

## CDMG strong-motion instrumentation program

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CDMG's Strong-Motion Instrumentation Program (CSMIP) recovered records from several California earthquakes occurring since April 1992:

Earthquake	Date	MS	ML	Stns
Joshua Tree/Desert Hot Springs	22Apr92		6.1	16+
Cape Mendocino/Petrolia	25Apr92	6.9	6.4	14
Aftershock No. 1	26Apr92	6.2	6.2	14
Aftershock No. 2	26Apr92	6.5	6.4	14
Landers	28Jun92	7.5		144
Big Bear	28Jun92	6.5		

Processing these records is under way. Other agencies also have networks that produced records from some or all of these events. These include the US Geological Survey, the University of Southern California, Southern California Edison, and Caltech. In addition, private building owners have instruments in their buildings.

The close-in records from the Cape Mendocino earthquake afford an opportunity to test the capability of an SMA-1 film-recording accelerograph to provide, after digitizing, processing, and integrating, a permanent ground displacement offset. Geologic, tidal, and levelling evidence indicates a vertical offset in the location of one of the stations of approximately one metre. It appears possible that the vertical component of CSMIP's Cape Mendocino record confirms this.