EXTREME RAINFALL OF EACH YEAR FOR SELECTED STATIONS

**Note:** The Precipitation extremes are usually recorded in Nepal during the monsoon months (June-September) especially in the month of July & August and only in some cases the extremes are recorded in the other months. The stations selected in this monitoring shows the maximum rain recorded in the July month in the station at Biratnagar in the Eastern region of Nepal of 405.0mm on 2nd July 1974. This record is observed because Nepal receives the rain from West due to the western disturbance during winter (December-January) and from the East during the Monsoon months. The noticeable rising trend in the extreme rainfall can be observed in most of the cases in the year 1990-1997. There is a break in the peak in the year in most of the station during 1998 (which is recorded to be one of the strongest in El-Niño years). The latest rising trend has been observed to continue from the year 2010 in most of the stations. In most of the cases the record breaking extreme rainfall in a year are observed from the year 2000 onwards.
EXTREME RAINFALL AT DHANGADHI

Extreme rainfall ever recorded: 269.4 mm on 18th August 2009

YEAR

EXTREME RAINFALL AT DIPAYAL

Extreme rainfall ever recorded: 245.7 mm on 6th October 2009

YEAR
EXTREME RAINFALL AT SIMARA
Extreme rainfall ever recorded: 300.3 mm on 1st August 1987

EXTREME RAINFALL AT KATHMANDU AIRPORT
Extreme rainfall ever recorded: 177 mm on 23rd July 2002
Fig: Map of Nepal showing the synoptic stations