UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1230-C
PLATE 1

SOURCES OF GEOLOGIC MAPPING

SOURCES OF STRUCTURE-CONTOUR DATA

EXPLANATION

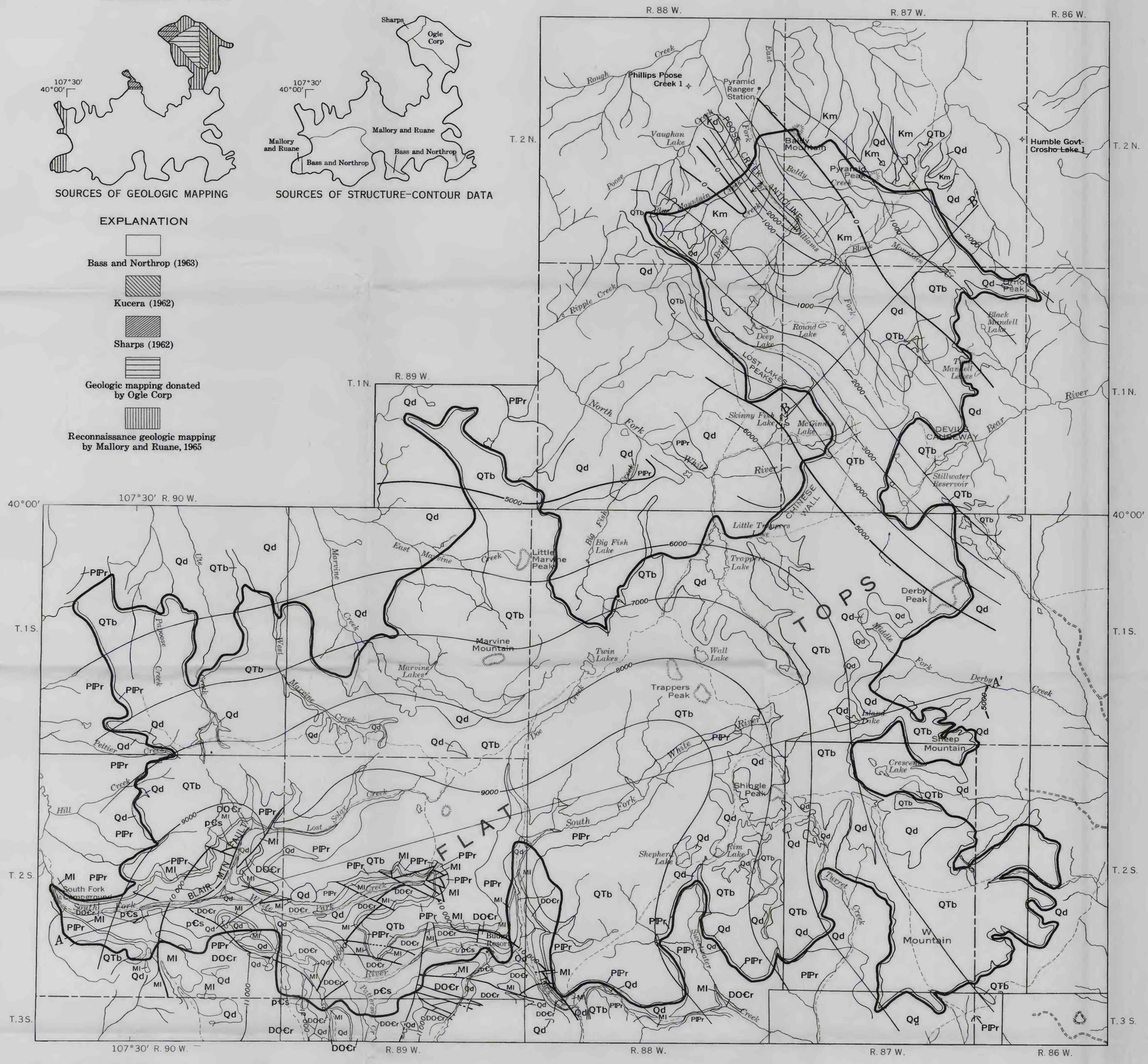
Bass and Northrop (1963)

