

# Massachusetts Water Resources Authority

## Monthly and Year-to-Date Water Use Comparisons

**Reporting Period: July 2011**

ALL DATA SUBJECT TO CHANGE OR ADJUSTMENT PENDING ADDITIONAL MWRA AND COMMUNITY REVIEW

**Prior Year-End  
Totals**

|   | Monthly        |                |               | YTD            |                |              | YTD                     |             |                          | CY10           |                         |
|---|----------------|----------------|---------------|----------------|----------------|--------------|-------------------------|-------------|--------------------------|----------------|-------------------------|
|   | Flow mgd       |                | Flow Change   | Flow mgd       |                | Flow Change  | Flow Share <sup>1</sup> |             | Change in YTD Flow Share | Ave. Flow mgd  | Flow Share <sup>1</sup> |
|   | Jul-11         | Jul-10         |               | CY11           | CY10           |              | CY11                    | CY10        |                          |                |                         |
| <b>Metro-System Customers</b>                     |                |                |               |                |                |              |                         |             |                          |                |                         |
| Arlington   | 5.232          | 5.186          | 0.9%          | 4.398          | 3.993          | 10.2%        | 2.4%                    | 2.2%        | 11.7%                    | 4.079          | 2.2%                    |
| Belmont   | 2.647          | 3.001          | -11.8%        | 2.010          | 2.305          | -12.8%       | 1.1%                    | 1.3%        | -11.6%                   | 2.236          | 1.2%                    |
| Boston (BWSC)                                     | 73.581         | 75.124         | -2.1%         | 64.630         | 66.184         | -2.3%        | 35.9%                   | 36.3%       | -1.0%                    | 66.048         | 36.1%                   |
| Brookline   | 6.535          | 6.478          | 0.9%          | 5.141          | 5.153          | -0.2%        | 2.9%                    | 2.8%        | 1.1%                     | 5.134          | 2.8%                    |
| Canton (P)  | 2.691          | 3.578          | -24.8%        | 1.985          | 2.509          | -20.9%       | 1.1%                    | 1.4%        | -19.8%                   | 2.198          | 1.2%                    |
| Chelsea   | 3.418          | 3.416          | 0.1%          | 3.039          | 3.032          | 0.3%         | 1.69%                   | 1.66%       | 1.6%                     | 3.032          | 1.66%                   |
| Dedham-Westwood W.D. (P)                          | 0.1219         | 0.2591         | -53.0%        | 0.019          | 0.039          | -51.2%       | 0.01%                   | 0.02%       | -50.5%                   | 0.047          | 0.0256%                 |
| Everett   | 4.360          | 4.782          | -8.8%         | 3.969          | 4.231          | -6.2%        | 2.2%                    | 2.3%        | -4.9%                    | 4.125          | 2.3%                    |
| Framingham  | 8.385          | 9.208          | -8.9%         | 6.762          | 6.780          | -0.3%        | 3.8%                    | 3.7%        | 1.1%                     | 6.805          | 3.7%                    |
| Leominster (P)                                    | 0.000          | 0.000          | 0.0%          | 0.000          | 0.000          | 0.0%         | 0.0%                    | 0.0%        | 0.0%                     | 0.000          | 0.0%                    |
| Lexington <sup>2</sup>                            | 7.455          | 7.796          | -4.4%         | 4.824          | 4.894          | -1.4%        | 2.7%                    | 2.7%        | -0.1%                    | 5.010          | 2.7%                    |
| Lynn (LWSC) (P)                                   | 0.194          | 0.195          | -0.3%         | 0.232          | 0.181          | 27.7%        | 0.1%                    | 0.1%        | 29.4%                    | 0.201          | 0.1%                    |
| Lynnfield W.D.                                    | 0.654          | 0.766          | -14.6%        | 0.383          | 0.407          | -5.8%        | 0.2%                    | 0.2%        | -4.5%                    | 0.421          | 0.2%                    |
