

**General information on the organization of state marine and estuarine hydrometeorology network at the Russian coast of the Caspian Sea and adjacent sea water area**

<b>Observation station</b>	<b>Makhachkala</b>
Observation station type	Marine hydrological post
Coordinates of observation station	43°00' 47°30'
Observations started in	1900
Observation types	Water-gauge level, water temperature, salinity, precipitations, waves, wind, air temperature, ice
Observation time	06, 15, 21
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
Form of data provision for common use	Annual data on the regime and quality of marine and coastal estuarine water
Organizations, preparing data for common use	Caspian marine scientific research center; State Oceanographic Institute

<b>Observation station</b>	<b>Derbent</b>
Observation station type	Hydrometeorological station
Coordinates of observation station	42°04' 48°18'
Observations started in	1921
Observation types	water temperature, salinity, precipitations, waves, wind, air temperature, ice
Observation time	06, 15, 21
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
Form of data provision for common use	Annual data on the regime and quality of marine and coastal estuarine water
Organizations, preparing data for common use	Caspian marine scientific research center; State Oceanographic Institute

<b>Observation station</b>	<b>Izberg</b>
Observation station type	Hydrometeorological station
Coordinates of observation station	42°33' 47°53'
Observations started in	1948
Observation types	water temperature, salinity, precipitations, waves, wind, air temperature, ice
Observation time	00, 06, 15, 21
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Tyuleniy</b>
Observation station type	Hydrometeorological station
Coordinates of observation station	44°28' 47°29'
Observations started in	1937
Observation types	Water-gauge level, water temperature, salinity, precipitations, waves, wind, air temperature, ice
Observation time	00, 06, 15, 21
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Lagan</b>
Observation station type	Marine hydrological post
Coordinates of observation station	45°23' 47°22'
Observations started in	1984
Observation types	Water-gauge level, water temperature, wind, air temperature, ice
Observation time	09, 21
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	Kalmykian Center for hydrometeorology and environment monitoring
Organization, supervising the observations	North – Caucasian Department for hydrometeorology and environment monitoring
Organization, running digital database	All-Russian research institute of hydrometeorological information
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Organizations, preparing data for common use	Caspian marine scientific research center; State Oceanographic Institute

<b>Observation station</b>	<b>Vyshka</b>
Observation station type	Marine hydrological post
Coordinates of observation station	45°36' 47°40'
Observations started in	1996
Observation types	Water-gauge level
Observation time	09, 15, 21
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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Organizations, preparing data for common use	Caspian marine scientific research center; State Oceanographic Institute

<b>Observation station</b>	<b>Iskusstvenny</b>
Observation station type	Marine hydrological post
Coordinates of observation station	45°24' 47°47'
Observations started in	1929
Observation types	Water-gauge level, water temperature
Observation time	09, 21
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Tishkovo</b>
Observation station type	Marine hydrological post
Coordinates of observation station	45°51' 48°34'
Observations started in	2000
Observation types	Water-gauge level, water temperature, wind, air temperature
Observation time	09, 21
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Verkhneye Lebyazhye</b>
Observation station type	Hydrological post
Coordinates of observation station	46°45' 47°48'
Observations started in	29.03.1931
Observation types	Water-gauge level, water temperature, water runoff, sediment discharge, water turbidity, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Astrakhan</b>
Observation station type	Hydrological post
Coordinates of observation station	46°21' 48°02'
Observations started in	15.11.1876
Observation types	Water-gauge level, water temperature, water turbidity, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Olya</b>
Observation station type	Hydrological post
Coordinates of observation station	45°47' 47°32'
Observations started in	27.04.1940
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Krasniy Yar</b>
Observation station type	Hydrological post
Coordinates of observation station	46°32' 48°21'
Observations started in	28.04.1932
Observation types	Water-gauge level, water temperature, water turbidity, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Volodarsky</b>
Observation station type	Hydrological post
Coordinates of observation station	46°24' 48°33'
Observations started in	01.01.1979
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Bolshoy Mogoy</b>
Observation station type	Hydrological post
Coordinates of observation station	46°18' 48°41'
Observations started in	21.05.1940
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Narimanov</b>
Observation station type	Hydrological post
Coordinates of observation station	46°30' 47°53'
Observations started in	07.12.1995
Observation types	Water-gauge level, water temperature, water turbidity, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Obzhorovo – Cordon 1</b>
Observation station type	Hydrological post
Coordinates of observation station	46°18' 48°59'
Observations started in	01.11.1995
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Zelenga</b>
Observation station type	Hydrological post
Coordinates of observation station	46°11' 48°37'
Observations started in	08.1930
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Kilinchi</b>
Observation station type	Hydrological post
Coordinates of observation station	46°17' 48°15'
Observations started in	26.09.1954
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Kamyzyak</b>
Observation station type	Hydrological post
Coordinates of observation station	46°07' 48°04'
Observations started in	01.01.1930
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
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<b>Observation station</b>	<b>Karalat</b>
Observation station type	Hydrological post
Coordinates of observation station	45°55' 487°19'
Observations started in	15.04.1960
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Karaulnoye</b>
Observation station type	Hydrological post
Coordinates of observation station	45°51' 48°07'
Observations started in	09.08.1932
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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Organizations, preparing data for common use	Caspian marine scientific research center; State Oceanographic Institute

