**Catalogue of the Caspian Sea water temperature**

**Monthly data**

**Database description**

***Azerbaijani coast***

Observation station: Baku

Observations launched in: 1900

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | БАКУ\_ср\_Т | BAKU\_av\_Т | 1961 (01), 2002 (02, 03), 2011 (07-12), 2012 (01, 02), 2013-2018, 2020 (9-12), 2021, 2023 (8) |
| Maximum | БАКУ\_макс\_Т | BAKU max\_Т | 1961 (01), 1966, 1991 (05, 06, 11), 1995 (06-08), 2002 (02, 03), 2011 (07-12), 2012 (01, 02), 2013-2021, 2023 (8) |
| Minimum | БАКУ\_мин\_Т | BAKU \_min\_Т | 1961 (01), 1966, 1968 (12), 1991 (05, 06, 11), 1995 (06-08), 2002 (02, 03), 2011 (07-12), 2012 (01, 02), 2013-2021, 2023 (8) |

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: Zhiloy

Observations launched in: 1924

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ЖИЛОЙ\_ср\_Т | JILOY\_av\_Т | 1961 (01-05), 1966 (02, 03), 2001 (05, 06), 2013-2018, 2020, 2021 |
| Maximum | ЖИЛОЙ\_ макс\_Т | JILOY max\_Т | 1961 (01-05), 1966 (02, 03), 2001 (05, 06), 2013-2021 |
| Minimum | ЖИЛОЙ \_мин\_Т | JILOY \_min\_Т | 1961 (01-05), 1966 (02, 03), 2001 (05, 06), 2013-2021 |

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.

Observation station: Lenkoran

Observations launched in: 1904

Observation period: 1978-2022

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ЛЕН\_ср\_Т | LEN\_av\_Т | 1978 (01), 1997 (04), 1998 (09), 2013-2021, 2022 (9, 10) |
| Maximum | ЛЕН\_макс\_Т | LEN\_max\_Т | 1978 (01), 1997 (04), 1998 (09), 2013-2021, 2022 (9, 10) |
| Minimum | ЛЕН\_мин\_Т | LEN\_min\_Т | 1978 (01), 1997 (04), 1998 (09), 2013-2021, 2022 (9, 10) |

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: Oil Rocks

Observations launched in: 1950

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | НКАМНИ\_ ср\_Т | NKAMNI\_av\_Т | 2013-2018, 2020 (9-12), 2020 (9-12), 2021 |
| Maximum | НКАМНИ \_макс\_Т | NKAMNI \_max\_Т | 2013-2021 |
| Minimum | НКАМНИ \_мин\_Т | NKAMNI \_min\_Т | 2013-2021 |

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.

Observation station: Sumqayit

Observations launched in: 1948

Observation period: 1961-2022

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | СУМГ\_ср\_Т | SUMG\_av\_Т | 1966, 1997 (03-07, 11), 2001 (06), 2003 (06), 2013-2021 |
| Maximum | СУМГ\_макс\_Т | SUMG max\_Т | 1966, 1997 (03-07), 2001 (06), 2013-2021 |
| Minimum | СУМГ\_мин\_Т | SUMG\_min\_Т | 1966, 1997 (03-07), 2001 (06), 2013-2021 |

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: 1960

Observation period: 1977-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | АКТАУ\_ср\_Т | AKTAU\_av\_Т |  |
| Maximum | АКТАУ\_ макс\_Т | AKTAU\_ max\_Т |  |
| Minimum | АКТАУ\_ мин\_Т | AKTAU\_ min\_Т |  |

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: 1936

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | КУЛ\_ср\_Т | KUL\_av\_Т | 1967 (12), 1969 (02), 1989 (11), 1992 (08-12), 1993, 1994, 1995 (01-04, 08, 09, 11, 12), 1996, 1997 |
| Maximum | КУЛ\_макс\_Т | KUL\_max\_Т | 1967 (12), 1969 (02), 1989 (11), 1992 (08-12), 1993, 1994, 1995 (01-04, 08, 09, 11, 12), 1996, 1997, 1998 (01, 02, 04), 2000 (03, 06, 11) |
| Minimum | КУЛ\_мин\_Т | KUL\_min\_Т | 1967 (12), 1969 (02), 1989 (11), 1992 (08-12), 1993, 1994, 1995 (01-04, 08, 09, 11, 12), 1996, 1997, 1998 (01, 02, 04), 2000 (03, 06, 11) |

