

COASTAL SEA WATER SITUATION

In July 2017 a monitoring cruise was carried out to implement European Directive 2000/60 / EC.

The monitoring cruise was performed on July 4, 5 and 6 all along the Veneto coast. The table below shows average surface data of the main parameters measured by multiparameter probe.

	Area A	Area B	Area C	Area D
Temperature (°C)	25.32	25.91	25.53	25.45
Salinity (PSU)	30.85	32.75	29.11	21.71
O ₂ (%)	91.04	101.51	106.39	104.00
pH	8.13	8.18	8.22	8.19
Turbidity (FTU)	3.04	7.46	7.95	7.15
Chlorophyll "a" (µg/l)	2.00	2.16	3.27	3.41

The water chemical-physical parameters are in the standard except salinity in delta Po area.

Underwater camera observations did not reveal the presence of mucilaginous aggregates. Only off the mouth of Po Pila river have been detected microfiles along the water column.

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



Curiosity

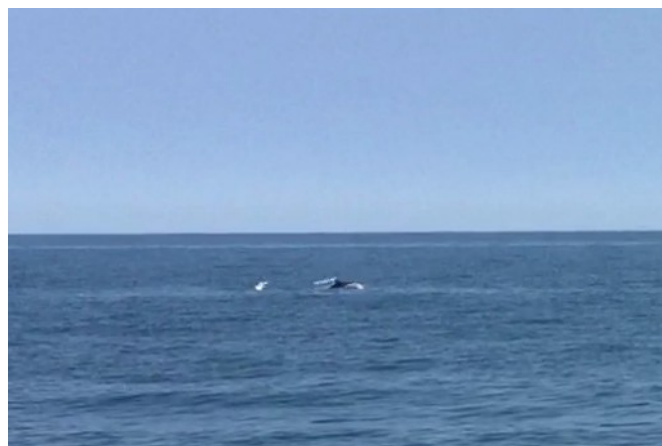
During this monitoring campaign, a group of about ten dolphins (*Tursiops truncatus*) were spotted at one nautical mile off Po Pila river, probably attracted by increased food availability during this period.

The tursiope dolphin, known for its great intelligence and affection, is a mammal that live in all temperate and tropical waters, especially along the coasts.

It has a tapered and robust body and for this particularly hydrodynamic configuration can reach a speed of 30 km/h.

It has an elongated shape snout with dorsal nose and on the head there is the vent through which the dolphin expels the air breathed. Usually the body is gray-blue, lighter in the ventral part, with color variations depending on the geographic area.

In the last years, in the North Adriatic are more frequent meetings with these nice mammals.



(source: ARPAV)

Coastal Bathing Water Situation

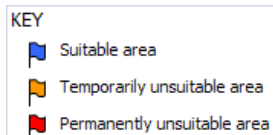
For the year 2017, in the regional monitoring network for the quality of coastal bathing water, there are 95 control points in the Adriatic Sea and 1 on the stretch of water near Albarella.




Each month from May to September, the following activities are carried out at every checkpoint: measurement of environmental parameters, visual inspections and water sampling for bacteriological analysis. Inspections 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 **August 11** is shown in the adjacent table.

Algae Surveillance: no potentially toxic algal blooms were detected.

For further information, please visit the website at:

<http://www.arpa.veneto.it/temi-ambientali/acqua/datiacqua/balneazione.php>



Situation 2017, August 11			
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	-	-