Kucera (1962)

Sharps (1962)

Geologic mapping donated by Ogle Corp

Reconnaissance geologic mapping by Mallory and Ruane, 1965



EXPLANATION

Qd	Glacial, landslide, and alluvial deposits	Miocene (?) to Pleistocene (?)	QUATERNARY AND TERTIARY (?)
QTb	Basalt flows and intrusives		
Km	Mancos Shale	Upper Cretaceous	CRETACEOUS
Kd	Dakota Sandstone	Lower Cretaceous	
Jm	Morrison Formation *In sections only*	Upper Jurassic	JURASSIC
JTr	Curtis, Entrada, Chinle, and Moenkopi Formations *In sections only*		TRIASSIC
PIPr	Weber, Maroon, Eagle Valley, Belden, and Molas Formations		PERMIAN PENNSYLVANIAN
MI	Leadville Limestone		MISSISSIPPIAN CARBONIFEROUS
DO€r	Chaffee, Manitou, Dotsero, and Sawatch Formations		CAMBRIAN, ORDOVICIAN, AND DEVONIAN
p€s	Schist, granite, greenstone, and pegmatite		PRECAMBRIAN

Contact, approximately located

Fault
Dashed where approximately located; dotted where concealed

Structure contours
Drawn on top of the Leadville Limestone; interval 1,000 feet; datum is mean sea level

Approximate boundary of Flat Tops primitive area

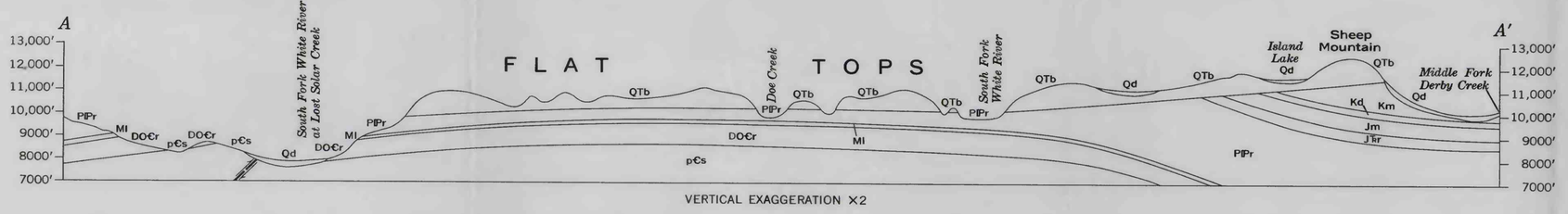
Base by U.S. Geological Survey

APPROXIMATE MEAN DECLINATION, 1966

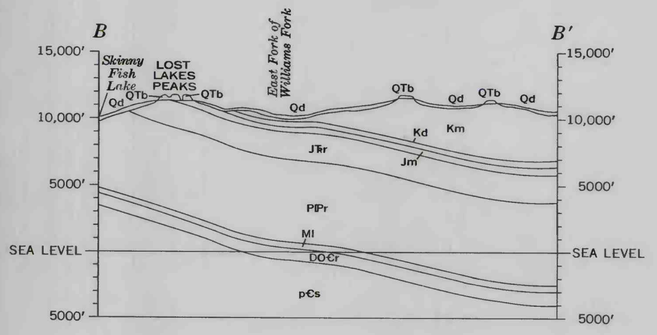
1 0 1 2 3 4 5 6 7 8 9 10 MILES

1 0 1 2 3 4 5 6 7 8 9 10 KILOMETERS

DATUM IS MEAN SEA LEVEL



VERTICAL EXAGGERATION ×2



GEOLOGIC AND STRUCTURE-CONTOUR MAP OF FLAT TOPS PRIMITIVE AREA, COLORADO