

Study of the Extreme Flooding Event in Queensland

December 2010/January 2011.

The student will examine the Queensland flooding event of December 2010 – January 2011.

"The **2010–2011 Queensland floods** is a series of floods in north-eastern Australia, primarily in the state of Queensland. The floods have resulted in the evacuation of thousands of people from the affected towns and cities. At least 22 towns and over 200,000 people have been affected. Damage initially was estimated at around AU\$1bn (£650m)." [Source: http://en.wikipedia.org/wiki/2010--2011_Queensland_floods].

Tasks to be undertaken:

- Examine the historical record of flooding in Queensland
- Put the dec10/Jan11 event in context of climatology
- Investigate the synoptic patterns leading to the floods
- Produce a detailed description of the actual event
- Investigate the possible links of this and similar events with El Niño/La Niña.
- Summarize his/her findings in a report.

