

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
J.W. POWELL DIRECTOR

ATLAS

TO ACCOMPANY THE MONOGRAPH

ON THE

TERTIARY HISTORY

OF THE

GRAND CAÑON DISTRICT

BY

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LIST OF ATLAS SHEETS.

- SHEET I. Title page and Table of Contents.
- SHEET II. Sketch map showing the approximate distribution of the strata in the western part of the Southern Plateau Province. Scale, $\frac{1}{1,000,000}$. The topography of the colored portion is compiled by J. H. Renshawe, from data and surveys by the U. S. Geographical and Geological Survey of the Rocky Mountain Region. J. W. Powell in charge, and by the United States Geological Survey, Clarence King, Director. The topography of the uncolored portion is compiled largely from surveys under the direction of Capt. George M. Wheeler, U. S. Engineers. Geology by C. E. Dutton.
- SHEET III. Sketch map showing the approximate arrangement of the principal faults and displacements in the District of the High Plateaus, and in the Grand Cañon District. The topography is the same as that of the preceding sheet.
- SHEET IV. Panoramic view of the Temples and Towers of the Virgen. Drawn by William H. Holmes.
- SHEET V. View of the Toroweap Valley looking north from Vulcan's Throne, and view of the Uinkaret Plateau looking northwest from the same standpoint. The two views are continuous. Drawn by William H. Holmes.
- SHEET VI. View looking eastward from Vulcan's Throne disclosing the Inner Gorge of the Grand Cañon, the great esplanade, and the upper or outer walls on either hand. Drawn by William H. Holmes.
- SHEETS VII and VIII. Map of the Uinkaret Plateau. Topography by J. H. Renshawe. Geology by C. E. Dutton. Scale, one mile to the inch.
- SHEET IX. Panoramic views from the summit of Mount Trumbull, on the Uinkaret Plateau, looking eastward and southward, with distant glimpses of the Kanab division of the Grand Cañon and some of its lateral gorges.
- SHEET X. Two views—one looking northward from the summit of Mount Trumbull, the other looking north and northeast from the summit of Mount Emma—exhibiting the basaltic cinder cones of the Uinkaret Plateau. Drawn by William H. Holmes.
- SHEETS XI, XII, XIII, and XIV. Map of the southern portion of the Kaibab Plateau, and of the Kaibab division of the Grand Cañon, and of the lower portion of the Marble Cañon. Topography by Sumner H. Bodfish, and geology by C. E. Dutton. Scale, one mile to the inch. The inner gorge, designated as an Archæan area, contains remnants of Silurian strata, the extent and distribution of which are not at present accurately known.
- SHEETS XV, XVI, and XVII. The Panorama from Point Sublime in the Kaibab. The three sheets form one continuous panorama. Drawn by William H. Holmes.
- SHEET XVIII. The Transept. View of a lateral gorge opening into one of the branches of the Bright Angel Amphitheater in the Kaibab. Drawn by Thomas Moran.
- SHEET XIX. View looking from the eastern brink of the Kaibab, and overlooking the Marble Cañon Platform. Drawn by William H. Holmes.
- SHEETS XX, XXI, XXII, and XXIII. Sheets from the General Topographic and Geologic Atlas of the United States Geological Survey.

It is to be regretted that the survey of this portion of the country is not yet sufficiently advanced to admit of the construction of two additional sheets required to complete the cartography of the Grand Cañon District. It was desired that this atlas should contain the two sheets lying west of Sheets XXII and XXIII of this atlas, but although much material has been obtained for their construction, much more is still required. No attempt to supply the defect has, therefore, been made in the present work.