

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	8	37	52	49	63	61	36	25	27	12	6	3	3	3	0	385
020 °T	0	18	42	50	61	69	83	80	50	34	38	12	10	8	3	0	559
040 °T	0	12	34	42	62	79	86	93	54	41	32	23	19	18	9	7	616
060 °T	0	10	28	31	47	78	79	54	49	48	45	27	24	15	10	4	555
080 °T	1	9	17	22	45	58	54	48	41	34	22	16	18	16	5	1	409
100 °T	0	7	8	23	28	45	45	58	33	24	11	8	8	0	1	0	299
120 °T	0	4	9	21	26	39	45	38	34	12	10	3	2	0	0	0	243
140 °T	1	3	13	21	40	51	51	42	29	25	5	3	3	1	0	0	288
160 °T	0	7	13	32	42	68	50	73	43	31	17	5	0	1	0	0	382
180 °T	1	4	27	41	47	83	87	95	71	51	34	17	5	7	3	2	575
200 °T	1	2	11	43	91	122	141	115	108	75	41	17	19	8	2	0	796
220 °T	0	12	26	48	81	82	100	66	60	48	29	15	8	7	1	0	583
240 °T	0	4	26	48	74	67	72	50	21	21	10	0	2	1	0	0	396
260 °T	0	7	29	42	77	68	44	24	21	3	7	0	1	0	0	0	323
280 °T	0	4	31	39	50	40	21	13	17	4	2	0	0	0	0	0	221
300 °T	1	9	32	51	37	34	28	14	16	5	0	1	0	0	0	0	228
320 °T	0	3	38	33	38	33	28	15	9	9	0	0	0	0	0	0	206
340 °T	0	17	31	42	48	48	27	21	15	8	4	3	2	0	0	0	266
Column Total	5	140	452	681	943	1127	1102	935	696	500	319	156	124	85	37	14	7330
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	0.1	0.5	0.7	0.7	0.9	0.8	0.5	0.3	0.4	0.2	0.1	0.0	0.0	0.0	0.0	5.3
020 °T	0.0	0.2	0.6	0.7	0.8	0.9	1.1	1.1	0.7	0.5	0.5	0.2	0.1	0.1	0.0	0.0	7.6
040 °T	0.0	0.2	0.5	0.6	0.8	1.1	1.2	1.3	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.1	8.4
060 °T	0.0	0.1	0.4	0.4	0.6	1.1	1.1	0.7	0.7	0.7	0.6	0.4	0.3	0.2	0.1	0.1	7.6
080 °T	0.0	0.1	0.2	0.3	0.6	0.8	0.7	0.7	0.6	0.5	0.3	0.2	0.2	0.2	0.1	0.0	5.6
100 °T	0.0	0.1	0.1	0.3	0.4	0.6	0.6	0.8	0.5	0.3	0.2	0.1	0.1	0.0	0.0	0.0	4.1
120 °T	0.0	0.1	0.1	0.3	0.4	0.5	0.6	0.5	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	3.3
140 °T	0.0	0.0	0.2	0.3	0.5	0.7	0.7	0.6	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	3.9
160 °T	0.0	0.1	0.2	0.4	0.6	0.9	0.7	1.0	0.6	0.4	0.2	0.1	0.0	0.0	0.0	0.0	5.2
180 °T	0.0	0.1	0.4	0.6	0.6	1.1	1.2	1.3	1.0	0.7	0.5	0.2	0.1	0.1	0.0	0.0	7.8
200 °T	0.0	0.0	0.2	0.6	1.2	1.7	1.9	1.6	1.5	1.0	0.6	0.2	0.3	0.1	0.0	0.0	10.9
220 °T	0.0	0.2	0.4	0.7	1.1	1.1	1.4	0.9	0.8	0.7	0.4	0.2	0.1	0.1	0.0	0.0	8.0
240 °T	0.0	0.1	0.4	0.7	1.0	0.9	1.0	0.7	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	5.4
260 °T	0.0	0.1	0.4	0.6	1.1	0.9	0.6	0.3	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	4.4
280 °T	0.0	0.1	0.4	0.5	0.7	0.5	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.0
300 °T	0.0	0.1	0.4	0.7	0.5	0.5	0.4	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.1
320 °T	0.0	0.0	0.5	0.5	0.5	0.5	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.8
340 °T	0.0	0.2	0.4	0.6	0.7	0.7	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	3.6
Column Total	0.1	1.9	6.2	9.3	12.9	15.4	15.0	12.8	9.5	6.8	4.4	2.1	1.7	1.2	0.5	0.2	100.0

