

Hardness calculations using the average results for 2016 for calcium and magnesium from regulation zones.

| Supply zone                 | Calcium mgCa/l | Magnesium mgMg/l | Hardness as mg/l CaCO3 | Clark degrees | French degrees | German degrees | Hardness level  |
|-----------------------------|----------------|------------------|------------------------|---------------|----------------|----------------|-----------------|
| Acharacle                   | 3.35           | 1.03             | 12.57                  | 0.88          | 1.26           | 0.70           | Soft            |
| Achiltibuie                 | 1.83           | 1.08             | 8.97                   | 0.63          | 0.90           | 0.50           | Soft            |
| Achmelvich                  | 7.10           | 2.90             | 29.64                  | 2.08          | 2.96           | 1.66           | Soft            |
| Achnasheen                  | 1.10           | 0.20             | 3.57                   | 0.25          | 0.36           | 0.20           | Soft            |
| Afton                       | 15.20          | 0.90             | 41.62                  | 2.92          | 4.16           | 2.33           | Soft            |
| Alexandria                  | 8.31           | 1.03             | 24.95                  | 1.75          | 2.50           | 1.40           | Soft            |
| Alligin                     | 1.50           | 0.70             | 6.62                   | 0.46          | 0.66           | 0.37           | Soft            |
| Altnaharra                  | 4.00           | 0.80             | 13.27                  | 0.93          | 1.33           | 0.74           | Soft            |
| Amlaird                     | 24.36          | 1.63             | 67.47                  | 4.73          | 6.75           | 3.78           | Moderately Soft |
| Applecross                  | 3.10           | 0.90             | 11.44                  | 0.80          | 1.14           | 0.64           | Soft            |
| Ardeonaig                   | 2.00           | 0.30             | 6.22                   | 0.44          | 0.62           | 0.35           | Soft            |
| Ardfern                     | 7.63           | 2.08             | 27.56                  | 1.93          | 2.76           | 1.54           | Soft            |
| Ardishaig                   | 2.26           | 0.76             | 8.78                   | 0.62          | 0.88           | 0.49           | Soft            |
| Ardvourlie                  | 3.20           | 1.40             | 13.74                  | 0.96          | 1.37           | 0.77           | Soft            |
| Arinagour                   | 5.70           | 2.50             | 24.50                  | 1.72          | 2.45           | 1.37           | Soft            |
| Arnisdale                   | 11.20          | 1.00             | 32.06                  | 2.25          | 3.21           | 1.80           | Soft            |
| Ascog Bute                  | 15.05          | 3.55             | 52.15                  | 3.66          | 5.21           | 2.92           | Moderately Soft |
| Assynt                      | 4.16           | 0.70             | 13.26                  | 0.93          | 1.33           | 0.74           | Soft            |
| Auchneel                    | 26.30          | 3.96             | 81.91                  | 5.75          | 8.19           | 4.59           | Moderately Soft |
| Aultbea                     | 1.85           | 1.50             | 10.78                  | 0.76          | 1.08           | 0.60           | Soft            |
| Aviemore                    | 17.53          | 2.18             | 52.70                  | 3.70          | 5.27           | 2.95           | Moderately Soft |
| Backies                     | 4.34           | 1.22             | 15.84                  | 1.11          | 1.58           | 0.89           | Soft            |
| Badachro                    | 1.96           | 1.08             | 9.33                   | 0.65          | 0.93           | 0.52           | Soft            |
| Badcaul                     | 0.50           | 0.58             | 3.61                   | 0.25          | 0.36           | 0.20           | Soft            |
| Badentinan                  | 26.90          | 2.00             | 75.34                  | 5.29          | 7.53           | 4.22           | Moderately Soft |
| Ballater                    | 6.23           | 2.20             | 24.58                  | 1.72          | 2.46           | 1.38           | Soft            |
| Ballygrant Islay            | 15.55          | 4.65             | 57.92                  | 4.06          | 5.79           | 3.25           | Moderately Soft |
| Balmichael Arran            | 32.98          | 22.08            | 173.05                 | 12.14         | 17.30          | 9.70           | Moderately Hard |
| Balmore A                   | 6.49           | 0.76             | 19.32                  | 1.36          | 1.93           | 1.08           | Soft            |
| Balmore B                   | 6.58           | 0.75             | 19.49                  | 1.37          | 1.95           | 1.09           | Soft            |
| Balmore C                   | 6.53           | 0.74             | 19.31                  | 1.35          | 1.93           | 1.08           | Soft            |
| Balmore C5 North            | 7.50           | 0.98             | 22.72                  | 1.59          | 2.27           | 1.27           | Soft            |
| Balmore C5 South            | 6.88           | 0.84             | 20.60                  | 1.44          | 2.06           | 1.15           | Soft            |
| Balmore Carron Valley       | 7.95           | 0.86             | 23.38                  | 1.64          | 2.34           | 1.31           | Soft            |
