



1
00:00:02,040 --> 00:00:04,630
NASA has taken to the skies of Alaska

2
00:00:04,670 --> 00:00:08,920
An airborne study conducted in partnership with the U.S. Forest Service

3
00:00:09,300 --> 00:00:13,140
aims to complete a detailed survey of the Tanana Valley Forests

4
00:00:13,500 --> 00:00:17,480
The 115 million acres of forest in Interior Alaska

5
00:00:17,600 --> 00:00:24,550
is particularly prone to wild fires and represents 15 percent of all forested land in the U.S.

6
00:00:24,900 --> 00:00:29,660
Since the 1950's, 40 to 50 percent of the landscape has been burned

7
00:00:30,000 --> 00:00:34,550
The study will sample more than 80 percent of the burned areas by plane

8
00:00:34,900 --> 00:00:38,370
Live trees can be distinguished from standing dead trees

9
00:00:38,500 --> 00:00:43,030
using an instrument that maps the composition and 3D structure of the wilderness