Table C-63 - Current Statistics in 5 cm/s intervals for Mooring Reference 3664 at 48.683°N, 9.607°W at 185m Above Seabed (Instrument Depth 23m)

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	12	39	66	45	35	18	14	11	8	5	3	0	0	0	0	256
020 °T	0	13	40	77	97	86	65	35	19	5	4	2	0	0	0	0	443
040 °T	0	11	51	92	157	135	157	126	46	25	9	4	2	0	0	0	815
060 °T	0	4	36	96	106	79	65	55	38	20	14	4	0	0	0	0	517
080 °T	0	9	51	82	61	52	39	19	22	9	2	2	0	0	0	0	348
100 °T	0	15	53	62	59	38	20	12	4	0	0	0	0	0	0	0	263
120 °T	0	9	48	68	32	31	13	9	1	0	0	0	0	0	0	0	211
140 °T	0	19	50	79	46	28	11	7	1	0	0	0	0	0	0	0	241
160 °T	0	5	42	123	83	44	16	5	1	0	0	0	0	0	0	0	319
180 °T	0	11	47	104	112	73	32	12	5	1	0	0	0	0	0	0	397
200 °T	0	10	54	111	160	100	63	35	15	6	0	0	0	0	0	0	554
220 °T	0	11	39	68	82	54	29	20	11	10	3	0	0	0	0	0	327
240 °T	0	10	37	59	51	38	13	6	10	12	5	0	0	0	0	0	241
260 °T	0	8	48	42	35	33	10	14	8	7	2	1	0	0	0	0	208
280 °T	0	10	18	30	20	25	10	20	9	3	0	0	0	0	0	0	145
300 °T	0	9	31	28	23	15	12	13	5	0	0	0	0	0	0	0	136
320 °T	0	11	30	27	24	20	12	10	8	2	0	0	0	0	0	0	144
340 °T	0	11	32	54	35	20	18	14	5	3	0	0	0	0	0	0	192
Column Total	0	188	746	1268	1228	906	603	426	219	111	44	16	2	0	0	0	5757
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	0.7	1.1	0.8	0.6	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	4.4
020 °T	0.0	0.2	0.7	1.3	1.7	1.5	1.1	0.6	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	7.7
040 °T	0.0	0.2	0.9	1.6	2.7	2.3	2.7	2.2	0.8	0.4	0.2	0.1	0.0	0.0	0.0	0.0	14.2
060 °T	0.0	0.1	0.6	1.7	1.8	1.4	1.1	1.0	0.7	0.3	0.2	0.1	0.0	0.0	0.0	0.0	9.0
080 °T	0.0	0.2	0.9	1.4	1.1	0.9	0.7	0.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	6.0
100 °T	0.0	0.3	0.9	1.1	1.0	0.7	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
120 °T	0.0	0.2	0.8	1.2	0.6	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
140 °T	0.0	0.3	0.9	1.4	0.8	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
160 °T	0.0	0.1	0.7	2.1	1.4	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
180 °T	0.0	0.2	0.8	1.8	1.9	1.3	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
200 °T	0.0	0.2	0.9	1.9	2.8	1.7	1.1	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	9.6
220 °T	0.0	0.2	0.7	1.2	1.4	0.9	0.5	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	5.7
240 °T	0.0	0.2	0.6	1.0	0.9	0.7	0.2	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	4.2
260 °T	0.0	0.1	0.8	0.7	0.6	0.6	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.6
280 °T	0.0	0.2	0.3	0.5	0.3	0.4	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5
300 °T	0.0	0.2	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
320 °T	0.0	0.2	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
340 °T	0.0	0.2	0.6	0.9	0.6	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.3
Column Total	0.0	3.3	13.0	22.0	21.3	15.7	10.5	7.4	3.8	1.9	0.8	0.3	0.0	0.0	0.0	0.0	100.0

