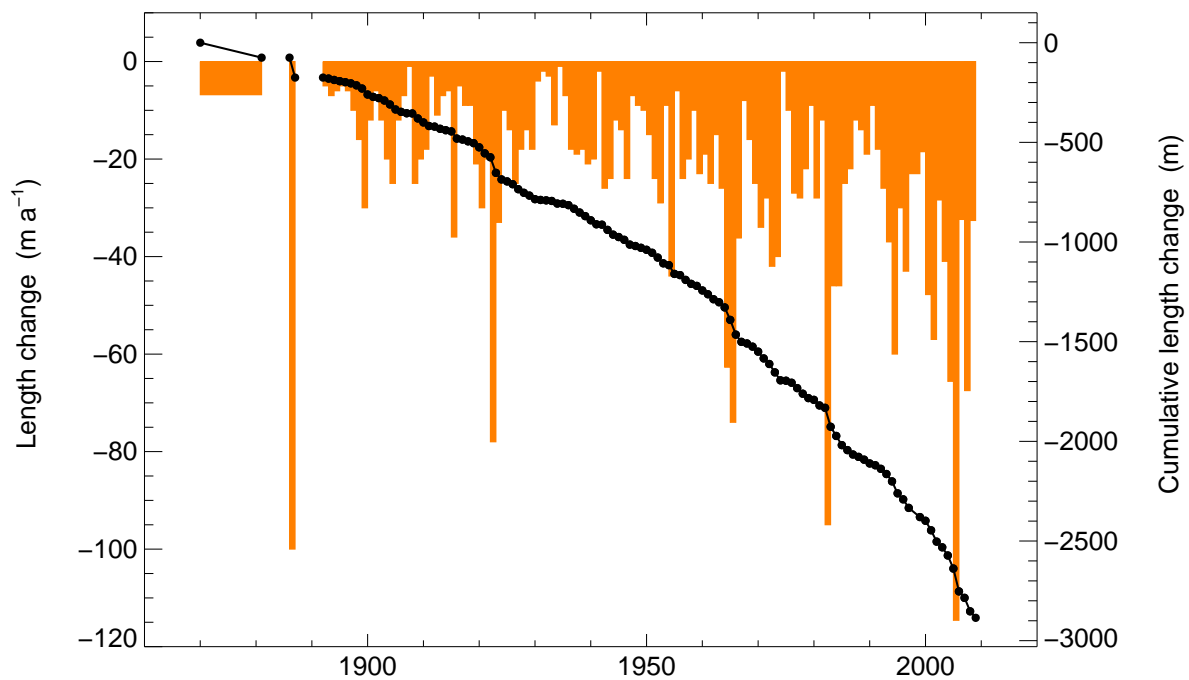




## Grosser Aletschgletscher

Glacier-ID : 5  
 Location : 645500 // 150000  
 Exposition : SE  
 Community : Naters / Ried-Mörel (VS)  
 Length (1973) : 23.95 km  
 Area (1973) : 86.627 km<sup>2</sup>

### Length variation measurements between 1870 and 2009



An advance of the glacier is indicated in blue and a retreat in orange (in  $\text{m a}^{-1}$ ). 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 (1870-2009)

Period	Length change (m)	Cumulative length change (m)
1870 - 1881	-75	-75
1886 - 1887	-100	-175
1892 - 1893	-5	-180
1893 - 1894	-7	-187
1894 - 1895	-6	-193
1895 - 1896	-5	-198
1896 - 1897	-6	-204
1897 - 1898	-10	-214
1898 - 1899	-16	-230
1899 - 1900	-30	-260
1900 - 1901	-12	-272
1901 - 1902	-6	-278
1902 - 1903	-12	-290
1903 - 1904	-20	-310
1904 - 1905	-25	-335
1905 - 1906	-12	-347
1906 - 1907	-7	-354
1907 - 1908	-1	-355
1908 - 1909	-25	-380
1909 - 1910	-20	-400
1910 - 1911	-18	-418
1911 - 1912	-3	-421
1912 - 1913	-11	-432
1913 - 1914	-7	-439
1914 - 1915	-6	-445
1915 - 1916	-36	-481
1916 - 1917	-5	-486
1917 - 1918	-9	-495
1918 - 1919	-9	-504
1919 - 1920	-21	-525
1920 - 1921	-30	-555
1921 - 1922	-20	-575
1922 - 1923	-78	-653
1923 - 1924	-33	-686
1924 - 1925	-10	-696
1925 - 1926	-14	-710
1926 - 1927	-25	-735
1927 - 1928	-18	-753



Period	Length change (m)	Cumulative length change (m)
1928 - 1929	-14	-767
1929 - 1930	-18	-785
1930 - 1931	-4	-789
1931 - 1932	-2	-791
1932 - 1933	-3	-794
1933 - 1934	-13	-807
1934 - 1935	-1	-808
1935 - 1936	-7	-815
1936 - 1937	-18	-833
1937 - 1938	-19	-852
1938 - 1939	-18	-870
1939 - 1940	-21	-891
1940 - 1941	-20	-911
1941 - 1942	-2	-913
1942 - 1943	-26	-939
1943 - 1944	-24	-963
1944 - 1945	-12	-975
1945 - 1946	-14	-989
1946 - 1947	-24	-1013
1947 - 1948	-7	-1020
1948 - 1949	-9	-1029
1949 - 1950	-10	-1039
1950 - 1951	-15	-1054
1951 - 1952	-24	-1078
1952 - 1953	-29	-1107
1953 - 1954	-9	-1116
1954 - 1955	-44	-1160
1955 - 1956	-6	-1166
1956 - 1957	-24	-1190
1957 - 1958	-20	-1210
1958 - 1959	-10	-1220
1959 - 1960	-23	-1243
1960 - 1961	-19	-1262
1961 - 1962	-25	-1287
1962 - 1963	-15	-1302
1963 - 1964	-26	-1328
1964 - 1965	-62.7	-1391
1965 - 1966	-74.0	-1465
1966 - 1967	-36.2	-1501
1967 - 1968	-8	-1509
1968 - 1969	-16	-1525
1969 - 1970	-25	-1550



Period	Length change (m)	Cumulative length change (m)
1970 - 1971	-34	-1584
1971 - 1972	-28	-1612
1972 - 1973	-42	-1654
1973 - 1974	-40	-1694
1974 - 1975	-2	-1696
1975 - 1976	-10	-1706
1976 - 1977	-27	-1733
1977 - 1978	-28	-1761
1978 - 1979	-22	-1783
1979 - 1980	-9	-1792
1980 - 1981	-28	-1820
1981 - 1982	-12	-1832
1982 - 1983	-95	-1927
1983 - 1984	-46	-1973
1984 - 1985	-46	-2019
1985 - 1986	-25	-2044
1986 - 1987	-22	-2066
1987 - 1988	-12	-2078
1988 - 1989	-14	-2092
1989 - 1990	-19	-2111
1990 - 1991	-9	-2120
1991 - 1992	-18	-2138
1992 - 1993	-26	-2164
1993 - 1994	-37	-2201
1994 - 1995	-60	-2261
1995 - 1996	-30	-2291
1996 - 1997	-43	-2334
1997 - 1999	-46	-2380
1999 - 2000	-18.5	-2398
2000 - 2001	-47.8	-2446
2001 - 2002	-57.0	-2503
2002 - 2003	-28.4	-2532
2003 - 2004	-41.0	-2573
2004 - 2005	-65.6	-2638
2005 - 2006	-114.6	-2753
2006 - 2007	-32.4	-2785
2007 - 2008	-67.5	-2853
2008 - 2009	-32.6	-2885