Table 1. Observed GPS near-fault velocities.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Site | Longitude（°） | Latitude（°） | Ve(Eurasia)（mm/a） | Vn(Eurasia)（mm/a） | σE（mm/a） | σN（mm/a） | Corr. |
| SHQX | 102.82 | 26.67 | 8.65 | -11 | 0.2 | 0.11 | -0.002 |
| SHTC | 102.84 | 26.52 | 8.44 | -10.3 | 0.5 | 0.4 | 0 |
| SHXJ | 102.76 | 26.81 | 10.67 | -12.29 | 0.3 | 0.4 | 0 |
| SNDG | 102.61 | 27.12 | 11.79 | -8.88 | 0.3 | 0.2 | 0 |
| SNPS | 102.72 | 27.08 | 9.79 | -9.99 | 0.2 | 0.2 | -0.001 |
| SNXY | 102.78 | 26.88 | 8.67 | -10.79 | 0.2 | 0.2 | -0.001 |
| YDAW | 103.18 | 26.00 | 7.78 | -8.02 | 0.5 | 0.3 | 0 |
| YDTB | 103.03 | 26.38 | 7.82 | -10.71 | 0.4 | 0.4 | 0 |
| YDYM | 102.91 | 26.30 | 7.71 | -9.8 | 0.4 | 0.5 | 0 |
| YHCS | 103.27 | 26.19 | 7.7 | -5.64 | 0.7 | 0.5 | 0 |
| YHDH | 103.23 | 26.33 | 7.42 | -6.23 | 0.11 | 0.11 | -0.006 |
| YHDQ | 103.33 | 26.65 | 7.15 | -5.75 | 0.21 | 0.4 | -0.001 |
| YHJC | 103.39 | 26.00 | 8.58 | -4.55 | 1.1 | 0.8 | 0 |
| YHNG | 103.18 | 26.51 | 7.83 | -6.93 | 0.2 | 0.21 | -0.002 |
| YHXJ | 103.40 | 26.31 | 7.61 | -5.35 | 0.8 | 0.7 | 0 |
| YQBH | 102.92 | 27.00 | 8.18 | -7.71 | 0.2 | 0.2 | -0.001 |
| YQJT | 102.99 | 26.78 | 7.56 | -8.21 | 0.2 | 0.2 | -0.001 |
| YQLD | 103.19 | 26.96 | 7.38 | -6.83 | 0.2 | 0.11 | -0.004 |
| YXDS | 103.05 | 25.73 | 6.75 | -9.4 | 0.6 | 0.5 | 0 |
| YXGM | 103.18 | 25.73 | 7.35 | -7.32 | 0.6 | 0.4 | 0 |
| YXGY | 103.46 | 25.83 | 5.86 | -4.85 | 0.6 | 0.4 | 0 |
| YXHK | 103.48 | 25.68 | 6.04 | -4.95 | 0.5 | 0.4 | 0 |
| YXLH | 103.01 | 26.00 | 7.68 | -9.61 | 0.5 | 0.4 | 0 |
| YXQX | 103.41 | 25.50 | 6.92 | -4.54 | 0.6 | 0.5 | 0 |
| YXXF | 103.00 | 25.47 | 6.62 | -9.89 | 0.6 | 0.5 | 0 |