| Malden  | 5.804          | 5.877          | -1.3%         | 5.463          | 5.299          | 3.1%         | 3.0%                    | 2.9%        | 4.5%                     | 5.385          | 2.9%                    |
| Marblehead  | 2.657          | 3.103          | -14.4%        | 1.666          | 1.826          | -8.7%        | 0.9%                    | 1.0%        | -7.5%                    | 1.815          | 1.0%                    |
| Marlborough (P)                                   | 4.188          | 4.975          | -15.8%        | 2.794          | 2.298          | 21.6%        | 1.6%                    | 1.3%        | 23.3%                    | 2.943          | 1.6%                    |
| Medford   | 5.620          | 5.731          | -1.9%         | 5.124          | 5.048          | 1.5%         | 2.9%                    | 2.8%        | 2.9%                     | 5.023          | 2.7%                    |
| Melrose   | 2.841          | 2.987          | -4.9%         | 2.211          | 2.253          | -1.8%        | 1.2%                    | 1.2%        | -0.5%                    | 2.260          | 1.2%                    |
| Milton  | 3.419          | 3.156          | 8.4%          | 2.481          | 2.400          | 3.3%         | 1.4%                    | 1.3%        | 4.8%                     | 2.362          | 1.3%                    |
| Nahant  | 0.470          | 0.555          | -15.2%        | 0.285          | 0.313          | -9.0%        | 0.2%                    | 0.2%        | -7.7%                    | 0.321          | 0.2%                    |
| Needham (P)                                       | 2.521          | 1.810          | 39.3%         | 0.939          | 0.489          | 91.8%        | 0.5%                    | 0.3%        | 94.4%                    | 0.605          | 0.3%                    |
| Newton  | 11.285         | 11.676         | -3.4%         | 8.798          | 8.848          | -0.6%        | 4.9%                    | 4.9%        | 0.8%                     | 8.873          | 4.9%                    |
| Northborough (P)                                  | 1.057          | 1.056          | 0.1%          | 0.754          | 0.723          | 4.3%         | 0.4%                    | 0.4%        | 5.8%                     | 0.742          | 0.4%                    |
| Norwood   | 3.708          | 4.008          | -7.5%         | 3.205          | 3.102          | 3.3%         | 1.8%                    | 1.7%        | 4.7%                     | 3.156          | 1.7%                    |
| Peabody (P)                                       | 2.264          | 2.354          | -3.8%         | 0.723          | 0.716          | 0.9%         | 0.4%                    | 0.4%        | 2.3%                     | 0.661          | 0.4%                    |
| Quincy  | 10.123         | 11.152         | -9.2%         | 8.983          | 9.307          | -3.5%        | 5.0%                    | 5.1%        | -2.2%                    | 9.232          | 5.1%                    |
| Reading   | 2.161          | 2.405          | -10.1%        | 1.698          | 1.782          | -4.7%        | 0.9%                    | 1.0%        | -3.4%                    | 1.758          | 1.0%                    |
| Revere  | 4.620          | 4.819          | -4.1%         | 3.953          | 4.239          | -6.7%        | 2.2%                    | 2.3%        | -5.5%                    | 4.127          | 2.3%                    |
| Saugus  | 3.639          | 3.911          | -6.9%         | 2.946          | 2.951          | -0.2%        | 1.6%                    | 1.6%        | 1.2%                     | 2.873          | 1.6%                    |
| Somerville  | 5.855          | 6.144          | -4.7%         | 5.692          | 5.864          | -2.9%        | 3.2%                    | 3.2%        | -1.6%                    | 5.818          | 3.2%                    |
| Southborough                                      | 1.549          | 1.991          | -22.2%        | 0.863          | 1.007          | -14.3%       | 0.5%                    | 0.6%        | -13.1%                   | 1.022          | 0.6%                    |
