After read the recent article on November edition of The Lunar Observer about dark haloed craters, I decide look in my old image files and found some images on different lunar ages of Atlas crater.

**Description:**
Forms a remarkable couple with Hercules. Circular formation.
Very steep slopes supporting a craterlet to the South.
Walls in terraces.

**Position:**
Longitude: 44.4° East
Latitude: 46.7° North
Quadrant: North-East
DARK HALOED

Lunar Orbiter Image –IV-191-H2

2002/08/15
2002/10/02
2002/07/27
Using some near craters and domes and crossing some lines we can define the region where the dark halo appear.
If we look on the Lunar Orbiter Image in detail, we can see very clear one difference in surface depth on the crater floor in the same place where the dark halo occurs.

When the light angle is favourable as on the first image (2002/08/15) the difference on the depth in the surface cause one darken on the region. My objective on this image analysis was given one opinion about the phenomenon called dark haloe.