Table C-64 - Current Statistics in 5 cm/s intervals for Mooring Reference 3665 at 48.683°N, 9.607°W at 134m Above Seabed (Instrument Depth 74m)

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	9	18	64	173	279	242	291	342	384	197	37	0	0	0	0	0	2036
020 °T	8	12	40	104	220	323	409	423	438	408	287	113	2	0	0	0	2787
040 °T	2	5	18	109	144	236	395	582	542	637	272	269	9	0	0	0	3220
060 °T	1	4	48	114	214	257	304	492	517	433	301	18	0	0	0	0	2703
080 °T	4	7	38	105	206	238	373	398	307	139	9	0	0	0	0	0	1824
100 °T	2	10	38	108	162	281	294	344	146	14	1	0	0	0	0	0	1400
120 °T	0	11	38	142	166	266	357	281	70	6	1	0	0	0	0	0	1338
140 °T	1	12	52	166	174	279	326	360	74	10	0	0	0	0	0	0	1454
160 °T	4	5	48	130	191	274	365	474	209	44	5	2	0	0	0	0	1751
180 °T	4	4	37	86	213	290	532	482	532	188	52	7	0	0	0	0	2427
200 °T	3	12	57	69	182	267	427	546	463	523	225	35	1	0	0	0	2810
220 °T	5	7	32	64	161	355	326	402	484	616	341	78	6	0	0	0	2877
240 °T	1	16	25	143	300	281	207	299	501	499	211	27	0	0	0	0	2510
260 °T	1	21	74	170	221	163	238	308	348	136	8	0	0	0	0	0	1688
280 °T	1	12	113	149	124	171	274	295	123	3	0	0	0	0	0	0	1265
300 °T	3	20	92	161	166	201	251	182	39	0	0	0	0	0	0	0	1115
320 °T	0	19	101	215	128	223	247	242	29	0	0	0	0	0	0	0	1204
340 °T	8	26	82	226	182	248	273	283	133	28	0	0	0	0	0	0	1489
Column Total	57	221	997	2434	3433	4595	5889	6735	5339	3881	1750	549	18	0	0	0	35898
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	0.1	0.2	0.5	0.8	0.7	0.8	1.0	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	5.7
020 °T	0.0	0.0	0.1	0.3	0.6	0.9	1.1	1.2	1.2	1.1	0.8	0.3	0.0	0.0	0.0	0.0	7.8
040 °T	0.0	0.0	0.1	0.3	0.4	0.7	1.1	1.6	1.5	1.8	0.8	0.7	0.0	0.0	0.0	0.0	9.0
060 °T	0.0	0.0	0.1	0.3	0.6	0.7	0.8	1.4	1.4	1.2	0.8	0.1	0.0	0.0	0.0	0.0	7.5
080 °T	0.0	0.0	0.1	0.3	0.6	0.7	1.0	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	5.1
100 °T	0.0	0.0	0.1	0.3	0.5	0.8	0.8	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
120 °T	0.0	0.0	0.1	0.4	0.5	0.7	1.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
140 °T	0.0	0.0	0.1	0.5	0.5	0.8	0.9	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
160 °T	0.0	0.0	0.1	0.4	0.5	0.8	1.0	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.9
180 °T	0.0	0.0	0.1	0.2	0.6	0.8	1.5	1.3	1.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	6.8
200 °T	0.0	0.0	0.2	0.2	0.5	0.7	1.2	1.5	1.3	1.5	0.6	0.1	0.0	0.0	0.0	0.0	7.8
220 °T	0.0	0.0	0.1	0.2	0.4	1.0	0.9	1.1	1.3	1.7	0.9	0.2	0.0	0.0	0.0	0.0	8.0
240 °T	0.0	0.0	0.1	0.4	0.8	0.8	0.6	0.8	1.4	1.4	0.6	0.1	0.0	0.0	0.0	0.0	7.0
260 °T	0.0	0.1	0.2	0.5	0.6	0.5	0.7	0.9	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	4.7
280 °T	0.0	0.0	0.3	0.4	0.3	0.5	0.8	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
300 °T	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
320 °T	0.0	0.1	0.3	0.6	0.4	0.6	0.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
