

A description of the comet report is as follows:

The first line specifies the comet. **Example:** C/2024 G3 (ATLAS).

After the comet name is the ICQ line. The ICQ format is described in more detail on the following page:  
<http://www.icq.eps.harvard.edu/ICQFormat.html>

After the ICQ line is the multi-aperture report:

COD X07  
 OBS  
 CATALOG: ATLAS2 - BAND: r

COMET	UTC	10x10 +/-	20x20 +/-	30x30 +/-	40x40 +/-	50x50 +/-	60x60 +/-	RSR N	FC FWHM	COD CAT
C/2024 G3	22/12/2024 08:21:22	10.63	9.16	8.24	7.67	7.43	7.32	49.8	13.9	X07
C/2024 G3	22/12/2024 08:21:22*	0.27	0.27	0.27	0.27	0.27	0.27	1	5.5	ATL

10x10 Photometric aperture corresponding to a 10x10 arcsecond box.

+/- Standard deviation

RSR Comet signal to noise ratio.

N How many images were used to obtain the photometry.

FC Sky background magnitude.

FWHM Mean comparison star Full Width Half Minimum.

COD Observer site code

CAT Star catalogue used

Af(rho) calculation. This is done in a projected physical aperture at the comet of 10000 km. The magnitude is interpolated to this physical aperture size from the apertures measured.

COMET	UTC	DELTA	r	AP "	MAG	RSR	AFRHO CM	+/-	LOG AFRHO	OBS
C/2024 G3	22/12/2024 08:21:22	1.64	0.78	16.78	9.56	50	3240	1617	3.511	X07

DELTA Geocentric distance.

r Heliocentric distance.

AP" Equivalent aperture on the sky that gives a physical aperture of 10000 Km at the comet.

Mag Comet magnitude in the aperture.

RSR Comet signal to noise.

Afrho In cm.

+/- Error on Afrho.

Log Afrho

OBS Observer code.

A number of data points (measurements) are listed after the multi-aperture report. These measurements correspond to the data points shown on the "Comet – Graph" window. They are typically shown at every one or two pixels in increasing aperture.