

Displacement transfer at Top McMillan Stream. A) Location map showing fault scarps, Tekapo and Mount John treads, moraines, and the approximate positions of fault scarp surveys. B) Perspective image of survey data collected for fault scarps across the prominent transfer zone. C) and D) present displacement and slip rate profiles, respectively, measured from profiled fault scarps. Note the overall linear gradient in displacement and slip rate to the east and the overall displacement minima for the summed, composite profile across the transfer zone.