| Stoneham  | 3.555          | 3.855          | -7.8%         | 2.856          | 2.905          | -1.7%        | 1.6%                    | 1.6%        | -0.3%                    | 2.855          | 1.6%                    |
| Stoughton (P)                                     | 0.590          | 0.790          | -25.4%        | 0.621          | 0.589          | 5.5%         | 0.3%                    | 0.3%        | 6.9%                     | 0.623          | 0.3%                    |
| Swampscott  | 1.976          | 2.082          | -5.1%         | 1.500          | 1.433          | 4.7%         | 0.8%                    | 0.8%        | 6.1%                     | 1.463          | 0.8%                    |
| Wakefield (P)                                     | 1.892          | 1.847          | 2.5%          | 1.539          | 1.419          | 8.4%         | 0.9%                    | 0.8%        | 9.9%                     | 1.466          | 0.8%                    |
| Waltham   | 9.060          | 9.841          | -7.9%         | 7.325          | 7.751          | -5.5%        | 4.1%                    | 4.3%        | -4.2%                    | 7.637          | 4.2%                    |
| Watertown   | 3.148          | 3.119          | 0.9%          | 2.659          | 2.644          | 0.6%         | 1.5%                    | 1.5%        | 2.0%                     | 2.638          | 1.4%                    |
| Wellesley (P)                                     | 1.805          | 2.237          | -19.3%        | 0.893          | 0.914          | -2.3%        | 0.5%                    | 0.5%        | -1.0%                    | 1.035          | 0.6%                    |
| Weston  | 3.330          | 3.599          | -7.5%         | 1.516          | 1.576          | -3.8%        | 0.8%                    | 0.9%        | -2.4%                    | 1.738          | 1.0%                    |
| Wilmington (P)                                    | 0.338          | 1.332          | -74.6%        | 0.409          | 0.431          | -5.2%        | 0.2%                    | 0.2%        | -3.9%                    | 0.490          | 0.3%                    |
| Winchester (P)                                    | 1.970          | 2.147          | -8.3%         | 0.832          | 0.901          | -7.6%        | 0.5%                    | 0.5%        | -6.3%                    | 1.007          | 0.6%                    |
| Winthrop  | 1.496          | 1.459          | 2.5%          | 1.265          | 1.202          | 5.3%         | 0.7%                    | 0.7%        | 6.7%                     | 1.230          | 0.7%                    |
| Woburn (P)  | 5.163          | 5.184          | -0.4%         | 2.395          | 2.311          | 3.7%         | 1.3%                    | 1.3%        | 5.1%                     | 2.277          | 1.2%                    |
| <b>Subtotal Metro-System</b>                      | <b>223.381</b> | <b>234.992</b> | <b>-4.9%</b>  | <b>179.781</b> | <b>182.248</b> | <b>-1.4%</b> | <b>100%</b>             | <b>100%</b> |                          | <b>182.771</b> | <b>100%</b>             |
| <b>Chicopee Valley Aqueduct</b>                   |                |                |               |                |                |              |                         |             |                          |                |                         |
| Chicopee  | 7.513          | 7.851          | -4.3%         | 5.338          | 5.917          | -9.8%        | 70.3%                   | 70.7%       | -0.6%                    | 5.771          | 70.1%                   |
| South Hadley FD #1                                | 1.790          | 1.929          | -7.2%         | 1.162          | 1.249          | -7.0%        | 15.3%                   | 14.9%       | 2.5%                     | 1.250          | 15.2%                   |
| Wilbraham   | 1.771          | 2.080          | -14.9%        | 1.095          | 1.198          | -8.6%        | 14.4%                   | 14.3%       | 0.6%                     | 1.210          | 14.7%                   |
| <b>Subtotal CVA System</b>                        | <b>11.074</b>  | <b>11.860</b>  | <b>-6.6%</b>  | <b>7.595</b>   | <b>8.363</b>   | <b>-9.2%</b> | <b>100%</b>             | <b>100%</b> |                          | <b>8.231</b>   | <b>100%</b>             |
| <b>Other Revenue Supply</b>                       |                |                |               |                |                |              |                         |             |                          |                |                         |
