

CAPTIONS OF SUPPLEMENTARY MATERIAL

C2020F3_20200722.mp4

22.07.2020: all the images of the observing session were aligned on the false cometary nucleus and stacked in groups to create 10 composite images with a total exposure time of 200 seconds each.

The animation of the motion of the structures and filaments in the tail was simply obtained by subtracting from each stack the one immediately following. The animation covers the period between 20h59m UT and 22h14m UT. Resolution of 0.54 arcsec / pixel. North is up.

C2020F3_20200724.mp4

24.07.2020: the images taken in Bj, Vj, Rj have been combined in RGB tri-color images. The animation shows the expansion of the structures in the inner coma between 20h10m UT and 20h55m UT. Resolution of 0.43 arcsec/pixel. North is up.

C2020F3_20200726.mp4

26.07.2020: up to four shells or fragments of spirals moving away from the nucleus could be observed in the period of maximum activity of C/2020 F3. Animation composed of 3 frames obtained at 20h30m UT, 21h10m UT and 21h59m UT. Resolution of 0.27 arcsec/pixel, no filters. North is up.