



# COMETE

RISULTATI ottenuti dal gen. 2023 a feb. 2024

Riprese ed elaborazione di A.Catapano in collaborazione con Franco Coccia  
- ( Risultati sottoposti alla sez.Comete UAI )

# COMETE OSSERVATE

C/2022 E3 ZTF

12P Pons-Brooks

62P Tsuchinshan

144P Kushida

19P

237P

# C/2022 E3 ZTF

GENNAIO 2023



OSSERVATORIO ASTRONOMICO  
SALVATORE DI GIACOMO



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C/2022 E3 ZTF 2023-01-30 2:32 UT - RC Astelco 20" F8 - FLI 4240 PROLINE - 160x10"LRGB  
AUTHOR: ANTONIO CATAPANO

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C 2022 E3 ZTF 2023-01-15 4:05 UT - RC Astelco 20" F8 - FLI 4240 PROLINE - 189x15s Rc FILTER  
AUTHOR: ANTONIO CATAPANO

# C/2022 E3 ZTF

GEN 2023

FEB 2023

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C 2022 E3 ZTF 2023-01-31 22:15 UT - RC ASTELCO 20" F8 - FLI 4240 PROLINE - 160 x10s LRGB FILTER  
AUTHOR: ANTONIO CATAPANO

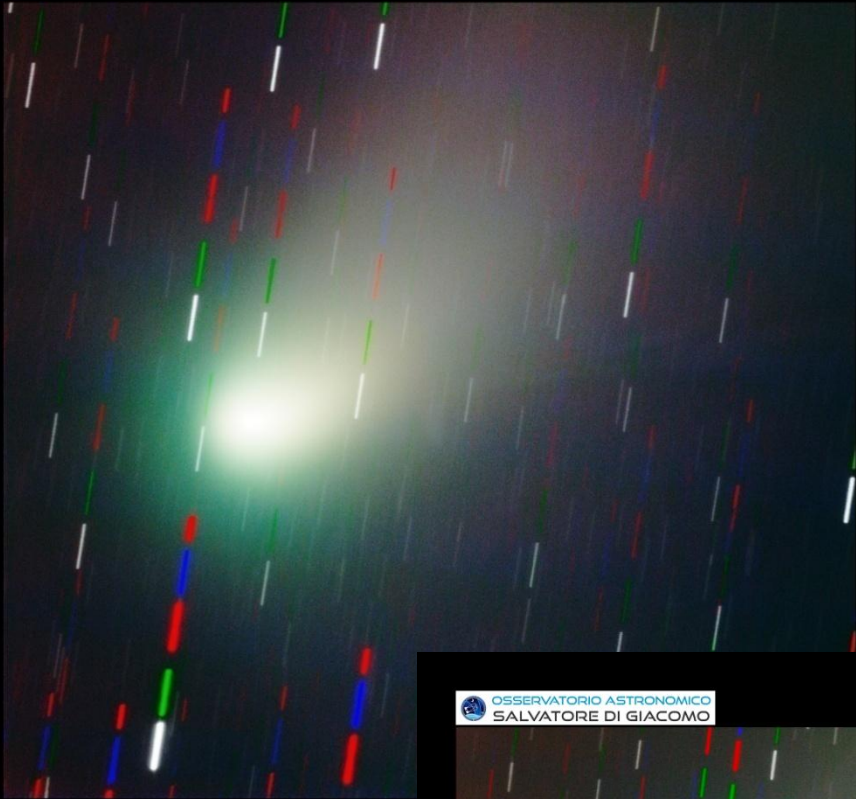
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C 2022 E3 ZTF 2023-02-07 21:15 UT - RC ASTELCO 20" F8 - FLI 4240 PROLINE - 151x15" LRGB FILTER  
AUTHOR: ANTONIO CATAPANO

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C 2022 E3 ZTF 2023-02-14 19:45 UT - RC Aste  
AUTHOR: AN

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RC AsteLCO 20" F8 - FLI 4240 PROLINE - 122x20s LRGB FILTER  
AUTHOR: ANTONIO CATAPANO

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# 103P Hartley

OTT 2023

NOV 2023

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RA: 08h 05m 56.0s Decl: 12° 19' 49.8" (J2000) - P.A. 137.5  
MAGN.STIM.7,3 - ALTITUDE: 46° SOLAR ELONGATION: 88.1° CONST.: Cnc  
SUN DISTANCE: 160.70 MILLION KM EARTH DISTANCE: 65.59 MILLION KM

