

COASTAL SEA WATER SITUATION

Average surface values in sea water, measured with multi-parametric probe

	Area A	Area B	Area C	Area D
Temperature (°C)	24,25	25,43	24,49	-
Salinity (PSU)	31,69	30,03	23,41	-
O ₂ (%)	107,81	132,54	116,45	-
pH	-	-	-	-
Chlorophyll "a" (µg/l)	2,77	5,47	5,19	-

In June water chemical and physical parameters were consistent with the weather and climate of the period. Dissolved oxygen has values higher than the saturation, particularly in the area in front of Venice. This is probably connected to the abundance of phytoplankton as confirmed by the high values of chlorophyll.

For instrumental problems pH value are not available. For technical reasons in June the D area was not monitored and the July monitoring cruise has not been done.

See the agency's website for further information on the tools used during the monitoring process:
www.arpav.veneto.it/temi-ambientali/acqua/acque-marino-costiere

Curiosity

Botryllus schlosseri is a colonial ascidian tunicate long up to 5 cm and width of about 2 cm.

The individuals of a colony are aggregated in clumps from 3 to 16 in a circle around a common cloacal opening, assuming a typical flower or star shape (resembling small white daisies).

The color is extremely variable, from white to black, but also orange, red, brown, green and purple.

Botryllus schlosseri grows on a variety of surfaces, include docks, boat hulls, buoys, ropes, pilings and the undersides of rocks, and on mussels (see photo).

It grows well in shallow water but can reach up to 100 meters deep.



stock photos ARPAV




COASTAL BATHING WATER SITUATION

For the year 2015, in the regional monitoring network for the quality of coastal bathing water, there are 95 control points in the Adriatic Sea and 1 on the stretch of water near Albarella.

Each month from April to September, the following activities are carried out at every checkpoint: measurement of environmental parameters, visual inspections, and taking water samples for bacteriological analysis. The checks are carried out by ARPAV's technicians, with the support of the nautical units of the Veneto Region Coast Guard and Harbour Offices. The situation at **July 31** is shown in the adjacent table.

Algae Surveillance: no potentially toxic algal blooms were detected.

For further information, please visit the website at:
www.arpav.veneto.it/acqua/htm/balneazione.asp

KEY	
	Suitable area
	Temporarily unsuitable area
	Permanently unsuitable area

Situation - 31 July 2015

			
Mare Adriatico	95		
S. Michele al Tagliamento (Ve)	6		
Caorle (Ve)	15		
Eraclea (Ve)	2		
Jesolo (Ve)	12		
Cavallino Treporti (Ve)	12		
Venezia	18		
Chioggia (Ve)	11		
Rosolina (Ro)	9		
Porto Viro (Ro)	2		
Porto Tolle (Ro)	8		
Specchio Nautico di Albarella	1		
Rosolina (Ro)	1		