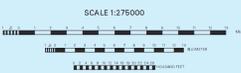


This shaded relief map was prepared from a compilation of 204 digital elevation models (DEM's) within the San Francisco Bay area. The grid cell spacing of the 7.5 minute DEM's is 30 meters. The Bay Region elevation grid has 7743 cells in the east-west direction and 7423 cells in the north-south direction. The shaded relief image was illuminated from the west-northwest (azimuth 315 degrees) by a simulated sun 45 degrees above the horizon. The lightest areas are fully illuminated, steep slopes; gray tones show gently sloping topography; and the darkest tones are steep slopes in shadow. A vertical exaggeration of 2X has been applied to bring out relief detail. As a result, ridges appear to be twice as high as they actually are, and valleys twice as deep. Data compiled by S.E. Graham.



SHADED RELIEF MAP OF THE SAN FRANCISCO BAY REGION, CALIFORNIA

By
Scott E. Graham and Richard J. Pike
1997



U.S. Department of the Interior
United States Geological Survey

Base scanned from U.S. Geological Survey Bay Region Topographic Sheets, scale 1:25,000, 1970 (Aiken, D.S., 1997, USGS OFR 97-500)

Shaded relief base derived from Graham, S.E., and Pike, R.J., 1997, USGS OFR 97-745 B

Universal Transverse Mercator projection, Zone 10

This map is a plot derived from data contained in the digital database Open-File Report 97-745, "San Francisco Bay Region Landslide Folio." A PostScript image of this map is included in the Open-File Report, but the Open-File Report does not contain a paper copy of this map. The Open-File Report consists of the digital data and a pamphlet explaining the database and indicating how to obtain the data from which this map was prepared as well as the PostScript image of the map.

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards, or with the North American Stratigraphic Code. Any use of trade names or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

This database, identified as "San Francisco Bay Region Landslide Folio," has been approved for release and publication by the Director of the USGS. Although this database has been subjected to review and is substantially complete, the USGS reserves the right to revise the data pursuant to further analysis and review.

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