COMET 103P 2023-10-23 02:50 UT - RC ASTELCO 20" F8 - FLI 4240 PROLINE - 46x40s Rc FILTER  
AUTHOR: ANTONIO CATAPANO

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SALVATORE DI GIACOMO

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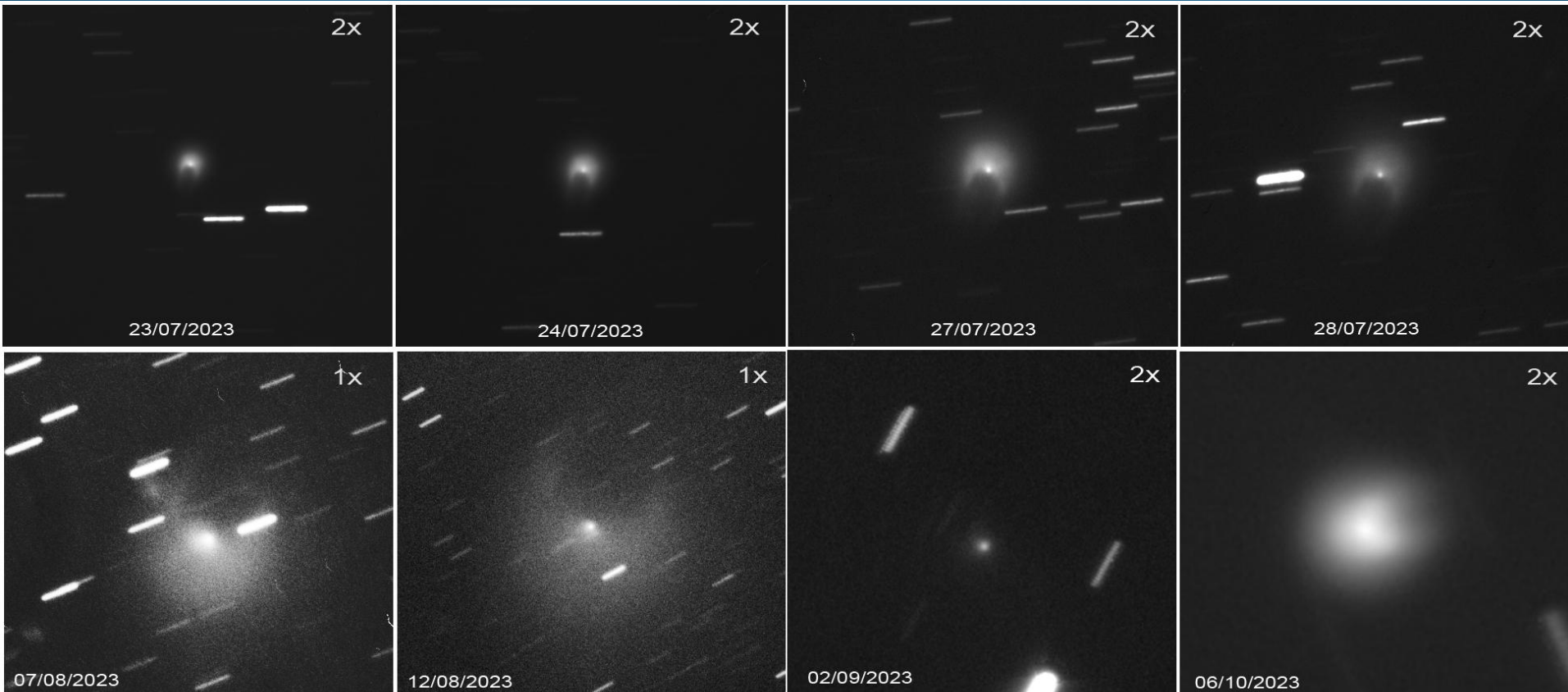


RA 08h 44m 09.5s Dec 0° 57' 45.7" (J2000) P.A. 145.4  
MAGNITUDE PREV.: 14.63 ALTITUDE: 36° SOLAR ELONGATION: 92.7° CONST.: Hya  
SUN DISTANCE: 169.03 MILLION KM EARTH DISTANCE: 74.52 MILLION KM