340 °T	0.0	0.1	0.2	0.6	0.5	0.7	0.8	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.1
Column Total	0.2	0.6	2.8	6.8	9.6	12.8	16.4	18.8	14.9	10.8	4.9	1.5	0.1	0.0	0.0	0.0	100.0

Table C-65 - Current Statistics in 5 cm/s intervals for Mooring Reference 3157 at 48.710°N, 8.962°W at 115m Above Seabed (Inst. Depth 50m)

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	206	356	259	141	41	7	0	0	0	0	0	0	0	0	0	0	1010
020 °T	181	281	227	106	38	4	0	0	0	0	0	0	0	0	0	0	837
040 °T	138	250	163	84	38	4	3	0	0	0	0	0	0	0	0	0	680
060 °T	133	218	152	89	37	4	3	0	0	0	0	0	0	0	0	0	636
080 °T	100	146	100	44	24	14	8	0	0	0	0	0	0	0	0	0	436
100 °T	95	156	86	44	14	10	1	0	0	0	0	0	0	0	0	0	406
120 °T	83	129	81	24	3	2	1	0	0	0	0	0	0	0	0	0	323
140 °T	107	139	116	47	22	9	1	0	0	0	0	0	0	0	0	0	441
160 °T	92	157	118	75	21	12	5	0	0	0	0	0	0	0	0	0	480
180 °T	122	182	125	77	47	33	9	6	0	0	0	0	0	0	0	0	601
200 °T	145	202	169	92	44	27	9	3	0	0	0	0	0	0	0	0	691
220 °T	179	222	172	85	38	15	3	0	0	0	0	0	0	0	0	0	714
240 °T	174	169	143	77	26	7	0	0	0	0	0	0	0	0	0	0	596
260 °T	168	199	133	75	17	1	0	0	0	0	0	0	0	0	0	0	593
280 °T	177	231	141	66	26	2	0	0	0	0	0	0	0	0	0	0	643
300 °T	194	272	171	89	27	3	0	0	0	0	0	0	0	0	0	0	756
320 °T	220	317	196	124	49	18	0	0	0	0	0	0	0	0	0	0	924
340 °T	195	307	251	123	37	5	1	0	0	0	0	0	0	0	0	0	919
Column Total	2709	3933	2803	1462	549	177	44	9	0	0	0	0	0	0	0	0	11686
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	3.0	2.2	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6
020 °T	1.5	2.4	1.9	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	7.2
040 °T	1.2	2.1	1.4	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	5.8
060 °T	1.1	1.9	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	5.4
080 °T	0.9	1.2	0.9	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
100 °T	0.8	1.3	0.7	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	3.5
120 °T	0.7	1.1	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	2.8
140 °T	0.9	1.2	1.0	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	3.8
160 °T	0.8	1.3	1.0	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	4.1
180 °T	1.0	1.6	1.1	0.7	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
200 °T	1.2	1.7	1.4	0.8	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
220 °T	1.5	1.9	1.5	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	6.1
240 °T	1.5	1.4	1.2	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
260 °T	1.4	1.7	1.1	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	5.1
280 °T	1.5	2.0	1.2	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	5.5
300 °T	1.7	2.3	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5
320 °T	1.9	2.7	1.7	1.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9
340 °T	1.7	2.6	2.1	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	7.9
