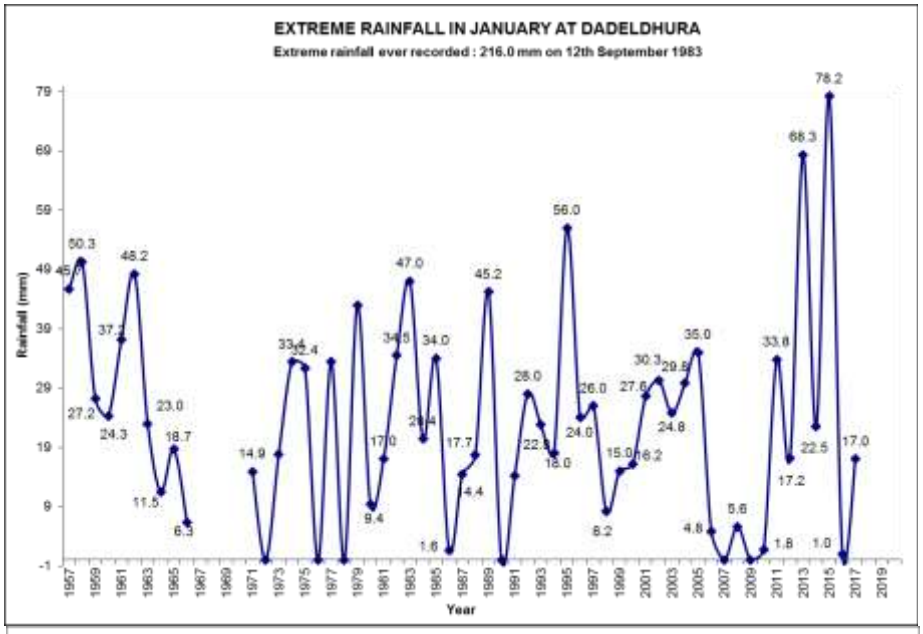
Government of Nepal

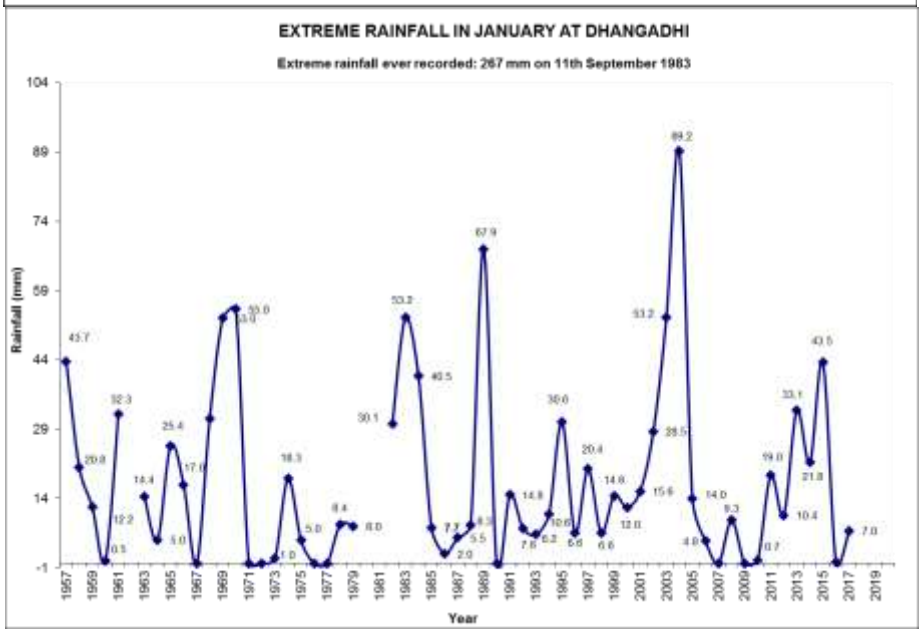
Ministry of Population and Environment
Department of **H**ydrology and **M**eteorology
Nagpokhari, Kathmandu, Nepal.

