MONTH	WAVE HT.	PERIOD	DIRECTION	DAY	HOUR
SEPT 2007	4.3 m	11.8 /s	339°	25	20
OCT 2007	3.7 m	11.7 /s	336°	29	22
NOV 2007	4.0 m	11.7 /s	339°	20	8
DEC 2007	9.3 m	15.4 /s	333°	10	1
SEPT 2008	5.7 m	13.3 /s	317°	11	23
OCT 2008	4.2 m	11.1 /s	333°	22	13
DEC 2008	8.2 m	19.9 /s	322°	14	18
SEPT 2009	3.2 m	11.7 /s	307°	2	4

Source:

http://www.puertos.es/en/oceanografia_y_meteorologia/redes_de_medida/index.html → Maximum Heights

The following time series are from:

http://www.puertos.es/en/oceanografia_y_meteorologia/redes_de_medida/index.html
Time series

TIME SERIES: WAVE HEIGHTS 2007



Mes

					-				
Dire	cción	Altura significante (m)						Total	
(gra	dos)	(00-01]	(01-02]	(02-03]	(03-04]	(04-05]	(05-06]	> 06	
N	0.0	1.881	8.486	1.422	.275	-	-	-	12.064
NNE	22.5	.046	1.101	.321	-	-	-	-	1.468
NE	45.0	-	.138	-	-	-	-	-	.138
ENE	67.5	-	-	-	-	-	-	-	-
Е	90.0	-	-	-	-	-	-	-	-
ESE	112.5	.046	-	-	-	-	-	-	.046
SE	135.0	-	-	-	-	-	-	-	-
SSE	157.5	-	-	-	-	-	-	-	-
s	180.0	-	.092	.138	-	-	-	-	.229
ssw	202.5	.046	.046	.688	-	-	-	-	.780
sw	225.0	-	-	.183	-	-	-	-	.183
wsw	247.5	.092	.183	.092	.092	-	-	-	.459
w	270.0	.872	2.752	1.101	.917	.046	-	-	5.688
WNW	292.5	3.761	10.459	1.789	.138	-	-	-	16.147
NW	315.0	4.312	12.569	5.917	.780	-	-	-	23.578
NNW	337.5	5.596	19.358	10.046	4.128	.092	-	-	39.220
Total		16.651	55.183	21.697	6.330	.138	-	-	100 %

The above compares wave propagation and wave height: SEPT-NOV 2007 Waves Data Report: 2007, page 19

The below are average wave heights of each day (black line) and the maximum wave height (gray line). From Waves Data Report, pages 3 and 4. December 2006:



October 2007:



November 2007:



Silleiro . Altura significante (m) y máxima (gris), periodo(s) medio y de pico (gris) y dirección de pico (gr) del oleaje. Mes de Noviembre 2007.



Please note that 2008 and 2009 do NOT have data reports available. Therefore most of the graphs available for 2007 are not available for 2008 and 2009.

WEATHER REPORTS OF MAXIMUM WAVE HEIGHTS (2007-2009) The following weather reports are from wunderground.com

SEPTEMBER 25, 2007:

http://www.wunderground.com/history/airport/LEVX/2007/9/25/DailyHistory.html Observations:

- 1. At 19:30, winds increased from 13.8 mph to 16.1 mph. At 20:00, winds decreased to 12.7 mph.
- September 24, 2007: Report indicated fog and light rain. Vigo was clear past 04:30
- 3. There was no record of precipitation at 20:00; all other times either had n/a's or specifics.

OCTOBER 29, 2007:

http://www.wunderground.com/history/airport/LEVX/2007/10/29/DailyHistory.html Observations:

- 1. The entire day is mostly cloudy. It rains 0700-0900.
- 2. Weather clears at 2200, when the wave height is the largest.
- 3. Wind direction is "variable" at 2000
- 4. Winds were in the double digits (>10 mph) past 1200.

NOVEMBER 20, 2007:

http://www.wunderground.com/history/airport/LEVX/2007/11/20/DailyHistory.html Observations:

- 1. Fog and clouds all day. There was rain at 1530.
- 2. There was light rain, all day, the day before: 11/19/07.

DECEMBER 10, 2007:

http://www.wunderground.com/history/airport/LEVX/2007/12/10/DailyHistory.html Observations:

- 1. It started to rain 0100, when the maximum wave height occurred.
- 2. Wind speed was 7mph, which was faster than the past few hours.
- 3. Wind was NW versus NNW; NNW was the most common direction of waves in the morning
- 4. The day before: light drizzle/rain in morning, clouds in afternoon. Wind speeds were 6.2 mph towards the end of the day

SEPTEMBER 11, 2008:

http://www.wunderground.com/history/airport/LEVX/2008/9/11/DailyHistory.html Observations:

- 1. Clear all day
- 2. The max wave height was at 2300. At 2250, winds were at 9.2 mph, at 2300 they were 4.6
- 3. Winds between 8-12 mph from 1800-2250.

OCTOBER 22, 2008:

http://www.wunderground.com/history/airport/LEVX/2008/10/22/DailyHistory.html Observations:

- 1. Gust speeds were 24-31 mph between 1200 and 2000.
- 2. At 1300, winds were at 15 mph. Wind gusts a half hour before were 26.5 mph and gusts a half hour later were 29.9 mph.
- 3. Cloudy and foggy throughout the day

DECEMBER 14, 2008:

http://www.wunderground.com/history/airport/LEVX/2008/12/14/DailyHistory.html

Observations:

- 1. Rain, rain showers and thunderstorms all day: cause of turbulence
- 2. Wind speed at 8.1 mph on Dec. 14, wind gusts a couple of hours before went up to 35 mph. This day had a large range of wind speeds, which stirs up potential energy in the ocean.

SEPTEMBER 2, 2009:

http://www.wunderground.com/history/airport/LEVX/2009/9/2/DailyHistory.html Observations:

- 1. Partly cloudy/clear conditions...no conditions to explain wave height
- 2. The maximum wave height was not big—3.2 m. Compared to the other waves, this isn't unusually large