Column Total	23.2	33.7	24.0	12.5	4.7	1.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Table C-66 - Current Statistics in 5 cm/s intervals for Mooring Reference 9592 at 49.108°N, 12.181°W at 800m Above Seabed (Instrument Depth 196m)

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	7	7	14	11	14	4	3	2	1	0	0	0	0	0	0	0	63
020 °T	0	4	14	13	21	22	16	5	2	4	0	0	0	0	0	0	101
040 °T	1	9	9	12	14	14	16	20	16	3	1	2	0	0	0	0	117
060 °T	6	5	6	14	15	10	8	13	8	6	2	1	0	0	0	0	94
080 °T	1	4	3	4	5	8	7	8	9	2	2	3	1	0	0	0	57
100 °T	1	3	5	6	3	6	9	6	7	5	4	2	0	0	0	0	57
120 °T	1	7	4	12	3	4	4	9	3	3	4	2	0	0	0	0	56
140 °T	2	1	4	7	8	13	9	8	6	5	1	0	0	0	0	0	64
160 °T	3	5	4	4	6	5	10	4	8	9	0	3	0	0	0	0	61
180 °T	3	8	3	6	7	13	13	11	3	4	4	2	0	0	0	0	77
200 °T	3	5	11	9	8	14	3	7	6	5	0	0	0	0	0	0	71
220 °T	0	10	4	12	15	8	8	5	2	1	3	0	0	0	0	0	68
240 °T	8	4	12	6	11	6	7	1	2	1	0	0	0	0	0	0	58
260 °T	2	9	11	10	6	4	0	2	0	0	0	0	0	0	0	0	44
280 °T	0	5	9	4	5	0	1	2	0	0	0	0	0	0	0	0	26
300 °T	3	6	10	6	3	2	0	0	0	0	0	0	0	0	0	0	30
320 °T	3	9	6	8	2	2	2	0	0	0	0	0	0	0	0	0	32
340 °T	1	14	9	10	3	2	0	1	0	0	0	0	0	0	0	0	40
Column Total	45	115	138	154	149	137	116	104	73	48	21	15	1	0	0	0	1116
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	0.6	0.6	1.3	1.0	1.3	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
020 °T	0.0	0.4	1.3	1.2	1.9	2.0	1.4	0.4	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	9.1
040 °T	0.1	0.8	0.8	1.1	1.3	1.3	1.4	1.8	1.4	0.3	0.1	0.2	0.0	0.0	0.0	0.0	10.5
060 °T	0.5	0.4	0.5	1.3	1.3	0.9	0.7	1.2	0.7	0.5	0.2	0.1	0.0	0.0	0.0	0.0	8.4
080 °T	0.1	0.4	0.3	0.4	0.4	0.7	0.6	0.7	0.8	0.2	0.2	0.3	0.1	0.0	0.0	0.0	5.1
100 °T	0.1	0.3	0.4	0.5	0.3	0.5	0.8	0.5	0.6	0.4	0.4	0.2	0.0	0.0	0.0	0.0	5.1
120 °T	0.1	0.6	0.4	1.1	0.3	0.4	0.4	0.8	0.3	0.3	0.4	0.2	0.0	0.0	0.0	0.0	5.0
140 °T	0.2	0.1	0.4	0.6	0.7	1.2	0.8	0.7	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	5.7
160 °T	0.3	0.4	0.4	0.4	0.5	0.4	0.9	0.4	0.7	0.8	0.0	0.3	0.0	0.0	0.0	0.0	5.5
180 °T	0.3	0.7	0.3	0.5	0.6	1.2	1.2	1.0	0.3	0.4	0.4	0.2	0.0	0.0	0.0	0.0	6.9
200 °T	0.3	0.4	1.0	0.8	0.7	1.3	0.3	0.6	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	6.4
220 °T	0.0	0.9	0.4	1.1	1.3	0.7	0.7	0.4	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	6.1
240 °T	0.7	0.4	1.1	0.5	1.0	0.5	0.6	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.2
260 °T	0.2	0.8	1.0	0.9	0.5	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
280 °T	0.0	0.4	0.8	0.4	0.4	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
300 °T	0.3	0.5	0.9	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
320 °T	0.3	0.8	0.5	0.7	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
340 °T	0.1	1.3	0.8	0.9	0.3	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
Column Total	4.0	10.3	12.4	13.8	13.4	12.3	10.4	9.3	6.5	4.3	1.9	1.3	0.1	0.0	0.0	0.0	100.0

