**Catalogue of the salinity water Caspian Sea**

**Monthly data**

**Database description**

***Azerbaijani coast***

Observation station: Oil Rocks

Observations launched in: 1950

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | НКАМНИ\_ ср\_С | NKAMNI\_av\_‰ | 2020 (9-12), 2021 |
| Maximum | НКАМНИ \_макс\_С | NKAMNI \_max\_‰ | 1964 (01), 1979 (07, 08), 1992 (12), 1993 (01-03), 2019, 2020, 2021 |
| Minimum | НКАМНИ \_мин\_С | NKAMNI \_min\_‰ | 2019, 2020, 2021 |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

***Kazakhstan coast***

Observation station: Aktau

Observations launched in: 10.06.1960

Observation period: 2004-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | АКТАУ\_ср\_С | AKTAU\_av\_‰ | 2004 (01, 02, 05), 2005 (02, 04), 2006 (01, 02) |
| Maximum | АКТАУ\_ макс\_С | AKTAU\_ max\_‰ | 2004 (01, 02, 05), 2005 (02), 2006 (01, 02) |
| Minimum | АКТАУ\_ мин\_С | AKTAU\_ min\_‰ | 2004 (01, 02, 05), 2005 (02), 2006 (01, 02) |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

Observation station: Kulaly

Observations launched in: 01.07.1959

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | КУЛ\_ср\_С | KUL\_av\_‰ | 1961 (12), 1962 (01, 04), 1969 (01, 02), 1971 (04), 1972 (10), 1973 (03, 04, 11), 1975 (09), 1977, 1982, 1986-2011 |
| Maximum | КУЛ\_макс\_С | KUL\_max\_‰ | 1961 (12), 1962 (01, 04), 1969 (01, 02), 1971 (04), 1972 (10), 1973 (03, 04, 11), 1975 (09), 1976-2011 |
| Minimum | КУЛ\_мин\_С | KUL\_min\_‰ | 1961 (12), 1962 (01, 04), 1969 (01, 02), 1971 (04), 1972 (10), 1973 (03, 04, 11), 1975 (09), 1976-2011 |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

Observation station: Peshnoy

Observations launched in: 01.12.1939

Observation period: 2009-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ПЕШ\_ср\_С | PESH\_av\_‰ | 2009 (01-06) |
| Maximum | ПЕШ\_макс\_С | PESH\_max\_‰ | 2009 (01-06) |
| Minimum | ПЕШ\_мин\_С | PESH\_min\_‰ | 2009 (01-06) |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

Observation station: Fort Shevchenko

Observations launched in: 01.01.1960

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ФОРТ\_ср\_С | FORT\_av\_‰ | 1962 (04), 1963 (03), 1965 (08), 1966 (06, 12), 1970 (09, 10), 1971 (06), 1972 (10-12), 1973 (01-04, 11), 1975 (09, 12), 1977, 1978 (03), 1981 (08-12), 1982, 1986-2000, 2001 (05-12), 2002-2004 |
| Maximum | ФОРТ\_макс\_С | FORT \_max\_‰ | 1962 (04), 1963 (03), 1965 (08), 1966 (06, 12), 1970 (09, 10), 1971 (06), 1972 (10-12), 1973 (01-04, 11), 1975 (09, 12), 1976-2004 |
| Minimum | ФОРТ\_мин\_С | FORT \_min\_‰ | 1962 (04), 1963 (03), 1965 (08), 1966 (06, 12), 1970 (09, 10), 1971 (06), 1972 (10-12), 1973 (01-04, 11), 1975 (09, 12), 1976-2004 |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

***Russian coast***

Observation station: Izberg

Observations launched in: 1948

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ИЗБ\_ср\_С | ISB\_av\_‰ | 1964, 1965, 1967 (09), 1981 (09-12), 1982 (01), 1988, 1989 |
| Maximum | ИЗБ\_макс\_С | ISB\_max\_‰ | 1964, 1965, 1967 (09), 1981 (09-12), 1982 (01), 1988, 1989 |
| Minimum | ИЗБ\_мин\_С | ISB\_min\_‰ | 1964, 1965, 1967 (09), 1981 (09-12), 1982 (01), 1988, 1989 |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

Observation station: Makhachkala

Observations launched in: 1900

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | МАХ\_ср\_С | MAKH\_av\_‰ | 1961 (05, 07-09),1964, 1965, 1966 (05), 2001 (10-12) |
| Maximum | МАХ\_макс\_С | MAKH\_ max\_‰ | 1961 (05, 07-09),1964, 1965, 1966 (05), 2001 (10-12) |
| Minimum | МАХ\_мин\_С | MAKH\_ min\_‰ | 1961 (05, 07-09),1964, 1965, 1966 (05), 2001 (10-12) |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

Observation station: Tyuleniy isl.

