

	Comparison of all 500K <u>GeoidHeights.dat.gz</u> tests for 2 PyGeodesy interpolators <b>GeoidKarney</b> (Karney's C++ class <code>Geoid</code> transcribed to Python) and <b>GeoidPGM</b> (based on SciPy/NumPy cubic RectBivariateSpline).			
	<b>pygeodesy.GeoidKarney</b>			
	<b><i>egm2008-1.pgm</i></b>	<b><i>egm96-5.pgm</i></b>	<b><i>egm84-15.pgm</i></b>	
<b>Max Epsilon**</b>	0.002	0.003	0.017	meter
Python 2.7.16	263.259	261.003	278.959	secs
Python 3.7.2	148.373	150.067	153.365	secs
PyPy 6 / 2.7.13	67.497	67.611	59.374	secs
PyPy 6 / 3.5.3	88.427	83.209	70.575	secs
	<b>pygeodesy.GeoidPGM</b>			
	<b><i>egm2008-1.pgm</i></b>	<b><i>egm96-5.pgm</i></b>	<b><i>egm84-15.pgm</i></b>	
<b>Max Epsilon**</b>	0.011	0.018	0.023	meter
Python 2.7.16	121.390*	49.753	48.561	secs
Python 3.7.2	113.012*	40.963	38.983	secs
	*) Includes a 65+ secs delay to load the 466 MB+ <b>egm2008-1.pgm</b> file into SciPy/NumPy and convert 233 M+ 2-byte ushorts to 8-byte float64s.			
	**) <b>Max Epsilon</b> is the maximum difference between the PyGeodesy height and the original <i>GeoidHeight</i> . Other figures are run times for 64-bit Python (all on macOS 10.13.6 High Sierra and iMac 12 GB, 3 GHz Core i3).			