

| testcoverage (PyGeodesy 23.10.5): 95% | | | | |
|---|------------|---------|----------|----------|
| coverage.py v7.2.2, created at 2023-10-03 16:11 -0400 | | | | |
| <div>filter...</div> <div></div> | | | | |
| Module | statements | missing | excluded | coverage |
| pygeodesy/__init__.py | 185 | 163 | 8 | 12% |
| pygeodesy/albers.py | 423 | 13 | 21 | 97% |
| pygeodesy/auxilats/_CX_4.py | 9 | 0 | 0 | 100% |
| pygeodesy/auxilats/_CX_6.py | 9 | 0 | 0 | 100% |
| pygeodesy/auxilats/_CX_8.py | 9 | 0 | 0 | 100% |
| pygeodesy/auxilats/__init__.py | 9 | 0 | 0 | 100% |
| pygeodesy/auxilats/auxAngle.py | 226 | 10 | 31 | 96% |
| pygeodesy/auxilats/auxDLat.py | 149 | 14 | 10 | 91% |
| pygeodesy/auxilats/auxDST.py | 99 | 3 | 16 | 97% |
| pygeodesy/auxilats/auxLat.py | 432 | 30 | 39 | 93% |
| pygeodesy/auxilats/auxily.py | 114 | 9 | 29 | 92% |
| pygeodesy/azimuthal.py | 314 | 5 | 55 | 98% |
| pygeodesy/basics.py | 225 | 21 | 86 | 91% |
| pygeodesy/booleans.py | 981 | 60 | 118 | 94% |
| pygeodesy/cartesianBase.py | 205 | 10 | 20 | 95% |
| pygeodesy/clipy.py | 317 | 14 | 18 | 96% |
| pygeodesy/constants.py | 193 | 1 | 68 | 99% |
| pygeodesy/css.py | 235 | 5 | 11 | 98% |
| pygeodesy/datums.py | 195 | 9 | 16 | 95% |
| pygeodesy/deprecated/__init__.py | 9 | 0 | 0 | 100% |
| pygeodesy/deprecated/bases.py | 6 | 0 | 0 | 100% |
| pygeodesy/deprecated/classes.py | 70 | 5 | 57 | 93% |
| pygeodesy/deprecated/consterns.py | 15 | 0 | 0 | 100% |
| pygeodesy/deprecated/datum.py | 6 | 0 | 0 | 100% |
| pygeodesy/deprecated/functions.py | 71 | 5 | 121 | 93% |
| pygeodesy/deprecated/nvector.py | 8 | 0 | 3 | 100% |
| pygeodesy/dms.py | 282 | 13 | 33 | 95% |
| pygeodesy/ecef.py | 451 | 22 | 48 | 95% |
| pygeodesy/elevations.py | 70 | 14 | 36 | 80% |
| pygeodesy/ellipsoidalBase.py | 288 | 16 | 40 | 94% |
| pygeodesy/ellipsoidalBaseDI.py | 314 | 22 | 23 | 93% |
| pygeodesy/ellipsoidalExact.py | 40 | 0 | 1 | 100% |
| pygeodesy/ellipsoidalGeodSolve.py | 40 | 0 | 1 | 100% |
| pygeodesy/ellipsoidalKarney.py | 42 | 0 | 4 | 100% |
| pygeodesy/ellipsoidalNvector.py | 130 | 4 | 4 | 97% |
| pygeodesy/ellipsoidalVincenty.py | 175 | 2 | 11 | 99% |
| pygeodesy/ellipsoids.py | 746 | 33 | 75 | 96% |
| pygeodesy/elliptic.py | 480 | 19 | 52 | 96% |
| pygeodesy/epsg.py | 101 | 2 | 7 | 98% |
| pygeodesy/errors.py | 275 | 20 | 49 | 93% |
| pygeodesy/etm.py | 403 | 12 | 83 | 97% |
| pygeodesy/fmath.py | 274 | 20 | 71 | 93% |
| pygeodesy/formy.py | 425 | 6 | 22 | 99% |
| pygeodesy/frechet.py | 205 | 8 | 82 | 96% |
| pygeodesy/fstats.py | 307 | 4 | 24 | 99% |
| pygeodesy/fsums.py | 702 | 36 | 113 | 95% |
| pygeodesy/gars.py | 141 | 3 | 10 | 98% |
