



KEEP WATCHING THE SKIES!

1
00:00:00,967 --> 00:00:02,935
How do we spot
near-Earth asteroids?

2
00:00:02,968 --> 00:00:05,805
To start, survey telescopes
scan the sky.

3
00:00:07,106 --> 00:00:09,075
When multiple pictures
of the same spot

4
00:00:09,108 --> 00:00:11,077
show a speck that's moving

5
00:00:11,110 --> 00:00:12,779
computers automatically
check it

6
00:00:12,812 --> 00:00:15,314
against a database
of known objects.

7
00:00:15,347 --> 00:00:16,716
[■]

8
00:00:16,749 --> 00:00:17,850
If there's no match,

9
00:00:17,883 --> 00:00:20,486
it gets added to a list of
objects to confirm.

10
00:00:20,519 --> 00:00:21,554
[■]

11
00:00:21,587 --> 00:00:24,190
And if it looks like it'll
pass very close to us,

12

00:00:24,223 --> 00:00:25,992

we give it top priority.

13

00:00:26,025 --> 00:00:27,260

[■]

14

00:00:27,293 --> 00:00:29,462

Then it's time to call in
reinforcements!

15

00:00:29,495 --> 00:00:30,830

[sound effect]

16

00:00:30,863 --> 00:00:34,000

More astronomers--from NASA,
other institutions,

17

00:00:34,033 --> 00:00:35,601

and even the amateur community--

18

00:00:35,634 --> 00:00:37,470

submit additional observations.

19

00:00:37,503 --> 00:00:38,604

[beeps]

20

00:00:38,638 --> 00:00:41,741

Each new data point helps
refine the projected path.

21

00:00:41,774 --> 00:00:44,277

And this asteroid is
going to fly right on by.

22

00:00:44,310 --> 00:00:46,012

Earth is safe!

23

00:00:46,045 --> 00:00:47,880

All the info will be
posted online

24

00:00:47,913 --> 00:00:50,016

so it can continue to be
tracked and monitored.

25

00:00:51,050 --> 00:00:53,086

Nice work, Planetary
Defense team!

26

00:00:53,119 --> 00:00:54,687

Keep watching the skies!

27

00:00:54,720 --> 00:00:56,823

[■]

28

00:00:56,856 --> 00:00:58,324

NASA Jet Propulsion Laboratory

29

00:00:58,357 --> 00:00:59,659

California Institute
of Technology

30

00:01:00,493 --> 00:01:01,527

For more information on
asteroids: