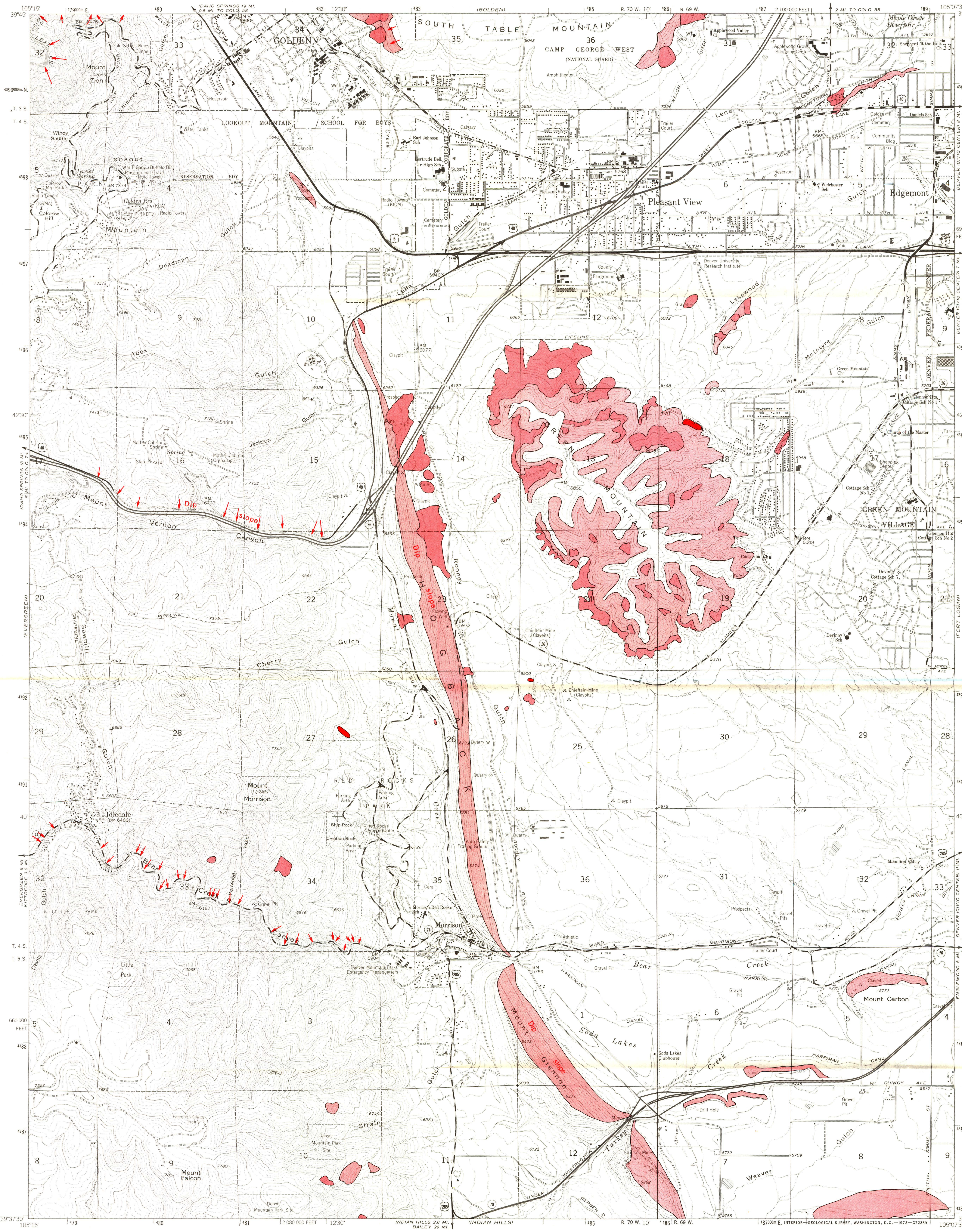
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

FOLIO OF THE
MORRISON QUADRANGLE, COLORADO
MAP I-790-B



Base from U.S. Geological Survey, 1965
Photorevised in 1972
10,000-foot grid based on Colorado coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 13

APPROXIMATE MEAN DECLINATION, 1972

SCALE 1:24 000
1 ½ 0 1 MILE
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

QUADRANGLE LOCATION

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1972—G72359

Contacts derived directly or by interpretation from geologic map of Morrison Quadrangle (I-790-A)

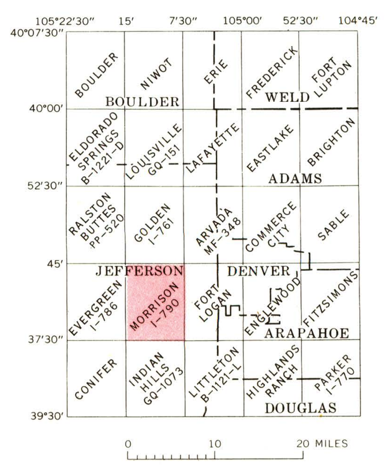
EXPLANATION

LANDSLIDE (EARTHFLOW) DEPOSITS OF AT LEAST THREE GENERATIONS ON STEEP SLOPES – Younger landslides have formed out of older landslides on Green Mountain showing that older slides are not necessarily stable

ACTIVE LANDSLIDE – Slides were moving in 1971

POTENTIAL ROCKFALL – Arrow shows direction of movement. Only those slopes that pose a potential rockfall hazard to existing highways or structures are shown. Other steep slopes will pose a rockfall hazard in the future

AREA SUSCEPTIBLE TO SLIDING – Ground that might slide if dug into or watered too much. In addition, dipslopes, such as the east face of the Dakota hogback, are unstable if dug into; sliding slabs of sandstone along the Alameda Parkway cause a continuous removal problem



INDEX SHOWING LOCATION OF MORRISON QUADRANGLE

MAP SHOWING LANDSLIDES AND AREAS SUSCEPTIBLE TO LANDSLIDING IN THE MORRISON QUADRANGLE, JEFFERSON COUNTY, COLORADO

By
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1972