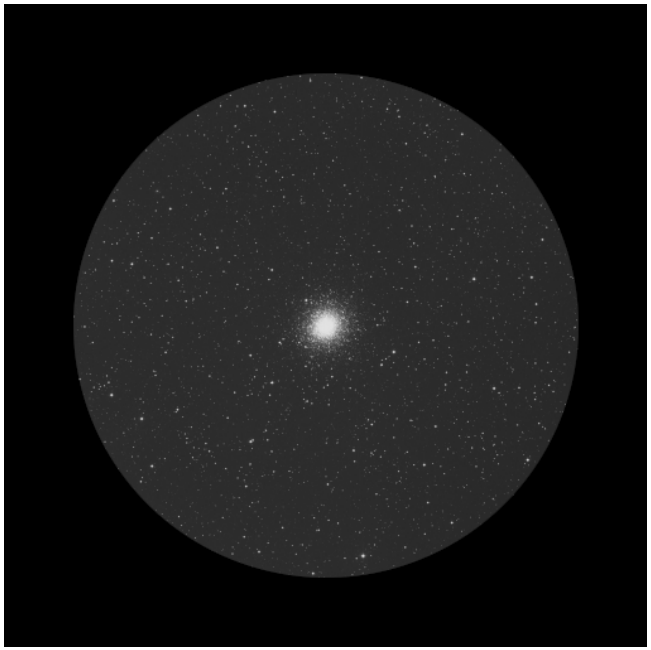
Data of the sky region at the time of the observation.....**SQM-L 21.9 IR -15º Temperature 13º**
Data of the night .....**Sun alt sol: -35.9º Moon alt: -18,3º**
Data of the object.....**Alt: 50.1º Az: 184,6º**
Telescope .....**Stargate 18”**



**Nagler 31mm (70x - 1º 10’ - 6.6mm)**

The object is quite impressive, it has a small size in this eyepiece occupying only a tenth of the field or perhaps even less. The object is framed between several stars drawing attention to a distant, bright reddish star. Its shape is spherical at these magnifications, with three brightness levels that are uniform in size, in other words, they all have more or less the same ‘radius’. To describe it from the outside in: there is a fainter outer halo, then the brighter central part with two zones of brightness, one of greater intensity more in the center. I can't help but remember the M72 cluster and how hard it was for me to see stars inside it, so much so that at these magnifications it was impossible. In M2 they are evident even at these low magnifications.

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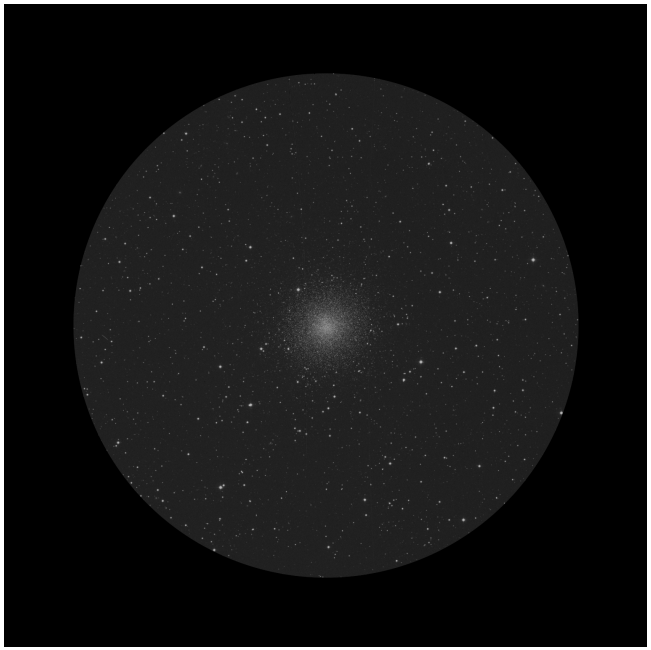
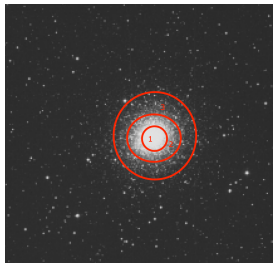


**Nagler 22mm (98x - 50’ - 4.7mm)**

It is always wonderful to go from 31mm to 22mm. The object looks larger but I lose almost no definition and beauty of field. What strikes me most with this view is the amount of stars I can resolve even in the innermost parts of the object's core. I am also very attracted by their color. They look like ruby granites shining on a VERY, VERY bright absorbent cotton cloud. Because I see the stars with a reddish tonality, very different from the background brightness of the cluster itself. And this is visible even in the closest parts of the core. The faintest outer halo is 1/3 of the size of the object, the other two thirds are made up of the bright area, which in the previous eyepiece I was able to divide into two levels and now I find it much more difficult to distinguish them. So, the core of the object, I mean its brightest area, has a diameter of 2/3, leaving the final third with this fainter halo of stars that I am not able to resolve. The fantastic thing about the image is, in that 2/3 core I am able to see dozens of very well defined reddish stars, as thin as pinpoints but with a reddish color. It is simply GORGEOUS. Then, in the outermost halo I get the sensation of seeing some mini-braces (because they are not very long), I count up to 6, of stars that protrude a little from the cluster. But not enough to lose its round shape. It is a very "uniform" object in its roundness, but with a fairly large central bright area.



