

COASTAL SEA WATER SITUATION

	A Area	B Area	C Area	D Area
Temperature (°C)	25,4	27,2	27,4	27,3
Salinity (PSU)	35,9	35,4	34,3	35,7
O2 (%)	90,3	91,2	97,9	103,1
pH	8,17	8,15	8,21	8,12

The values measured are consistent with the weather and climate conditions in the period.

SPECIFIC POINTS

The observations with underwater video camera and transparency measures carried out with "Secchi Disk" revealed a water column mostly clear with exception of Areas C and D which show more turbidity.

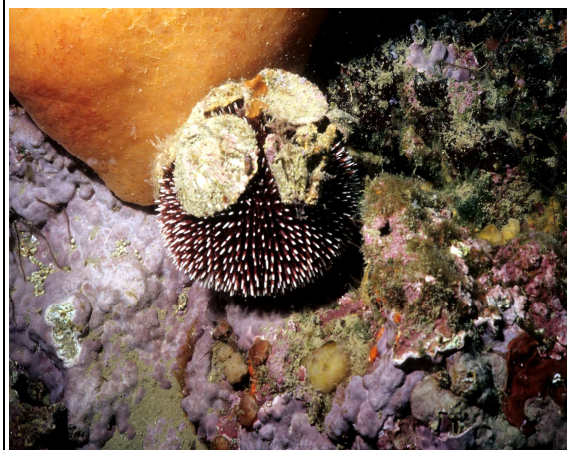
See the agency's website for further information on the tools used during the monitoring process:

www.arpa.veneto.it/temi-ambientali/acqua/acque-marino-costiere



DID YOU KNOW?




Paracentrotus lividus, commonly known as the "purple sea urchin" is a globular, dark purple, marine animal (up to 7 cm in diameter), which constitute the echinoderm phylum. The name "urchin" is an old name for the round spiny hedgehogs that sea urchins resemble. Spines are long (3 cm), thick, smooth and sharply pointed. It is found in the eastern Atlantic Ocean and in the Mediterranean Sea. In the Adriatic sea, lives under limestone rocks and calcareous algae (*Tegnùe*), or in beds of the seagrass *Zostera marina*. It may live in groups into the shallow water until 30 metres. In low water it uses its spines and teeth to bore into soft rocks, to create cavities for protection from both wave action and desiccation and predators or is often self-covered by shell remains or algae because it doesn't like the light. It moves slowly, especially active at night, eating a range of red, green and brown algae in addition to seagrass. The red gonads are considered a delicacy in Mediterranean countries.



(Photo from the archives of Arpav)

COASTAL BATHING WATER SITUATION

For the year 2012, 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 Albarella expanse of nautical water. 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.

KEY	
	Suitable area
	Temporarily unsuitable area
	Permanently unsuitable area

Details of the situation on August 31 are given in the table on the right.

Algae Surveillance: no potentially toxic algal blooms were detected.

For further information, please visit the website at:

www.arpa.veneto.it/acqua/htm/balneazione.asp

Situation 31 August 2012			
Adriatic Sea	95		
S. Michele al Tagliamento (Ve)	6		
Caorle (Ve)	15		
Eraclea (Ve)	2		
Jesolo (Ve)	12		
Cavallino Treporti (Ve)	12		
Venice	18		
Chioggia (Ve)	11		
Rosolina (Ro)	9		
Porto Viro (Ro)	2		
Porto Tolle (Ro)	8		
Albarella Nautical Water	1		
Rosolina (Ro)	1		