



Goddard
GLOSSARY

sprites



1
00:00:04,370 --> 00:00:02,030
Sprites no we're not talking about

2
00:00:05,870 --> 00:00:04,380
fairies or soda today Sprites are huge

3
00:00:07,430 --> 00:00:05,880
bursts of red light that form high in

4
00:00:09,710 --> 00:00:07,440
Earth's atmosphere above thunderstorms

5
00:00:11,330 --> 00:00:09,720
their large-scale electrical discharges

6
00:00:13,190 --> 00:00:11,340
of air that form after a powerful

7
00:00:14,810 --> 00:00:13,200
lightning blast they come in various

8
00:00:16,670 --> 00:00:14,820
shapes and sizes sometimes looking like

9
00:00:17,630 --> 00:00:16,680
a huge red jellyfish glowing in the

10
00:00:19,310 --> 00:00:17,640
night sky

11
00:00:21,109 --> 00:00:19,320
unlike hot lightning Sprites are

12
00:00:22,189 --> 00:00:21,119
relatively cool and best viewed from

13
00:00:24,050 --> 00:00:22,199

hundreds of miles away from a

14

00:00:25,370 --> 00:00:24,060

thunderstorm they're fairly Elusive and

15

00:00:26,929 --> 00:00:25,380

it can be hard to predict where and when

16

00:00:29,089 --> 00:00:26,939

a Sprite will appear the first Sprite

17

00:00:30,830 --> 00:00:29,099

was only captured on film in 1989.

18

00:00:32,089 --> 00:00:30,840

however eyewitness reports stay back

19

00:00:33,590 --> 00:00:32,099

almost a century

20

00:00:34,910 --> 00:00:33,600

so we're still learning more about what

21

00:00:37,250 --> 00:00:34,920

causes them and how they influence

22

00:00:38,690 --> 00:00:37,260

Earth's upper atmosphere in fact anyone

23

00:00:40,430 --> 00:00:38,700

who captures pictures of Sprites from

24

00:00:42,049 --> 00:00:40,440

the ground can submit their images to

25

00:00:44,209 --> 00:00:42,059

help scientists study Sprites and other

26

00:00:46,190 --> 00:00:44,219

similar phenomena and by the way it's

27

00:00:47,750 --> 00:00:46,200

not just Earth the Juno Mission predicts

28

00:00:49,490 --> 00:00:47,760

that Sprites can exist in Jupiter's

29

00:00:50,990 --> 00:00:49,500

atmosphere as well Jupiter's