T	0.7	0.9	0.6	0.9	0.5	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
300 °T	0.4	1.3	0.6	1.3	0.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
320 °T	0.9	2.1	2.1	1.8	1.5	1.4	0.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7
340 °T	0.6	2.3	2.8	1.8	2.7	1.7	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1
Column Total	6.8	19.2	20.6	20.6	16.3	9.5	4.7	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-47 - Current Statistics in 5 cm/s intervals for Mooring Reference SEDCO3 at 52.598°N, 12.420°W at 482m Above Seabed (Inst. Depth 3m)

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	19	68	114	57	15	3	0	1	0	0	0	0	0	0	0	0	277
020 °T	23	96	127	75	19	1	1	0	0	0	0	0	0	0	0	0	342
040 °T	22	61	23	16	3	1	0	0	0	0	0	0	0	0	0	0	126
060 °T	14	20	4	1	1	0	0	0	0	0	0	0	0	0	0	0	40
080 °T	19	20	4	3	0	0	0	0	0	0	0	0	0	0	0	0	46
100 °T	10	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	25
120 °T	17	35	2	1	0	0	0	0	0	0	0	0	0	0	0	0	55
140 °T	23	47	18	2	0	0	0	0	0	0	0	0	0	0	0	0	90
160 °T	20	89	56	3	0	0	0	0	0	0	0	0	0	0	0	0	168
180 °T	26	116	116	32	3	0	0	0	0	0	0	0	0	0	0	0	293
200 °T	20	101	90	23	4	0	0	0	0	0	0	0	0	0	0	0	238
220 °T	17	59	36	8	0	0	0	0	0	0	0	0	0	0	0	0	120
240 °T	16	52	13	0	0	0	0	0	0	0	0	0	0	0	0	0	81
260 °T	22	46	8	3	0	0	0	0	0	0	0	0	0	0	0	0	79
280 °T	65	121	38	4	2	0	0	0	0	0	0	0	0	0	0	0	230
300 °T	25	51	22	2	0	0	0	0	0	0	0	0	0	0	0	0	100
320 °T	24	86	43	8	10	1	0	0	0	0	0	0	0	0	0	0	172
340 °T	35	111	144	73	21	4	0	0	0	0	0	0	0	0	0	0	388
Column Total	417	1192	860	311	78	10	1	1	0	0	0	0	0	0	0	0	2870
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	2.4	4.0	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7
020 °T	0.8	3.3	4.4	2.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9
040 °T	0.8	2.1	0.8	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	4.4
060 °T	0.5	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	0.0	1.4
080 °T	0.7	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	0.0	0.0	1.6
100 °T	0.3	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	0.9
120 °T	0.6	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	1.9
140 °T	0.8	1.6	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	3.1
160 °T	0.7	3.1	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
180 °T	0.9	4.0	4.0	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	10.2
200 °T	0.7	3.5	3.1	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	8.3
220 °T	0.6	2.1	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	4.2
240 °T	0.6	1.8	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	2.8
260 °T	0.8	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	0.0	0.0	2.8
280 °T	2.3	4.2	1.3	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	8.0
300 °T	0.9	1.8	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	0.0	3.5
320 °T	0.8	3.0	1.5	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	6.0
340 °T	1.2	3.9	5.0	2.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5
Column Total	14.5	41.5	30.0	10.8	2.7	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-48 - Current Statistics in 5 cm/s intervals for Mooring Reference SEDCO28 at 52.598°N, 12.420°W at 457m Above Seabed (Inst. Depth 28m)

