March 1, 2010

Exam, sky watch back Wednesday.

Astronomy in the News?

Pic of the Day - Dark streaks on Mars. Mars is easy to see in the evening sky.



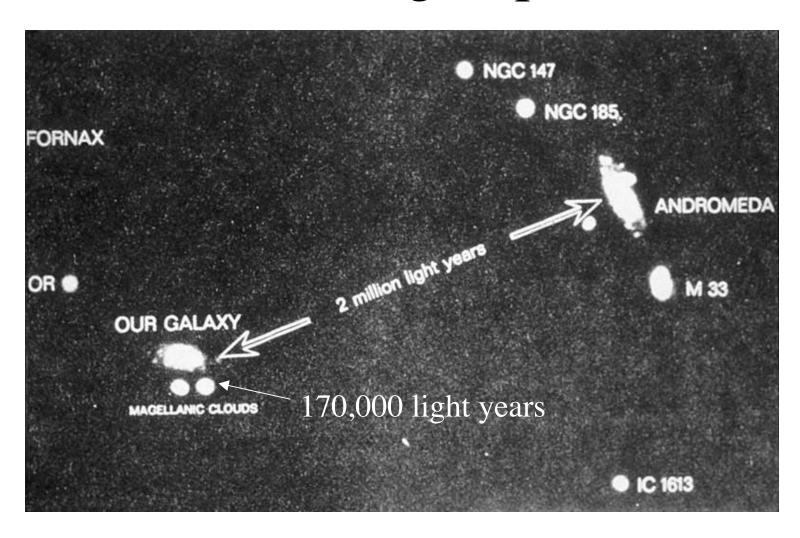
Kepler

SN 1987A
first naked eye
supernova since
Kepler's in
1604
Happy
Birthday!

