

The Universe of Discourse

Mon, 21 Sep 2015

A message to the aliens, part 12/23 (earth-moon system)


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This is page 12 of the [Cosmic Call](#) message. An explanation follows.





The 10 digits are:

0 1 2 3 4 5 6 7 8 9

Page 12, begins a new section of the document, with pages headed with the glyph  "Earth", describing the Earth and its environs. This will help the recipients locate our planet, should they come to visit.

The top of the page has a diagram of the Earth -Moon  system and a ruler labeled with the distance between them, $3844 \cdot 10^5$ meters. Since the distance between Earth and Moon varies (the orbit is elliptical) an average value is given.



The glyph used here for distance, , is different from the one defined on page 9 . Neither appears elsewhere in the message, so this is probably a mistake.

The following five lines give the mass  and radius  of the Moon and the Earth, and also the distance from the Earth to the Sun. The latter would have been better on the [previous page](#), which discussed the solar system, but was omitted from there for some reason.

The [next article](#) will discuss page 13, shown at right. (Click to enlarge.) Try to figure it out before then.



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