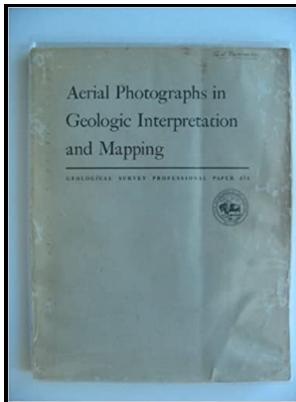


Aerial photographs in geological interpretation and mapping

U.S. govt. printing office - The use of aerial photographs and other images in geological mapping (1978 edition)



Description: -

- Aerial photographs in geological interpretation and mapping
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Notes: Includes bibliographies.

This edition was published in 1960



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Aerial photo interpretation and mapping

This document has undergone official review and approval for publications established by the National Mapping Division, U. S. Geological Survey. NASA aerial photographs may be available in black and white, natural color, or color infrared. To learn more about the process On the Cutting Edge uses for activity review, see.

Aerial Photographs in Geologic Interpretation and Mapping

These topics are followed by discussions on interpretation of the aerial photographs encoded into a map. The subsequent chapters deal with the properties of the aerial photograph, including the scale, parallax and their difference. Most satellite scenes can be obtained only in digital form for use in computer-based image processing and geographic information systems, but in some cases are also available as photographic products.

The use of aerial photographs and other images in geological mapping (1978 edition)

Figure 17: Golden Gate Bridge, San Francisco, Calif. Although cameras have also been carried on spacecraft such as the Space Shuttle, satellites more frequently use electronic scanners to record ground scenes in digital form. The signal strikes the ground and is reflected and scattered.

Aerial Photographs in Geologic Interpretation and Mapping

These sensors record reflected or emitted energy in the visible, near-infrared, and thermal-infrared portions of the spectrum. Astronauts aboard the Space Shuttle, which began flying in 1981, have taken many photographs of the Earth with hand-held cameras.

Aerial photo interpretation and mapping

The USGS also has information about images available from other Government and State agencies and commercial sources.

Aerial Photographs and Satellite Images

This project focuses on the integration of remotely-sensed data with direct observation to develop and test hypotheses regarding the geology and structure of a well-defined field area.

Photogeology and Regional Mapping

Landsats 2 through 5 were launched in 1975, 1978, 1982, and 1984.

Related Books

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