

# PLEISTOCENE GLACIATION IN THE UPPER PLATE RIVER DRAINAGE BASIN, COLORADO

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## INTRODUCTION

A major goal of the Upper Plate River Drainage Basin (UPDRB) project is to determine the timing and extent of Pleistocene glaciation in the basin. This report provides a synthesis of the current understanding of the glacial history of the basin, based on a review of the literature and field observations. The UPDRB is a large, high-altitude basin in the central Colorado Rockies, and its glacial history is complex and controversial. This report summarizes the current understanding of the glacial history of the basin, based on a review of the literature and field observations. The UPDRB is a large, high-altitude basin in the central Colorado Rockies, and its glacial history is complex and controversial. This report summarizes the current understanding of the glacial history of the basin, based on a review of the literature and field observations.

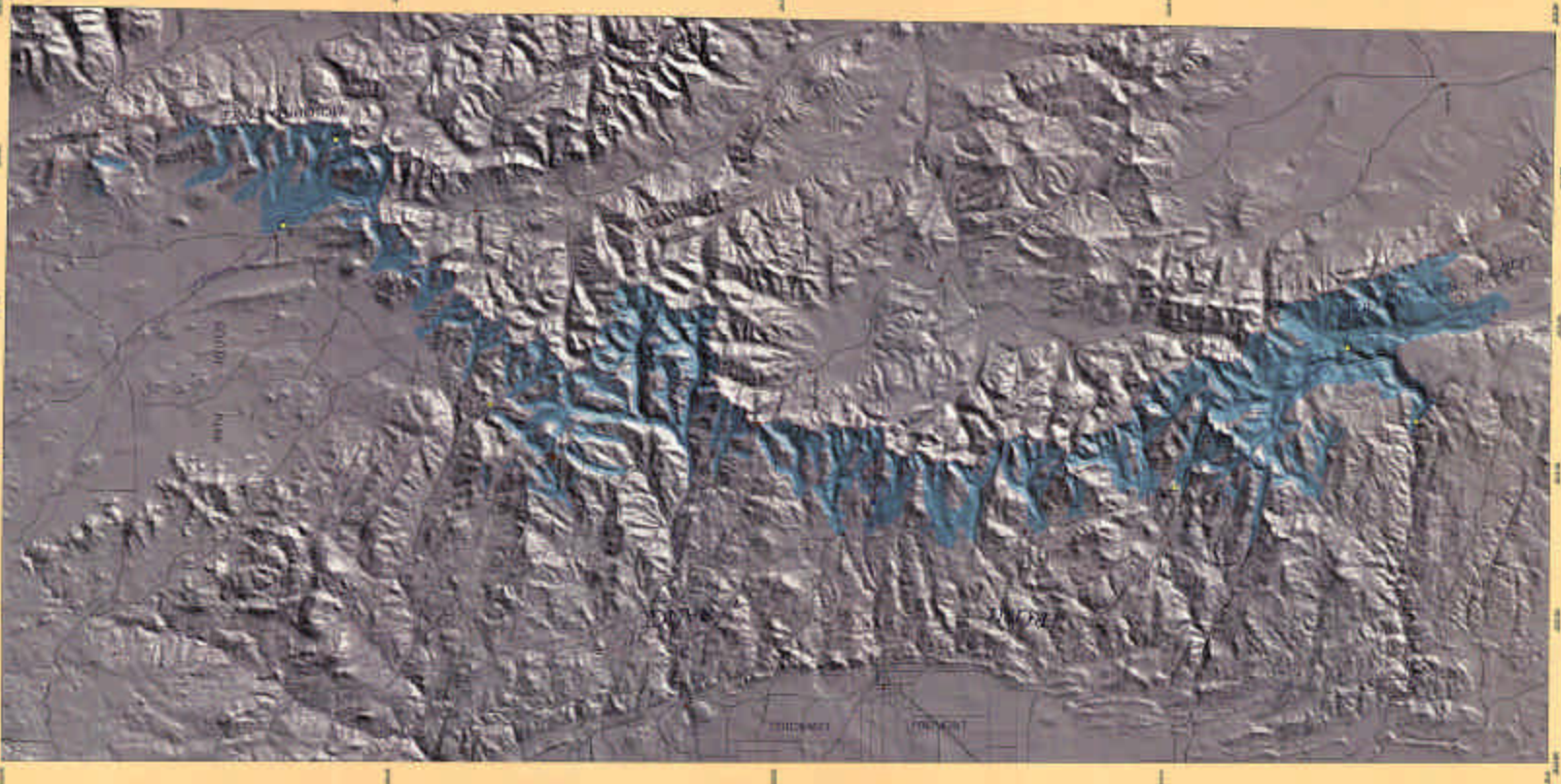
## ACQUISITION AND DISSEMINATION

This report was prepared as part of the Upper Plate River Drainage Basin (UPDRB) project, which is a cooperative effort between the U.S. Geological Survey (USGS) and the Colorado State University (CSU). The project is funded by the USGS and the CSU. The report is intended to provide a synthesis of the current understanding of the glacial history of the basin, based on a review of the literature and field observations. The report is intended to provide a synthesis of the current understanding of the glacial history of the basin, based on a review of the literature and field observations.



