

COASTAL SEA WATER SITUATION

The monitoring survey of marine and coastal waters of September 2015 took place on days 16, 21 and 22. The table below shows the data of the main parameters measured by multiparameter probe.

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

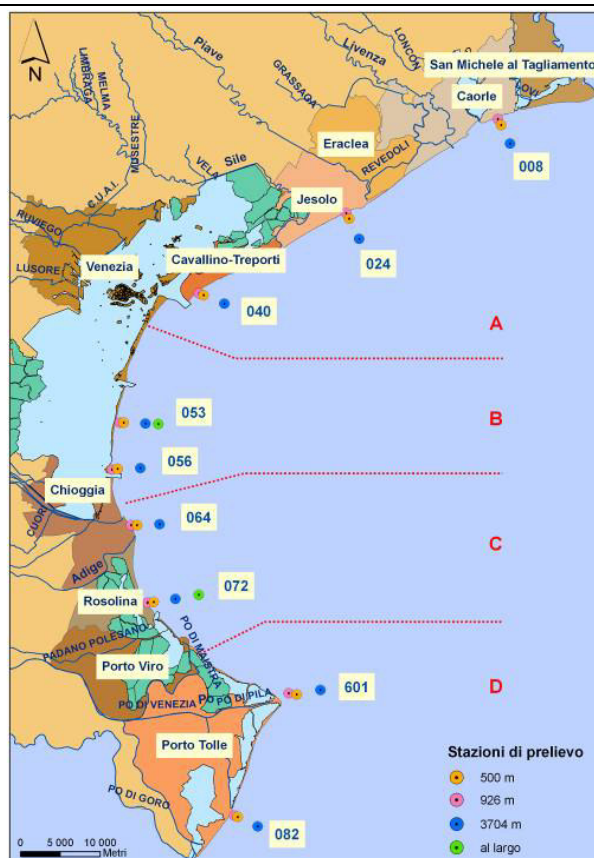
	Area A	Area B	Area C	Area D
Temperature (°C)	22.84	22.70	22.79	23.11
O ₂ (%)	101.08	98.88	105.47	97.49
Salinity (PSU)	35.31	37.69	28.53	37.53
pH	8.31	8.31	8.28	8.24
Turbidity (FTU)	2.00	3.60	4.54	5.41
Chlorophyll "a" (µg/l)	0.36	0.31	0.87	0.50

In September water chemical and physical parameters were consistent with the weather and climate of the period.

The average sea water temperature is 22.9 °C, dissolved oxygen was around the saturation and salinity was lower in C as a result of the contributions of the river Adige and Bacchiglione-Brenta.

The transparency measured by the Disc Secchi, was generally over low due to the mixing of the water column caused by the high wave motion in the days of monitoring.

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

During the whole year camera underwater surveys are performed in all the stations of the monitoring network of coastal seawater in order to verify the presence or absence of anomalies along the water column and on the bottom. With the camera it is possible to highlight the presence or absence of mucilage even before it is detected on the surface. Associating the camera with data detected by the multiparameter probe, which measures the main oceanographic parameters, is possible to monitoring for the presence of hypoxia or anoxia phenomena at the sea bottom.



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 **September 29** 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 2015 September 29

			
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		