DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

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SHEET 1 of 2

RAINFALL ASSOCIATED WITH THE JANUARY 1982 RAINSTORM IN THE SAN FRANCISCO BAY REGION, CALIFORNIA

BY

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1982

January 3-5, 1982 Storm

SCALE 1:250 000

5 0 5 10 15 20 STATUTE MILES

5 0 5 10 15 20 25 30 KILOMETERS

.371+R Rainfall gauge location (approximate); rainfall amount in millimeters; plus indicates minimum rainfall due to gauge overflow; R indicates recording gauge.

▲ Rainfall gauge location of N.O.A.A. observer.

Rainfall data was collected for the January 3-5, 1982 storm, and for the season prior to the storm to permit study of the relation between rainfall and landslides. The initial data set was provided by N.O.A.A. (National Weather Service), the result of a media appeal to private gauge operators. The U.S.G.S. team supplemented this data by contacting state, county, and municipal agencies, and by making local appeals to citizens in areas of sparse data or high damage.

Gauges were read at a variety of times by different observers but the rainfall data generally correspond to the 30 hour storm. Data was gathered from the following sources:

National Weather Service
Private Citizens
Alameda County Flood Control and Water Conservation District,
California Department of Forestry,
California Department of Transportation,
California Department of Parks and Recreation,
East Bay Infiltration/Inflow Study,
East Bay Municipal Utility District,
Marin County Flood Control and Water Conservation District,
Marin Municipal Water District,
San Francisco Water Department, and
Santa Clara Valley Water District.

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