

Organization of observation network of surface water pollution in the estuaries of the rivers inflowing the Caspian sea

Observation area	The Volga Delta
Number of observation sites	9
Starting year of observations	1972*
Observation types	Presented in Annex 1
Observation periodicity	At least 6 times a year, monthly at most observation sites
Type of ownership for observation data	State federal
Organization owning observation data	Federal Service for hydrometeorology and environment monitoring
Organization, conducting observations and temporary storage of information hard copies	Astrakhan Center for hydrometeorology and environment monitoring
Organization, supervising the observations	North – Caucasian Department for hydrometeorology and environment monitoring Institute of hydrochemistry
Organization, running digital database	All-Russian research institute of hydrometeorological information
Form of data provision for common use	Annual data on the quality of surface water by hydrochemical parameters
Organizations, preparing data for common use	Institute of hydrochemistry

Footnote: * year of establishing of the state service for environment observation and pollution control

Observation area	The Terek delta
Number of observation sites	2
Starting year of observations	1972*
Observation types	Presented in Annex 1
Observation periodicity	6 times a year
Type of ownership for observation data	State federal
Organization owning observation data	Federal Service for hydrometeorology and environment monitoring
Organization, conducting observations and temporary storage of information hard copies	Dagestan Center for hydrometeorology and environment monitoring
Organization, supervising the observations	North – Caucasian Department for hydrometeorology and environment monitoring Institute of hydrochemistry
Organization, running digital database	All-Russian research institute of hydrometeorological information
Form of data provision for common use	Annual data on the quality of surface water by hydrochemical parameters
Organizations, preparing data for common use	Institute of hydrochemistry

Footnote: * year of establishing of the state service for environment observation and pollution control

Observation area	The Sulak delta
Number of observation sites	1
Starting year of observations	1972*
Observation types	Presented in Annex 1
Observation periodicity	6 times a year
Type of ownership for observation data	State federal
Organization owning observation data	Federal Service for hydrometeorology and environment monitoring
Organization, conducting observations and temporary storage of information hard copies	Dagestan Center for hydrometeorology and environment monitoring
Organization, supervising the observations	North – Caucasian Department for hydrometeorology and environment monitoring Institute of hydrochemistry
Organization, running digital database	All-Russian research institute of hydrometeorological information
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The list of hydrochemical parameters and water pollution indicators measured within the observation network of surface water pollution, located in the deltas of the rivers, inflowing the Caspian Sea.

Nonspecific hydrochemical parameters	Mineral composition	Biogenic elements	Pollutant substances
Smell	Na+K	NH ₄ ⁺	Fe total
Colour	Ca	NO ₃ ⁻	Cu
transparency	Mg	NO ₂ ⁻	Zn
temperature	Hydrocarbonates	P mineral	Ni
Suspended substance	Clorides	Si	Cr total
pH	Sulphates		Pb
O	Mineralization		Mo
COD (Chemical oxygen demand)	Hardness		Co
BOD ₅	Electrical conductivity		Sn
Carbon dioxide			Cd
H ₂ S			Mn
			Hg
			Phenols
			Oil
			Synthetic surfactants
			DDT
			DDE
			α-HCH
			γ-HCH