

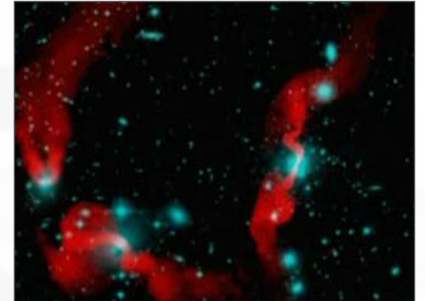
EARTH SCIENCES DVD

Cat.# AB-13D - CORE ASTRONOMY



Core Astronomy examines the key points in the development of astronomy, beginning with Greek astronomer Ptolemy's earth centered paradigm to Nicolaus Copernicus' introduction of a sun centered solar system, and Isaac Newton's three laws of motion. It then examines the discovery of Neptune, Einstein's theories of Special and General Relativity, Hubble's expanding universe, and the discoveries of quasars, white dwarfs, neutron stars, pulsars and black holes, and finally ends with astronomy's modern frontiers - the great attractor, dark matter and life existing on an extrasolar planet.

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Cat.# AB-9D - CORE GEOLOGY

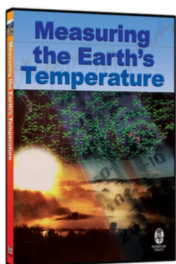


Not since the discovery of gold in 1848 has the understanding of the world's geology been more important to the welfare of the nation. Throughout history the rise and fall of civilizations has been propelled by the abundance and scarcity of valued resources. At no time has this been truer than in the 21st century. Whether it is the search for oil or silicon to make microchips or uranium to run power plants, the search is directed by geologists. In Core Geology, the building blocks of this most contemporary science are laid out in a logical order, including the meaning of the fossil record.

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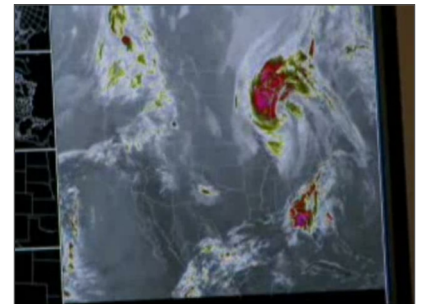


Cat.# AB-1D - MEASURING THE EARTH'S TEMPERATURE

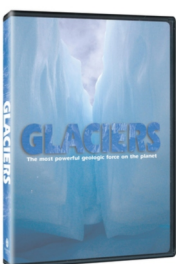


Starting with temperature records collected over 100 years ago, Measuring the Earth's Temperature takes the viewer from the earliest weather stations and balloon launches, to a network of super weather stations constructed in the 21st century.

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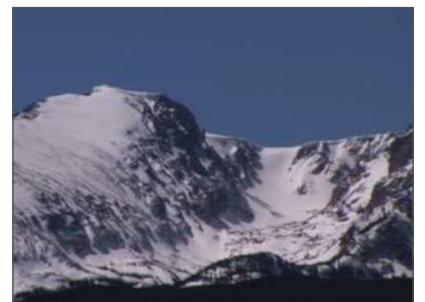


Cat.# AB-4D - GLACIERS

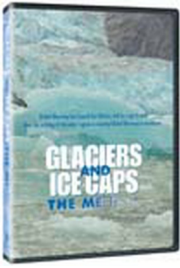


The most powerful geologic force on the planet - glaciers. Glaciers can dominate an entire continent ... Can reshape a continent's surface features in the blink of a geologic eye ... All the spectacular mountain peaks that inspire us have been shaped by glaciers. Includes interviews with leading glacial experts from around the country.

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Cat.# AB-3D - **GLACIERS AND ICE CAPS: THE MELTING**

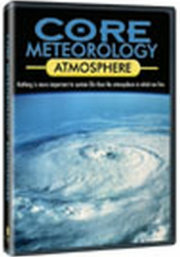


The change from a solid state, snow and ice, to a liquid state, water, makes the Arctic sensitive to climate change and introduces many dangerous positive feedback loops that can drive sudden detrimental climate shifts. Detrimental climate shifts that can affect the whole planet and human civilization. Includes interviews with leading glacial experts from around the country.

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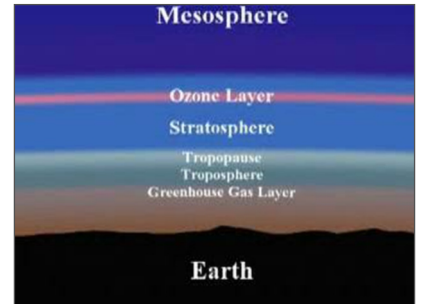


Cat.# AB-5D - **CORE METEOROLOGY: ATMOSPHERE**

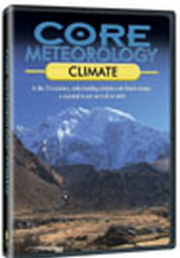


This program presents the principles of atmospheric dynamics. The Earth's atmosphere is a dynamic balance of gases and sunlight that allows for the possibility of life. The Earth's atmosphere has a unique composition, structure and life sustaining Bio/Geo/Chemical cycles in its lower reaches. The program also shows how these atmospheric elements are being impacted by the unprecedented burning of fossil fuels.

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Cat.# AB-6D - **CORE METEOROLOGY: CLIMATE**



This program clearly defines what climates are ... Presents the relationships between climates and biomes, and climates and people ... And describes the six major climate types. Lastly, it shows how weather extremes play a major role in each climate type.

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Cat.# AB-7D - **CORE METEOROLOGY: WEATHER**



This program presents the principles of weather dynamics. It shows how weather conditions are measured, How computer models are used to predict the weather and, The special role of moisture in producing weather phenomena ... And finally, the impact of hazardous weather..

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See prices for these DVD titles on [page 23](#)