



## NOVEMBER 2016

| <b>S</b> | <b>M</b> | <b>T</b> | <b>W</b> | <b>Th</b> | <b>F</b> | <b>Sa</b> |
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| 27       | 28       | 29       | 30       |           |          |           |

### CYGNUS A

This galaxy, at a distance of some 700 million light years, contains a giant bubble filled with hot, X-ray emitting gas detected by Chandra (blue). Radio data from the Very Large Array (red) reveal “hot spots” about 300,000 light years out from the center of the galaxy where powerful jets emanating from the galaxy’s supermassive black hole end. Visible light data (yellow) from both Hubble and the Digitized Sky Survey complete this view of the galaxy known as Cygnus A.

Credit: X-ray: NASA/CXC/SAO; Optical: NASA/STScI; Radio: NSF/NRAO/AUI/VLA