

Figure 1

The yellow line, passing through the optocenter of the comet (assumed as the nucleus position), indicates the position where the photometric profile was drawn. The diameter of the coma was measured on the outermost isophote. Details on the measurement procedure are given in the text. Image taken at LCO-Haleakala Observatory on July 28, 2023.

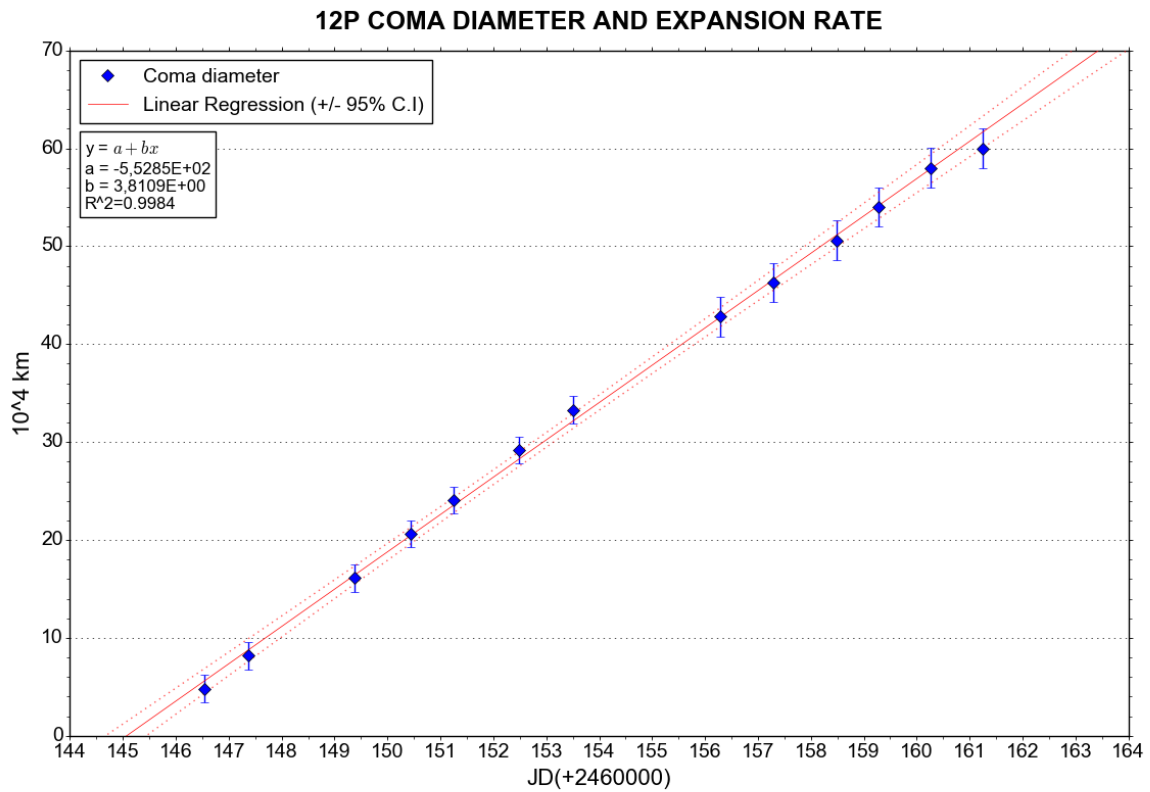


Figure 2

The measurements ( $\pm$  SD) of the diameters of the coma are indicated by the blue diamonds. The red solid line is the linear regression (dotted lines=C.I. 95%). The slope indicates the expansion rate of the coma of comet 12P during its last outburst.