

Bidston Observatory mean monthly minimum grass temperature (°C)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean
1929	3.9	3.7	7.4	6.7	4.6	-1.1	-3.2	-1.7	-3.2				
1930	-2.3	-6	-5	-1.1	0.2	5	8.3	7.4	5.4	2.8	-3.1	-2.3	-6
1931	-4.9	-1.1	-6.1	-0.1	1.8	5.1	9	9	1.5	-3.3	0.5	-2.8	-6.1
1932	-3.8	-3.5	-5.6	-0.4	1.1	2.2	8.3	4.9	2.2	-0.3	-0.7	-2	-5.6
1933	-7.1	-4.4	-1.1	-2.1	3.9	5.6	10.6	8.9	4.5	2.2	-2.3	-4.4	-7.1
1934	-3.3	-3.3	-2.8	-1.2	1.8	4.8	7.5	5.7	4.9	-0.1	-0.6	2.3	-3.3
1935	-2.6	-2.2	-2.9	0.2	1.6	5.7	7.3	5.4	5.6	-1.7	-3.1	-5.6	-5.6
1936	-5.6	-6.3	-1.8	-3.7	1.4	4.2	7.8	7.9	1.2	0	-1.9	-3.9	-6.3
1937	-4.4	-0.6	-4.2	0	3.8	4.9	8.3	8.9	4.5	2.7	-5	-6	-6
1938	-1.7	-5.6	-2	-4.7	-0.2	6.1	5.6	7.1	4.6	3.8	1.1	-5.7	-5.7
1939	-7.6	-5.4	-0.3	0.1	1.2	4	7.7	9.7	2.6	0.4	3.1	-5	-7.6
1940	-11.8	-5.8	-3.4	0.1	5	6.6	8.8	9.8	4.1	0.4	0.1	-1.2	-11.8
1941	-6.9	-4.6	-4.4	-1.9	-0.1	2.8	8.4	6.3	4.8	0.2	-1.8	-4.2	-6.9
1942	-5.3	-6	-3.3	-0.7	-3.2	5.1	7.9	8.5	2.9	-1	-7.1	-3.4	-7.1
1943	-3.6	-1.2	-2.2	2.3	0.8	4.2	8.4	8.3	0.7	2.1	-2	-4.8	-4.8
1944	-3.3	-5.5	-3.7	0.4	-1.7	5.2	9.7	6.8	4.7	0.6	-2.7	-5	-5.5
1945	-8.6	-1.5	-1.7	-0.8	1	6.6	8.9	6.4	7.2	5.2	-1.2	-1.7	-8.6
1946	-6.3	-4.7	-5.5	2.7	1.3	4.6	8.1	5.6	7.4	-0.4	0.8	-4.4	-6.3
1947	-9.6	-8.3	-7.6	0.3	1.7	5.1	8.3	9.8	3	1.7	-6.4	-4	-9.6
1948	-1.1	-4	-0.1	0.2	1.1	6.4	8.8	5.4	3.8	-1.4	0	-4.3	-4.3
1949	-1.7	-3.9	-3.3	1.2	2.7	4.7	8.7	9.6	8.2	0.9	1	-2.2	-3.9
1950	-4.9	-3.1	-1	-1.2	1.9	7.1	7.3	8.4	5.1	-1.1	-2.4	-6.1	-6.1
1951	-3.6	-3.9	-3.8	-1.7	-2	3.3	7.5	8.3	5.8	0.7	3.2	-2.8	-3.9
1952	-9.4	-5.6	-2.8	-2	3.8	5	8.7	7.8	2.6	-0.2	-5.2	-3.8	-9.4
1953	-4.3	-3.4	-2.8	-0.8	3.7	5.6	9.4	9.1	5.6	1.6	2.3	-1.7	-4.3
1954	-5	-7.2	-5.1	1	3.7	5.1	6.7	6.9	4.4	1.6	-2.2	-0.5	-7.2
1955	-6.8	-8.7	-4.3	-0.6	1.2	1.4	9.1	8.8	7.4	-1.4	-3.5	-4.7	-8.7
1956	-2.1	-10	-3.3	-3.1	2.4	3.9	8.2	4.4	4.4	-0.4	-2.4	-6.6	-10
1957	-2.3	-4.6	-0.5	-1.1	1.2	4.9	8.6	7.5	3.4	2.5	-1.4	-4.2	-4.6
1958	-6.7	-4.3	-8.3	-3.8	2.9	6.3	6.4	7.8	6.9	2.4	-1.7	-2.8	-8.3
1959	-6.2	-4.3	1	0.7	0.7	5.2	7.5	5.7	4.2	1.8	-1.4	0.2	-6.2
1960	-5.4	-4.5	-1.8	-2.7	2.2	5.5	7.4	7.2	4.8	2.2	-1.4	-4.4	-5.4
