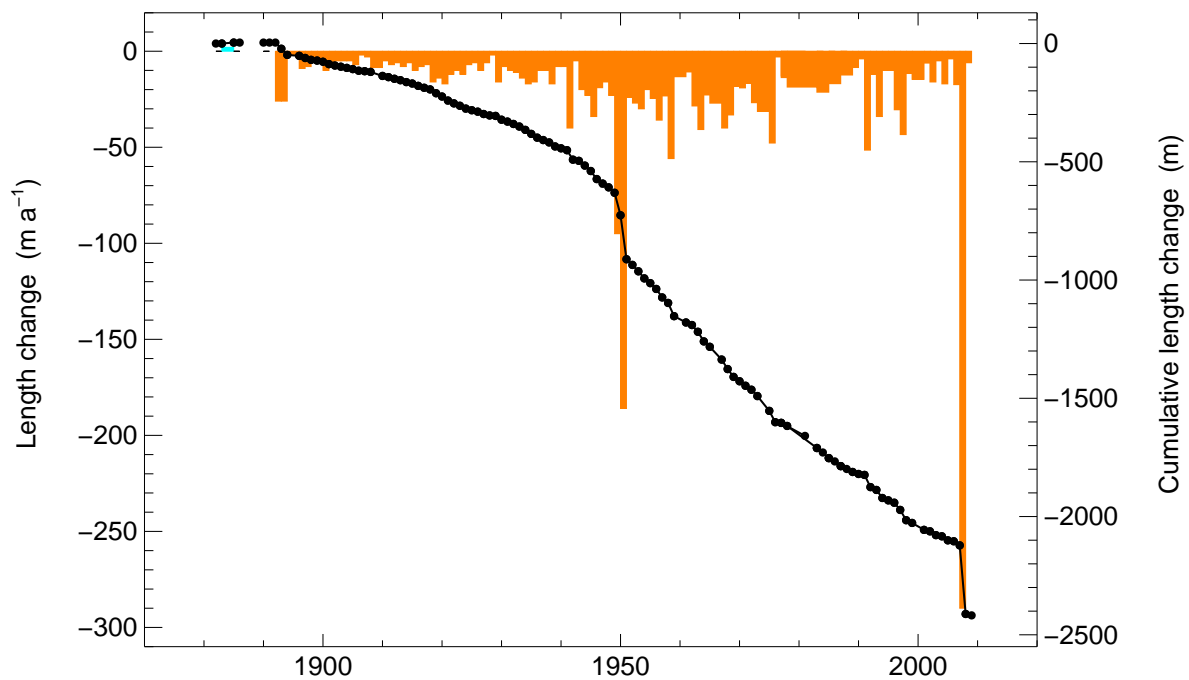




Gornergletscher

Glacier-ID : 14
 Location : 628000 // 91000
 Exposition : NW
 Community : Zermatt (VS)
 Length (1973) : 13.5 km
 Area (1973) : 59.731 km²

Length variation measurements between 1882 and 2009



An advance of the glacier is indicated in blue and a retreat in orange (in m a^{-1}). The cumulative length change (in m) since the beginning of the measurements is shown with the black curve.

Please reference the information and data in this document as:

Glaciological reports (1881-2009) "The Swiss Glaciers", Yearbooks of the Cryospheric Commission of the Swiss Academy of Sciences (SCNAT) published since 1964 by the Laboratory of Hydraulics, Hydrology and Glaciology (VAW) of ETH Zürich. No 1-126, (<http://glaziology.ethz.ch/swiss-glaciers/>).



