



1  
00:00:04,710 --> 00:00:02,550  
nasa has mobilized its remote sensing

2  
00:00:07,430 --> 00:00:04,720  
assets to help assess the spread and

3  
00:00:09,110 --> 00:00:07,440  
impact of the deep water horizon bp oil

4  
00:00:11,350 --> 00:00:09,120  
spill in the gulf of mexico at the

5  
00:00:12,549 --> 00:00:11,360  
request of u.s disaster response

6  
00:00:14,789 --> 00:00:12,559  
agencies

7  
00:00:18,070 --> 00:00:14,799  
nasa deployed its instrumental research

8  
00:00:20,950 --> 00:00:18,080  
aircraft the earth resources 2 or er-2

9  
00:00:22,790 --> 00:00:20,960  
to the gulf on may 6. the er-2 is

10  
00:00:25,589 --> 00:00:22,800  
outfitted with the airborne visible

11  
00:00:27,750 --> 00:00:25,599  
infrared imaging spectrometer or avaris

12  
00:00:29,990 --> 00:00:27,760  
and the cirrus digital camera system to

13  
00:00:32,069 --> 00:00:30,000

collect detailed images of the spill and

14

00:00:34,549 --> 00:00:32,079

the coastal wetlands it threatens

15

00:00:37,190 --> 00:00:34,559

another nasa research aircraft the king

16

00:00:39,350 --> 00:00:37,200

air b200 from langley research center

17

00:00:42,150 --> 00:00:39,360

also began flights over the area of the

18

00:00:43,510 --> 00:00:42,160

oil spill on may 10. our airborne assets

19

00:00:44,950 --> 00:00:43,520

we have several instruments but one of

20

00:00:47,270 --> 00:00:44,960

the instrument is called the avarice

21

00:00:49,590 --> 00:00:47,280

instrument and it is able we are

22

00:00:52,150 --> 00:00:49,600

believed to be able to detect the

23

00:00:54,549 --> 00:00:52,160

thickness of the oil to separate the

24

00:00:57,430 --> 00:00:54,559

sheen which is a very thin film from

25

00:01:00,229 --> 00:00:57,440

where the primary mass of the oil is and

26  
00:01:02,790 --> 00:01:00,239  
that's important to know because we want

27  
00:01:04,710 --> 00:01:02,800  
to be able to direct the boats and the

28  
00:01:07,429 --> 00:01:04,720  
skimmers to be able to

29  
00:01:09,750 --> 00:01:07,439  
corral that oil the agency is also

30  
00:01:12,070 --> 00:01:09,760  
making extra satellite observations and

31  
00:01:13,750 --> 00:01:12,080  
conducting additional data processing to

32  
00:01:15,830 --> 00:01:13,760  
assist the national oceanic and

33  
00:01:17,990 --> 00:01:15,840  
atmospheric administration the u.s

34  
00:01:19,990 --> 00:01:18,000  
geological survey and the department of