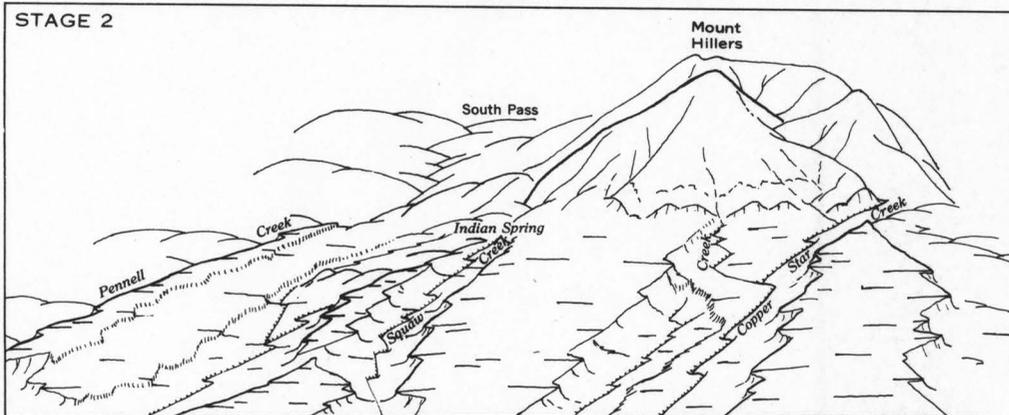
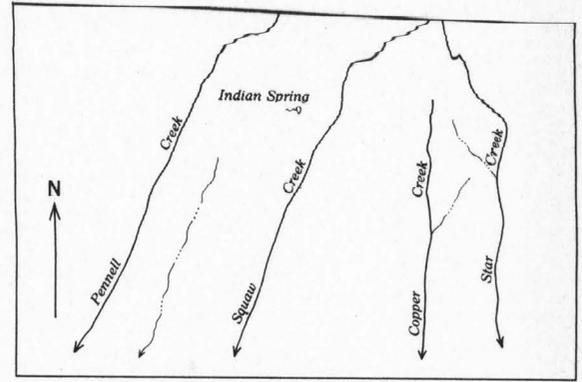
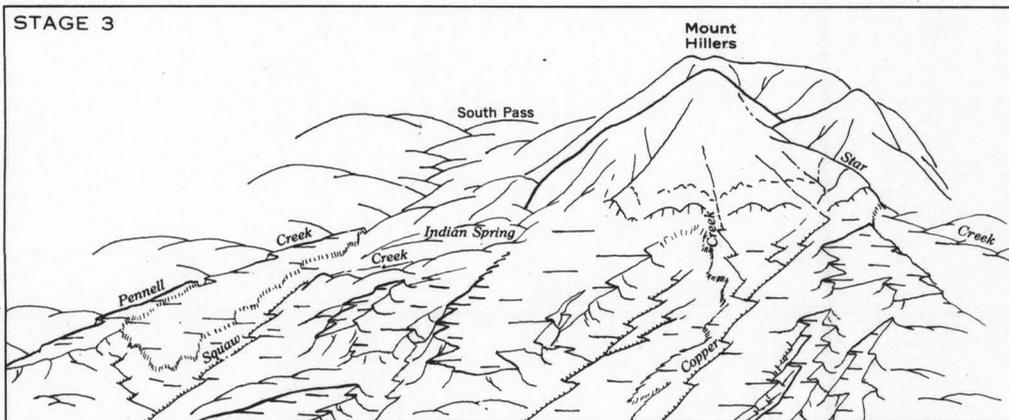
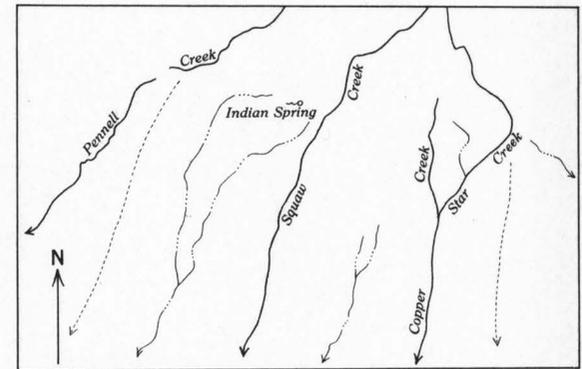


Pennell Creek, Squaw Creek, Copper Creek, and Star Creek are independent streams. West of Pennell Creek is a higher gravel-covered surface on which the creek formerly flowed and still farther west is a broad valley.