| Balmore Castlemilk          | 7.13           | 0.85             | 21.27                  | 1.49          | 2.13           | 1.19           | Soft            |
| Balmore D                   | 6.81           | 0.74             | 20.03                  | 1.41          | 2.00           | 1.12           | Soft            |
| Balmore E                   | 6.90           | 0.74             | 20.25                  | 1.42          | 2.02           | 1.13           | Soft            |
| Balmore F                   | 8.19           | 0.80             | 23.72                  | 1.66          | 2.37           | 1.33           | Soft            |
| Balquhiddy                  | 4.90           | 0.60             | 14.69                  | 1.03          | 1.47           | 0.82           | Soft            |
| Barra Western Isles         | 3.95           | 3.10             | 22.60                  | 1.59          | 2.26           | 1.27           | Soft            |
| Bayhead Western Isles       | 2.28           | 2.80             | 17.19                  | 1.21          | 1.72           | 0.96           | Soft            |
| Beasdale                    | 7.50           | 1.60             | 25.29                  | 1.77          | 2.53           | 1.42           | Soft            |
| Belmore                     | 8.06           | 0.60             | 22.58                  | 1.58          | 2.26           | 1.27           | Soft            |
| Benbecula Western Isles     | 4.13           | 3.68             | 25.40                  | 1.78          | 2.54           | 1.42           | Soft            |
| Black Esk                   | 27.11          | 3.80             | 83.27                  | 5.84          | 8.33           | 4.67           | Moderately Soft |
| Black Esk Winterhope        | 7.65           | 3.40             | 33.07                  | 2.32          | 3.31           | 1.85           | Soft            |
| Blairlinnans North          | 6.89           | 0.90             | 20.89                  | 1.47          | 2.09           | 1.17           | Soft            |
| Blairlinnans South          | 8.38           | 1.08             | 25.32                  | 1.78          | 2.53           | 1.42           | Soft            |
| Blairnamarrow               | 29.95          | 5.43             | 97.03                  | 6.81          | 9.70           | 5.44           | Moderately Soft |
| Boardhouse Orkney           | 30.85          | 9.25             | 115.01                 | 8.07          | 11.50          | 6.44           | Slightly Hard   |
| Bonar Bridge                | 4.48           | 0.70             | 14.04                  | 0.99          | 1.40           | 0.79           | Soft            |
| Bonnycraig                  | 2.64           | 0.95             | 10.49                  | 0.74          | 1.05           | 0.59           | Soft            |
| Bracadale Skye              | 5.83           | 1.70             | 21.52                  | 1.51          | 2.15           | 1.21           | Soft            |
| Bradán A                    | 10.96          | 0.71             | 30.28                  | 2.12          | 3.03           | 1.70           | Soft            |
| Bradán B                    | 12.89          | 0.80             | 35.44                  | 2.49          | 3.54           | 1.99           | Soft            |
| Bradán C                    | 10.81          | 0.74             | 30.01                  | 2.11          | 3.00           | 1.68           | Soft            |
| Braemar                     | 21.15          | 1.58             | 59.25                  | 4.16          | 5.92           | 3.32           | Moderately Soft |
| Brig O' Turk                | 2.10           | 0.40             | 6.88                   | 0.48          | 0.69           | 0.39           | Soft            |
| Broadford Mid Skye          | 12.10          | 2.05             | 38.62                  | 2.71          | 3.86           | 2.16           | Soft            |
| Broadford Skye              | 12.43          | 2.50             | 41.28                  | 2.90          | 4.13           | 2.31           | Soft            |
| Bunessan Mull               | 4.57           | 3.32             | 25.03                  | 1.76          | 2.50           | 1.40           | Soft            |
| Burncrooks                  | 17.93          | 1.08             | 49.14                  | 3.45          | 4.91           | 2.75           | Soft            |
| Burncrooks and Blairlinnans | 13.86          | 1.05             | 38.90                  | 2.73          | 3.89           | 2.18           | Soft            |
| Campbeltown                 | 17.09          | 4.29             | 60.26                  | 4.23          | 6.03           | 3.38           | Moderately Soft |
| Camphill                    | 14.44          | 1.24             | 41.11                  | 2.88          | 4.11           | 2.30           | Soft            |
| Camps                       | 11.24          | 1.91             | 35.90                  | 2.52          | 3.59           | 2.01           | Soft            |
| Carbost Skye                | 3.28           | 1.60             | 14.75                  | 1.03          | 1.48           | 0.83           | Soft            |
| Cargen                      | 45.88          | 21.73            | 203.79                 | 14.30         | 20.38          | 11.42          | Moderately Hard |
| Carradale                   | 14.63          | 12.13            | 86.35                  | 6.06          | 8.63           | 4.84           | Moderately Soft |
| Carrick Castle              | 1.30           | 0.10             | 3.65                   | 0.26          | 0.37           | 0.20           | Soft            |
| Carron Valley A             | 12.11          | 1.46             | 36.23                  | 2.54          | 3.62           | 2.03           | Soft            |
| Carron Valley and Turret    | 10.90          | 0.90             | 30.90                  | 2.17          | 3.09           | 1.73           | Soft            |

