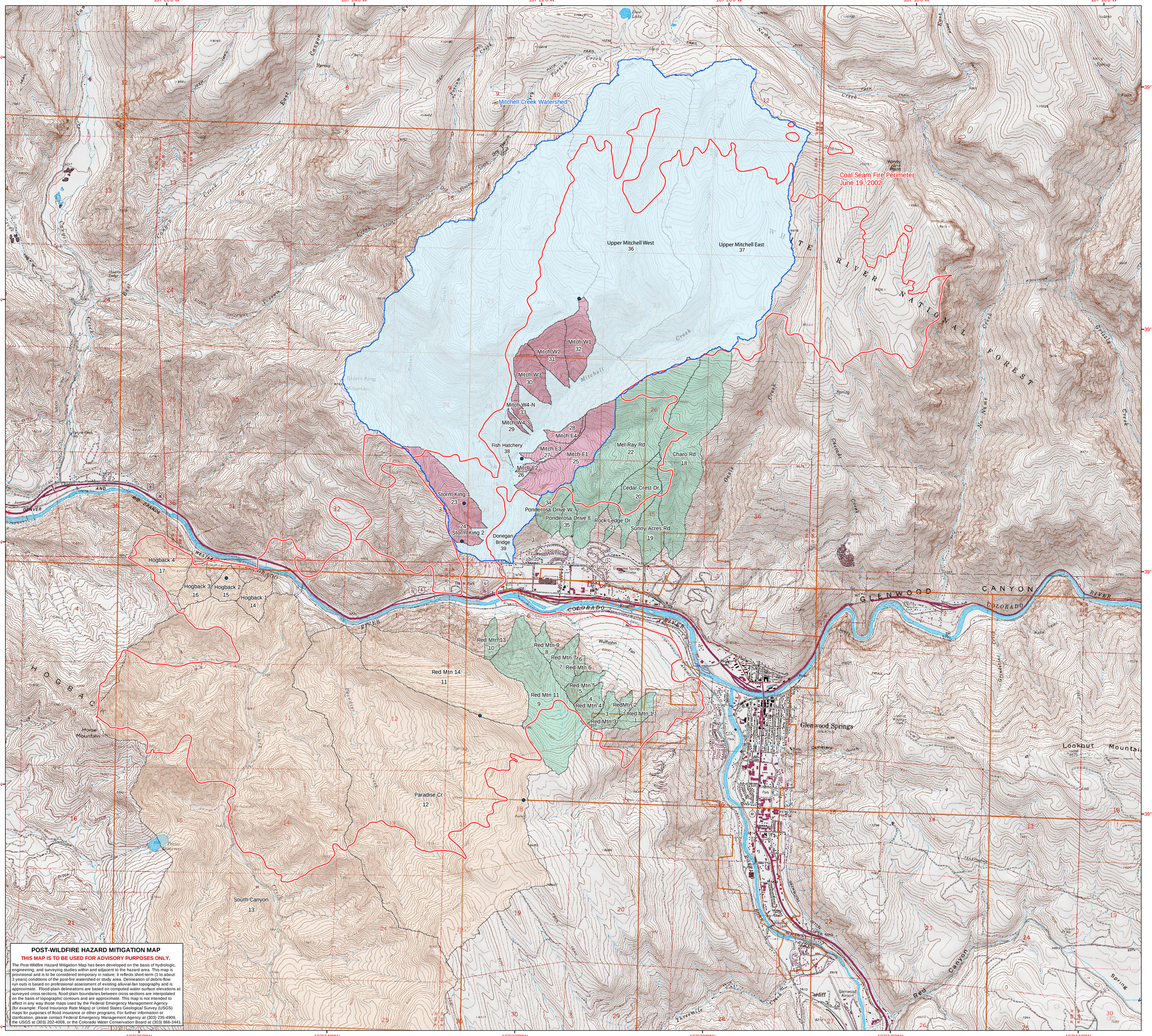
# Post-Wildfire Hazard Mitigation Map

## Coal Seam Drainage Basin Overview Map

## Debris-Flow Study Areas - Figure 17

SCIENTIFIC INVESTIGATIONS REPORT 2004–5300
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY




### POST-WILDFIRE HAZARD MITIGATION MAP

**THIS MAP IS TO BE USED FOR ADVISORY PURPOSES ONLY.**

The Post-Wildfire Hazard Mitigation Map has been developed on the basis of hydrologic, engineering, and surveying studies within and adjacent to the hazard area. This map is provisional and is to be considered temporary in nature; it reflects short-term (1 to about 3 years) conditions of the post-fire watershed or study area. Delineation of debris-flow run outs is based on professional assessment of existing alluvial-fan topography and is approximate. Flood-plain delineations are based on computed water-surface elevations at surveyed cross sections; flood-plain boundaries between cross sections are interpolated on the basis of topographic contours and are approximate. This map is not intended to affect in any way those maps used by the Federal Emergency Management Agency (for example: Flood Insurance Rate Maps) or United States Geological Survey (USGS) maps for purposes of flood insurance or other programs. For further information or clarification, please contact Federal Emergency Management Agency at (303) 235-4909, the USGS at (303) 202-4008, or the Colorado Water Conservation Board at (303) 866-3441.

Map projected to the North American Datum of 1927 (NAD27).
Projection Universal Transverse Mercator, Zone 13.
The Coal Seam fire perimeter was generated by the USDA Forest Service, compiled on June 19, 2002.
Flood Insurance Rate Maps provided by the Federal Emergency Management Agency.
Drainage basin and alluvial fan boundaries generated by the U.S. Geological Survey.
Digital Raster Graphics for the Coal Seam Wildfire Area were photo-revised in July 2002 from 1999 photography.

**Scale 1:22,000**

0 495 990 1,980 2,970 3,960 Meters

0 0.25 0.5 1 1.5 2 Miles

N W E S

Map produced at the USGS Rocky Mountain Mapping Center in cooperation with the Federal Emergency Management Agency for the Post-Wildfire Hazards Interagency Group.

**EXPLANATION**

Basins
- Potential debris flow not analyzed
- Potential debris flow analyzed
- Used in hydrologic models
- Used both in debris flow and hydrologic models

- Precipitation gages
- Mitchell Creek drainage basin
- Flood Insurance Rate Map index
- Coal Seam fire perimeter

Red Mtn 1 - Tributary basin name and number as presented in tables 4 and 5 and Appendix 5