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	14	86	296	425	404	270	138	98	50	32	10	9	9	0	0	0	1841
020 °T	12	120	279	404	326	230	129	84	47	21	13	7	7	1	0	0	1680
040 °T	6	94	242	251	172	118	108	61	28	12	6	9	6	0	0	0	1113
060 °T	5	106	195	132	112	95	72	42	32	14	8	6	2	0	0	0	821
080 °T	7	68	191	131	91	88	34	45	22	15	8	2	1	0	0	0	703
100 °T	6	73	156	120	108	65	37	56	35	13	1	1	0	0	0	0	671
120 °T	2	74	141	126	128	79	61	52	19	18	6	1	0	0	0	0	707
140 °T	5	59	166	168	125	99	84	75	34	15	5	0	0	0	0	0	835
160 °T	6	92	201	223	220	140	97	89	39	23	6	0	0	0	0	0	1136
180 °T	7	111	216	286	283	214	145	88	53	21	7	1	0	0	0	0	1432
200 °T	14	75	249	266	297	243	150	93	43	25	15	3	0	0	0	0	1473
220 °T	16	81	229	264	213	257	95	89	39	11	13	7	1	0	0	0	1315
240 °T	15	82	150	176	181	131	63	53	22	13	13	5	4	0	0	0	908
260 °T	8	51	134	131	143	112	55	49	27	14	6	2	0	0	0	0	732
280 °T	9	66	144	149	120	80	51	41	26	8	1	0	0	0	0	0	695
300 °T	6	74	182	201	124	83	68	48	22	12	1	0	0	0	0	0	821
320 °T	9	94	181	224	143	82	72	46	30	18	7	1	0	0	0	0	907
340 °T	18	132	367	436	358	253	179	90	49	26	12	12	1	0	0	0	1933
Column Total	165	1538	3719	4113	3548	2639	1638	1199	617	311	138	66	31	1	0	0	19723
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	0.1	0.4	1.5	2.2	2.0	1.4	0.7	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	9.3
020 °T	0.1	0.6	1.4	2.0	1.7	1.2	0.7	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	8.5
040 °T	0.0	0.5	1.2	1.3	0.9	0.6	0.5	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.6
060 °T	0.0	0.5	1.0	0.7	0.6	0.5	0.4	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2
080 °T	0.0	0.3	1.0	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.6
100 °T	0.0	0.4	0.8	0.6	0.5	0.3	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.4
120 °T	0.0	0.4	0.7	0.6	0.6	0.4	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.6
140 °T	0.0	0.3	0.8	0.9	0.6	0.5	0.4	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2
160 °T	0.0	0.5	1.0	1.1	1.1	0.7	0.5	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.8
180 °T	0.0	0.6	1.1	1.5	1.4	1.1	0.7	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	7.3
200 °T	0.1	0.4	1.3	1.3	1.5	1.2	0.8	0.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	7.5
220 °T	0.1	0.4	1.2	1.3	1.1	1.3	0.5	0.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	6.7
240 °T	0.1	0.4	0.8	0.9	0.9	0.7	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	4.6
260 °T	0.0	0.3	0.7	0.7	0.7	0.6	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7
280 °T	0.0	0.3	0.7	0.8	0.6	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
300 °T	0.0	0.4	0.9	1.0	0.6	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2
320 °T	0.0	0.5	0.9	1.1	0.7	0.4	0.4	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.6
340 °T	0.1	0.7	1.9	2.2	1.8	1.3	0.9	0.5	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	9.8
Column Total	0.8	7.8	18.9	20.9	18.0	13.4	8.3	6.1	3.1	1.6	0.7	0.3	0.2	0.0	0.0	0.0	100.0

Table C-49 - Current Statistics in 5 cm/s intervals for Mooring Reference SEDCO30 at 52.598°N, 12.420°W at 455m Above Seabed (Inst. Depth 30m)

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	353	887	887	427	58	0	0	0	0	0	0	0	0	0	0	0	2612
020 °T	328	547	416	127	7	0	0	0	0	0	0	0	0	0	0	0	1425
040 °T	206	223	55	7	1	0	0	0	0	0	0	0	0	0	0	0	492
060 °T	160	128	31	0	0	0	0	0	0	0	0	0	0	0	0	0	319
080 °T	139	95	13	0	0	0	0	0	0	0	0	0	0	0	0	0	247
100 °T	127	86	1	0	0	0	0	0	0	0	0	0	0	0	0	0	214
120 °T	155	107	7	0	0	0	0	0	0	0	0	0	0	0	0	0	269
140 °T	221	229	16	0	0	0	0	0	0	0	0	0	0	0	0	0	466
160 °T	325	548	158	8	0	0	0	0	0	0	0	0	0	0	0	0	1039
180 °T	452	917	619	121	7	0	0	0	0	0	0	0	0	0	0	0	2116
200 °T	400	635	556	163	8	0	0	0	0	0	0	0	0	0	0	0	1762
220 °T	245	236	67	4	0	0	0	0	0	0	0	0	0	0	0	0	552
240 °T	154	110	12	0	0	0	0	0	0	0	0	0	0	0	0	0	276
260 °T	135	84	17	0	0	0	0	0	0	0	0	0	0	0	0	0	236
280 °T	162	68	17	0	0	0	0	0	0	0	0	0	0	0	0	0	247
300 °T	178	83	20	0	0	0	0	0	0	0	0	0	0	0	0	0	281
320 °T	282	153	32	0	0	0	0	0	0	0	0	0	0	0	0	0	467
340 °T	516	672	306	77	20	1	0	0	0	0	0	0	0	0	0	0	1592
Column Total	4538	5808	3230	934	101	1	0	0	0	0	0	0	0	0	0	0	14612
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	2.4	6.1	6.1	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	17.9
020 °T	2.2	3.7	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8
040 °T	1.4	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	0.0	0.0	3.4
060 °T	1.1	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	0.0	2.2
080 °T	1.0	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	0.0	1.7
100 °T	0.9	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	1.5
120 °T	1.1	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	1.8
140 °T	1.5	1.6	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	3.2
160 °T	2.2	3.8	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	0.0	7.1
180 °T	3.1	6.3	4.2	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	14.5
200 °T	2.7	4.3	3.8	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	12.1
220 °T	1.7	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	3.8
240 °T	1.1	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	0.0	1.9
260 °T	0.9	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	1.6
280 °T	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	0.0	1.7
300 °T	1.2	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	1.9
320 °T	1.9	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	3.2
340 °T	3.5	4.6	2.1	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	10.9
Column Total	31.1	39.7	22.1	6.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-50 - Current Statistics in 5 cm/s intervals for Mooring Reference SEDCO177 at 52.598°N, 12.420°W at 308m Above Seabed (Inst. Depth 177m)