Frontal variations (1882-2009)

Period	Length change (m)	Cumulative length change (m)
1882 - 1883	0	0
1883 - 1885	+4	4
1885 - 1886	0	4
1890 - 1891	0	4
1892 - 1893	-26	-22
1893 - 1894	-26	-48
1894 - 1896	-4	-52
1896 - 1897	-9	-61
1897 - 1898	-8	-69
1898 - 1899	-3	-72
1899 - 1900	-5	-77
1900 - 1901	-10	-87
1901 - 1902	-6	-93
1902 - 1903	-5	-98
1903 - 1904	-5	-103
1904 - 1905	-5	-108
1905 - 1906	-7	-115
1906 - 1907	-2	-117
1907 - 1908	-3	-120
1908 - 1910	-17	-137
1910 - 1911	-5	-142
1911 - 1912	-7	-149
1912 - 1913	-6	-155
1913 - 1914	-8	-163
1914 - 1915	-6	-169
1915 - 1916	-10	-179
1916 - 1917	-8	-187
1917 - 1918	-7	-194
1918 - 1919	-16	-210
1919 - 1920	-14	-224
1920 - 1921	-17	-241
1921 - 1922	-12	-253
1922 - 1923	-10	-263
1923 - 1924	-12	-275
1924 - 1925	-7	-282
1925 - 1926	-6	-288
1926 - 1927	-10	-298
1927 - 1928	-6	-304



Period	Length change (m)	Cumulative length change (m)
1928 - 1929	-2	-306
1929 - 1930	-16	-322
1930 - 1931	-8	-330
1931 - 1932	-10	-340
1932 - 1933	-11	-351
1933 - 1934	-14	-365
1934 - 1935	-17	-382
1935 - 1936	-16	-398
1936 - 1937	-10	-408
1937 - 1938	-10	-418
1938 - 1939	-17	-435
1939 - 1940	-8	-443
1940 - 1941	-8	-451
1941 - 1942	-40	-491
1942 - 1943	-5	-496
1943 - 1944	-20	-516
1944 - 1945	-23	-539
1945 - 1946	-34	-573
1946 - 1947	-19	-592
1947 - 1948	-16	-608
1948 - 1949	-23	-631
1949 - 1950	-95	-726
1950 - 1951	-186	-912
1951 - 1952	-24	-936
1952 - 1953	-27	-963
1953 - 1954	-30	-993
1954 - 1955	-20	-1013
1955 - 1956	-24.6	-1038
1956 - 1957	-35.9	-1074
1957 - 1958	-23.3	-1097
1958 - 1959	-55.9	-1153
1959 - 1961	-26.6	-1179
1961 - 1962	-10.8	-1190
1962 - 1963	-28.5	-1219
1963 - 1964	-40.8	-1259
1964 - 1965	-22.8	-1282
1965 - 1967	-54.1	-1336
1967 - 1968	-40.0	-1376
1968 - 1969	-33.2	-1410
1969 - 1970	-18.3	-1428
1970 - 1971	-19.1	-1447
1971 - 1972	-16.8	-1464



Period	Length change (m)	Cumulative length change (m)
1972 - 1973	-26.8	-1491
1973 - 1975	-62.6	-1553
1975 - 1976	-47.8	-1601
1976 - 1977	-3.0	-1604
1977 - 1978	-12.9	-1617
1977 - 1981	-55	-1659
1978 - 1983	-93.3	-1710
1983 - 1984	-19.0	-1729
1983 - 1985	-42.7	-1753
1985 - 1986	-13.9	-1767
1985 - 1987	-33.8	-1787
1987 - 1988	-12.1	-1799
1987 - 1989	-24.8	-1811
1989 - 1990	-8.5	-1820
1990 - 1991	-4	-1824
1991 - 1992	-51.5	-1875
1992 - 1993	-12	-1887
1993 - 1994	-34	-1921
1994 - 1995	-10	-1931
1995 - 1996	-10	-1941
1996 - 1997	-30.5	-1972
1997 - 1998	-43.4	-2015
1998 - 1999	-11.6	-2027
1999 - 2001	-29.3	-2056
2001 - 2002	-6.2	-2062
2002 - 2003	-16	-2078
2003 - 2004	-5	-2083
2004 - 2005	-17	-2100
2005 - 2006	-4	-2104
2006 - 2007	-17.4	-2122
2007 - 2008	-290	-2412
2008 - 2009	-6	-2418