

National Aeronautics and
Space Administration

2-20-15

Jet Propulsion Laboratory
California Institute of Technology
Pasadena, California

SN BERNAR NASA CA 924



Dear CEC

23 FEB 2015 PM 6 L

www.nasa.gov
this land is our land
from Calif. to what's in it. Less
than 10% of this public land re-
mains open to any hobby collecting.
Can you retain any access to
geological sites for our children?
MARBLE Mountains might be a good start

- Regarding -
"DRECP NEPA/CEQA"

To:

California Energy Commission
Dockets office, MS-4
Docket No. 09-RENEW EO-01
1516 NINTH STREET
SACRAMENTO, CA
95814-5512

NGC 7331

The Spitzer Space Telescope infrared array camera captured this image of spiral galaxy NGC 7331, which resembles our own Milky Way. NGC 7331 is found in the constellation Pegasus at a distance of 50 million light-years. The image is a four-color composite of invisible light, showing emissions from wavelengths of 3.6 microns (blue), 4.5 microns (green), 5.8 microns (yellow) and 8.0 microns (red).

At shorter wavelengths (3.6 to 4.5 microns), the light comes mainly from stars, particularly ones that are older and cooler than our Sun. At longer wavelengths (5.8 to 8.0 microns), instead of stars, Spitzer reveals the glow from clouds of interstellar dust, which provides a reservoir of raw materials for future star formation. The longer wavelength range reveals a ring of dust (red) girdling the galaxy center. This ring, with a radius of nearly 20,000 light-years, may contain enough gas to produce four billion stars like the Sun.

Credit: NASA/JPL-Caltech/M. Regan (STScI), and the SINGS Team.

SPITZER
SPACE TELESCOPE

<http://www.spitzer.caltech.edu>

California Energy Commission

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09-RENEW EO-1

TN # 75352

FEB 23 2015