

Milford WaveRider Buoy

Location

OS: 427297E 90361N
 WGS84: Latitude: 50°42'73" N Longitude: 001°36'93" W

Water Depth

Approx. 10m CD

Instrument Type

Datawell WaveRider Buoy

Data Quality

C1(%)	Sample interval
80	Twice per hour

Annual Means

Milford 2003							
Month	H _s (m)	H _{max} (m)	T _p (s)	T _m (s)	Direction (°)	SST (°C)	No. of days
January	0.817	1.494	-	4.7	-	-	31
February	0.610	1.114	-	5.0	-	-	28
March	0.535	0.978	-	4.5	-	-	31
April	0.425	0.784	-	4.3	-	-	30
May	0.642	1.190	-	3.9	-	-	31
June	0.423	0.785	-	4.0	-	-	29
July	0.519	0.967	-	3.7	-	-	31
August	0.254	0.475	-	3.6	-	-	18
September	-	-	-	-	-	-	0
October	0.365	0.680	-	3.4	-	-	18
November	0.831	1.519	-	4.7	-	-	30
December	0.568	1.047	-	4.2	-	-	15

Tables and plots of these values, together with the minimum and maximum values and the standard deviation are available on the website.

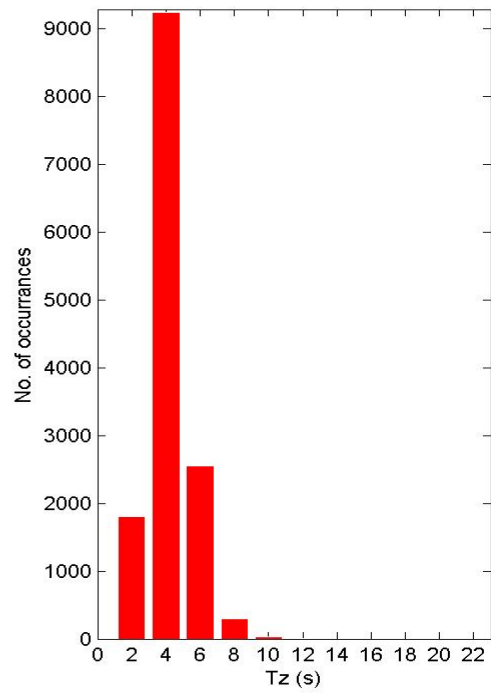
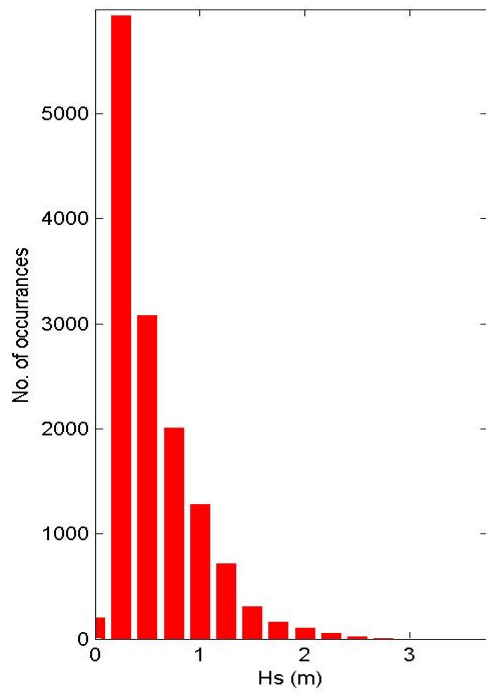
5 Highest storm events in 2003	
Date/Time	H _s (m)
20-Jan-2003 10:17	3.18
02-May-2003 19:59	2.95
14-Nov-2003 15:17	2.92
03-Nov-2003 02:17	2.83
02-Nov-2003 09:17	2.68

Year	Annual H _s exceedance* (m)				
	0.5%	1%	2%	5%	10%
2003	2.24	2.02	1.76	1.37	1.13
2004					
2005					

* i.e. 5 % of the H_s values measured in 2003 exceeded 1.37m

Distribution plots

Milford



General

The buoy was hit on 20 August 2003 and was later recovered from Barton Beach.