

| Validation areas/basins | Basin area (km ²) | Average area elevation (m) | Number of stations | Average station elevation (m) | Average annual rainfall (mm) | Average T_{\max}/T_{\min} |
|-------------------------|-------------------------------|----------------------------|--------------------|-------------------------------|------------------------------|-----------------------------|
| EthioShed1 | 8980 | 1516 | 9 | 1881 | 1758 | 26.3/13.6 |
| EthioShed2 | 12 828 | 2279 | 12 | 2009 | 968.6 | 25.9/11.4 |
| EthioShed3 | 15 123 | 2192 | 9 | 2104 | 1202.6 | 25.3/11.7 |
| EthioShed4 | 8323 | 2180 | 7 | 1954 | 994.42 | 31.8/16.5 |
| EthioShed5 | 5625 | 1720 | 10 | 1800 | 1039.1 | 26.4/13.4 |
| EthioShed6 | 11 204 | 2830 | 8 | 2510 | 1168.7 | 22.1/8.0 |
| EthioShed7 | 12 445 | 1830 | 8 | 1973 | 1524.53 | 25.7/12.4 |
| EthioShed8 | 6522 | 1930 | 5 | 2022 | 1628.35 | 26.0/14.0 |
| EthioShed9 | 4666 | 1526 | 4 | 1738 | 578.4 | 28.0/14.4 |
| EthioShed10 | 5986 | 2520 | 8 | 2580 | 1133.1 | 21.2/9.3 |
| EthioShed11 | 11 496 | 1256 | 7 | 1468 | 945 | 27.4/15.2 |
| EthioShed12 | 3868 | 520 | 2 | 400 | 343.8 | 34.1/22.3 |
| EthioShed13 | 4934 | 1301 | 4 | 2413 | 588 | 26.2/13.1 |
| EthioShed14 | 2835 | 1360 | 4 | 1239 | 706 | 31.8/16.5 |
| EthioShed15 | 1121 | 2307 | 4 | 2183 | 495 | 24.3/11.1 |
| EthioShed16 | 3012 | 2102 | 5 | 2148 | 1110 | 26.0/11.8 |
| EthioShed17 | 9909 | 1998 | 12 | 2056 | 2075 | 23.8/10.2 |
| KenShed1 | 11 712 | 1980 | 4 | 1024 | 1156.1 | 25/13.5 |
| KenShed2 | 7861 | 2328 | 3 | 1602 | 1418.6 | 24/13.2 |
| TanzShed1 | 8092 | 1244 | 3 | 1137 | 1137.8 | 28.7/17.5 |
| TanzShed2 | 2154 | 1097 | 3 | 1428 | 1136.2 | 28.2/17.8 |