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|-------------------------|----------------|------------------|------------------------|---------------|----------------|----------------|-----------------|
| Carron Valley B         | 11.70          | 1.19             | 34.07                  | 2.39          | 3.41           | 1.91           | Soft            |
| Carsphairn              | 1.30           | 2.00             | 11.47                  | 0.80          | 1.15           | 0.64           | Soft            |
| Castle Moffat           | 18.66          | 5.00             | 67.12                  | 4.71          | 6.71           | 3.76           | Moderately Soft |
| Claddich                | 2.60           | 0.10             | 6.90                   | 0.48          | 0.69           | 0.39           | Soft            |
| Clatto East             | 10.66          | 1.76             | 33.85                  | 2.37          | 3.39           | 1.90           | Soft            |
| Clatto West             | 10.58          | 1.78             | 33.68                  | 2.36          | 3.37           | 1.89           | Soft            |
| Clasamol Western Isles  | 3.90           | 2.80             | 21.24                  | 1.49          | 2.12           | 1.19           | Soft            |
| Colonsay                | 4.78           | 2.93             | 23.94                  | 1.68          | 2.39           | 1.34           | Soft            |
| Corrie Arran            | 1.60           | 0.38             | 5.53                   | 0.39          | 0.55           | 0.31           | Soft            |
| Corsehouse              | 17.46          | 1.41             | 49.38                  | 3.46          | 4.94           | 2.77           | Soft            |
| Coulter                 | 6.95           | 1.96             | 25.41                  | 1.78          | 2.54           | 1.42           | Soft            |
| Craighead               | 19.40          | 3.30             | 61.97                  | 4.35          | 6.20           | 3.47           | Moderately Soft |
| Craighouse              | 2.68           | 0.80             | 9.96                   | 0.70          | 1.00           | 0.56           | Soft            |
| Craigie                 | 11.21          | 1.65             | 34.76                  | 2.44          | 3.48           | 1.95           | Soft            |
| Craignure Mull          | 3.35           | 0.85             | 11.85                  | 0.83          | 1.19           | 0.66           | Soft            |
| Crathie                 | 7.80           | 1.30             | 24.81                  | 1.74          | 2.48           | 1.39           | Soft            |
| Crianlarich             | 2.08           | 0.28             | 6.31                   | 0.44          | 0.63           | 0.35           | Soft            |
| Daer A                  | 9.51           | 0.85             | 27.23                  | 1.91          | 2.72           | 1.53           | Soft            |
| Daer B                  | 9.41           | 0.85             | 26.98                  | 1.89          | 2.70           | 1.51           | Soft            |
| Daer C                  | 9.36           | 0.85             | 26.85                  | 1.88          | 2.69           | 1.50           | Soft            |
| Daer Camps A            | 10.05          | 1.36             | 30.68                  | 2.15          | 3.07           | 1.72           | Soft            |
| Daer Camps B            | 9.93           | 1.10             | 29.29                  | 2.05          | 2.93           | 1.64           | Soft            |
| Daer Coulter            | 8.33           | 1.74             | 27.92                  | 1.96          | 2.79           | 1.56           | Soft            |
| Dalmally                | 1.33           | 1.23             | 8.34                   | 0.59          | 0.83           | 0.47           | Soft            |
| Dalwhinnie              | 11.50          | 0.70             | 31.57                  | 2.21          | 3.16           | 1.77           | Soft            |
| Dervaig Mull            | 2.20           | 1.80             | 12.89                  | 0.90          | 1.29           | 0.72           | Soft            |
| Dhu Loch Bute           | 2.48           | 1.85             | 13.78                  | 0.97          | 1.38           | 0.77           | Soft            |
| Diabeg                  | 2.80           | 1.20             | 11.92                  | 0.84          | 1.19           | 0.67           | Soft            |
| Dornoch                 | 17.30          | 1.40             | 48.92                  | 3.43          | 4.89           | 2.74           | Soft            |
| Dougliehill             | 16.94          | 1.24             | 47.35                  | 3.32          | 4.73           | 2.65           | Soft            |
| Drimmin                 | 5.30           | 3.20             | 26.38                  | 1.85          | 2.64           | 1.48           | Soft            |
| Drumbeg                 | 3.10           | 1.90             | 15.55                  | 1.09          | 1.55           | 0.87           | Soft            |
| Durness                 | 39.70          | 12.68            | 151.17                 | 10.61         | 15.12          | 8.47           | Moderately Hard |
| Earlish Skye            | 4.73           | 2.83             | 23.41                  | 1.64          | 2.34           | 1.31           | Soft            |
| Eday Orkney             | 57.00          | 17.15            | 212.74                 | 14.92         | 21.27          | 11.92          | Moderately Hard |
| Eela Water              | 8.05           | 2.98             | 32.32                  | 2.27          | 3.23           | 1.81           | Soft            |