| pygeodesy/geodesicw.py | 133 | 10 | 7 | 92% |
| pygeodesy/geodesicx/_C4_24.py | 7 | 0 | 2 | 100% |
| pygeodesy/geodesicx/_C4_27.py | 7 | 0 | 2 | 100% |
| pygeodesy/geodesicx/_C4_30.py | 7 | 0 | 2 | 100% |
| pygeodesy/geodesicx/__init__.py | 7 | 0 | 0 | 100% |
| pygeodesy/geodesicx/gx.py | 505 | 32 | 30 | 94% |
| pygeodesy/geodesicx/gxarea.py | 213 | 10 | 29 | 95% |
| pygeodesy/geodesicx/gxbases.py | 53 | 4 | 1 | 92% |
| pygeodesy/geodesicx/gxline.py | 236 | 7 | 26 | 97% |
| pygeodesy/geodsolve.py | 77 | 5 | 22 | 94% |
| pygeodesy/geohash.py | 283 | 11 | 20 | 96% |
| pygeodesy/geoids.py | 673 | 33 | 108 | 95% |
| pygeodesy/hausdorff.py | 233 | 10 | 68 | 96% |
| pygeodesy/heights.py | 312 | 15 | 98 | 95% |
| pygeodesy/interns.py | 445 | 13 | 23 | 97% |
| pygeodesy/iters.py | 203 | 7 | 25 | 97% |
| pygeodesy/karney.py | 287 | 17 | 60 | 94% |
| pygeodesy/ktm.py | 213 | 4 | 39 | 98% |
| pygeodesy/latlonBase.py | 432 | 28 | 57 | 94% |
| pygeodesy/lazily.py | 154 | 14 | 77 | 91% |
| pygeodesy/lcc.py | 281 | 11 | 14 | 96% |
| pygeodesy/ltp.py | 419 | 16 | 42 | 96% |
| pygeodesy/ltpTuples.py | 556 | 31 | 40 | 94% |
| pygeodesy/mgrs.py | 265 | 2 | 52 | 99% |
| pygeodesy/named.py | 442 | 17 | 109 | 96% |
| pygeodesy/namedTuples.py | 206 | 4 | 1 | 98% |
| pygeodesy/nvectorBase.py | 242 | 10 | 23 | 96% |
| pygeodesy/osgr.py | 303 | 9 | 65 | 97% |
| pygeodesy/points.py | 610 | 51 | 104 | 92% |
| pygeodesy/props.py | 207 | 4 | 55 | 98% |
| pygeodesy/resections.py | 372 | 11 | 67 | 97% |
| pygeodesy/rhumbBase.py | 317 | 12 | 65 | 96% |
| pygeodesy/rhumbaux.py | 147 | 7 | 20 | 95% |
| pygeodesy/rhumbsolve.py | 102 | 11 | 58 | 89% |
| pygeodesy/rhumbx.py | 243 | 7 | 26 | 97% |
| pygeodesy/simplify.py | 227 | 2 | 4 | 99% |
| pygeodesy/solveBase.py | 208 | 10 | 31 | 95% |
| pygeodesy/sphericalBase.py | 217 | 10 | 9 | 95% |
| pygeodesy/sphericalNvector.py | 320 | 26 | 23 | 92% |
| pygeodesy/sphericalTrigonometry.py | 390 | 24 | 50 | 94% |
| pygeodesy/streprs.py | 268 | 12 | 19 | 96% |
| pygeodesy/trf.py | 177 | 5 | 27 | 97% |
| pygeodesy/triaxials.py | 593 | 29 | 42 | 95% |
| pygeodesy/units.py | 299 | 19 | 18 | 94% |
| pygeodesy/unitsBase.py | 101 | 1 | 6 | 99% |
| pygeodesy/ups.py | 166 | 5 | 9 | 97% |
| pygeodesy/utily.py | 334 | 33 | 14 | 90% |
| pygeodesy/utm.py | 266 | 8 | 20 | 97% |
| pygeodesy/utmups.py | 87 | 2 | 13 | 98% |
| pygeodesy/utmupsBase.py | 236 | 6 | 24 | 97% |
| pygeodesy/vector2d.py | 319 | 7 | 24 | 98% |
| pygeodesy/vector3d.py | 235 | 9 | 43 | 96% |
| pygeodesy/vector3dBase.py | 269 | 11 | 100 | 96% |
| pygeodesy/webmercator.py | 129 | 1 | 13 | 99% |
| pygeodesy/wgrs.py | 188 | 4 | 7 | 98% |
| Total | 24626 | 1280 | 3449 | 95% |