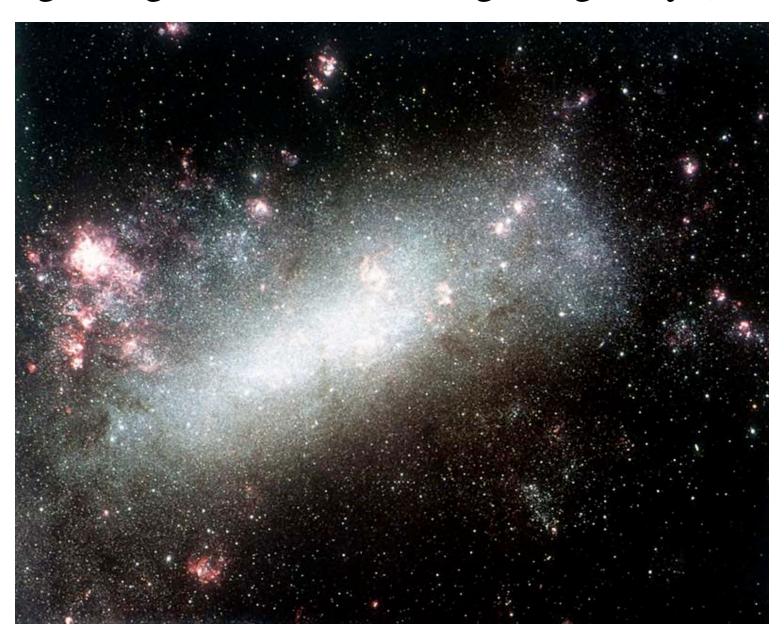


Tycho

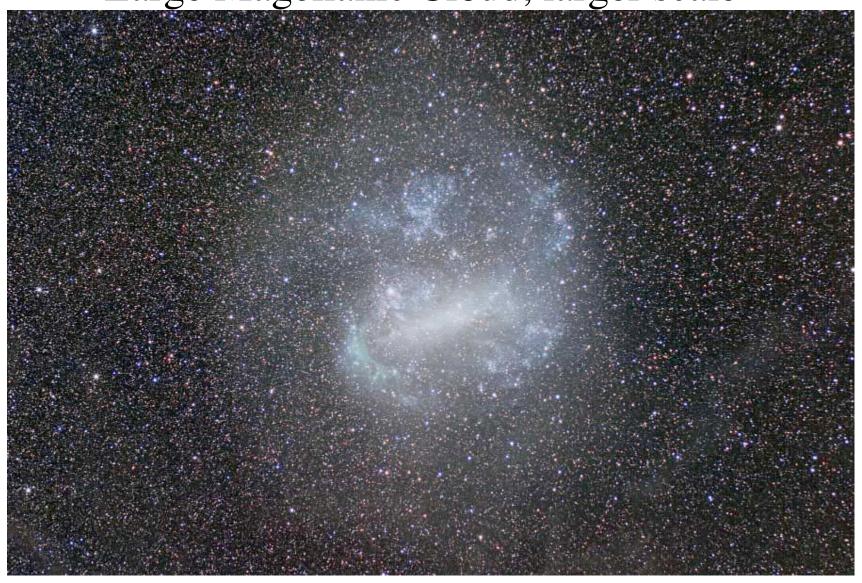
Local group



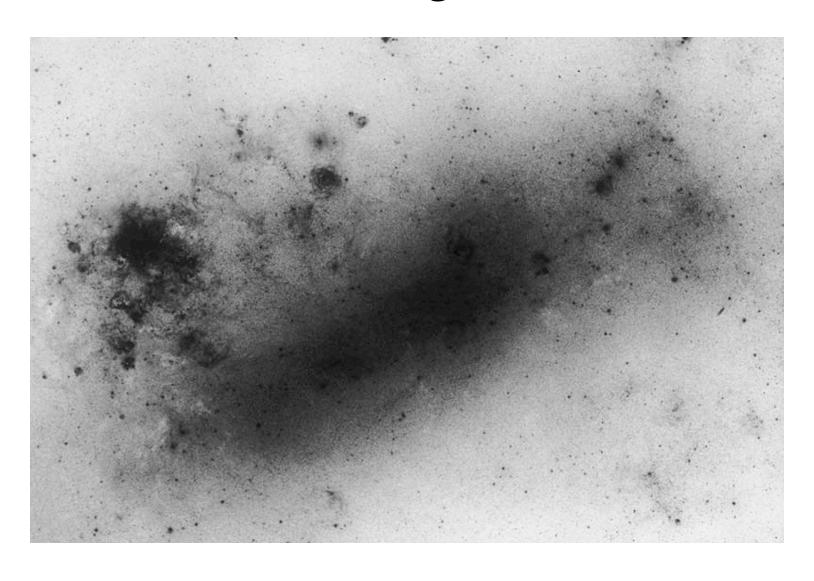
Large Magellanic Cloud, irregular galaxy (color)



Large Magellanic Cloud, larger scale



LMC negative



Rob McNaught patrol photos - the day before



2-22-87

The first known photo of SN 1987A hours after shock breakout



2-23-87

One day later



2-24-87

Near maximum light



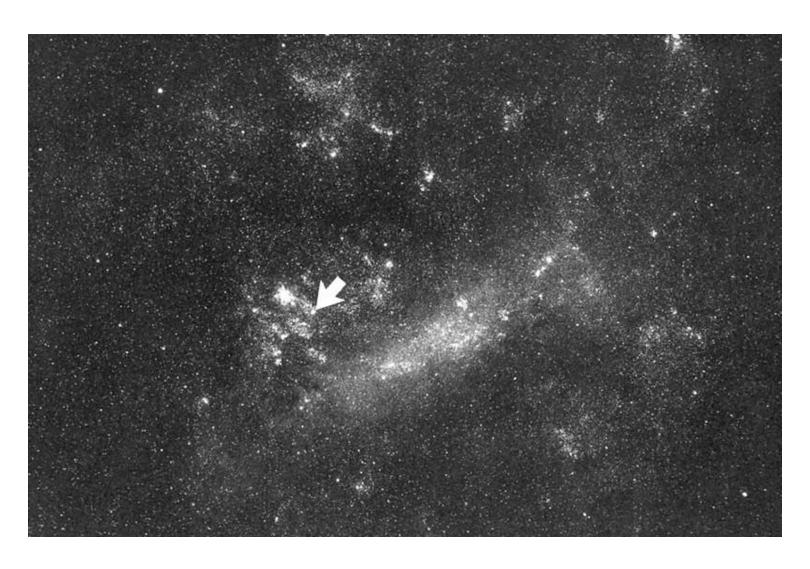
5-20-87

About when I saw it



8-23-87

LMC w/arrow



One Minute Exam

When SN 1987A exploded, where would have been a good place to have seen it with your naked eye?