| Eredine                 | 3.10           | 0.50             | 9.79                   | 0.69          | 0.98           | 0.55           | Soft            |
| Fair Isle Shetland      | 62.30          | 14.40            | 214.65                 | 15.06         | 21.47          | 12.03          | Moderately Hard |
| Fetlar                  | 3.60           | 8.00             | 41.88                  | 2.94          | 4.19           | 2.35           | Soft            |
| Finlas                  | 4.45           | 1.00             | 15.21                  | 1.07          | 1.52           | 0.85           | Soft            |
| Forehill                | 34.09          | 6.84             | 113.16                 | 7.94          | 11.32          | 6.34           | Slightly Hard   |
| Forehill and Turriff    | 34.53          | 6.18             | 111.53                 | 7.82          | 11.15          | 6.25           | Slightly Hard   |
| Fort Augustus           | 7.00           | 2.65             | 28.36                  | 1.99          | 2.84           | 1.59           | Soft            |
| Fort William            | 25.73          | 2.20             | 73.23                  | 5.14          | 7.32           | 4.10           | Moderately Soft |
| Foula Shetland          | 25.90          | 7.00             | 93.40                  | 6.55          | 9.34           | 5.23           | Moderately Soft |
| Geocrab Western Isles   | 1.65           | 2.25             | 13.37                  | 0.94          | 1.34           | 0.75           | Soft            |
| Gigha                   | 10.65          | 3.88             | 42.51                  | 2.98          | 4.25           | 2.38           | Soft            |
| Glenconvinth            | 2.59           | 0.76             | 9.59                   | 0.67          | 0.96           | 0.54           | Soft            |
| Glencorse A             | 8.94           | 1.30             | 27.64                  | 1.94          | 2.76           | 1.55           | Soft            |
| Glencorse B             | 8.75           | 1.30             | 27.18                  | 1.91          | 2.72           | 1.52           | Soft            |
| Glencorse C             | 9.15           | 1.31             | 28.23                  | 1.98          | 2.82           | 1.58           | Soft            |
| Glencorse D             | 9.01           | 1.30             | 27.83                  | 1.95          | 2.78           | 1.56           | Soft            |
| Glendale Skye           | 4.85           | 3.58             | 26.80                  | 1.88          | 2.68           | 1.50           | Soft            |
| Glendevon A             | 14.76          | 2.09             | 45.42                  | 3.19          | 4.54           | 2.54           | Soft            |
| Glendevon B             | 15.48          | 2.19             | 47.61                  | 3.34          | 4.76           | 2.67           | Soft            |
| Glendevon/Glenfarg      | 18.34          | 3.08             | 58.40                  | 4.10          | 5.84           | 3.27           | Moderately Soft |
| Glenelg                 | 3.75           | 0.53             | 11.52                  | 0.81          | 1.15           | 0.65           | Soft            |
| Glenfarg                | 21.50          | 3.95             | 69.88                  | 4.90          | 6.99           | 3.92           | Moderately Soft |
| Glenfarg/Kinnesswood A  | 18.43          | 3.56             | 60.62                  | 4.25          | 6.06           | 3.40           | Moderately Soft |
| Glenfarg/Kinnesswood B  | 21.43          | 3.63             | 68.36                  | 4.80          | 6.84           | 3.83           | Moderately Soft |
| Glengap                 | 10.53          | 1.00             | 30.37                  | 2.13          | 3.04           | 1.70           | Soft            |
| Glenlatterach           | 32.05          | 1.30             | 85.31                  | 5.99          | 8.53           | 4.78           | Moderately Soft |
| Glenug                  | 3.10           | 0.80             | 11.02                  | 0.77          | 1.10           | 0.62           | Soft            |
| Govig Western Isles     | 3.20           | 2.50             | 18.26                  | 1.28          | 1.83           | 1.02           | Soft            |
| Greenock                | 13.91          | 1.04             | 38.98                  | 2.73          | 3.90           | 2.18           | Soft            |
| Herricks                | 22.01          | 4.18             | 72.09                  | 5.06          | 7.21           | 4.04           | Moderately Soft |
| Hopes                   | 14.08          | 4.78             | 54.75                  | 3.84          | 5.48           | 3.07           | Moderately Soft |
| Howden                  | 13.33          | 4.01             | 49.75                  | 3.49          | 4.97           | 2.79           | Soft            |
| Hoy Calder              | 27.73          | 5.86             | 93.28                  | 6.54          | 9.33           | 5.23           | Moderately Soft |
| Hushinish Western Isles | 20.00          | 2.80             | 61.41                  | 4.31          | 6.14           | 3.44           | Moderately Soft |
| Inchlaggan              | 2.20           | 0.30             | 6.72                   | 0.47          | 0.67           | 0.38           | Soft            |
| Innerleithen            | 31.50          | 7.48             | 109.33                 | 7.67          | 10.93          | 6.13           | Slightly Hard   |
| Inverary                | 1.40           | 0.63             | 6.06                   | 0.43          | 0.61           | 0.34           | Soft            |
| Invercarnie             | 7.53           | 1.25             | 23.91                  | 1.68          | 2.39           | 1.34           | Soft            |