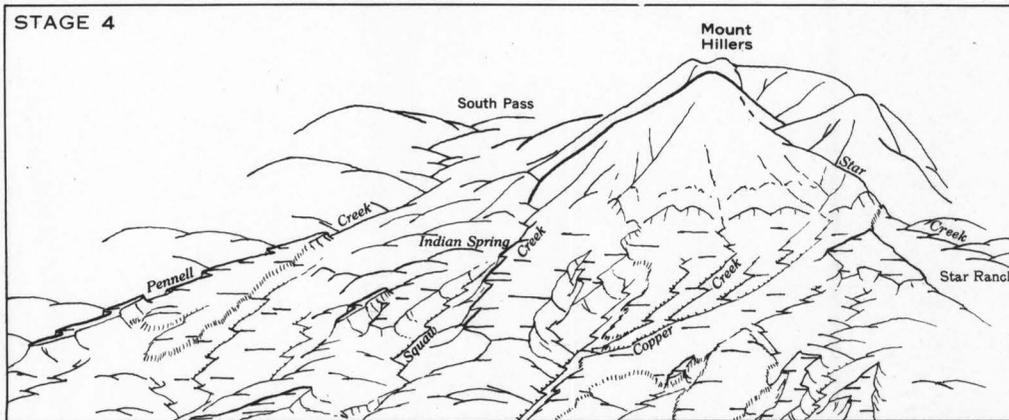
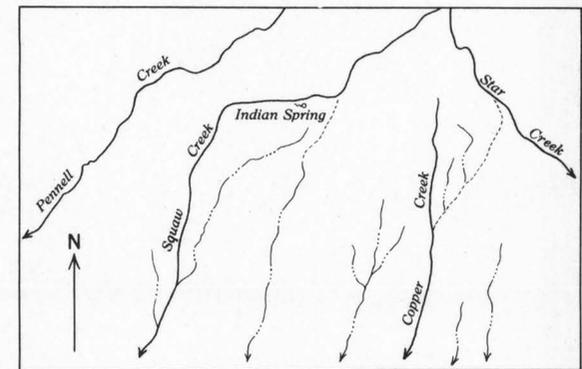
A pediment is developing east of Pennell Creek. Squaw Creek is in a valley incised into the broad gravel-covered pediment on which the Creek formerly flowed. A valley is being eroded headward just west of Copper Creek, which is on a gravel-covered pediment a little below the gravel-covered surface on which Star Creek flows.



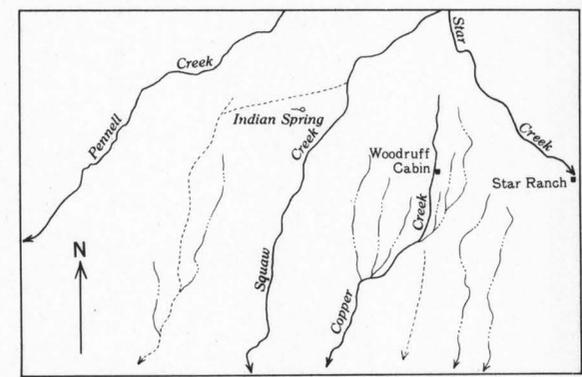
Pennell Creek has been diverted westward and the surface on which it flowed during Stage 1 is being dissected. A pediment has been eroded in the vicinity of Indian Spring. The valley of Squaw Creek has been greatly widened. A tributary of Copper Creek has captured Star Creek. A pediment has formed along the valley west of Copper Creek.



The surface on which Pennell Creek flowed during Stage 1 has been considerably reduced. Squaw Creek has been diverted onto the pediment near Indian Spring. A broad pediment has developed along the wash west of Copper Creek. Star Creek has been diverted eastward.



The course of Pennell Creek has not changed. Squaw Creek has been diverted eastward. The gravel-covered pediment remnants between Pennell and Squaw Creeks are now drained by small washes and along some of them gravel-free pediments are forming. Copper Creek has been diverted onto the pediment to the west and has aggraded it with fanglomerate. At the foot of the scarp west of Copper Creek a still lower surface is being eroded and similar low surfaces are being eroded at the lower edge of the Copper Creek bench. Star Creek has maintained its course to the east and remnants of the surface on which it flowed during Stage 1 divide it from Copper Creek.



1 0 5 miles

DIAGRAMMATIC VIEWS AND SKETCH MAPS ILLUSTRATING DRAINAGE CHANGES SOUTH OF MOUNT HILLERS