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## Pacific Equatorial Turbulence: Revisited

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### ABSTRACT

Turbulence measurements from the central equatorial Pacific in February 1982 have been analyzed and compared to synoptic CTD and current velocity profiles and current meter data. These suggest considerably more time (if not space) variability than had previously been anticipated. Above 300 m at the equator the turbulence levels were greater but less than previous equatorial measurements, and turbulent patches occurred more frequently than elsewhere in the open ocean. Below 300 m the occurrence of turbulent patches was less frequent than in other regions of the ocean, except for the persistence of a patch at 500 m.

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