| Supply zone                   | Calcium mgCa/l | Magnesium mgMg/l | Hardness as mg/l CaCo3 | Clark degrees | French degrees | German degrees | Hardness level   |
|-------------------------------|----------------|------------------|------------------------|---------------|----------------|----------------|------------------|
| Invergarry                    | 1.85           | 0.28             | 5.75                   | 0.40          | 0.57           | 0.32           | Soft             |
| Invermoriston                 | 8.10           | 0.73             | 23.19                  | 1.63          | 2.32           | 1.30           | Soft             |
| Inverness                     | 10.51          | 1.21             | 31.21                  | 2.19          | 3.12           | 1.75           | Soft             |
| Kaim Lochwinnoch              | 19.98          | 1.03             | 54.05                  | 3.79          | 5.41           | 3.03           | Moderately Soft  |
| Kenmore                       | 31.03          | 6.03             | 102.18                 | 7.17          | 10.22          | 5.73           | Slightly Hard    |
| Kettleton                     | 11.08          | 4.20             | 44.90                  | 3.15          | 4.49           | 2.52           | Soft             |
| Kilberry                      | 9.20           | 3.70             | 38.17                  | 2.68          | 3.82           | 2.14           | Soft             |
| Kilchoan                      | 5.48           | 3.15             | 26.61                  | 1.87          | 2.66           | 1.49           | Soft             |
| Killicrankie                  | 20.15          | 1.49             | 56.39                  | 3.96          | 5.64           | 3.16           | Moderately Soft  |
| Killin                        | 13.20          | 0.85             | 36.43                  | 2.56          | 3.64           | 2.04           | Soft             |
| Killyour                      | 8.25           | 1.33             | 26.03                  | 1.83          | 2.60           | 1.46           | Soft             |
| Kilmaluag Skye                | 7.60           | 3.10             | 31.71                  | 2.22          | 3.17           | 1.78           | Soft             |
| Kilmelford                    | 5.98           | 1.08             | 19.33                  | 1.36          | 1.93           | 1.08           | Soft             |
| Kilmuir Skye                  | 16.03          | 6.03             | 64.76                  | 4.54          | 6.48           | 3.63           | Moderately Soft  |
| Kinloch Rannoch               | 5.28           | 1.23             | 18.20                  | 1.28          | 1.82           | 1.02           | Soft             |
| Kinlochbervie                 | 2.70           | 1.10             | 11.26                  | 0.79          | 1.13           | 0.63           | Soft             |
| Kinlochewe                    | 1.65           | 0.38             | 5.66                   | 0.40          | 0.57           | 0.32           | Soft             |
| Kinlochleven                  | 3.10           | 0.30             | 8.97                   | 0.63          | 0.90           | 0.50           | Soft             |
| Kirbister Orkney              | 30.09          | 9.19             | 112.85                 | 7.92          | 11.28          | 6.32           | Slightly Hard    |
| Kirkmichael                   | 4.78           | 1.53             | 18.18                  | 1.28          | 1.82           | 1.02           | Soft             |
| Kyle of Lochalsh              | 5.08           | 2.70             | 23.76                  | 1.67          | 2.38           | 1.33           | Soft             |
| Kylesku                       | 1.10           | 0.50             | 4.80                   | 0.34          | 0.48           | 0.27           | Soft             |
| Laggan Bridge                 | 27.90          | 1.90             | 77.42                  | 5.43          | 7.74           | 4.34           | Moderately Soft  |
| Laid                          | 1.50           | 5.90             | 28.00                  | 1.96          | 2.80           | 1.57           | Soft             |
| Larchfield                    | 37.81          | 18.56            | 170.67                 | 11.97         | 17.07          | 9.56           | Moderately Hard  |
| Lerwick Shetland              | 17.85          | 4.76             | 64.12                  | 4.50          | 6.41           | 3.59           | Moderately Soft  |
| Lintrathen                    | 8.26           | 1.35             | 26.17                  | 1.84          | 2.62           | 1.47           | Soft             |
| Lismore Primary School        | 121.80         | 3.70             | 319.11                 | 22.39         | 31.91          | 17.88          | Hard             |
| Loch Eck                      | 7.79           | 0.94             | 23.28                  | 1.63          | 2.33           | 1.30           | Soft             |
| Lochaline                     | 11.60          | 2.73             | 40.15                  | 2.82          | 4.01           | 2.25           | Soft             |
| Lochcarron                    | 4.00           | 1.23             | 15.02                  | 1.05          | 1.50           | 0.84           | Soft             |
| Lochearnhead                  | 4.58           | 0.70             | 14.29                  | 1.00          | 1.43           | 0.80           | Soft             |
| Lochenkit                     | 7.70           | 1.35             | 24.76                  | 1.74          | 2.48           | 1.39           | Soft             |
| Lochgoilhead                  | 2.70           | 0.38             | 8.28                   | 0.58          | 0.83           | 0.46           | Soft             |
| Lochinvar                     | 9.18           | 1.44             | 28.80                  | 2.02          | 2.88           | 1.61           | Soft             |
