

ENGINEERING AND SCIENCE

IN THIS ISSUE



ON THE COVER is an aerial photograph of one of the many branches of California's famous San Andreas fault. This very noticeable earthquake line, located just north of Indio, was caused by earthquakes in prehistoric times. On page 17, Clarence Allen, assistant professor of geology at Caltech, tells what we can expect from the San Andreas fault in the future.

Allen's interest in earth surfaces began when he was an aerial navigator of a B-29 in World War II. After the war he entered Reed College in Portland, Oregon, but found that he couldn't take a geology course there, so he ended up with a BA in physics instead, in 1949. This led naturally to the study of geophysics when he came to Caltech to get his MS in 1951, and his PhD in 1954.

After a year of teaching at the University of Minnesota, he returned to Caltech in 1955 as assistant professor of geology. His background in geophysics, physics, and geology—plus a good working knowledge of seismology—comes in handy for his current research on the San Andreas fault.

PICTURE CREDITS

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