## testcoverage (PyGeodesy 20.1.25 Python 3.7.6 64bit coverage 4.5.4 geographiclib 1.50 numpy 1.17.2 scipy 1.3.1 macOS 10.13.6 isLazy 1): 91%

| Module ↓                           | statements | missing | excluded | coverage |
|------------------------------------|------------|---------|----------|----------|
| pygeodesy/initpy                   | 107        | 3       | 3        | 97%      |
| pygeodesy/bases.py                 | 6          | 0       | 0        | 100%     |
| pygeodesy/cartesianBase.py         | 102        | 9       | 4        | 91%      |
| pygeodesy/clipy.py                 | 198        | 12      | 8        | 94%      |
| pygeodesy/css.py                   | 177        | 19      | 4        | 89%      |
| pygeodesy/datum.py                 | 405        | 34      | 24       | 92%      |
| pygeodesy/deprecated.py            | 77         | 0       | 0        | 100%     |
| pygeodesy/dms.py                   | 201        | 17      | 12       | 92%      |
| pygeodesy/ecef.py                  | 298        | 21      | 9        | 93%      |
| pygeodesy/elevations.py            | 72         | 7       | 19       | 90%      |
| pygeodesy/ellipsoidalBase.py       | 187        | 12      | 3        | 94%      |
| pygeodesy/ellipsoidalKarney.py     | 88         | 3       | 2        | 97%      |
| pygeodesy/ellipsoidalNvector.py    | 158        | 17      | 0        | 89%      |
| pygeodesy/ellipsoidalVincenty.py   | 148        | 4       | 5        | 97%      |
| pygeodesy/elliptic.py              | 328        | 38      | 17       | 88%      |
| pygeodesy/epsg.py                  | 92         | 4       | 5        | 96%      |
| pygeodesy/etm.py                   | 370        | 72      | 6        | 81%      |
| pygeodesy/fmath.py                 | 368        | 54      | 33       | 85%      |
| pygeodesy/formy.py                 | 109        | 8       | 5        | 93%      |
| pygeodesy/frechet.py               | 171        | 15      | 8        | 91%      |
| pygeodesy/gars.py                  | 158        | 8       | 10       | 95%      |
| pygeodesy/geohash.py               | 240        | 10      | 12       | 96%      |
| pygeodesy/geoids.py                | 633        | 60      | 68       | 91%      |
| pygeodesy/hausdorff.py             | 184        | 18      | 6        | 90%      |
| pygeodesy/heights.py               | 286        | 25      | 31       | 91%      |
| pygeodesy/latlonBase.py            | 197        | 20      | 2        | 90%      |
| pygeodesy/lazily.py                | 109        | 8       | 11       | 93%      |
| pygeodesy/lcc.py                   | 211        | 20      | 7        | 91%      |
| pygeodesy/mgrs.py                  | 114        | 12      | 5        | 89%      |
| pygeodesy/named.py                 | 345        | 51      | 36       | 85%      |
| pygeodesy/nvector.py               | 5          | 0       | 0        | 100%     |
| pygeodesy/nvectorBase.py           | 100        | 14      | 1        | 86%      |
| pygeodesy/osgr.py                  | 177        | 8       | 8        | 95%      |
| pygeodesy/points.py                | 475        | 50      | 23       | 89%      |
| pygeodesy/simplify.py              | 220        | 19      | 3        | 91%      |
| pygeodesy/sphericalBase.py         | 103        | 7       | 3        | 93%      |
| pygeodesy/sphericalNvector.py      | 298        | 19      | 4        | 94%      |
| pygeodesy/sphericalTrigonometry.py | 275        | 26      | 10       | 91%      |
| pygeodesy/trf.py                   | 76         | 6       | 11       | 92%      |
| pygeodesy/ups.py                   | 174        | 19      | 9        | 89%      |
| pygeodesy/utily.py                 | 205        | 7       | 12       | 97%      |
| pygeodesy/utm.py                   | 255        | 8       | 15       | 97%      |
| Total                              | 9250       | 838     | 490      | 91%      |

| Module ↓                 | statements | missing | excluded | coverage |
|--------------------------|------------|---------|----------|----------|
| pygeodesy/utmups.py      | 100        | 10      | 4        | 90%      |
| pygeodesy/utmupsBase.py  | 127        | 6       | 4        | 95%      |
| pygeodesy/vector3d.py    | 210        | 19      | 8        | 91%      |
| pygeodesy/webmercator.py | 97         | 7       | 7        | 93%      |
| pygeodesy/wgrs.py        | 214        | 32      | 13       | 85%      |
| Total                    | 9250       | 838     | 490      | 91%      |

coverage.py v4.5.4, created at 2020-01-25 16:20