



# Geology of New York : A Simplified Account

*Yngvar W. Isachsen*

Download now

[Click here](#) if your download doesn't start automatically

# Geology of New York : A Simplified Account

*Yngvar W. Isachsen*

## **Geology of New York : A Simplified Account** Yngvar W. Isachsen

This 300 page book is profusely illustrated with nearly 200 figures. It explains how the State's bedrock was formed and how its landscape evolved. This publication is essentially a reprint of the 1st edition: modifications include several changes in geologic age dates and in stratigraphic tables. Major improvements are the addition of a subject index, a list of illustrations, and a list of tables. The State's bedrock geology and glacial features are discussed by region so readers can focus easily on the many examples of geologic phenomena in every part of the state. A detailed table of contents and summaries at the beginning of each chapter guide the reader to specific information. Chapters 1-3 provide a context for grasping the big picture. This section discusses the enormity of geologic time to help the reader appreciate how slowly many spectacular geologic events unfold. It explains continental drift with the plate tectonic theory. This theory describes the earth as a heat engine that operates with incomparable slowness. Continents drift about, oceans open and close, mountains build and erode...This theory provides a theme that connects and explains the major events of geologic history. Chapters 4-10 describe the bedrock of New York State by region. These chapters focus not only on what type of rock is present but also on how it came to be there. The seven regions covered are the Adirondack Mountains, Hudson Highlands and Manhattan Prong, Hudson-Mohawk Lowlands and Taconic Mountains, Northern Lowlands and Tug Hill Plateau, Erie Lowlands and Allegheny Plateau, Newark Lowlands, and Atlantic Coastal Plain. Much of the section on surface deposits (Chapters 11-14) is devoted to the Ice Age. Chapter 12 sums up the history of the Pleistocene Epoch in New York State. Chapter 13 lists glacial features found across the state today. Also included in the section are chapters on the Tertiary period (before the Ice Age) and the Holocene Epoch (after the Ice Age). Chapters 15-18 discuss how the geologic environment influences human activity. Topics covered are mineral resources, surface water, groundwater, earthquakes, and engineering geology. Technical terms are defined when they first appear in the text and are compiled in a glossary, as well. The glossary, which defines 800 words and phrases, is an invaluable tool for readers with little or no background in geology. An appendix contains drawings of common fossils, a physiographic map of the U.S., a map of New York's fault systems, a series of 61 block diagrams showing the plate tectonic evolution of eastern North America, and a list of statewide maps related to geology that are available from the New York State Museum. This publication includes a separate full color folded sheet (22 X 56 inches, printed on both sides) titled the "New York State Geologic Highway Map", as part of its illustrations. This sheet includes four parts: Plate 1, A View from Space: New York and Surrounding Areas; Plate 2, Geologic Map and Cross Sections (both Plates 1 & 2 at 1:1,000,000 scale for easy comparison); Plate 3, Legend for the Geologic Map (laid out as a state-wide stratigraphic correlation chart); Plate 4 includes two New York regional maps, a physiographic map and a tectonic map and two index maps of New York, one of routes of geological field guides and one of points of geological interest. This Highway Map illustrates many of the concepts in the book.

 [Download Geology of New York : A Simplified Account ...pdf](#)

 [Read Online Geology of New York : A Simplified Account ...pdf](#)

## **Download and Read Free Online Geology of New York : A Simplified Account Yngvar W. Isachsen**

---

### **From reader reviews:**

#### **Nancy Fisher:**

What do you about book? It is not important together with you? Or just adding material when you really need something to explain what the ones you have problem? How about your free time? Or are you busy person? If you don't have spare time to complete others business, it is make one feel bored faster. And you have free time? What did you do? All people has many questions above. They have to answer that question simply because just their can do this. It said that about guide. Book is familiar in each person. Yes, it is suitable. Because start from on jardín de infancia until university need this specific Geology of New York : A Simplified Account to read.

#### **Lanell Sessions:**

The reason why? Because this Geology of New York : A Simplified Account is an unordinary book that the inside of the book waiting for you to snap it but latter it will zap you with the secret the item inside. Reading this book beside it was fantastic author who else write the book in such amazing way makes the content on the inside easier to understand, entertaining approach but still convey the meaning entirely. So , it is good for you because of not hesitating having this ever again or you going to regret it. This unique book will give you a lot of positive aspects than the other book include such as help improving your expertise and your critical thinking way. So , still want to delay having that book? If I ended up you I will go to the guide store hurriedly.

#### **Everette Murray:**

Playing with family within a park, coming to see the sea world or hanging out with good friends is thing that usually you have done when you have spare time, and then why you don't try issue that really opposite from that. 1 activity that make you not sense tired but still relaxing, trilling like on roller coaster you are ride on and with addition info. Even you love Geology of New York : A Simplified Account, you could enjoy both. It is very good combination right, you still wish to miss it? What kind of hang-out type is it? Oh can occur its mind hangout folks. What? Still don't understand it, oh come on its identified as reading friends.

#### **Doris Whobrey:**

As we know that book is very important thing to add our know-how for everything. By a e-book we can know everything we would like. A book is a range of written, printed, illustrated or blank sheet. Every year has been exactly added. This publication Geology of New York : A Simplified Account was filled regarding science. Spend your time to add your knowledge about your scientific disciplines competence. Some people has distinct feel when they reading a book. If you know how big good thing about a book, you can feel enjoy to read a reserve. In the modern era like right now, many ways to get book that you just wanted.

**Download and Read Online Geology of New York : A Simplified Account Yngvar W. Isachsen #N12E0ZL79RK**

## **Read Geology of New York : A Simplified Account by Yngvar W. Isachsen for online ebook**

Geology of New York : A Simplified Account by Yngvar W. Isachsen Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Geology of New York : A Simplified Account by Yngvar W. Isachsen books to read online.

### **Online Geology of New York : A Simplified Account by Yngvar W. Isachsen ebook PDF download**

**Geology of New York : A Simplified Account by Yngvar W. Isachsen Doc**

**Geology of New York : A Simplified Account by Yngvar W. Isachsen Mobipocket**

**Geology of New York : A Simplified Account by Yngvar W. Isachsen EPub**