COMET 103P 2023-11-09 01:50 UT - RC ASTELCO 20" F8 - FLI 4240 PROLINE - 58x50s Rc FILTER  
AUTHOR: ANTONIO CATAPANO

# 12P Pons Brooks

Luglio - Ottobre 2023



OSSERVATORIO ASTRONOMICO  
SALVATORE DI GIACOMO

COMET 12P - RC ASTELCO 20" F8 - FLI 4240 PROLINE - RC FILTER  
AUTHOR: ANTONIO CATAPANO

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# 12P Pons Brooks

LUGLIO – DICEMBRE 2023

OTT 2023

NOV 2023





# 12P Pons Brooks

DIC 2023

GEN 2024

OSSERVATORIO ASTRONOMICOM  
SALVATORE DI GIACOMO

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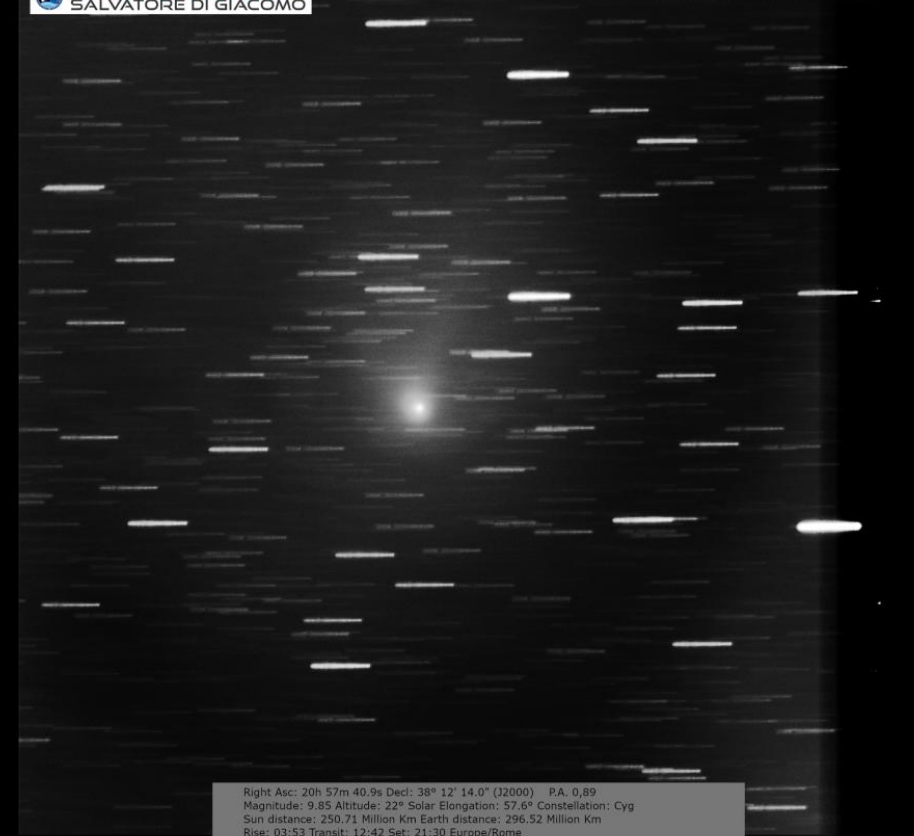


RA: 19h 25m 11.0s Dec: 37° 44' 19.9" (J2000) P.A: 0,93  
Magn.prev.: 11,51 Alt: 28° Solar Elong.: 62,8° Constellation: Lyr  
Sun distance: 307,30 Million Km Earth distance: 345,38 Million Km

Comet 12P Pons-Brooks 2023-17-12 17:38 U.T. RC Astelco 20" F8 - FLI 4240 - 35x90" Filter Rc  
Author: Antonio Catapano

OSSERVATORIO ASTRONOMICOM  
SALVATORE DI GIACOMO

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Right Asc: 20h 57m 40.9s Decl: 38° 12' 14.0" (J2000) P.A. 0,89  
Magnitude: 9,85 Altitude: 22° Solar Elongation: 57,6° Constellation: Cyg  
Sun distance: 250,71 Million Km Earth distance: 296,52 Million Km  
Rise: 03:53 Transit: 12:42 Set: 21:30 Europe/Rome