<b>Observation station</b>	<b>Samosdelka</b>
Observation station type	Hydrological post
Coordinates of observation station	46°00' 47°52'
Observations started in	01.12.1995
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
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<b>Observation station</b>	<b>Ikryanoe</b>
Observation station type	Hydrological post
Coordinates of observation station	46°08' 47°43'
Observations started in	14.01.1932
Observation types	Water-gauge level, water temperature, ice
Observation time	08, 20
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
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<b>Observation station</b>	<b>Buzan - Istok</b>
Observation station type	Hydrologic section
Coordinates of observation station	
Observations started in	1940
Observation types	Water discharge, sediment discharge
Observation time	
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
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<b>Observation station</b>	<b>Akhtuba, h/s#1 Verkhneye Lebyazhye</b>
Observation station type	Hydrologic section
Coordinates of observation station	
Observations started in	1942
Observation types	Water discharge, sediment discharge
Observation time	
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
Organization, running digital database	All-Russian research institute of hydrometeorological information
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<b>Observation station</b>	<b>Volga – Akhtuba floodplain</b>
Observation station type	Hydrologic section
Coordinates of observation station	
Observations started in	1942
Observation types	Water discharge
Observation time	
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
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<b>Observation station</b>	<b>Kargalinsky</b>
Observation station type	Hydrometeorological station
Coordinates of observation station	43°47' 46°33'
Observations started in	05.10.1960
Observation types	Water-gauge level, water temperature, flow rate, water discharge, sediment discharge, water turbidity, air temperature, ice
Observation time	08, 20
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
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<b>Observation station</b>	<b>Alikazgan</b>
Observation station type	Hydrological post
Coordinates of observation station	43°38' 47°23'
Observations started in	23.06.1960
Observation types	Water-gauge level, water temperature, flow rate, water discharge, sediment discharge, water turbidity, air temperature, ice
Observation time	08, 20
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
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<b>Observation station</b>	<b>Damba</b>
Observation station type	Hydrological post
Coordinates of observation station	43°25' 47°30'
Observations started in	04.03.1974
Observation types	Water-gauge level, water temperature, flow rate, water discharge, sediment discharge, water turbidity, wind, air temperature, ice
Observation time	08, 20
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
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<b>Observation station</b>	<b>PGT Sulak</b>
Observation station type	Hydrological post
Coordinates of observation station	43°16' 47°31'
Observations started in	07.03.1925
Observation types	Water-gauge level, water temperature, flow rate, water discharge, sediment discharge, water turbidity, air temperature, ice
Observation time	08, 20
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
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