



1
00:00:05,038 --> 00:00:06,906
>> Narrator: First
detected in 1781

2
00:00:06,906 --> 00:00:09,609
by English astronomer
Sir William Herschel,

3
00:00:09,609 --> 00:00:14,047
Uranus, in Greek mythology
is the name for the heavens.

4
00:00:14,047 --> 00:00:18,084
Five years and almost a billion
miles after leaving Saturn,

5
00:00:18,084 --> 00:00:21,755
Voyager 2 reached Uranus
in January of 1986.

6
00:00:23,156 --> 00:00:26,960
Like all the other planets,
Uranus spins like a top

7
00:00:26,960 --> 00:00:29,295
but tipped over on its side,

8
00:00:31,831 --> 00:00:35,301
strangely tilted and off-center.

9
00:00:35,301 --> 00:00:37,370
Uranus' magnetic field extends

10
00:00:37,370 --> 00:00:41,541
in a bizarre corkscrew tail
millions of miles into space.

11
00:00:42,709 --> 00:00:46,479
Its magnetic poles

are also wildly askew.

12

00:00:46,479 --> 00:00:49,716

Voyager 2 discovered
two new rings,

13

00:00:49,716 --> 00:00:52,619

dark, narrow thin bands
of ice, rock, and dust

14

00:00:52,619 --> 00:00:55,455

with particles the
size of a fist.

15

00:00:56,823 --> 00:01:00,026

Although Voyager 2 discovered
10 new Uranian moons,

16

00:01:00,026 --> 00:01:01,828

the most eagerly
anticipated event

17

00:01:01,828 --> 00:01:04,964

was the close
encounter with Miranda,

18

00:01:04,964 --> 00:01:09,302

one of the most bizarre
moons in our solar system.

19

00:01:09,302 --> 00:01:11,137

Close ups of Miranda
revealed a strange

20

00:01:11,137 --> 00:01:13,073

and wondrous landscape,

21

00:01:14,207 --> 00:01:16,910

including a canyon
12 miles deep.

22

00:01:18,945 --> 00:01:21,648

Miranda may have collided
with another moon, shattered,

23

00:01:21,648 --> 00:01:23,349

and then by the force
of its own gravity

24

00:01:23,349 --> 00:01:27,687

slowly reassembled itself into
this chunk of rock and ice.

25

00:01:27,687 --> 00:01:30,557

[gentle music]

26

00:01:30,557 --> 00:01:33,359

These digitized photographs
are a silent testament