Comet 12P Pons-Brooks 2024-01-25 18:01 U.T. RC Astelco 20" F8 - FLI 4240 - 44x70" Filter Rc  
Author: Antonio Catapano

# 12P Pons Brooks

GEN 2024

FEB 2024

OSSEVATORIO ASTRONOMICICO  
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Right Asc: 21h 17m 22.2s Decl: 38° 15' 41.6" (J2000) P.A. 089.9  
Magnitude: 9.53 Altitude: 19° Solar Elongation: 56.4° Constellation: Cyg  
Sun distance: 240.77 Million Km Earth distance: 288.77 Million Km

Comet 12P Pons-Brooks 2024-01-30 19:12 U.T. RC Astelco 20" F8 - FLI 4240 - 45x70" Filter Rc  
Author: Antonio Catapano

OSSEVATORIO ASTRONOMICICO  
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Right Asc: 22h 13m 42.5s Decl: 37° 59' 06.8" (J2000) P.A. 094.6  
Magnitude: 8.65 Altitude: 28° Solar Elongation: 52.3° Constellation: Lac  
Sun distance: 215.01 Million Km Earth distance: 270.74 Million Km

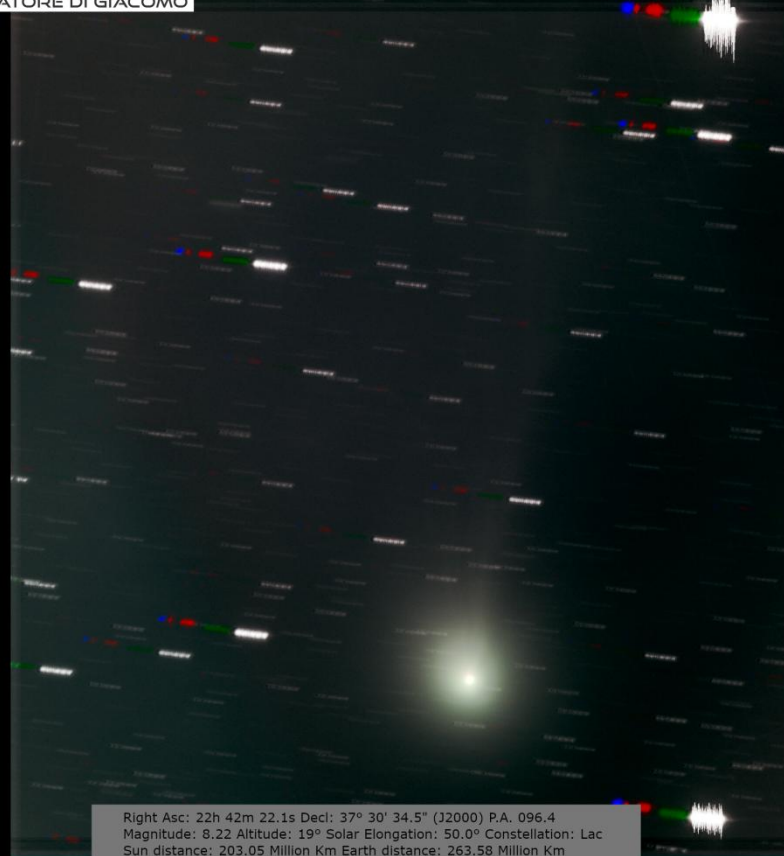
Comet 12P Pons-Brooks 2024-02-14 18:18 U.T. RC Astelco 20" F8 - FLI 4240 - 59x60" Filter Rc  
Author: Antonio Catapano

# 12P Pons Brooks

FEBBRAIO 2024

OSSEVATORIO ASTRONOMICOMICO  
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Right Asc: 22h 42m 22.1s Decl: 37° 30' 34.5" (J2000) P.A. 096.4  
Magnitude: 8.22 Altitude: 19° Solar Elongation: 50.0° Constellation: Lac  
Sun distance: 203.05 Million Km Earth distance: 263.58 Million Km

Comet 62P Pons-Brooks 2024-02-18 18:30 U.T. RC Astelco 20" F8 - FLI 4240 - LRGB 13x9x13x2x60"

