GEOPHYSICAL RESEARCH LETTERS, VOL. 25, NO. 19, PAGES 3665-3668, OCTOBER 1, 1998

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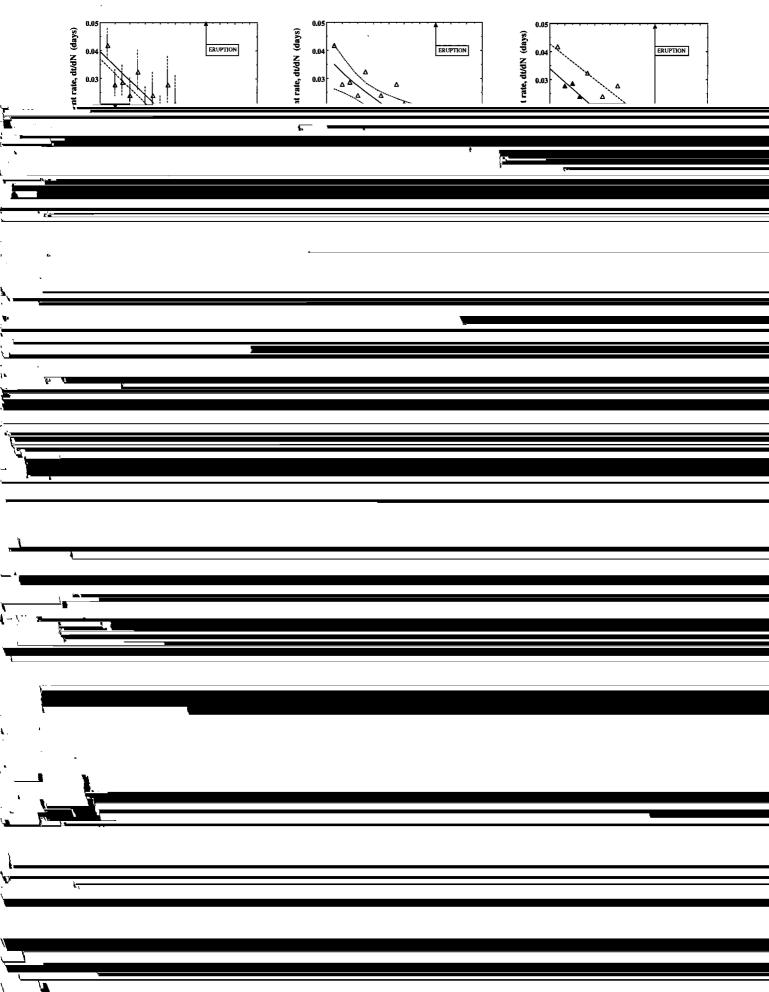
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increase exponentially with the length of the crack [Main et al., 1993]. Extrapolating laboratory results to large-scale failure, the

(1) the rate of fracture growth is accelerating, and (2) fracturing is occurring at shorter distances from the monitoring equipment, hulk rock strain s due to a nonulation of fractures is expected to ______thereby increasing the proportion of small events. (e g in a

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$d\varepsilon/dt = (d\varepsilon/dt)_0 e^{\lambda(t-t_0)} e^{\alpha(\varepsilon-\varepsilon_0)} $ (2) where $(d\varepsilon/dt)_0$ is the bulk strain rate at time, t_0 , λ is an empirical	is the increase in seismicity due to accelerated fracture growth, and so the effect of a changing source position must be filtered out.
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KILBURN AND VOIGHT: SLOW ROCK FRACTURE AS ERUPTION PRECURSOR



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	dome [Jackson et al., this issue] suggests an eruption about	measurement (SSAM) analyses with the Materials Failure
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