



### CASSIOPEIA A

This exquisitely detailed image from Chandra shows the location of different elements in the Cassiopeia A supernova remnant including silicon (red), sulfur (yellow), calcium (green), and iron (purple). The blue outer ring is the blast wave from the explosion of the collapsed massive star, located about 11,000 light years from Earth. Optical data from Hubble are shown in gold. Astronomers study supernova remnants to better understand how stars produce and then disseminate many of the elements found on Earth and in the cosmos at large.

## AUGUST 2019

| S  | M  | T  | W   | Th   | F  | Sa |
|----|----|----|---|--|--|----|
|    |    |    |   | 1  | 2  | 3  |
| 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14  | 15  | 16   | 17 |
| 18 | 19 | 20 | 21  | 22   | 23  | 24 |
| 25 | 26 | 27 | 28  | 29   | 30  | 31 |