Примечание:\* При отсутствии данных в целом за год указывается год; при отсутствии данных за какие-либо месяцы указывается год и вслед за ним в скобках отсутствующие месяцы

Observation station: Peshnoy

Observations launched in: 1939

Observation period: 1972-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ПЕШ\_ср\_Т | PESH\_av\_Т | 1975 (02, 03) |
| Maximum | ПЕШ\_макс\_Т | PESH\_max\_Т | 1975 (02,03), 1987 (02) |
| Minimum | ПЕШ\_мин\_Т | PESH\_min\_Т | 1975 (02, 03), 1987 (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: Fort Shevchenko

Observations launched in: 1921

Observation period: 1961-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ФОРТ\_ср\_Т | FORT\_av\_Т | 1965 (08), 1966-1975, 1988-1992 |
| Maximum | ФОРТ\_макс\_Т | FORT \_max\_Т | 1961-1975, 1988-1992 |
| Minimum | ФОРТ\_мин\_Т | FORT \_min\_Т | 1961-1975, 1988-1992 |

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\_Т | ISB\_av\_Т | 1967 (09), 1969 (02-08), 1989 |
| Maximum | ИЗБ\_макс\_Т | ISB\_max\_Т | 1967 (09), 1969 (02-08), 1988-1989 |
| Minimum | ИЗБ\_мин\_Т | ISB\_min\_Т | 1967 (09), 1969 (02-08), 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\_Т | MAKH\_av\_Т |  |
| Maximum | МАХ\_макс\_Т | MAKH\_ max\_Т |  |
| Minimum | МАХ\_мин\_Т | MAKH\_ min\_Т |  |

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\_Т | TUL\_av\_Т | 1964 (2), 1975 (12) |
| Maximum | ТЮЛ\_макс\_Т | TUL\_max\_Т | 1964 (2), 1975 (12), 1976, 1988-1990 |
| Minimum | ТЮЛ\_мин\_Т | TUL\_min\_Т | 1964 (2), 1975 (12), 1976, 1988-1990 |

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\_Т | DERB\_av\_Т | 1989 |
| Maximum | ДЕРБ\_макс\_Т | DERB max\_Т | 1988, 1989, 1990 (03) |
| Minimum | ДЕРБ\_мин\_Т | DERB \_min\_Т | 1988, 1989, 1990 (03) |

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: Kaspiisky (Lagan)

Observations launched in: 1972

Observation period: 1972-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ЛАГ\_ср\_Т | LAG\_av\_Т | 1972 (01-05), 1974 (02), 1989 (02), 1991-1993, 1994 (01-05), 1995 (05, 11, 12), 1996, 1997, 2007 (09), 2010 (02) |
| Maximum | ЛАГ\_макс\_Т | LAG\_max\_Т | 1972 (01-05), 1974 (02), 1989 (02), 1991-1993, 1994 (01-05), 1995 (05, 11, 12), 1996, 1997, 2007 (09), 2010 (02) |
| Minimum | ЛАГ\_мин\_Т | LAG\_min\_Т | 1972 (01-05), 1974 (02), 1989 (02), 1991-1993, 1994 (01-05), 1995 (05, 11, 12), 1996, 1997, 2007 (09), 2010 (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.