Table C-67 - Current Statistics in 5 cm/s intervals for Mooring Reference 9591 at 49.146°N, 10.520°W at 112m 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	3	14	15	15	23	19	9	9	2	0	1	0	0	0	0	0	110
020 °T	3	14	24	33	22	28	29	19	11	4	2	2	0	0	0	0	191
040 °T	6	10	21	26	40	40	32	31	24	8	4	3	2	0	0	0	247
060 °T	1	11	20	14	29	35	35	20	11	8	3	2	0	0	0	0	189
080 °T	1	7	10	14	27	17	13	9	4	2	1	1	0	1	0	0	107
100 °T	4	4	7	9	21	19	9	6	2	1	1	0	0	0	0	0	83
120 °T	2	5	7	8	16	19	11	5	1	2	0	0	0	0	0	0	76
140 °T	2	9	9	21	15	12	14	10	4	1	0	0	0	0	0	0	97
160 °T	1	8	10	14	22	20	8	6	1	0	0	0	0	0	0	0	90
180 °T	2	5	7	19	19	19	14	8	4	0	0	0	0	0	0	0	97
200 °T	2	5	11	14	19	21	21	7	4	0	0	0	0	0	0	0	104
220 °T	3	7	8	20	24	12	20	5	5	0	0	0	0	0	0	0	104
240 °T	5	6	4	20	22	8	2	5	3	0	0	0	0	0	0	0	75
260 °T	4	10	14	20	12	8	11	1	1	0	0	0	0	0	0	0	81
280 °T	4	9	11	15	9	7	6	0	0	0	0	0	0	0	0	0	61
300 °T	2	9	12	22	10	11	1	1	1	0	0	0	0	0	0	0	69
320 °T	1	14	11	12	13	8	6	2	1	0	0	0	0	0	0	0	68
340 °T	2	12	19	16	16	14	5	4	0	0	0	0	0	0	0	0	88
Column Total	48	159	220	312	359	317	246	148	79	26	12	8	2	1	0	0	1937
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	0.7	0.8	0.8	1.2	1.0	0.5	0.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	5.7
020 °T	0.2	0.7	1.2	1.7	1.1	1.4	1.5	1.0	0.6	0.2	0.1	0.1	0.0	0.0	0.0	0.0	9.9
040 °T	0.3	0.5	1.1	1.3	2.1	2.1	1.7	1.6	1.2	0.4	0.2	0.2	0.1	0.0	0.0	0.0	12.8
060 °T	0.1	0.6	1.0	0.7	1.5	1.8	1.8	1.0	0.6	0.4	0.2	0.1	0.0	0.0	0.0	0.0	9.8
080 °T	0.1	0.4	0.5	0.7	1.4	0.9	0.7	0.5	0.2	0.1	0.1	0.1	0.0	0.1	0.0	0.0	5.5
100 °T	0.2	0.2	0.4	0.5	1.1	1.0	0.5	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	4.3
120 °T	0.1	0.3	0.4	0.4	0.8	1.0	0.6	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9
140 °T	0.1	0.5	0.5	1.1	0.8	0.6	0.7	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.0
160 °T	0.1	0.4	0.5	0.7	1.1	1.0	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
180 °T	0.1	0.3	0.4	1.0	1.0	1.0	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
200 °T	0.1	0.3	0.6	0.7	1.0	1.1	1.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
220 °T	0.2	0.4	0.4	1.0	1.2	0.6	1.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
240 °T	0.3	0.3	0.2	1.0	1.1	0.4	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
260 °T	0.2	0.5	0.7	1.0	0.6	0.4	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
280 °T	0.2	0.5	0.6	0.8	0.5	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
300 °T	0.1	0.5	0.6	1.1	0.5	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
320 °T	0.1	0.7	0.6	0.6	0.7	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
340 °T	0.1	0.6	1.0	0.8	0.8	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
Column Total	2.5	8.2	11.4	16.1	18.5	16.4	12.7	7.6	4.1	1.3	0.6	0.4	0.1	0.1	0.0	0.0	100.0

Table C-68 - Current Statistics in 5 cm/s intervals for Mooring Reference 9590 at 49.151°N, 10.514°W at 112m 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	2	7	4	21	23	26	21	14	2	0	0	0	0	0	0	0	120