| Lochinver                     | 5.58           | 2.23             | 23.06                  | 1.62          | 2.31           | 1.29           | Soft             |
| Lochmaddy Western Isles       | 2.10           | 2.45             | 15.31                  | 1.07          | 1.53           | 0.86           | Soft             |
| Lochranza Arran               | 2.80           | 0.30             | 8.22                   | 0.58          | 0.82           | 0.46           | Soft             |
| Lomond Hills                  | 19.80          | 5.55             | 72.22                  | 5.07          | 7.22           | 4.05           | Moderately Soft  |
| Lomond Hills BH Mix           | 25.33          | 14.48            | 122.71                 | 8.61          | 12.27          | 6.88           | Slightly Hard    |
| Lumsden                       | 31.20          | 3.10             | 90.59                  | 6.36          | 9.06           | 5.08           | Moderately Soft  |
| Mallaig                       | 2.68           | 1.68             | 13.56                  | 0.95          | 1.36           | 0.76           | Soft             |
| Mannofield East               | 10.95          | 1.58             | 33.80                  | 2.37          | 3.38           | 1.89           | Soft             |
| Mannofield North              | 9.89           | 1.36             | 30.27                  | 2.12          | 3.03           | 1.70           | Soft             |
| Mannofield South              | 9.63           | 1.35             | 29.57                  | 2.07          | 2.96           | 1.66           | Soft             |
| Mannofield West               | 10.53          | 1.64             | 32.99                  | 2.31          | 3.30           | 1.85           | Soft             |
| Manse St                      | 11.65          | 4.54             | 47.72                  | 3.35          | 4.77           | 2.67           | Soft             |
| Marchbank A                   | 5.28           | 0.89             | 16.81                  | 1.18          | 1.68           | 0.94           | Soft             |
| Marchbank B                   | 4.99           | 0.95             | 16.35                  | 1.15          | 1.64           | 0.92           | Soft             |
| Meavaig Western Isles         | 5.00           | 2.80             | 23.99                  | 1.68          | 2.40           | 1.34           | Soft             |
| Milngavie C1                  | 5.64           | 0.68             | 16.84                  | 1.18          | 1.68           | 0.94           | Soft             |
| Milngavie C2                  | 4.95           | 0.68             | 15.13                  | 1.06          | 1.51           | 0.85           | Soft             |
| Milngavie C3                  | 5.40           | 0.71             | 16.40                  | 1.15          | 1.64           | 0.92           | Soft             |
| Milngavie C4                  | 5.36           | 0.70             | 16.26                  | 1.14          | 1.63           | 0.91           | Soft             |
| Milngavie M1                  | 5.70           | 0.73             | 17.20                  | 1.21          | 1.72           | 0.96           | Soft             |
| Milngavie M2                  | 5.50           | 0.70             | 16.60                  | 1.16          | 1.66           | 0.93           | Soft             |
| Milngavie M3                  | 5.51           | 0.69             | 16.58                  | 1.16          | 1.66           | 0.93           | Soft             |
| Milngavie M4C                 | 5.44           | 0.70             | 16.44                  | 1.15          | 1.64           | 0.92           | Soft             |
| Milngavie M5 Drumchapel North | 4.74           | 0.63             | 14.39                  | 1.01          | 1.44           | 0.81           | Soft             |
| Milngavie M5 Drumchapel South | 4.65           | 0.64             | 14.22                  | 1.00          | 1.42           | 0.80           | Soft             |
| Milngavie M5 Renfrew          | 5.38           | 0.73             | 16.39                  | 1.15          | 1.64           | 0.92           | Soft             |
| Milngavie South Moorhouse     | 13.55          | 1.20             | 38.74                  | 2.72          | 3.87           | 2.17           | Soft             |
| Moffat                        | 24.90          | 9.40             | 100.78                 | 7.07          | 10.08          | 5.65           | Slightly Hard    |
| Muirdykes                     | 14.43          | 3.89             | 51.98                  | 3.65          | 5.20           | 2.91           | Moderately Soft  |
| Ness Western Isles            | 0.88           | 1.88             | 9.89                   | 0.69          | 0.99           | 0.55           | Soft             |
| Newcastleton                  | 59.90          | 20.33            | 233.03                 | 16.35         | 23.30          | 13.06          | Moderately Hard  |
| Newmore                       | 1.98           | 0.78             | 8.11                   | 0.57          | 0.81           | 0.45           | Soft             |
| Newmore B                     | 1.83           | 0.73             | 7.53                   | 0.53          | 0.75           | 0.42           | Soft             |
| North Hoy Orkney              | 6.60           | 3.60             | 31.27                  | 2.19          | 3.13           | 1.75           | Soft             |
| North Lochs                   | 1.35           | 1.15             | 8.10                   | 0.57          | 0.81           | 0.45           | Soft             |
| North Ronaldsay Orkney        | 111.20         | 26.90            | 388.06                 | 27.22         | 38.81          | 21.74          | Excessively Hard |
