



1
00:00:01,001 --> 00:00:03,436
New Radar Images of
Asteroid 2014 JO25

2
00:00:04,737 --> 00:00:05,905
This movie of asteroid 2014 JO25
was generated using radar data

3
00:00:05,938 --> 00:00:07,507
collected by NASA's Deep Space
Network on April 19, 2017

4
00:00:07,540 --> 00:00:09,175
starting at 7:43 p.m. PDT.

5
00:00:09,208 --> 00:00:10,843
When the observations began,
2014 JO25 was 1.53 million miles

6
00:00:10,876 --> 00:00:12,512
(2.47 million kilometers)
from Earth.

7
00:00:12,545 --> 00:00:14,180
The resolution of the
radar images is

8
00:00:14,213 --> 00:00:15,848
about 25 feet (7.5 meters)
per pixel.

9
00:00:15,881 --> 00:00:17,517
The largest of the asteroid's
two lobes is estimated to be

10
00:00:17,550 --> 00:00:19,485
2,000 feet (610 meters) across.

11
00:00:20,352 --> 00:00:33,599

[silent movie of
asteroid rotating]

12

00:00:34,867 --> 00:00:36,436

Asteroid 2014 JO25 approached
to within 1.1 million miles

13

00:00:36,469 --> 00:00:38,504

(1.8 million kilometers)
of Earth on April 19.

14

00:00:38,537 --> 00:00:40,573

There are no future flyby by
2014 JO25 as close as this one

15

00:00:40,606 --> 00:00:42,642

for more than 400 years.

16

00:00:43,543 --> 00:00:45,511

Image credit:

NASA/JPL-Caltech/GSSR

17

00:00:46,345 --> 00:00:47,814

NASA Jet Propulsion Laboratory