020 °T	5	5	9	16	25	32	38	33	13	2	0	0	0	0	0	0	178
040 °T	4	12	11	17	20	38	28	34	20	3	0	0	0	0	0	0	187
060 °T	1	7	6	17	23	35	31	16	4	2	0	0	0	0	0	0	142
080 °T	4	7	10	17	19	13	13	7	1	0	0	0	0	0	0	0	91
100 °T	3	5	11	28	14	12	3	2	0	0	0	0	0	0	0	0	78
120 °T	6	5	9	10	14	6	5	0	0	0	0	0	0	0	0	0	55
140 °T	1	3	11	17	16	8	1	0	0	0	0	0	0	0	0	0	57
160 °T	3	5	12	16	11	17	4	2	0	0	0	0	0	0	0	0	70
180 °T	2	9	8	15	26	23	15	7	3	1	0	0	0	0	0	0	109
200 °T	4	11	15	19	25	30	28	17	11	3	0	0	0	0	0	0	163
220 °T	1	9	18	25	29	38	24	26	7	3	1	0	0	0	0	0	181
240 °T	2	12	18	17	24	29	19	7	2	1	1	0	0	0	0	0	132
260 °T	2	14	12	9	19	9	5	5	0	0	0	0	0	0	0	0	75
280 °T	8	9	16	20	13	5	5	0	0	0	0	0	0	0	0	0	76
300 °T	8	9	17	12	17	8	0	3	0	0	0	0	0	0	0	0	74
320 °T	6	9	6	15	19	11	1	0	0	0	0	0	0	0	0	0	67
340 °T	5	4	11	16	15	21	8	2	0	0	0	0	0	0	0	0	82
Column Total	67	142	204	307	352	361	249	175	63	15	2	0	0	0	0	0	1937
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	0.2	1.1	1.2	1.3	1.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
020 °T	0.3	0.3	0.5	0.8	1.3	1.7	2.0	1.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	9.2
040 °T	0.2	0.6	0.6	0.9	1.0	2.0	1.4	1.8	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	9.7
060 °T	0.1	0.4	0.3	0.9	1.2	1.8	1.6	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	7.3
080 °T	0.2	0.4	0.5	0.9	1.0	0.7	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
100 °T	0.2	0.3	0.6	1.4	0.7	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
120 °T	0.3	0.3	0.5	0.5	0.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
140 °T	0.1	0.2	0.6	0.9	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
160 °T	0.2	0.3	0.6	0.8	0.6	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
180 °T	0.1	0.5	0.4	0.8	1.3	1.2	0.8	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.6
200 °T	0.2	0.6	0.8	1.0	1.3	1.5	1.4	0.9	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	8.4
220 °T	0.1	0.5	0.9	1.3	1.5	2.0	1.2	1.3	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	9.3
240 °T	0.1	0.6	0.9	0.9	1.2	1.5	1.0	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	6.8
260 °T	0.1	0.7	0.6	0.5	1.0	0.5	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
280 °T	0.4	0.5	0.8	1.0	0.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
300 °T	0.4	0.5	0.9	0.6	0.9	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
320 °T	0.3	0.5	0.3	0.8	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
340 °T	0.3	0.2	0.6	0.8	0.8	1.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
Column Total	3.5	7.3	10.5	15.8	18.2	18.6	12.9	9.0	3.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	100.0

Table C-69 - Current Statistics in 5 cm/s intervals for Mooring Reference 9589 at 49.151°N, 10.514°W at 42m Above Seabed (Instrument Depth 100m)