| Osedale Skye                  | 7.63           | 3.05             | 31.57                  | 2.21          | 3.16           | 1.77           | Soft             |
| Oykel Bridge                  | 62.10          | 5.30             | 176.73                 | 12.40         | 17.67          | 9.90           | Moderately Hard  |
| Papa Stour Shetland           | 10.50          | 7.50             | 57.04                  | 4.00          | 5.70           | 3.20           | Moderately Soft  |

| Supply zone                  | Calcium mgCa/l | Magnesium mgMg/l | Hardness as mg/l CaCO3 | Clark degrees | French degrees | German degrees | Hardness level  |
|------------------------------|----------------|------------------|------------------------|---------------|----------------|----------------|-----------------|
| Pateshill                    | 19.10          | 2.03             | 55.98                  | 3.93          | 5.60           | 3.14           | Moderately Soft |
| Penwhapple                   | 19.14          | 2.81             | 59.31                  | 4.16          | 5.93           | 3.32           | Moderately Soft |
| Penwhirn                     | 14.54          | 1.46             | 42.28                  | 2.97          | 4.23           | 2.37           | Soft            |
| Perth                        | 18.43          | 2.15             | 54.81                  | 3.85          | 5.48           | 3.07           | Moderately Soft |
| Picketlaw                    | 21.00          | 1.54             | 58.72                  | 4.12          | 5.87           | 3.29           | Moderately Soft |
| Picketlaw/South Moorhouse    | 20.10          | 1.49             | 56.27                  | 3.95          | 5.63           | 3.15           | Moderately Soft |
| Poolewe                      | 1.63           | 0.98             | 8.06                   | 0.57          | 0.81           | 0.45           | Soft            |
| Port Charlotte Islay         | 4.23           | 2.73             | 21.75                  | 1.53          | 2.17           | 1.22           | Soft            |
| Portree Torvaig Skye         | 9.45           | 1.10             | 28.10                  | 1.97          | 2.81           | 1.57           | Soft            |
| Raasay Skye                  | 6.25           | 1.88             | 23.30                  | 1.63          | 2.33           | 1.31           | Soft            |
| Rawburn                      | 17.58          | 4.55             | 62.56                  | 4.39          | 6.26           | 3.51           | Moderately Soft |
| Rhenigidale Western Isles    | 4.00           | 1.00             | 14.09                  | 0.99          | 1.41           | 0.79           | Soft            |
| Ringford                     | 18.00          | 3.90             | 60.95                  | 4.28          | 6.09           | 3.41           | Moderately Soft |
| Roberton                     | 18.69          | 3.91             | 62.71                  | 4.40          | 6.27           | 3.51           | Moderately Soft |
| Rosebery A                   | 8.99           | 1.88             | 30.13                  | 2.11          | 3.01           | 1.69           | Soft            |
| Rosebery B                   | 8.51           | 1.68             | 28.13                  | 1.97          | 2.81           | 1.58           | Soft            |
| Rosebery/Castle Moffat       | 19.45          | 5.08             | 69.40                  | 4.87          | 6.94           | 3.89           | Moderately Soft |
| Rosebery/Hopes               | 8.69           | 1.80             | 29.08                  | 2.04          | 2.91           | 1.63           | Soft            |
| Rousay School Orkney         | 66.00          | 27.20            | 276.52                 | 19.40         | 27.65          | 15.49          | Hard            |
| Saddell                      | 30.80          | 9.00             | 113.85                 | 7.99          | 11.39          | 6.38           | Slightly Hard   |
| Sanday Orkney                | 39.48          | 16.48            | 166.24                 | 11.66         | 16.62          | 9.31           | Moderately Hard |
| Sanna                        | 8.00           | 5.00             | 40.52                  | 2.84          | 4.05           | 2.27           | Soft            |
| Savelbeg                     | 2.48           | 1.53             | 12.45                  | 0.87          | 1.24           | 0.70           | Soft            |
| Scourie                      | 3.43           | 2.68             | 19.54                  | 1.37          | 1.95           | 1.10           | Soft            |
| Shieldaig                    | 2.55           | 0.75             | 9.45                   | 0.66          | 0.94           | 0.53           | Soft            |
| Skerries Shetland            | 9.40           | 7.10             | 52.65                  | 3.69          | 5.26           | 2.95           | Moderately Soft |
| South Hoy Orkney             | 4.85           | 3.85             | 27.93                  | 1.96          | 2.79           | 1.56           | Soft            |
| South Moorhouse              | 16.95          | 1.55             | 48.66                  | 3.41          | 4.87           | 2.73           | Soft            |
| South Uist Western Isles     | 2.18           | 2.50             | 15.71                  | 1.10          | 1.57           | 0.88           | Soft            |
| Spynie                       | 29.00          | 1.68             | 79.24                  | 5.56          | 7.92           | 4.44           | Moderately Soft |
| Staffin Skye                 | 12.30          | 1.83             | 38.19                  | 2.68          | 3.82           | 2.14           | Soft            |
| Stoer                        | 11.18          | 3.38             | 41.76                  | 2.93          | 4.18           | 2.34           | Soft            |
