

GEN 2.7 SUNRISE/SUNSET

1 UNIFORM DAYLIGHT PERIOD

The uniform daylight period is based on sunrise and sunset time at 52°00'N 005°00'E (namely from 15 minutes before sunrise until 15 minutes after sunset).

The times are given in UTC (see also GEN 2.1 paragraph 2). To obtain the local time, add 1 hour during the wintertime period and 2 hours during the summertime period to the times mentioned below. The transition from wintertime period to summertime period and v.v. is marked in bold.

UNIFORM DAYLIGHT PERIODS 2023														
Day	DEC (2022)		JAN		FEB		MAR		APR		MAY		JUN	
	period		period		period		period		period		period		period	
	from	to	from	to	from	to	from	to	from	to	from	to	from	to
1	0710	1547	0733	1554	0705	1642	0612	1734	0501	1828	0356	1919	0311	2005
2	0712	1547	0733	1555	0704	1644	0609	1736	0458	1830	0354	1921	0310	2006
3	0713	1546	0733	1556	0702	1646	0607	1738	0456	1832	0352	1923	0310	2007
4	0715	1545	0733	1557	0701	1648	0605	1739	0454	1833	0350	1924	0309	2008
5	0716	1545	0732	1559	0659	1650	0603	1741	0452	1835	0349	1926	0308	2009
6	0717	1545	0732	1600	0657	1652	0600	1743	0449	1837	0347	1928	0308	2010
7	0718	1544	0732	1601	0655	1653	0558	1745	0447	1838	0345	1929	0307	2011
8	0720	1544	0731	1602	0654	1655	0556	1747	0445	1840	0343	1931	0307	2012
9	0721	1544	0731	1604	0652	1657	0554	1748	0443	1842	0341	1932	0306	2013
10	0722	1544	0730	1605	0650	1659	0551	1750	0440	1844	0340	1934	0306	2013
11	0723	1543	0729	1607	0648	1701	0549	1752	0438	1845	0338	1936	0305	2014
12	0724	1543	0729	1608	0646	1703	0547	1754	0436	1847	0336	1937	0305	2015
13	0725	1543	0728	1610	0644	1705	0545	1755	0434	1849	0335	1939	0305	2015
14	0726	1543	0727	1611	0643	1706	0542	1757	0431	1850	0333	1940	0305	2016
15	0727	1543	0726	1613	0641	1708	0540	1759	0429	1852	0332	1942	0305	2017
16	0727	1544	0725	1614	0639	1710	0538	1801	0427	1854	0330	1944	0304	2017
17	0728	1544	0725	1616	0637	1712	0535	1802	0425	1856	0329	1945	0304	2018
18	0729	1544	0724	1617	0635	1714	0533	1804	0423	1857	0327	1947	0304	2018
19	0730	1544	0723	1619	0633	1716	0531	1806	0421	1859	0326	1948	0304	2018
20	0730	1545	0721	1621	0631	1718	0529	1808	0418	1901	0325	1949	0305	2019
21	0731	1545	0720	1623	0629	1719	0526	1809	0416	1902	0323	1951	0305	2019
22	0731	1546	0719	1624	0627	1721	0524	1811	0414	1904	0322	1952	0305	2019
23	0732	1546	0718	1626	0624	1723	0522	1813	0412	1906	0321	1954	0305	2019
24	0732	1547	0717	1628	0622	1725	0519	1814	0410	1908	0319	1955	0306	2019
25	0732	1548	0715	1630	0620	1727	0517	1816	0408	1909	0318	1956	0306	2019
26	0733	1548	0714	1631	0618	1729	0515	1818	0406	1911	0317	1958	0306	2019
27	0733	1549	0713	1633	0616	1730	0512	1820	0404	1913	0316	1959	0307	2019
28	0733	1550	0711	1635	0614	1732	0510	1821	0402	1914	0315	2000	0307	2019
29	0733	1551	0710	1637			0508	1823	0400	1916	0314	2002	0308	2019
30	0733	1552	0708	1639			0505	1825	0358	1918	0313	2003	0309	2018
31	0733	1553	0707	1640			0503	1826		0312	2004			

