

Table 1 Ground displacement rates per year for three periods: 2012/1–2013/3, 1998/1–2000/1, and 2000/1–2002/1. The locations of GNSS sites are shown in the bottom. EW indicates east-west and NS indicates north-south.  $\sigma$  represents one standard deviation.

| station | period    | EW(m)  | NS(m)  | $\sigma$ (EW)(m) | $\sigma$ (NS)(m) |
|---------|-----------|--------|--------|------------------|------------------|
| 950449  | 2012–2013 | −0.032 | 0.014  | 0.004            | 0.004            |
|         | 1998–2000 | −0.028 | 0.018  | 0.004            | 0.003            |
|         | 2000–2002 | −0.030 | 0.020  | 0.003            | 0.005            |
| 950437  | 2012–2013 | −0.030 | 0.011  | 0.005            | 0.004            |
|         | 1998–2000 | −0.025 | 0.012  | 0.005            | 0.003            |
|         | 2000–2002 | −0.024 | 0.014  | 0.004            | 0.005            |
| 940090  | 2012–2013 | −0.020 | 0.002  | 0.004            | 0.005            |
|         | 1998–2000 | −0.015 | 0.002  | 0.005            | 0.003            |
|         | 2000–2002 | −0.018 | 0.008  | 0.004            | 0.004            |
| 950466  | 2012–2013 | −0.013 | −0.004 | 0.0042           | 0.005            |
|         | 1998–2000 | −0.004 | −0.005 | 0.003            | 0.003            |
|         | 2000–2002 | −0.009 | −0.003 | 0.003            | 0.003            |
| 960713  | 2012–2013 | −0.009 | −0.004 | 0.004            | 0.004            |
|         | 1998–2000 | −0.001 | −0.004 | 0.004            | 0.003            |
|         | 2000–2002 | −0.006 | −0.001 | 0.003            | 0.004            |
| 960715  | 2012–2013 | −0.005 | −0.007 | 0.005            | 0.005            |
|         | 1998–2000 | 0.006  | −0.012 | 0.004            | 0.004            |
|         | 2000–2002 | −0.000 | −0.004 | 0.004            | 0.006            |