1961	-3.3	-0.6	0.7	-0.4	3.2	5.8	6.9	7.2	3.9	2.7	-2.2	-7.7	-7.7

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1962	-6.8	-1.7	-8.2	-1.8	1.8	2.2	5.3	8	4.6	0.1	-2.7	-9.2	-9.2
1963	-10.3	-7.7	-4.4	-0.4	2.3	4.8	4.9	6.8	4.9	4.3	-0.6	-6.4	-10.3
1964	-4.9	-4.2	-4.2	-1.4	2.5	3.9	6.4	6.8	3.3	1.8	-1.1	-8.8	-8.8
1965	-3.7	-4.4	-8.6	-0.6	3.4	6.7	5.8	7.2	6.3	3.4	-2.8	-4.1	-8.6
1966	-6.9	-3.3	0	-1.2	2.9	7.6	7.7	6.8	6.7	2	0.6	-0.9	-6.9
1967	-4.6	-1.3	-0.1	-1.8	-0.1	6.4	8.6	8.5	6.7	3.6	-1.4	-4.4	-4.6
1968	-2.7	-5.5	-2.7	-2.2	2.1	6.6	7.6	8.4	5.8	4.9	-3.4	-6.9	-6.9
1969	-3.2	-11.8	-6.6	-4.4	0.1	3.4	6.6	3.6	3.9	5	-5	-4.8	-11.8
1970	-10.5	-5.4	-7	-3.5	4.1	7	8	5	2.5	1.4	n/r	-5.4	-10.5
1971	-9.6	-4.5	-5.7	-4.6	0.9	4	6.1	6.2	5	-0.7	-2.7	-4.7	-9.6
1972	n/r	-1.9	-3.9	-1.4	1.5	3.6	4.5	5	3	0.6	-3.8	-4	-4
1973	-4.2	-7.2	-2.7	-4	0.3	3.7	5.8	7.7	2.6	-1	-4	-6.6	-7.2
1974	-3.2	-1.7	-3.6	-3.7	-1	2.2	7.2	4.5	0.8	-1.1	-1.8	-0.1	-3.7
1975	-1.8	-3.1	-3.2	-4.3	-0.1	2.2	6.4	7.7	2.5	0.5	-1.5	-4.3	-4.3
1976	-6.2	-3.5	-4.2	-3.6	-0.6	4.1	6.5	8	2.4	-1.1	-3.5	-7.5	-7.5
1977	-6.9	-4.3	-4.6	-3.5	-0.4	3.6	7.7	5.2	2.6	3.7	-4	-0.7	-6.9
1978	-5.9	-9.5	-3.8	-5.3	2.9	4.8	5.9	7.4	5.3	5.3	-5	-8.4	-9.5
1979	-9.1	-6.9	-2.2	-3.1	-2	4.4	7.2	4.5	2.3	1.8	-3.6	-5.4	-9.1
1980	-7.1	-6.6	-5.9	-2.2	2.3	5.4	6.3	6	4.8	-1.8	-5	-5.3	-7.1
1981	-5.6	-5.4	-1	-1.6	-0.3	3.7	4.8	7.3	5	-2.1	0.9	-11.4	-11.4
1982	-11.5	-3.5	-1.7	0.9	-0.2	5.6	7	6.9	4.5	-0.2	-2.5	-5.9	-11.5
1983	-3.2	-7.1	-3.1	-3.4	-0.1	5	5.5	4.9	5.4	-1.9	-5.2	-4.1	-7.1
1984	-5.1	-3.7	-4.7	-6.9	-4.1	3.7	5.2	5.7	1.5	1.1	-0.5	-3.5	-5.1
1985	-8.5	-8.1	-6.3	-4.6	1.4	2.1	8.2	7.2	7.5	-0.1	-5.1	-9.9	-9.9
1986	-6.8	-12.2	-11.5	-5.4	1.8	4.3	6.8	3.5	-0.1	0.1	-2	-3.6	-12.2
1987	-10.3	-6.1	-6.6	-1.8	1.8	3.9	8.5	5.9	2.5	-2.3	-0.2	-5.5	-10.3
1988	-1.8	-3.5	-3.5	-1.6	3	5.3	8.9	4.5	2.6	-3.2	-7.6	-1.7	-7.6
1989	-2.6	-4.8	-5.1	-5.2	1	-1.1	8.9	4	6.1	4	-2.1	-4.4	-5.2
1990	-	-	-	-	-	4	7	-	-	4.5	-	-	-
1991	-	-4.9	-1.4	-1	-0.6	0.7	7.5	6.3	0.3	1.1	-2.8	-5.9	-5.9
1992	-5.5	-2.5	-1.8	0	0.8	2.7	5.9	4.1	3.7	-2.3	-3	-4.8	-5.5
1993	-4.7	-3.8	-3.6	-1	-0.2	4.6	3.6	3	2.1	-3.6	-6.1	-4.3	-6.1
1994	-2.7	-5.6	-1.5	-2	0.4	4	5.9	5.9	4.5	0	0.8	-4.1	-5.6