UNIFORM DAYLIGHT PERIODS 2023												
Day	JUL		AUG		SEP		OCT		NOV		DEC	
	period		period		period		period		period		period	
	from	to	from	to	from	to	from	to	from	to	from	to
1	0309	2018	0346	1945	0436	1843	0525	1733	0619	1627	0710	1547
2	0310	2018	0348	1944	0438	1841	0527	1731	0621	1625	0711	1547
3	0311	2017	0349	1942	0439	1838	0529	1729	0623	1624	0713	1546
4	0311	2017	0351	1940	0441	1836	0530	1726	0625	1622	0714	1546
5	0312	2016	0352	1939	0443	1834	0532	1724	0626	1620	0716	1545
6	0313	2016	0354	1937	0444	1831	0534	1722	0628	1618	0717	1545
7	0314	2015	0356	1935	0446	1829	0535	1719	0630	1617	0718	1544
8	0315	2015	0357	1933	0448	1827	0537	1717	0632	1615	0719	1544
9	0316	2014	0359	1931	0449	1825	0539	1715	0634	1613	0720	1544
10	0317	2013	0400	1929	0451	1822	0540	1713	0635	1612	0722	1544
11	0318	2012	0402	1927	0452	1820	0542	1711	0637	1610	0723	1543
12	0319	2011	0404	1925	0454	1818	0544	1708	0639	1609	0724	1543
13	0320	2011	0405	1923	0456	1815	0546	1706	0641	1607	0725	1543
14	0321	2010	0407	1921	0457	1813	0547	1704	0642	1606	0726	1543
15	0323	2009	0408	1919	0459	1811	0549	1702	0644	1604	0726	1543
16	0324	2008	0410	1917	0501	1808	0551	1700	0646	1603	0727	1544
17	0325	2007	0412	1915	0502	1806	0553	1657	0648	1602	0728	1544
18	0326	2005	0413	1913	0504	1804	0554	1655	0649	1600	0729	1544
19	0328	2004	0415	1911	0505	1801	0556	1653	0651	1559	0729	1544
20	0329	2003	0417	1909	0507	1759	0558	1651	0653	1558	0730	1545
21	0330	2002	0418	1907	0509	1757	0600	1649	0654	1557	0731	1545
22	0332	2000	0420	1905	0510	1754	0601	1647	0656	1555	0731	1546
23	0333	1959	0422	1903	0512	1752	0603	1645	0658	1554	0732	1546
24	0334	1958	0423	1901	0514	1750	0605	1643	0659	1553	0732	1547
25	0336	1956	0425	1858	0515	1747	0607	1641	0701	1552	0732	1548
26	0337	1955	0426	1856	0517	1745	0608	1639	0703	1551	0733	1548
27	0339	1953	0428	1854	0519	1743	0610	1637	0704	1550	0733	1549
28	0340	1952	0430	1852	0520	1740	0612	1635	0706	1550	0733	1550
29	0342	1950	0431	1850	0522	1738	0614	1633	0707	1549	0733	1551
30	0343	1949	0433	1847	0524	1736	0616	1631	0709	1548	0733	1552
31	0345	1947	0435	1845			0617	1629			0733	1553

2 SUNRISE AND SUNSET

Sunrise and sunset times at 52°00'N 005°00'E are depicted in the table below.

The times are given in UTC (see also GEN 2.1 paragraph 2). To obtain the local time, add 1 hour during the wintertime period and 2 hours during the summertime period to the times mentioned below. The transition from wintertime period to summertime period and v.v. is marked in bold.

SUNRISE AND SUNSET 2023														
Day	DEC (2022)		JAN		FEB		MAR		APR		MAY		JUN	
	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS
1	0725	1532	0748	1539	0720	1627	0627	1719	0516	1813	0411	1904	0326	1950
2	0727	1532	0748	1540	0719	1629	0624	1721	0513	1815	0409	1906	0325	1951
3	0728	1531	0748	1541	0717	1631	0622	1723	0511	1817	0407	1908	0325	1952
4	0730	1530	0748	1542	0716	1633	0620	1724	0509	1818	0405	1909	0324	1953
5	0731	1530	0747	1544	0714	1635	0618	1726	0507	1820	0404	1911	0323	1954
6	0732	1530	0747	1545	0712	1637	0615	1728	0504	1822	0402	1913	0323	1955
7	0733	1529	0747	1546	0710	1638	0613	1730	0502	1823	0400	1914	0322	1956
8	0735	1529	0746	1547	0709	1640	0611	1732	0500	1825	0358	1916	0322	1957
9	0736	1529	0746	1549	0707	1642	0609	1733	0458	1827	0356	1917	0321	1958
10	0737	1529	0745	1550	0705	1644	0606	1735	0455	1829	0355	1919	0321	1958
11	0738	1528	0744	1552	0703	1646	0604	1737	0453	1830	0353	1921	0320	1959
12	0739	1528	0744	1553	0701	1648	0602	1739	0451	1832	0351	1922	0320	2000
13	0740	1528	0743	1555	0659	1650	0600	1740	0449	1834	0350	1924	0320	2000
14	0741	1528	0742	1556	0658	1651	0557	1742	0446	1835	0348	1925	0320	2001
15	0742	1528	0741	1558	0656	1653	0555	1744	0444	1837	0347	1927	0320	2002
16	0742	1529	0740	1559	0654	1655	0553	1746	0442	1839	0345	1929	0319	2002
17	0743	1529	0740	1601	0652	1657	0550	1747	0440	1841	0344	1930	0319	2003
18	0744	1529	0739	1602	0650	1659	0548	1749	0438	1842	0342	1932	0319	2003
19	0745	1529	0738	1604	0648	1701	0546	1751	0436	1844	0341	1933	0319	2003
20	0745	1530	0736	1606	0646	1703	0544	1753	0433	1846	0340	1934	0320	2004
21	0746	1530	0735	1608	0644	1704	0541	1754	0431	1847	0338	1936	0320	2004
22	0746	1531	0734	1609	0642	1706	0539	1756	0429	1849	0337	1937	0320	2004
23	0747	1531	0733	1611	0639	1708	0537	1758	0427	1851	0336	1939	0320	2004
24	0747	1532	0732	1613	0637	1710	0534	1759	0425	1853	0334	1940	0321	2004
25	0747	1533	0730	1615	0635	1712	0532	1801	0423	1854	0333	1941	0321	2004
26	0748	1533	0729	1616	0633	1714	0530	1803	0421	1856	0332	1943	0321	2004
27	0748	1534	0728	1618	0631	1715	0527	1805	0419	1858	0331	1944	0322	2004
28	0748	1535	0726	1620	0629	1717	0525	1806	0417	1859	0330	1945	0322	2004
29	0748	1536	0725	1622			0523	1808	0415	1901	0329	1947	0323	2004
30	0748	1537	0723	1624			0520	1810	0413	1903	0328	1948	0324	2003
31	0748	1538	0722	1625			0518	1811			0327	1949		