| Stornoway North Lochs        | 2.00           | 2.26             | 14.29                  | 1.00          | 1.43           | 0.80           | Soft            |
| Stornoway Western Isles      | 1.00           | 1.48             | 8.56                   | 0.60          | 0.86           | 0.48           | Soft            |
| Strathyre                    | 5.35           | 0.95             | 17.25                  | 1.21          | 1.73           | 0.97           | Soft            |
| Stronsay Orkney              | 78.08          | 22.00            | 285.26                 | 20.01         | 28.53          | 15.98          | Hard            |
| Strontian                    | 3.68           | 0.78             | 12.36                  | 0.87          | 1.24           | 0.69           | Soft            |
| Suainaval Western Isles      | 1.68           | 1.68             | 11.07                  | 0.78          | 1.11           | 0.62           | Soft            |
| Tarbert Argyll               | 1.28           | 0.88             | 6.78                   | 0.48          | 0.68           | 0.38           | Soft            |
| Tarbert Western Isles        | 1.35           | 1.88             | 11.08                  | 0.78          | 1.11           | 0.62           | Soft            |
| Taynuilt                     | 3.45           | 0.53             | 10.77                  | 0.76          | 1.08           | 0.60           | Soft            |
| Teangue Skye                 | 2.85           | 1.23             | 12.15                  | 0.85          | 1.21           | 0.68           | Soft            |
| Terregles                    | 29.78          | 13.89            | 131.39                 | 9.22          | 13.14          | 7.36           | Slightly Hard   |
| Tighnabruaich                | 5.90           | 1.23             | 19.76                  | 1.39          | 1.98           | 1.11           | Soft            |
| Tiree                        | 112.65         | 11.85            | 329.79                 | 23.14         | 32.98          | 18.48          | Hard            |
| Tobermory Mull               | 3.53           | 2.43             | 18.77                  | 1.32          | 1.88           | 1.05           | Soft            |
| Tolsta Western Isles         | 0.90           | 1.55             | 8.62                   | 0.60          | 0.86           | 0.48           | Soft            |
| Tomatin                      | 7.78           | 3.13             | 32.25                  | 2.26          | 3.22           | 1.81           | Soft            |
| Tomich                       | 14.20          | 7.28             | 65.34                  | 4.58          | 6.53           | 3.66           | Moderately Soft |
| Tomnavoulin                  | 10.45          | 2.85             | 37.79                  | 2.65          | 3.78           | 2.12           | Soft            |
| Torra Islay                  | 1.70           | 1.58             | 10.72                  | 0.75          | 1.07           | 0.60           | Soft            |
| Torrison                     | 16.60          | 1.50             | 47.59                  | 3.34          | 4.76           | 2.67           | Soft            |
| Tullich                      | 15.04          | 2.86             | 49.29                  | 3.46          | 4.93           | 2.76           | Soft            |
| Turret A                     | 5.58           | 1.09             | 18.38                  | 1.29          | 1.84           | 1.03           | Soft            |
| Turret B                     | 4.86           | 1.09             | 16.60                  | 1.16          | 1.66           | 0.93           | Soft            |
| Turret C                     | 4.14           | 1.28             | 15.57                  | 1.09          | 1.56           | 0.87           | Soft            |
| Turret/Balmore/Carron Valley | 10.48          | 1.06             | 30.50                  | 2.14          | 3.05           | 1.71           | Soft            |
| Turriff                      | 28.59          | 5.33             | 93.22                  | 6.54          | 9.32           | 5.22           | Moderately Soft |
| Tyndrum                      | 8.05           | 0.65             | 22.76                  | 1.60          | 2.28           | 1.28           | Soft            |
| Ullapool                     | 5.65           | 1.93             | 22.01                  | 1.54          | 2.20           | 1.23           | Soft            |
| Unst                         | 5.25           | 6.33             | 39.11                  | 2.74          | 3.91           | 2.19           | Soft            |
| Watnish Skye                 | 8.85           | 5.40             | 44.29                  | 3.11          | 4.43           | 2.48           | Soft            |
| West Lewis Western Isles     | 2.13           | 3.43             | 19.39                  | 1.36          | 1.94           | 1.09           | Soft            |
| Westray Orkney               | 48.83          | 17.33            | 193.06                 | 13.54         | 19.31          | 10.82          | Moderately Hard |
| Whalsay Shetland             | 4.30           | 5.40             | 32.93                  | 2.31          | 3.29           | 1.85           | Soft            |
| Whitehilllocks               | 11.78          | 0.61             | 31.90                  | 2.24          | 3.19           | 1.79           | Soft            |
| Winterhope                   | 7.20           | 3.80             | 33.59                  | 2.36          | 3.36           | 1.88           | Soft            |
| Yarrowfeus                   | 12.10          | 3.30             | 43.76                  | 3.07          | 4.38           | 2.45           | Soft            |
| Yell Shetland                | 5.85           | 6.83             | 42.66                  | 2.99          | 4.27           | 2.39           | Soft            |