

AUSTRALIAN NATURAL HAZARDS MAP WORKING GROUP This map is a product of an Australian Natural Hazards Map Working Group that was established in 1993 in order to publish a series of regional and national maps of natural hazards in Australia...

CIRCUM-PACIFIC MAP PROJECT The Circum-Pacific Map Project (CPMP) is a cooperative international effort to show the relation of tectonic plates and energy resources to natural hazards and natural resources...

DISCLAIMER Every effort has been made to present information that is accurate as possible within the scale limitations of the map. However, no responsibility is taken for any decision that may be made on the basis of the information presented here.

SOURCES OF DATA CYCLONES Compiled and plotted from the tropical cyclone database of the Australian Bureau of Meteorology (Holburn, 1981), the Fiji Meteorological Service, the New Zealand Meteorological Service, Ltd., and the Guam Joint Typhoon Warning Center...

LANDSLIDES Landslide potential data generated from a large number of sources. Information relies heavily on the maps produced by the U.S. Geological Survey (1982), the U.S. Geological Survey (1983), and the U.S. Geological Survey (1984)...

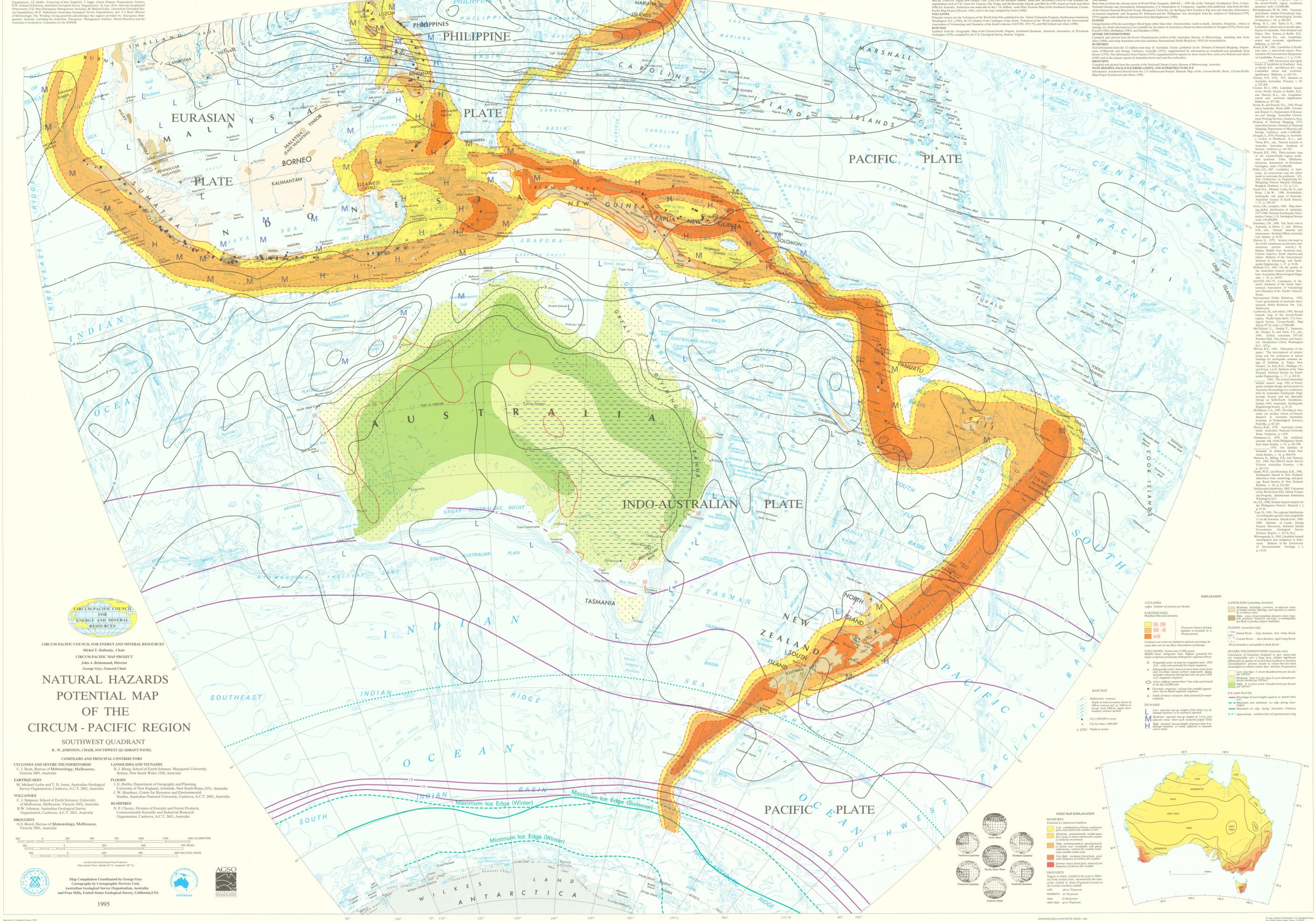
SEVERE THUNDERSTORMS Compiled and plotted from the records of the National Climatic Data Center, Bureau of Meteorology, Australia, and the National Climatic Data Center, Bureau of Meteorology, Australia...

FLOODS Compiled and plotted from the records of the National Climatic Data Center, Bureau of Meteorology, Australia, and the National Climatic Data Center, Bureau of Meteorology, Australia...

ICE AND WAVES Compiled and plotted from the records of the National Climatic Data Center, Bureau of Meteorology, Australia, and the National Climatic Data Center, Bureau of Meteorology, Australia...

Tsunami Compiled and plotted from the records of the National Climatic Data Center, Bureau of Meteorology, Australia, and the National Climatic Data Center, Bureau of Meteorology, Australia...

REFERENCES CITED Allen, S.C., 1985. A Pacific Plate tectonic map of the Pacific Ocean basin based on information in Connor (1989) and Brong and Egan (1989) and in data sets held by the National Research Council, Massachusetts Institute of Technology...



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NATURAL HAZARDS POTENTIAL MAP OF THE CIRCUM-PACIFIC REGION  
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Map Compilation Coordinated by George Goy  
Cartography by Cartographic Services Unit,  
Australian Geological Survey Organisation, Australia  
and Fran Mills, United States Geological Survey, California, USA  
1995

EXPLANATION  
CYCLONES  
- Number of cyclones per decade  
EARTHQUAKES  
Modified Mercalli Intensity  
VII-VIII  
VIII-IX  
IX-X  
X-XI  
XI-XII  
XII  
VOLCANOS  
Active  
Dormant  
Extinct  
FLOODS (Australia only)  
100 year return period  
50 year return period  
20 year return period  
10 year return period  
5 year return period  
2 year return period  
1 year return period  
ICE AND WAVES  
Percentage of wave heights equal to or greater than  
Maximum and minimum ice edge during  
Tsunami  
L  
M  
H  
INSET MAP EXPLANATION  
BUSHFIRES  
Potential for bushfire hazard  
Low  
Medium  
High  
Very High  
DROUGHTS  
Degree to which rainfall in dry years is different from normal years, measured by the ratio of the rainfall in the driest year to the average of the 10 driest years  
100%  
90%  
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70%  
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