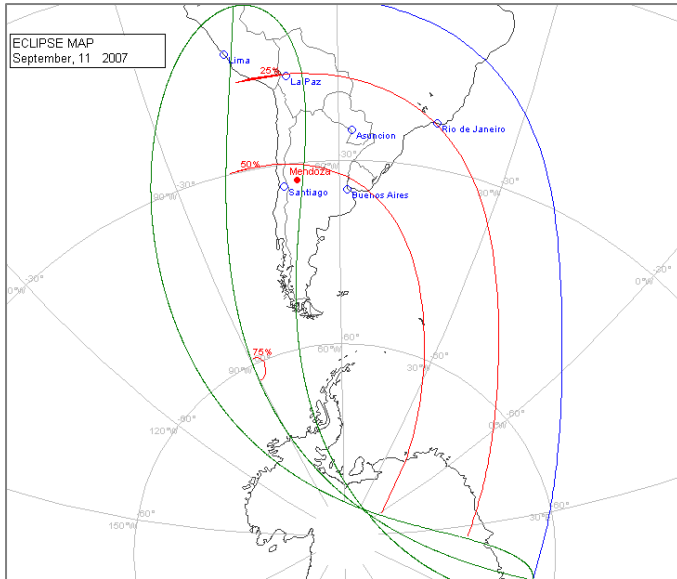


Partial Solar Eclipse September, 11 2007

Report by Leo Cavagnaro from Mendoza, Argentina



On September, 11 we had the opportunity to observe, from South America, a very interesting partial solar eclipse. This was the 6th partial eclipse of Saros 154, a young Saros Cycle. The phenomenon was visible only in part of South America and part of Antarctica. The map (left) shows the region on the planet where the eclipse was visible).

We had a clear morning sky here in Mendoza so the eclipse was visible very well. The beginning was at 07:37 am (10:37 am UT), a few minutes before sunrise, with the Sun at 1.6 degrees below the Horizon in that moment. The maximum of the eclipse was at 08:39 am local time (11:39 am UT) with the Sun at 11.3 degrees

of altitude. From this city, the eclipse magnitude was 0.54 (54%).

Last year (on September 22) we could enjoy a similar eclipse (but of smaller magnitude) from Uspallata, during our 1st Joint Astronomical Observations with our friends of RCA who visited Mendoza.

The eclipse of September 11 finished at 09:47 am local time (12:47 pm UT), with the Sun at 25 degrees of altitude.



I took some pictures from my house in Mendoza City using just a digital camera (Canon A570 IS) and Mylar filter. Here I send a couple of pictures. In the first one you can see the shadow of a tree.

The next solar eclipse visible from Argentina will occur on July 11, 2010. This will be a total eclipse and the totality will be visible from Patagonia (South Argentina). Unfortunately with the Sun very very low above the West Horizon, with the Total phase beginning some minutes before sunset). Maybe a best option to observe that eclipse would be the coast of South Chile.