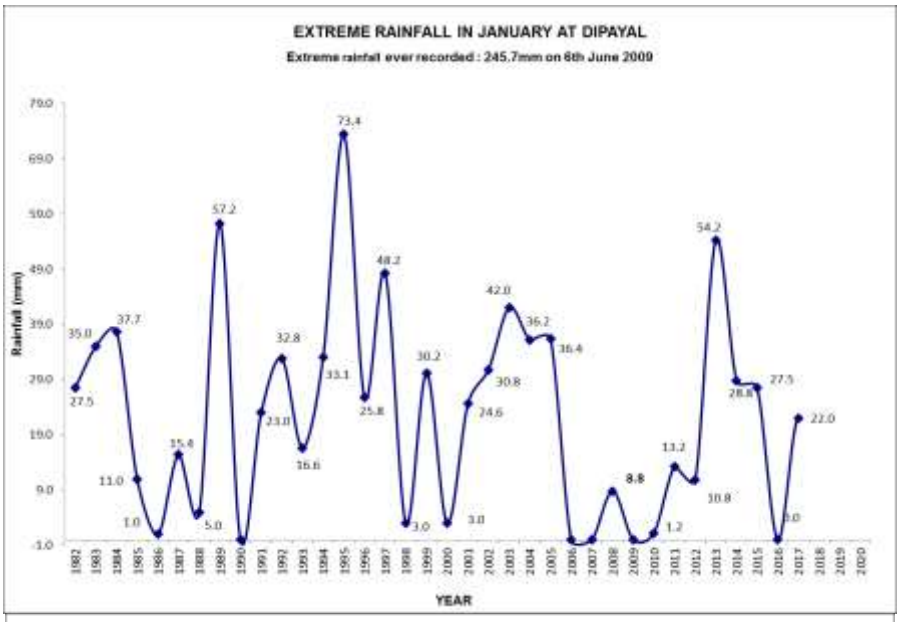
Government of Nepal

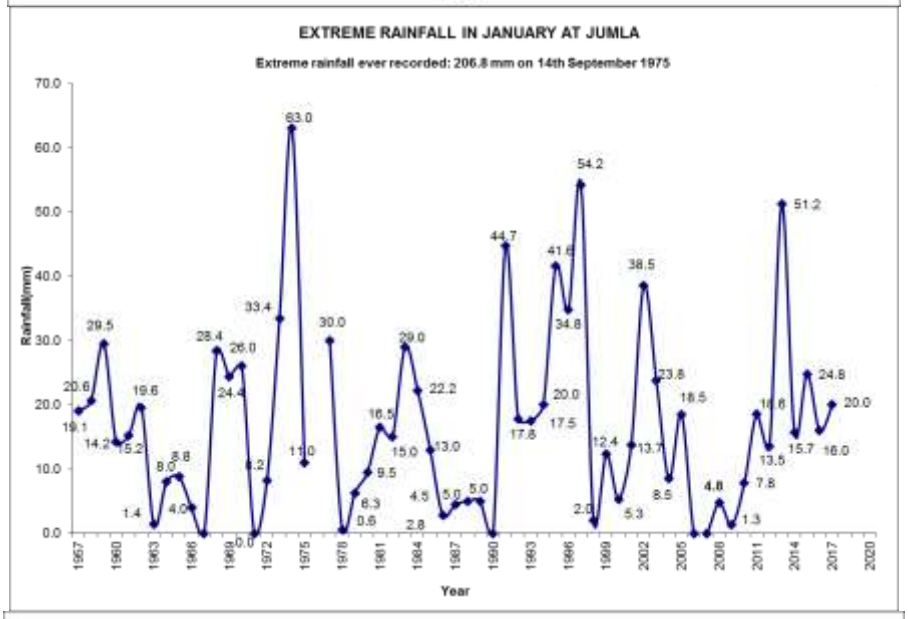
EXTREME RAINFALL OF MONTH JANUARY AT SELECTED STATIONS

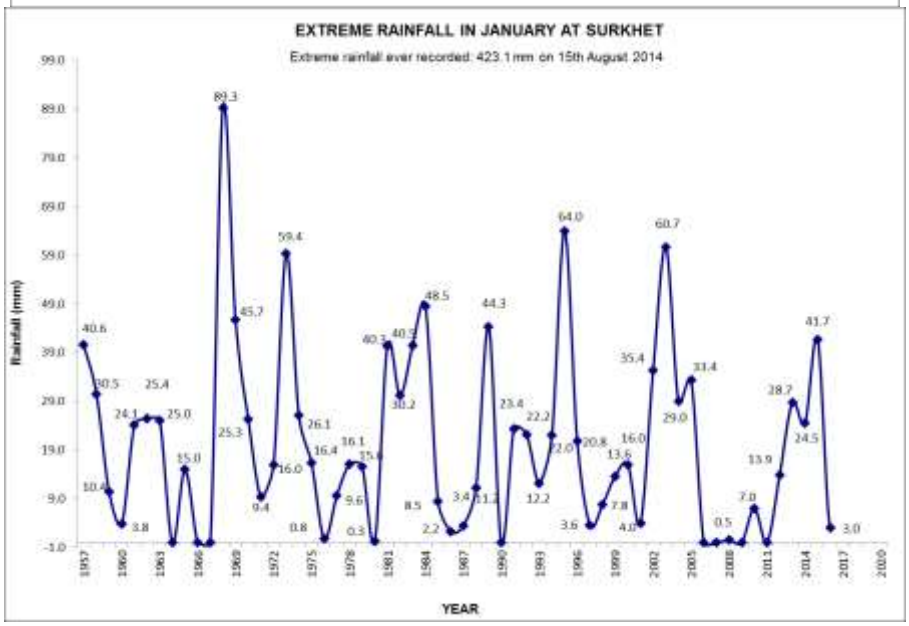
Note: January is the coldest month of the year. It is not the driest month. However it receives less rainfall (Fig:1) compared to other months. The stations selected in this monitoring shows the maximum rain recorded