Author: Antonio Catapano

OSSEVATORIO ASTRONOMICOMICO

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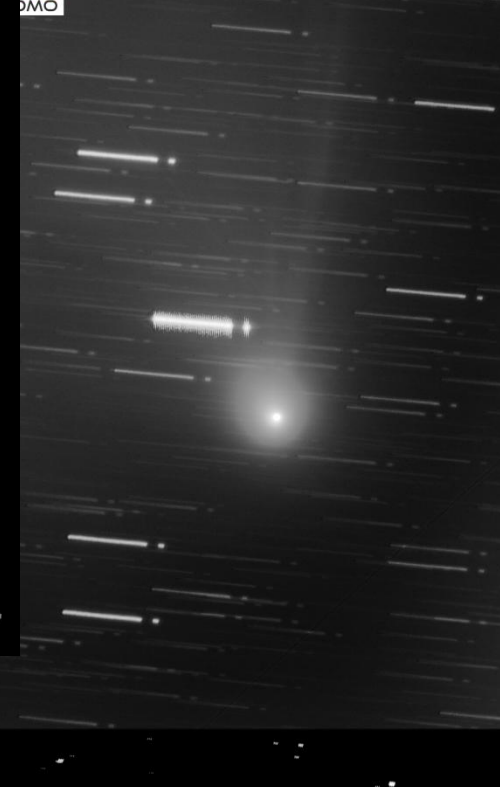


Right Asc: 22h 23m 11.2s Decl: 37° 51' 23.7" (J2000) P.A. 095.0  
Magnitude: 8.51 Altitude: 21° Solar Elongation: 51.6° Constellation: Lac  
Sun distance: 210.98 Million Km Earth distance: 268.23 Million Km

Comet 12P Pons-Brooks 2024-02-14 18:05 U.T. RC Astelco 20" F8 - FLI 4240 -55x60" Filter Rc

OSSEVATORIO ASTRONOMICOMICO

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Right Asc: 22h 27m 46.9s Decl: 37° 47' 03.2" (J2000) P.A. 052.7  
Magnitude: 8.44 Altitude: 27° Solar Elongation: 51.2° Constellation: Lac  
Sun distance: 209.05 Million Km Earth distance: 267.06 Million Km

Comet 12P Pons-Brooks 2024-02-15 18:25 U.T. RC Astelco 20" F8 - FLI 4240 - 55x60" Filter Rc

Author: Antonio Catapano

# 62P Tsuchinshan

GEN 2024

FEB 2024

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Right Asc: 12h 26m 42.4s Decl: 10° 23' 21.3" (J2000) P.A. 100.7  
Magnitude: 10.18 Altitude: 58° Solar Elongation: 122.5° Constellation: Vir  
Sun distance: 197.79 Million Km Earth distance: 74.74 Million Km

Comet 62P/Tsuchinshan 2024-01-26 3:50 U.T. RC Astelco 20" F8 - FLI 4240 - 17x120" Filter Rc  
Author: Antonio Catapano

NGC4608

OSSEVATORIO ASTRONOMICOM  
SALVATORE DI GIACOMO

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Right Asc: 12h 40m 59.2s Decl: 10° 02' 31.1" (J2000) P.A. 065.9  
Magnitude: 11.24 Altitude: 54° Solar Elongation: 141.2° Constellation: Vir  
Sun distance: 212.99 Million Km Earth distance: 76.56 Million Km

