Astronomy: The Visible and Invisible Universe
A light wave is a light wave, no matter how long...
A combination of two images from SOHO, showing Monday's solar flare at approximately 6 PM EDT.
The National Radio Astronomy Observatory is a facility of the National Science Foundation operated under a cooperative agreement by Associated Universities, Inc.
Home sweet home...
Some Solar System Neighbors

Comet Hyakutake

Doggie Treat

Asteroid
What happens when your neighbors get too close...

Chicxulub, Mexico
65 million years old
(probably killed the dinosaurs)

Meteor Crater, Arizona
Only 50,000 years old
Venus -- UV to Radio
Mars -- New Views
What’s that little speck of dust?
What do you see in the sky at Green Bank?
A Galaxy of Stars…
Same Space -- Different Light

Radio

Infrared

Optical

X-ray
Wide-Field VLA Radio Image of the Galactic Center
(\( \lambda = 90 \text{ cm} \))

\[ 
\begin{align*}
\text{Sgr D HI} & \quad \text{SNR 0.9 + 0.1} \\
\text{Sgr D SNR} & \quad \text{SNR 0.3 + 0.0} \\
\text{Sgr B2} & \quad \text{SNR 359.0 - 0.9} \\
\text{Sgr B1} & \quad \text{SNR 359.1 - 0.5} \\
\text{Sgr A} & \quad \text{Sgr C} \\
\text{Arc} & \quad \text{Threads} \\
\text{The Cane} & \quad \text{Background Galaxy} \\
\text{Threads} & \quad \text{The Pelican} \\
\text{Snake} & \quad \text{Coherent structure?} \\
\text{Mouse} & \quad \text{Tornado (SNR)} \\
\end{align*}
\]

\(-0.5^\circ\) ~75 pc ~240 light years

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Orion Nebula -- Hubble and VLA/GBT
All good things must come to an end…
The Wanderer…
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