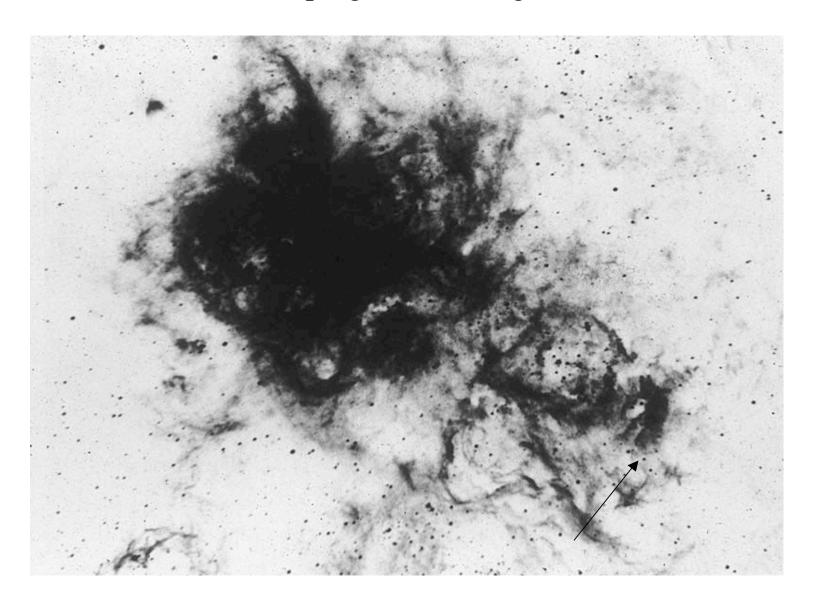




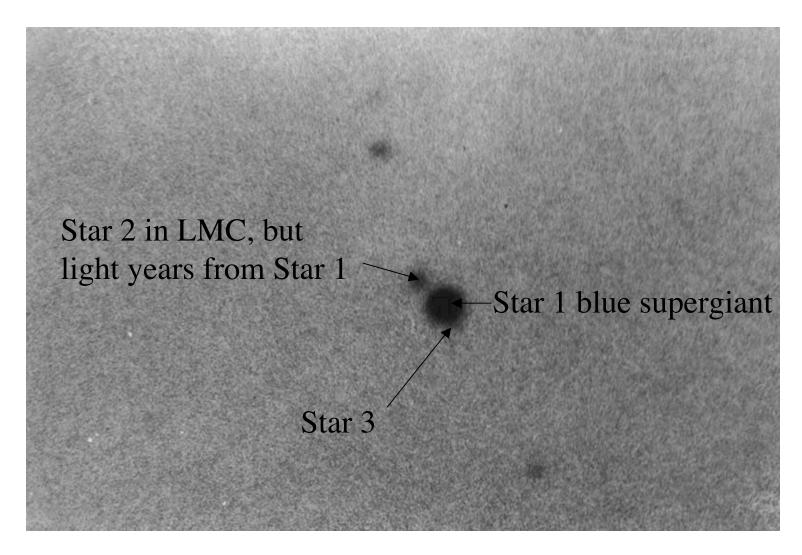




Photo of progenitor star (giraffe)