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	135	298	191	113	38	16	2	0	0	0	0	0	0	0	0	0	793
020 °T	114	331	332	229	100	63	15	0	0	0	0	0	0	0	0	0	1184
040 °T	108	339	305	176	66	29	6	0	0	0	0	0	0	0	0	0	1029
060 °T	97	271	261	92	33	2	0	0	0	0	0	0	0	0	0	0	756
080 °T	106	205	135	41	13	1	0	0	0	0	0	0	0	0	0	0	501
100 °T	94	199	104	34	1	1	0	0	0	0	0	0	0	0	0	0	433
120 °T	85	223	109	22	2	0	0	0	0	0	0	0	0	0	0	0	441
140 °T	80	226	142	49	2	1	0	0	0	0	0	0	0	0	0	0	500
160 °T	111	286	233	135	17	1	0	0	0	0	0	0	0	0	0	0	783
180 °T	112	309	315	227	72	11	8	0	0	0	0	0	0	0	0	0	1054
200 °T	101	267	277	198	132	56	6	0	0	0	0	0	0	0	0	0	1037
220 °T	108	207	252	244	116	49	7	0	0	0	0	0	0	0	0	0	983
240 °T	95	192	158	93	30	10	1	0	0	0	0	0	0	0	0	0	579
260 °T	100	162	73	49	11	3	0	0	0	0	0	0	0	0	0	0	398
280 °T	92	122	50	20	4	0	0	0	0	0	0	0	0	0	0	0	288
300 °T	99	103	27	8	1	0	0	0	0	0	0	0	0	0	0	0	238
320 °T	97	128	41	10	0	0	0	0	0	0	0	0	0	0	0	0	276
340 °T	97	159	69	43	4	0	0	0	0	0	0	0	0	0	0	0	372
Column Total	1831	4027	3074	1783	642	243	45	0	0	0	0	0	0	0	0	0	11645
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	2.6	1.6	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	6.8
020 °T	1.0	2.8	2.9	2.0	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
040 °T	0.9	2.9	2.6	1.5	0.6	0.2	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	2.3	2.2	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	6.5
080 °T	0.9	1.8	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	0.0	4.3
100 °T	0.8	1.7	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	3.7
120 °T	0.7	1.9	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	3.8
140 °T	0.7	1.9	1.2	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	4.3
160 °T	1.0	2.5	2.0	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	6.7
180 °T	1.0	2.7	2.7	1.9	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1
200 °T	0.9	2.3	2.4	1.7	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9
220 °T	0.9	1.8	2.2	2.1	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4
240 °T	0.8	1.6	1.4	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	5.0
260 °T	0.9	1.4	0.6	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	3.4
280 °T	0.8	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	0.0	0.0	2.5
300 °T	0.9	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	0.0	2.0
320 °T	0.8	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	0.0	2.4
340 °T	0.8	1.4	0.6	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	3.2
Column Total	15.7	34.6	26.4	15.3	5.5	2.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-51 - Current Statistics in 5 cm/s intervals for Mooring Jack Bates 35/30-1 at 52.095°N, 12.123°W at 613m Above Seabed (Inst. Depth 83m)