***Turkmen coast***

Observation station: Bekdash

Observations launched in: 1930

Observation period: 1976-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | БЕК\_ср\_Т | BEK\_av\_Т | 1988-1993, 1996 (01, 02, 06), 1999 |
| Maximum | БЕК\_макс\_Т | BEK\_max\_Т | 1988-1993, 1996 (01, 02, 06), 1999 |
| Minimum | БЕК\_мин\_Т | BEK\_min\_Т | 1988-1993, 1996 (01, 02, 06), 1999 |

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: Kara-Bogaz-Gol

Observations launched in: 1921

Observation period: 1976-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | КБГ\_ср\_Т | KBG\_av\_Т | 1984(02), 1988-1993, 1997(12), 1998(01-05), 1999, 2008 (09) |
| Maximum | КБГ\_макс\_Т | KBG\_max\_Т | 1984(02), 1988-1993, 1997(12), 1998(01-05), 1999 |
| Minimum | КБГ\_мин\_Т | KBG\_min\_Т | 1984(02), 1988-1993, 1997(12), 1998(01-05), 1999 |

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: 1976-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | КРАСН\_ср\_Т | KRASN\_av\_Т | 1988-1993, 1999, 2020 (06) |
| Maximum | КРАСН\_ макс\_Т | KRASN\_ max\_Т | 1988-1993, 1999 |
| Minimum | КРАСН\_мин\_Т | KRASN\_ min\_Т | 1988-1993, 1999 |

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: 1976-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | КУУЛИ\_ср\_Т | KUULI\_av\_Т | 1988-1993, 1999, 2007 (02-05) |
| Maximum | КУУЛИ\_ макс\_Т | KUULI\_ max\_Т | 1988-1993, 1999, 2007 (02-05) |
| Minimum | КУУЛИ\_ мин\_Т | KUULI\_ min\_Т | 1988-1993, 1999, 2007 (02-05) |

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: Ogurchinsky

Observations launched in: 1938

Observation period: 1976-2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ОГУР\_ср\_Т | OGUR\_av\_Т | 1988-1993, 1995 (09-12), 1996 (01-03), 1997 (02), 1999, 2007 (06) |
| Maximum | ОГУР\_макс\_Т | OGUR\_max\_Т | 1988-1993, 1995 (09-12), 1996 (01-03), 1997 (02), 1999, 2007 (06), 2010 (02) |
| Minimum | ОГУР\_мин\_Т | OGUR\_min\_Т | 1988-1993, 1995 (09-12), 1996 (01-03), 1997 (02), 1999, 2007 (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: Cheleken

Observations launched in: 1912

Observation period: 2023

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ЧЕЛЕКЕН \_ср\_Т | CHELEKEN \_av\_Т |  |
| Maximum | ЧЕЛЕКЕН \_макс\_Т | CHELEKEN \_max\_Т |  |
| Minimum | ЧЕЛЕКЕН \_мин\_Т | CHELEKEN \_min\_Т |  |

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.

***Iranian coast***

Observation station: Anzali

Observations launched in: 1941

Observation period: 2005-2015

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | ЭНЗ \_ ср\_Т | ANZALI \_ av \_Т | 2005-2011, 2012 (09-12), 2013 (01-06), 2015 (04) |
| Maximum | ЭНЗ\_макс\_Т | ANZALI\_max\_T | 2005 (01), 2012 (09-12), 2013 (01-06), 2015 (4) |
| Minimum | ЭНЗ\_мин\_Т | ANZALI\_min\_T | 2005 (01), 2012 (09-12), 2013 (01-06), 2015 (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.

Observation station: Amirabad

Observations launched in:

Observation period: 2016-2018

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | АМИРАБАД \_ ср\_Т | AMIRABAD \_ av \_Т | 2016 (01-06), 2018 (07-12) |
| Maximum | АМИРАБАД \_ макс\_Т | AMIRABAD \_ max\_Т | 2016 (01-06), 2018 (07-12) |
| Minimum | АМИРАБАД \_ мин\_Т | AMIRABAD \_ min\_Т | 2016 (01-06), 2018 (07-12) |

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: Noushahr

Observations launched in:

Observation period: 2016-2017

|  |  |  |  |
| --- | --- | --- | --- |
| Data description | File name | | Data gaps\* |
| RUS | ENG |
| Average | НОУШ \_ ср\_Т | NOUSHAHR \_ av \_Т | 2017 (01, 02, 08-12) |
| Maximum | НОУШ \_ макс\_Т | NOUSHAHR \_ max\_Т | 2016, 2017 |
| Minimum | НОУШ \_ мин\_Т | NOUSHAHR \_ min\_Т | 2017 (01, 02, 08-12) |

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.