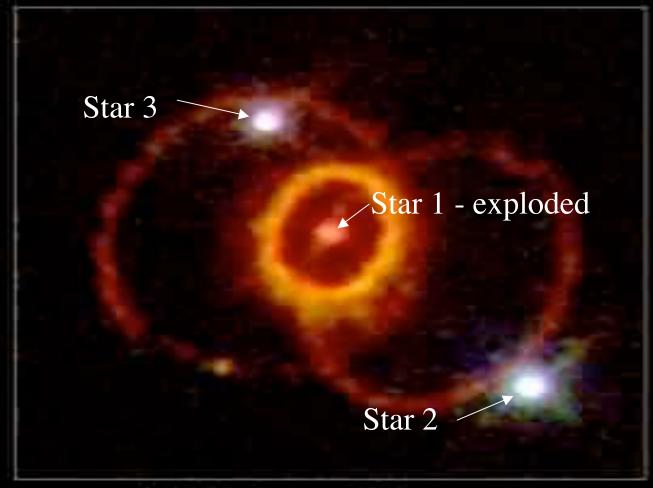


Stars 1, 2, 3



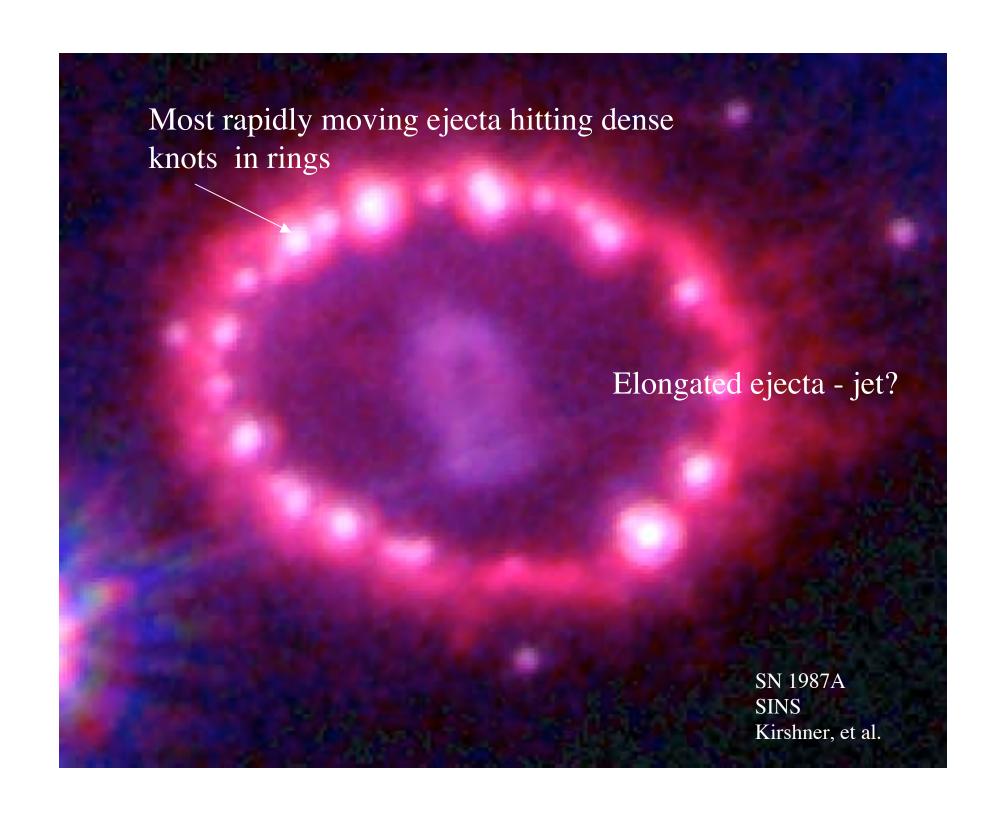
Close-up

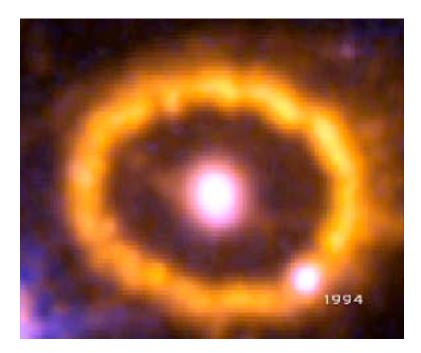
Supernova 1987A Rings

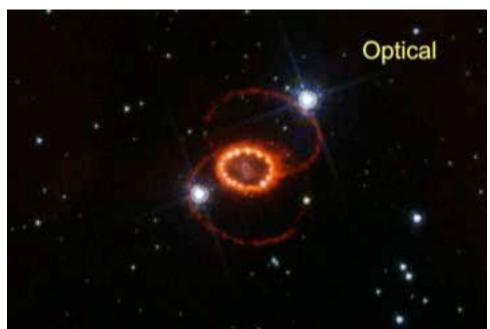


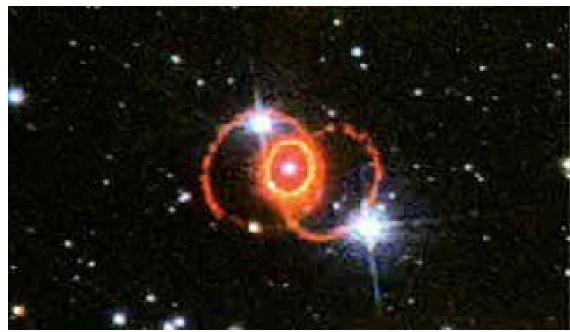
Hubble Space Telescope Wide Field Planetary Camera 2











Very recent data from refurbished Hubble Space Telescope

Red - 1994

Green - 2004

Blue - 2010

