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SERVIZIO OSSERVATORIO ACQUE
MARINE E LAGUNARI

InforMare

May 2014

Coverage: regional

Frequency: every month

Period: seasonal

COASTAL SEA WATER SITUATION

Average surface values in sea water, measured with multi-parametric probe				
	A Area	B Area	C Area	D Area
Temperature (°C)	18,85	18,79	19,37	20,69
Salinity (PSU)	28,01	28,93	24,24	20,35
O ₂ (%)	92,96	88,60	91,36	93,98
pH	8,42	8,42	8,33	8,51
Chlorophyll "a" (µg/l)	0,92	0,86	1,04	2,09

Water temperatures are consistent with the weather and climate of the period. A large supply of fresh water from rivers swollen by heavy rains generate low levels of salinity.

REMARKS

The visual observations and transparency measures carried out through the "Secchi disk" showed that the water column is generally clear in the north and very turbid in the south, especially at the mouths of major rivers.

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

Bathing waters of Veneto shorelines are classified every year by the Veneto Region administration, basing on a proposal prepared by the Environmental Agency (ARPAV). Such classification is based on microbiological data (*Escherichia coli* and intestinal enterococci) monitored by ARPAV in the last four bathing seasons, according to current legislation (Legislative Decree no. 116 / 2008), which sets out four quality classes (excellent, good, fair, poor).

The classification is valid until further check to be carried out before the start of the new bathing season. The law also requires that **all bathing waters reach at least the "sufficient" class within 2015**.

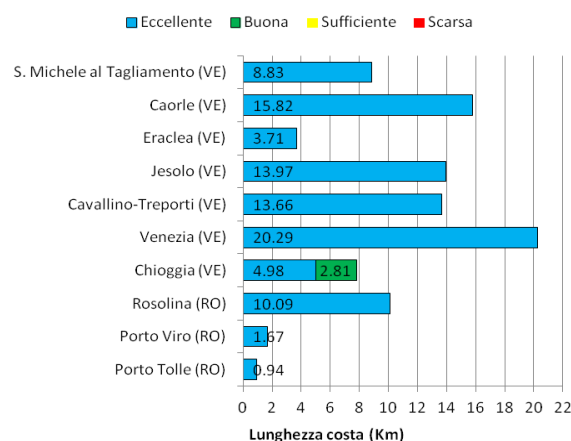
Last classification (2010-2013) of Adriatic Sea bathing waters is favorable: **"90 bathing waters have been rated "excellent" and 3 are classified as "good"** (Chioggia beach-Isola Verde).

Two bathing waters in the municipality of Porto Tolle (Rovigo) have not been classified since the monitoring has been established in 2012.

On a total of 96.76 km of coastline, 93.95 Km are rated "excellent" (97.1%) and 2.81 km are rated "good" (2.9%).

The bathing season in Veneto started on May 15th and it will last until September 15th.

In case of unfavourable monitoring outcome, a specific advice is sent by ARPAV to the municipality, who is in charge to prohibit bathing until a favourable sampling outcome is achieved.



Classification of bathing waters of the Adriatic Sea is valid for the start of the 2014 bathing season. The graph shows, for each municipality, the length of coastline divided into quality classes

COASTAL BATHING WATER SITUATION

For the year 2014 the regional monitoring network for the quality of bathing water includes 95 control points in the Adriatic Sea and 1 on the Albarella harbour. Each month from April to September, the following activities are carried out at every station: measurement of environmental parameters, visual inspections and water sampling for bacteriological analysis. The surveys are carried out by ARPAV's technicians, with the support of the Veneto Region Coast Guard and Harbour Offices. Details of the situation on **May 30** are given in the table on the right.

KEY	
	Suitable area
	Temporarily unsuitable area
	Permanently unsuitable area

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 30 May 2014

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		

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