

NEW 2002 FAULT-MODEL FILES

NEW FAULT-DATA FILES FOR USE WITH EQFAULT DERIVED FROM CGS DATA

New, sample fault-data files are available for use with EQFAULT. Those files contain data for 222, digitized, late-Quaternary, California faults (each with assigned seismic parameters). Those files were adapted and modified primarily from the California Geological Survey's 2002 fault-database for the state of California. The files for EQFAULT (CGSFLTE.DAT) model the fault sources using three-dimensional articulated planar segments. The EQFAULT files contain maximum magnitudes, fault types, and 3-D geometries for each of the faults. Although most of the data in the files were derived from the CGS 2002 sources, some of the data were modified. Therefore, it is important for the user thoroughly review all of the data included in the sample files to confirm his concurrence with the parameters selected. In recognition of the potential for differing professional opinions regarding which faults to consider and what parameters should be assigned to each, users can modify the data files to create custom fault-data files. The distribution files include copies of the new, modified and adapted sample fault-data files, spreadsheet files (that were used to calculate the rupture-scenario contributions), maps of the modeled faults (in MapViewer .gsm, AutoCAD .dwg, and Adobe Acrobat .pdf formats), fault-data sheets, and the original CGS fault-coordinates data files. Also included are .pdf copies of the references that document the CGS 2002 fault model.

To aid consultants in their development of custom seismic hazards models, CGS released the coordinates of the fault sources used by CGS in the development of the state's probabilistic hazard maps. Those coordinates were modified, so that they could be read by EQFAULT, and used to develop the sample fault models described herein. As a condition of the release of those coordinates, CGS requires the user to sign the CGS Fault-Data-File License Agreement.

The cost for the new fault-data files is \$50.00 (+ tax and \$5.00 shipping). If you want to obtain a copy of the data files, please use this form. If you have any questions, or if you want to place an order, please contact us. Remember to fill out and sign the CGS license agreement (even if your company has previously done so). The fault-data files and supporting documentation will be mailed to you, upon receipt of your check and the signed License Agreement. If you have any questions, please contact us. (Web site address: <http://thomasblake.com/>)

Please make check payable to: _____ Copy of New Sample Fault-Data Files for EQFAULT (CD
only (\$35.00 each set + tax & \$5.00 shipping)

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Prepayment required.
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