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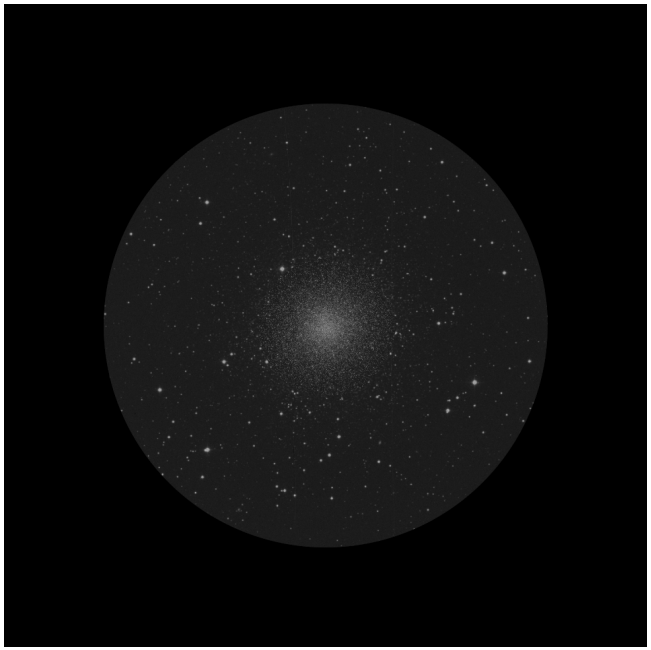

**Delos 14mm (154x - 28’ - 3mm)**

With this eyepiece the object is much larger but, as I have also lost apparent field, it gives me the sensation of a greater "zoom". To my surprise the image with this eyepiece seems to me poorer than the previous one. Now I am not able to resolve the core stars so easily. In the previous eyepiece the image was much finer because I appreciated tiny details that now have become larger and, in some cases, I do not see with such finesse. For example, the reddish stars inside the cluster core. Now they don't shine as brightly and get a bit lost in the brightness of the core as a whole, and to resolve them I have to work harder, using the side view more intensely.

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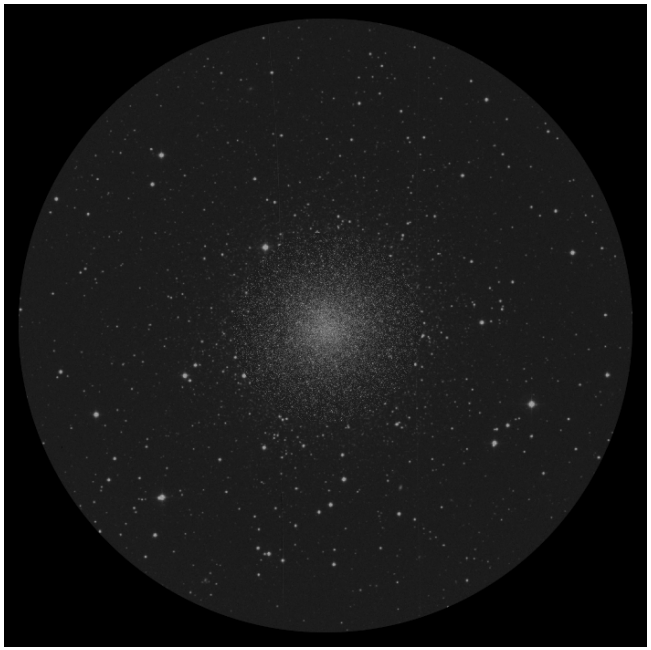

**Ethos 10mm (216x - 27’ - 2.1mm)**

I have the same impression as with the previous eyepiece, I do not get the beautiful image that I got with the 22mm eyepiece, even though the object only gains size. It is clear that it is much easier to resolve the stars that are in its outer part (unlike the previous eyepieces) but those of the inner part I am almost not able to resolve them, I see only brighter areas that I think will be the stars that I used to identify so directly (with the 22mm). The object is beautiful but quite ‘bland’ because it doesn't show much detail, at least it doesn't seem so to me. The outermost halo is dotted with stars that protrude in that sort of mini-braces (I still count at least 6) but they are actually so small that it could well be described as the outer area of the round-shaped cluster without more detail. Perhaps that's the biggest problem with this object, that despite gaining in magnification you don't gain in detail and it's a pity because the first impression is really suggestive.

