



No.	Station ID	Period of assessment	Average annual BFI	Average wet season BFI	Average dry season BFI
1	Gauge ID 1S7	1961/1962-1996/1997	0.32	0.28	0.76
2	Gauge ID 1R3	1952/1953-2003/2004	0.19	0.16	0.87
3	Gauge ID 1P2	1952/1953-2004/2005	0.9	0.87	0.93
4	Gauge ID 1C1	1951/1952-2004/2005	0.48	0.44	0.85
5	Gauge ID 1K1	1951/1952-1996/1997	0.38	0.33	0.76
6	Gauge ID 1L12	1976/1977-2009/2010	0.92	0.91	0.96
7	Gauge ID 14A3	1962/1963-1999/2000	0.27	0.23	0.81
8	Gauge ID 2B33	1961/1962-2009/2010	0.27	0.22	0.79
9	Gauge ID 9A5	1970/1971-2006/2007	0.63	0.53	0.92
10	Gauge ID 9B6	1981/1982-2007/2008	0.5	0.44	0.94
11	Gauge ID 9B3	1970/1971-2007/2008	0.33	0.32	0.78
12	Gauge ID 4B3	1957/1958-2007/2008	0.52	0.48	0.89
13	Gauge ID 3F3	1957/1958-2003/2004	0.72	0.64	0.93
14	Gauge ID 3E1	1953/1954-2009/2010	0.49	0.42	0.94
15	Gauge ID 4B4	1957/1958-2009/2010	0.63	0.58	0.88
16	Gauge ID 5D3	1958/1959-2002/2003	0.48	0.45	0.84
17	Gauge ID 9A2	1953/1954-2009/2010	0.54	0.48	0.92
18	Gauge ID 9B7	1985/1986-2011/2012	0.64	0.56	0.86
19	Gauge ID 8A5	1968/1969-2008/2009	0.6	0.55	0.91
20	Gauge ID 9A4	1958/1959-2007/2008	0.71	0.62	0.92
21	Gauge ID 5D2(A)	1953/1954-2004/2005	0.76	0.74	0.84
22	Gauge ID 6C1	1952/1953-2009/2010	0.28	0.28	0.82
23	Gauge ID 6C5	1965/1966-2000/2001	0.47	0.43	0.74
24	Gauge ID 5F1	1964/1965-2004/2005	0.8	0.79	0.89
25	Gauge ID 4D24	1990/1991-2004/2005	0.7	0.67	0.87
26	Gauge ID 4E2	1959/1960-2004/2005	0.37	0.37	0.8
27	Gauge ID 4C11	1985/1986-2009/2010	0.21	0.17	0.75
28	Gauge ID 4D4	1953/1954-2008/2009	0.65	0.59	0.92
29	Gauge ID 1B1	1948/1949-2011/2012	0.97	0.95	0.98
30	Gauge ID 11A7	1976/1977-1997/1998	0.45	0.36	0.9

No.	Station ID	Period of assessment	Average annual BFI	Average wet season BFI	Average dry season BFI
31	Gauge ID 5E6	1970/1971-2007/2008	0.54	0.46	0.9
32	Gauge ID 14C8	1959/1960-2001/2002	0.4	0.37	0.53
33	Gauge ID 14C2	1953/1954-2007/2008	0.46	0.47	0.49
34	Gauge ID 7D8	1952/1953-2007/2008	0.53	0.41	0.84
35	Gauge ID 7A3	1955/1956-2007/2008	0.35	0.35	0.73
36	Gauge ID 7G18	1985/1986-2008/2009	0.84	0.75	0.97
37	Gauge ID 1M1	1980/1981-2007/2008	0.64	0.52	0.87
38	Gauge ID 16F2	1952/1953-1993/1994	0.76	0.69	0.9
39	Gauge ID 16E6	1972/1972-2008/2009	0.78	0.71	0.91
40	Gauge ID 6D10	1985/1986-2009/2010	0.35	0.38	0.71
41	Gauge ID 5C1	1957/1958-2008/2009	0.74	0.69	0.94
42	Gauge ID 14D1	1980/1981-1990/1991	0.43	0.36	0.7
43	Gauge ID 1G1(A)	1953/1954-2008/2009	0.95	0.93	0.98
44	Gauge ID 3E5	1957/1958-2008/2009	0.55	0.5	0.95
45	Gauge ID 3E3	1956/1957-2007/2008	0.54	0.43	0.9
46	Gauge ID 5D1	1958/1959-2006/2007	0.75	0.74	0.93
47	Gauge ID 7F1	1955/1956-1997/1998	0.8	0.72	0.96
48	Gauge ID 7G14	1957/1958-2006/2007	0.8	0.76	0.97
49	Gauge ID 7H1	1955/1956-2007/2008	0.84	0.78	0.98
50	Gauge ID 7H2	1952/1953-2007/2008	0.87	0.79	0.96
51	Gauge ID 7H3	1971/1972-2006/2007	0.71	0.6	0.93
52	Gauge ID 7F2	1956/1957-2007/2008	0.85	0.77	0.97
53	Gauge ID 15A8	1960/1961-2009/2010	0.49	0.42	0.95
54	Gauge ID 4B9	1974/1975-2009/2010	0.37	0.36	0.77
55	Gauge ID 4B1	1953/1954-2008/2009	0.43	0.39	0.78
56	Gauge ID 4C2	1957/1958-2009/2010	0.51	0.42	0.91
57	Gauge ID 15A4	1970/1971-1999/2000	0.17	0.18	0.72
58	Gauge ID 14B2	1951/1952-2002/2003	0.36	0.34	0.74
59	Gauge ID 14A2	1954/1955-2001/2002	0.43	0.37	0.87
60	Gauge ID 2B22	1960/1961-2006/2007	0.36	0.31	0.79
61	Gauge ID 2C3	1958/1959-2009/2010	0.76	0.72	0.93

Baseflow Index adapted from Kelly et al., 2019a, 2019b, & Kelly et al., 2020  
 Geological data digitized after Carron, 1978; Westmore et al., 2019  
 Other spatial data provided by Malawi Government.

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# Base Flow Index of Malawi (Groundwater-Surface Water Interactions)

- Town/City
- Malawi International Border
- Waterbody
- River
- Fault
- BFI Gauge Station
- Consolidated Sedimentary Rock Aquifer Units
- Unconsolidated Sedimentary Aquifer Units overlying Weathered Basement
- Weathered Basement Aquifer Units overlying Fractured Basement

**Notes**

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