

PRACTICAL USE CASE 1: Sea patrolling daily warnings report

Frontex Situation Centre / Eurosur Fusion Services / EFS Weather application

Patrol vessel features

Vessel type: CPV 3

Vessel name: Dolores

Maximum wave: 2.5

Patrolling area: Gulf of Lyon

Patrolling time: 8:00 to 20:00 - UTC+0200 (Central European Daylight Time)

Reporting time: 6:45 - UTC+0200 (Central European Daylight Time)

Reporter:

Thursday 22. 10. 2016	Sea state	Comments
02.00	N/A	
05.00	N/A	
08.00	2 - Smooth (wavelets)	
11.00	2 - Smooth (wavelets)	
14.00	4 - Moderate	Moderate condition coming from west.
17.00	5 - Rough	Maximum wave height exceeded in the western area of the gulf, the rest is moderated. Inflatable cannot be used. Stay in eastern area.
20.00	4 - Moderate	All over the gulf.
23.00	N/A	
02:00 (+1)	N/A	

WMO Sea State Code	Wave height	Characteristics
0	0 metres (0 ft)	Calm (glassy)
1	0 to 0.1 metres (0.00 to 0.33 ft)	Calm (rippled)
2	0.1 to 0.5 metres (3.9 in to 1 ft 7.7 in)	Smooth (wavelets)
3	0.5 to 1.25 metres (1 ft 8 in to 4 ft 1 in)	Slight
4	1.25 to 2.5 metres (4 ft 1 in to 8 ft 2 in)	Moderate
5	2.5 to 4 metres (8 ft 2 in to 13 ft 1 in)	Rough
6	4 to 6 metres (13 to 20 ft)	Very rough
7	6 to 9 metres (20 to 30 ft)	High
8	9 to 14 metres (30 to 46 ft)	Very high

Vessel type	Characteristics	Maximum Wave height (m)
CPV 1	Coastal patrol vessel 10m	1.5
CPV 2	Coastal patrol vessel 14m	2.0
CPV 3	Coastal patrol vessel 17m	2.5
Inflatable	7m	1