Fun Facts:

**M15: Great Pegasus Cluster**

Computer Code: M15

Messier 15 (M15), also known as the Great Pegasus Cluster, is a globular cluster located in the northern constellation Pegasus.

The cluster has an apparent magnitude of 6.2 and lies at 33,600 light years (10,000 parsecs) from Earth. It has the designation NGC 7078 in the New General Catalogue.  
  
Messier 15 is one of the oldest known globulars in our galaxy. It has an estimated age of 12 billion years and only 1 percent of the Sun’s iron content. The cluster has an absolute magnitude of -9.2, which makes it about 360,000 times more luminous than the Sun.

Messier 15 has an apparent diameter of 18 arc minutes, corresponding to a linear diameter of about 175 light years. The tidal radius of M15 spans 21.5 arc minutes, or about 210 light years from the cluster’s center.

Messier 15 has a density classification IV and is one of the most densely concentrated clusters of its kind. The cluster is notable for its steep central cusp, with an exceptionally large number of stars orbiting what is likely a central black hole.