SUNRISE AND SUNSET 2023												
Day	JUL		AUG		SEP		OCT		NOV		DEC	
	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS
1	0324	2003	0401	1930	0451	1828	0540	1718	0634	1612	0725	1532
2	0325	2003	0403	1929	0453	1826	0542	1716	0636	1610	0726	1532
3	0326	2002	0404	1927	0454	1823	0544	1714	0638	1609	0728	1531
4	0326	2002	0406	1925	0456	1821	0545	1711	0640	1607	0729	1531
5	0327	2001	0407	1924	0458	1819	0547	1709	0641	1605	0731	1530
6	0328	2001	0409	1922	0459	1816	0549	1707	0643	1603	0732	1530
7	0329	2000	0411	1920	0501	1814	0550	1704	0645	1602	0733	1529
8	0330	2000	0412	1918	0503	1812	0552	1702	0647	1600	0734	1529
9	0331	1959	0414	1916	0504	1810	0554	1700	0649	1558	0735	1529
10	0332	1958	0415	1914	0506	1807	0555	1658	0650	1557	0737	1529
11	0333	1957	0417	1912	0507	1805	0557	1656	0652	1555	0738	1528
12	0334	1956	0419	1910	0509	1803	0559	1653	0654	1554	0739	1528
13	0335	1956	0420	1908	0511	1800	0601	1651	0656	1552	0740	1528
14	0336	1955	0422	1906	0512	1758	0602	1649	0657	1551	0741	1528
15	0338	1954	0423	1904	0514	1756	0604	1647	0659	1549	0741	1528
16	0339	1953	0425	1902	0516	1753	0606	1645	0701	1548	0742	1529
17	0340	1952	0427	1900	0517	1751	0608	1642	0703	1547	0743	1529
18	0341	1950	0428	1858	0519	1749	0609	1640	0704	1545	0744	1529
19	0343	1949	0430	1856	0520	1746	0611	1638	0706	1544	0744	1529
20	0344	1948	0432	1854	0522	1744	0613	1636	0708	1543	0745	1530
21	0345	1947	0433	1852	0524	1742	0615	1634	0709	1542	0746	1530
22	0347	1945	0435	1850	0525	1739	0616	1632	0711	1540	0746	1531
23	0348	1944	0437	1848	0527	1737	0618	1630	0713	1539	0747	1531
24	0349	1943	0438	1846	0529	1735	0620	1628	0714	1538	0747	1532
25	0351	1941	0440	1843	0530	1732	0622	1626	0716	1537	0747	1533
26	0352	1940	0441	1841	0532	1730	0623	1624	0718	1536	0748	1533
27	0354	1938	0443	1839	0534	1728	0625	1622	0719	1535	0748	1534
28	0355	1937	0445	1837	0535	1725	0627	1620	0721	1535	0748	1535
29	0357	1935	0446	1835	0537	1723	0629	1618	0722	1534	0748	1536
30	0358	1934	0448	1832	0539	1721	0631	1616	0724	1533	0748	1537
31	0400	1932	0450	1830			0632	1614			0748	1538