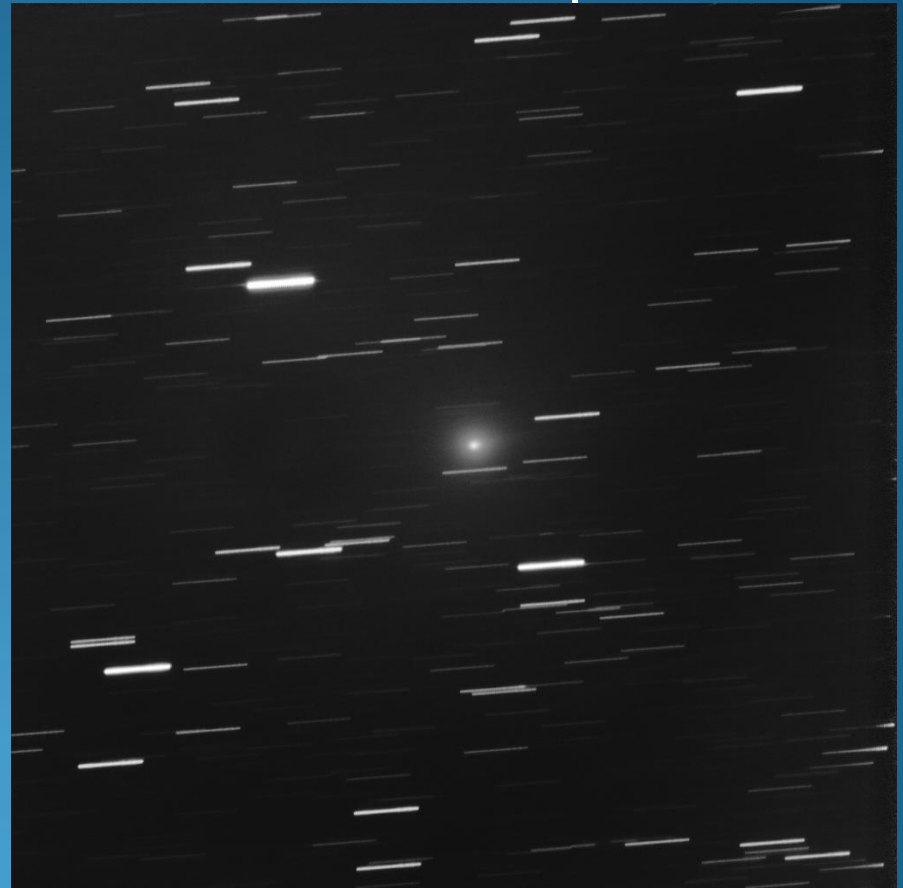
Comet 62P Pons-Brooks 2024-02-15 18:25 U.T. RC Astelco 20" F8 - FLI 4240 - 18x240" Filter Rc  
Author: Antonio Catapano

# 144P Kushida

GEN 2024




FEB 2024

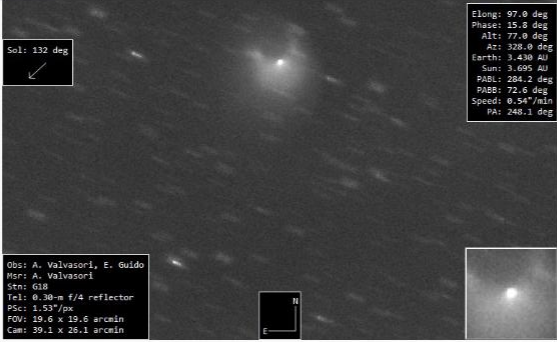


144P\_Oasdg\_Actp- 9x80s\_R\_20240214\_2049

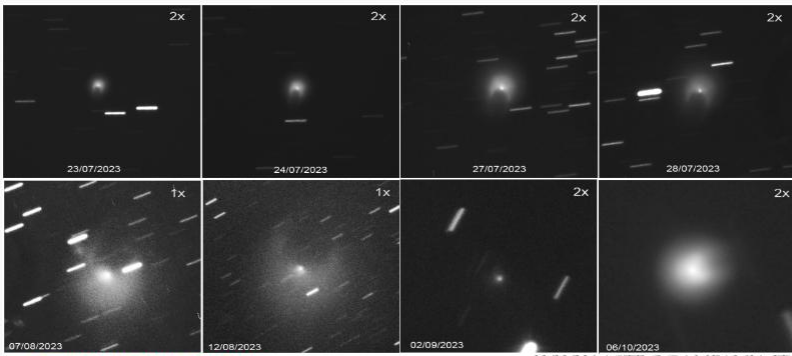
# Articolo della Sezione Comete UAI sulla 12P , con contributi di Oasdg , Ernesto Guido e Nello Ruocco

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La ripresa del 7 agosto di Adriano Valvasori ed Ernesto Guido (Almo Observatory) mostra la nube di polveri sempre più allargata ed evanescente.



**OSSERVATORIO ASTRONOMICO SALVATORE DI GIACOMO** COMET 12P - RC ASTELCO 20" F8 - FLI 4240 PROLINE - RC FILTER  
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AUTHOR: ANTONIO CATAPANO

Una sequenza di immagini realizzata da Antonio Catapano (Osservatorio Salvatore di Giacomo) che mostra la complessa evoluzione tra luglio ed ottobre.

<https://www.uai.it/sito/news/occhi-al-cielo/12p-pons-brooks-una-cometa-col-botto-verso-il-perielio/>