| Cambridge (P)                                     | 0.000          | 0.000          | 0.0%          | 0.000          | 0.000          | 0.0%         |                         |             |                          | 0.000          |                         |
| Clinton <sup>3</sup>                              | 2.611          | 2.481          | 5.2%          | 1.927          | 1.876          | 2.7%         |                         |             |                          | 1.879          |                         |
| Worcester (P)                                     | 0.000          | 0.000          | 0.0%          | 0.000          | 0.000          | 0.0%         |                         |             |                          | 0.000          |                         |
| <b>Other Revenue Customers <sup>4</sup></b>       | <b>1.714</b>   | <b>1.741</b>   | <b>-1.6%</b>  | <b>1.496</b>   | <b>1.631</b>   | <b>-8.3%</b> |                         |             |                          | <b>1.580</b>   |                         |
| <b>Subtotal Other Revenue Supply <sup>5</sup></b> | <b>4.325</b>   | <b>4.222</b>   | <b>2.4%</b>   | <b>3.423</b>   | <b>3.507</b>   | <b>-2.4%</b> |                         |             |                          | <b>3.458</b>   |                         |
| <b>Total Water Supplied</b>                       |                |                |               |                |                |              |                         |             |                          |                |                         |
| <b>Fully Supplied Metro Communities</b>           | <b>198.586</b> | <b>207.228</b> | <b>-4.2%</b>  | <b>165.647</b> | <b>168.727</b> | <b>-1.8%</b> |                         |             |                          | <b>168.477</b> |                         |
| <b>Communities</b>                                | <b>11.074</b>  | <b>11.860</b>  | <b>-6.6%</b>  | <b>7.595</b>   | <b>8.363</b>   | <b>-9.2%</b> |                         |             |                          | <b>8.231</b>   |                         |
| <b>Partially Supplied Communities</b>             | <b>24.795</b>  | <b>27.764</b>  | <b>-10.7%</b> | <b>14.135</b>  | <b>13.521</b>  | <b>4.5%</b>  |                         |             |                          | <b>14.293</b>  |                         |
| <b>Other Revenue Customers</b>                    | <b>4.325</b>   | <b>4.222</b>   | <b>2.4%</b>   | <b>3.423</b>   | <b>3.507</b>   | <b>-2.4%</b> |                         |             |                          | <b>3.458</b>   |                         |
| <b>Total Water Supplied <sup>6</sup></b>          | <b>238.780</b> | <b>251.075</b> | <b>-4.9%</b>  | <b>190.799</b> | <b>194.119</b> | <b>-1.7%</b> |                         |             |                          | <b>194.460</b> |                         |

1) Flow share for each rate revenue community is the community's share of total flow for all rate revenue communities. Flow share for each Chicopee Aqueduct Valley (CVA) community is each CVA community's share of total CVA flow. Water assessments for revenue communities are calculated by allocating the total annual water rate revenue requirement based on each community's share of flow. Water assessments for CVA communities are calculated by allocating the annual CVA rate revenue requirement based on each CVA community's share of CVA flow.

2) Lexington supplies Bedford with partial MWRA water service.

3) The Town of Clinton receives up to 800 million gallons of water per year free of charge and is charged a flat wholesale rate per million gallons for water in excess of 800 million gallons per year.

4) Other Revenue Customers: Fernald School (State), D.C.R. (Parks & Pools), Stone Zoo, Deer Island WWTP and Westborough State Hospital.

5) Other Revenue Customers are charged a flat wholesale rate per million gallons of water supplied.

6) This report includes only water supplied for which revenue is collected in accordance with existing user agreements. It does not include water utilized for system maintenance.

(P) Community is partially supplied by MWRA.

Question's regarding water supplied can be directed to David Liston @ (617) 305-5853 or Leo Norton @ (617) 788-2256.