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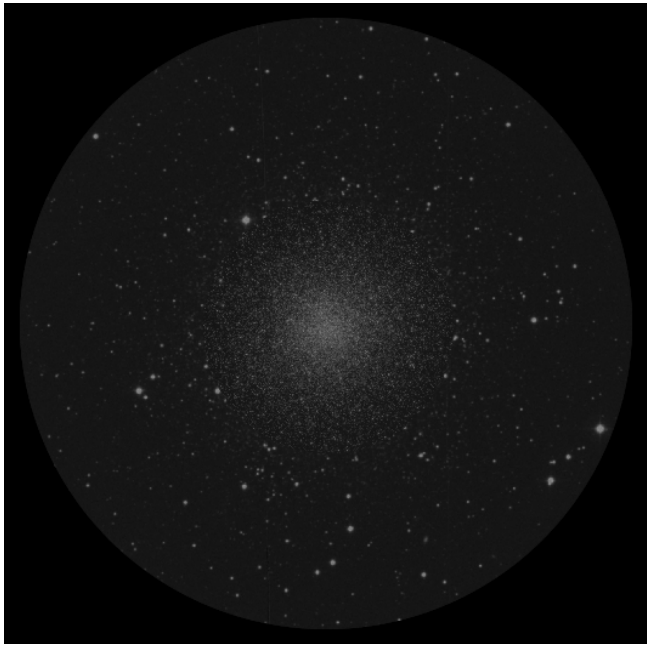

**Ethos 8mm (270x - 22’ - 1.7mm)**

The image has gained in contrast with this eyepiece. The object already has a very considerable size and the side view shows a myriad of stars around the cluster in its outer halo, where you can see some irregularities, with incoming and outgoing stars. What I like the most is to be able to resolve all the stars almost up to the core itself, although inside it I am not able to resolve any of them, which is a problem because the core is very large. Although I keep the dozens and dozens of stars that can be seen in its outermost halo. It's pretty if a bit dull. I still think the 22mm eyepiece gave me the best image of the object overall even though it was a small object with that eyepiece.

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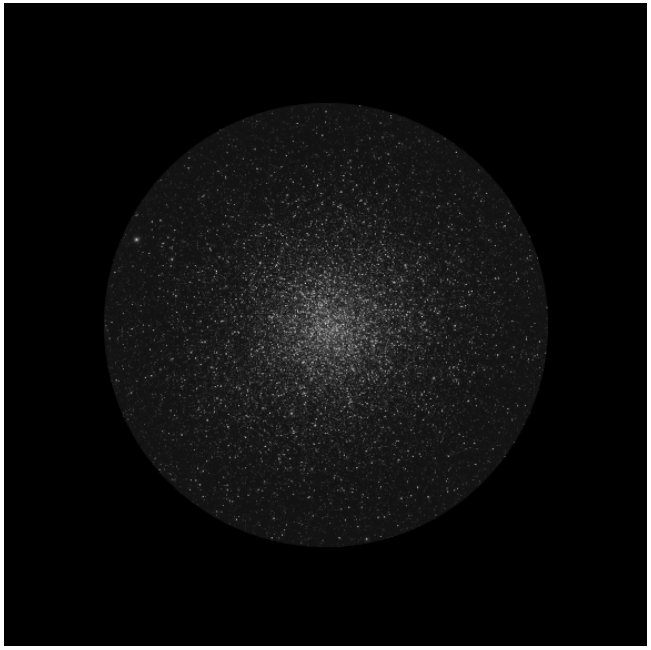

**Delos 4.5mm (480x - 9’ - 1mm)**

A surprise for the end, this is the best eyepiece after the 22mm. The object almost occupies the entire field of the eyepiece but with enough space to see the background stars by placing the object in the center. The nucleus shows again individual stars although not so contrasted as with the 22mm and without that reddish color. Now, what catches my attention, is the external part. That third of eyepiece size that is its outer limit is simply beautiful. A multitude of stars distributed more or less uniformly although with some protrusions, you get to see them so well that I am tempted to count them although it is crazy because there must be almost a hundred or more. It is hard for my mind to get an idea of such a number of stars at a glance, resolving them individually. Undoubtedly the best part of the object is, at low magnification, the reddish stars in its interior above the bright white core, and at high magnification the outer halo with hundreds of individual stars.