

| Station         | Type | Observed<br>amplitude<br><br>(‰) | ECHAM5-wiso<br>outputs for the<br>observed period<br><br>(‰) |
|-----------------|------|----------------------------------|--|
| Rothera*        | 1    | 10.7                             | 3.1  |
| Vernadsky*      | 1    | 11.8                             | 2.1  |
| Halley*         | 1    | 6.7                              | 3.8  |
| Marsh*          | 1    | 25.8                             | 4.5  |
| Neumayer        | 1    | 7.3                              | 5.3  |
| Dome F          | 1    | 40.1                             | 12.2   |
| Dome C          | 1    | 41.0                             | 25.4   |
| <i>NUS 08-7</i> | 2    | 3.5                              | 14.0   |
| <i>NUS 07-1</i> | 2    | 1.9                              | 15.8   |
| <i>WDC06A</i>   | 2    | 1.0                              | 16.5   |
| <i>IND25</i>    | 2    | 2.3                              | 11.7   |
| GIP             | 2    | 17.8                             | 6.9  |