

1 March 2005  
4:30 PM EDT

An earthquake of magnitude M 5.7 was felt at offshore Colima, Z= 26km  
18.91N 104.24W on 2005/02/28 01:06

(<http://earthquake.usgs.gov/recenteqsww/Quakes/usvaa3.htm>)

Initial reports of damage are slight. EQECAT scientists are currently monitoring this event.

A review of the EQECAT earthquake stochastic set identifies events that closely resemble this event:

Event id	Magnitude	long	lat
20685	5.75	-104.138	18.864
20908	5.75	-104.234	18.944
27814	5.75	-104.091	18.824
43592	5.75	-104.171	18.715
50045	5.75	-104.282	18.984
50835	5.75	-104.269	18.797
78311	5.75	-104.186	18.904
79756	5.75	-104.318	18.838
79938	5.75	-104.367	18.879
94248	5.75	-104.22	18.756

The average ground up damage from all these events is approx \$54 million with a minimum of \$17 million and maximum of 127 million. The damage from the closest event, which is event id 27814, is approx \$58 million. There is tremendous modeling uncertainty for market losses from small magnitude events such as this.