Observations launched in: 1937

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ТЮЛ\_ср\_С | TUL\_av\_‰ | 1961 (03-05), 1963 (12), 1964, 1965, 1967 (05), 1968 (06), 1971 (04, 06, 12), 1972 (03, 06), 1975 (12), 1976, 1988-1990, 1994 (05-12), 1995 (01-08), 1996 (07-12), 1997, 1998, 2001 (07-12), 2016 (10-12), 2017 (06) |
| Maximum | ТЮЛ\_макс\_С | TUL\_max\_‰ | 1961 (03-05), 1963 (12), 1964, 1965, 1967 (05), 1972 (06), 1975 (12), 1976, 1988-1990, 1994 (05-12), 1995 (01-08), 1996 (07-12), 1997, 1998, 2001 (07-12), 2016 (10-12), 2017 (06) |
| Minimum | ТЮЛ\_мин\_С | TUL\_min\_‰ | 1961 (03-05), 1963 (12), 1964, 1965, 1967 (05), 1969 (12), 1971 (04, 06, 08, 12), 1972 (03, 05, 06), 1975 (12), 1976, 1988-1990, 1994 (05-12), 1995 (01-08), 1996 (07-12), 1997, 1998, 2001 (07-12), 2016 (10-12), 2017 (06) |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

Observation station: Derbent

Observations launched in: 1921

Observation period: 1977-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ДЕРБ\_ср\_С | DERB\_av\_‰ | 1988, 1989, 1990 (03), 1991 (04-12), 1992 (01-04, 10-12), 1993 (01-03), 1995 (04-08), 1996 (06-09, 11, 12), 1997 (01, 02), 2000 (05-12), 2001-2004, 2005 (01-04) |
| Maximum | ДЕРБ\_макс\_С | DERB max\_‰ | 1988, 1989, 1990 (03), 1991 (04-12), 1992 (01-04, 10-12), 1993 (01-03), 1995 (04-08), 1996 (06-09, 11, 12), 1997 (01, 02), 2000 (05-12), 2001-2004, 2005 (01-04) |
| Minimum | ДЕРБ\_мин\_С | DERB \_min\_‰ | 1988, 1989, 1990 (03), 1991 (04-12), 1992 (01-04, 10-12), 1993 (01-03), 1995 (04-08), 1996 (06-09, 11, 12), 1997 (01, 02), 2000 (05-12), 2001-2004, 2005 (01-04) |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

***Turkmen coast***

Observation station: Kara-Bogaz-Gol

Observations launched in: 1921

Observation period: 1994-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | КБГ\_ср\_С | KBG\_av\_‰ | 1994 (01), 1997 (07, 08, 10-12), 1998 (01-05), 1999 (07-10), 2001 (06, 12), 2008 (09) |
| Maximum | КБГ\_макс\_С | KBG\_max\_‰ | 1994-1999, 2001 (06) |
| Minimum | КБГ\_мин\_С | KBG\_min\_‰ | 1994-1999, 2001 (06) |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

Observation station: Krasnovodsk

Observations launched in: 1915

Observation period: 1994-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | КРАСН\_ср\_С | KRASN\_av\_‰ | 2003 (03, 04), 2007 (06-08), 2014 (04-07), 2020 (06) |
| Maximum | КРАСН\_ макс\_С | KRASN\_ max\_‰ | 1994-1997, 1999, 2007 (06, 07), 2014 (04-07) |
| Minimum | КРАСН\_мин\_С | KRASN\_ min\_‰ | 1994-1997, 1999, 2007 (06, 07), 2014 (04-07) |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.

Observation station: Kuuli-mayak

Observations launched in: 1900

Observation period: 1994-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | КУУЛИ\_ср\_С | KUULI\_av\_‰ | 2007 (02-05), 2011 (06-07) |
| Maximum | КУУЛИ\_ макс\_С | KUULI\_ max\_‰ | 1994-1997, 1999, 2007 (02-05), 2011 (07) |
| Minimum | КУУЛИ\_ мин\_С | KUULI\_ min\_‰ | 1994-1997, 1999, 2007 (02-05), 2011 (07) |

Note:\* If there are no data for the whole year, the year is indicated; if there are no data for certain months, gap months are indicated in brackets after the relevant year.