

Lymington Wave Recorder

Location

OS: 434877E 93528N
 WGS84: Latitude: 50° 44' 25.18947" N Longitude: 01° 30' 25.60798"W

Water Depth

Approx. 3m

Instrument Type

Valeport pressure transducer

Data Quality

C1(%)	Sample interval
36	60 minutes

Annual Means

Lymington 2003							
Month	H _s (m)	H _{max} (m)	T _p (s)	T _m (s)	Direction (°)	SST (°C)	No. of days
January	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-
August	0.127	0.197	2.6	2.5	-	20.2	23
September	0.091	0.144	2.6	2.6	-	17.9	26
October	0.181	0.273	2.9	2.7	-	13.4	25
November	0.179	0.268	3.0	2.8	-	10.7	29
December	0.164	0.247	3.0	2.7	-	8.3	29

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

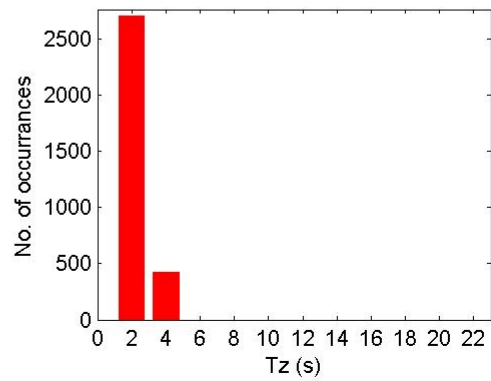
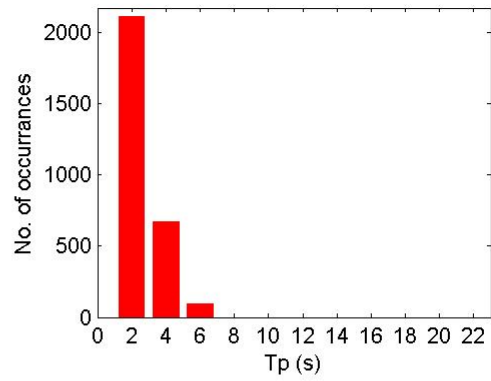
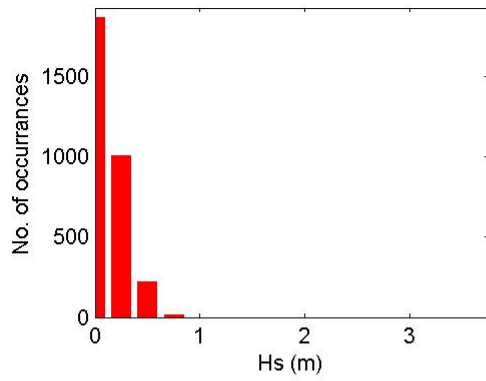
5 Highest storm events in 2003	
Date/Time	H _s (m)
03-Nov-2003 04:00	0.81
02-Nov-2003 10:00	0.79
22-Oct-2003 20:00	0.77
07-Dec-2003 09:00	0.77
14-Nov-2003 12:00	0.74

Year	Annual H _s exceedance* (m)				
	0.5%	1%	2%	5%	10%
2003	0.66	0.61	0.55	0.44	0.34
2004					
2005					

* i.e. 5 % of the H_s values measured in 2003 exceeded 0.44m

Distribution plots

Lymington (August to December 2003)



General

The pressure transducer was first deployed on 10 August 2003.