

| $1/h$ | $\ \mathbf{u} - \mathbf{u}^*\ _0$ | rate | $ W - W^* $ | $ \phi - \phi^* $ |
|--|-----------------------------------|------|-------------|-------------------|
| Boussinesq approximation (BA) | | | | |
| 8 | 9.0721e-06 | - | | |
| 16 | 1.1103e-06 | 3.03 | | |
| 32 | 1.3806e-07 | 3.01 | | |
| 64 | 1.7242e-08 | 3.00 | | |
| Truncated anelastic liquid approximation (TALA), $a = 0$ | | | | |
| 8 | 1.2109e-05 | - | 4.5439e-07 | 2.2179e-07 |
| 16 | 1.4840e-06 | 3.03 | 2.9067e-08 | 1.4130e-08 |
| 32 | 1.8459e-07 | 3.01 | 1.6974e-09 | 5.5979e-10 |
| 64 | 2.3056e-08 | 3.00 | 6.2599e-11 | 2.9021e-10 |
| Truncated anelastic liquid approximation (TALA), $a = 2$ | | | | |
| 8 | 8.7973e-06 | - | 2.1267e-07 | 1.4399e-07 |
| 16 | 1.1207e-06 | 2.97 | 1.3707e-08 | 9.3239e-09 |
| 32 | 1.4078e-07 | 2.99 | 8.0734e-10 | 4.9389e-10 |
| 64 | 1.7638e-08 | 3.00 | 2.6633e-12 | 6.6108e-11 |