STATE	COUNTY	TOWNSHIP	RANGE	SECTION
Colorado	Garfield	10N	65W	36
Colorado	Garfield	10N	65W	37
Colorado	Garfield	10N	65W	38
Colorado	Garfield	10N	65W	39
Colorado	Garfield	10N	65W	40
Colorado	Garfield	10N	65W	41
Colorado	Garfield	10N	65W	42
Colorado	Garfield	10N	65W	43
Colorado	Garfield	10N	65W	44
Colorado	Garfield	10N	65W	45
Colorado	Garfield	10N	65W	46
Colorado	Garfield	10N	65W	47
Colorado	Garfield	10N	65W	48
Colorado	Garfield	10N	65W	49
Colorado	Garfield	10N	65W	50

UNIT	AGE	THICKNESS	DESCRIPTION
1	10N	100-200'	Upper Plate River Drainage Basin
2	10N	100-200'	Upper Plate River Drainage Basin
3	10N	100-200'	Upper Plate River Drainage Basin
4	10N	100-200'	Upper Plate River Drainage Basin
5	10N	100-200'	Upper Plate River Drainage Basin
6	10N	100-200'	Upper Plate River Drainage Basin
7	10N	100-200'	Upper Plate River Drainage Basin
8	10N	100-200'	Upper Plate River Drainage Basin
9	10N	100-200'	Upper Plate River Drainage Basin
10	10N	100-200'	Upper Plate River Drainage Basin
11	10N	100-200'	Upper Plate River Drainage Basin
12	10N	100-200'	Upper Plate River Drainage Basin
13	10N	100-200'	Upper Plate River Drainage Basin
14	10N	100-200'	Upper Plate River Drainage Basin
15	10N	100-200'	Upper Plate River Drainage Basin
16	10N	100-200'	Upper Plate River Drainage Basin
17	10N	100-200'	Upper Plate River Drainage Basin
18	10N	100-200'	Upper Plate River Drainage Basin
19	10N	100-200'	Upper Plate River Drainage Basin
20	10N	100-200'	Upper Plate River Drainage Basin
21	10N	100-200'	Upper Plate River Drainage Basin
22	10N	100-200'	Upper Plate River Drainage Basin
23	10N	100-200'	Upper Plate River Drainage Basin
24	10N	100-200'	Upper Plate River Drainage Basin
25	10N	100-200'	Upper Plate River Drainage Basin
26	10N	100-200'	Upper Plate River Drainage Basin
27	10N	100-200'	Upper Plate River Drainage Basin
28	10N	100-200'	Upper Plate River Drainage Basin
29	10N	100-200'	Upper Plate River Drainage Basin
30	10N	100-200'	Upper Plate River Drainage Basin



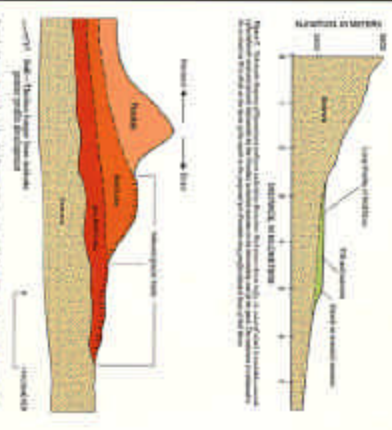
**MAJOR GLACIAL FEATURES**

The glacial history of the UPDRB is complex and controversial. The basin is characterized by a series of high-altitude plateaus and valleys, which were once covered by extensive glaciers. The glacial history of the basin is characterized by a series of high-altitude plateaus and valleys, which were once covered by extensive glaciers. The glacial history of the basin is characterized by a series of high-altitude plateaus and valleys, which were once covered by extensive glaciers.



**CONCLUSIONS**

The glacial history of the UPDRB is complex and controversial. The basin is characterized by a series of high-altitude plateaus and valleys, which were once covered by extensive glaciers. The glacial history of the basin is characterized by a series of high-altitude plateaus and valleys, which were once covered by extensive glaciers. The glacial history of the basin is characterized by a series of high-altitude plateaus and valleys, which were once covered by extensive glaciers.



**ACKNOWLEDGMENTS**

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**REFERENCES**

Meade, R.F., Yaneskie, D., and Mihaluk, J.A., 2004. Pleistocene glacial history of the Upper Plate River Drainage Basin, Colorado. *USGS Open-File Report 2004-100*.