in the January month in the station at Surkhet in the Mid-western region of Nepal of 89.3mm on 29th January 1968. This record is observed because Nepal receives the rain from West due to the western disturbance during winter (December-February) and from the East during the Monsoon months. Rainfall trends in January for the stations selected below are shown in Table 1.

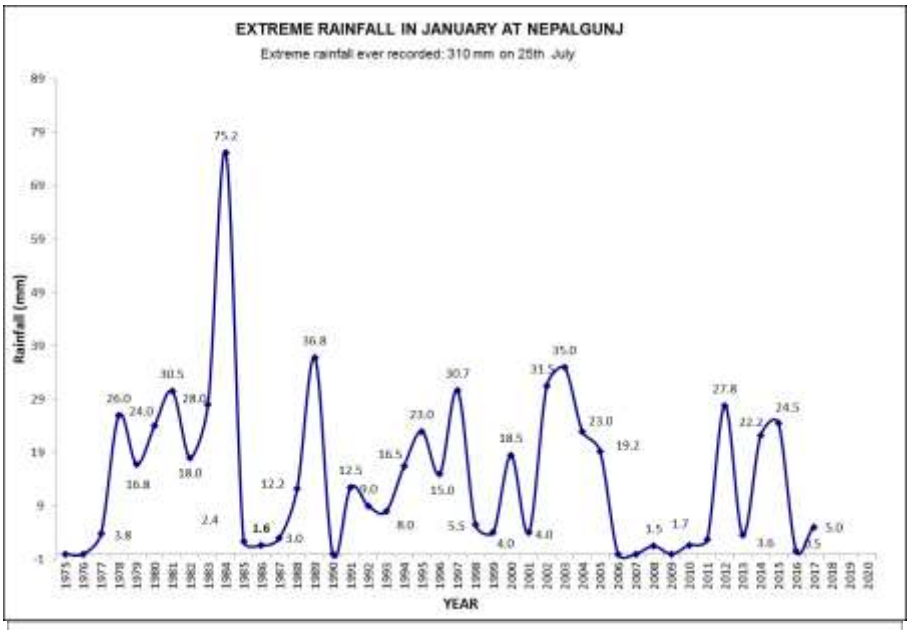


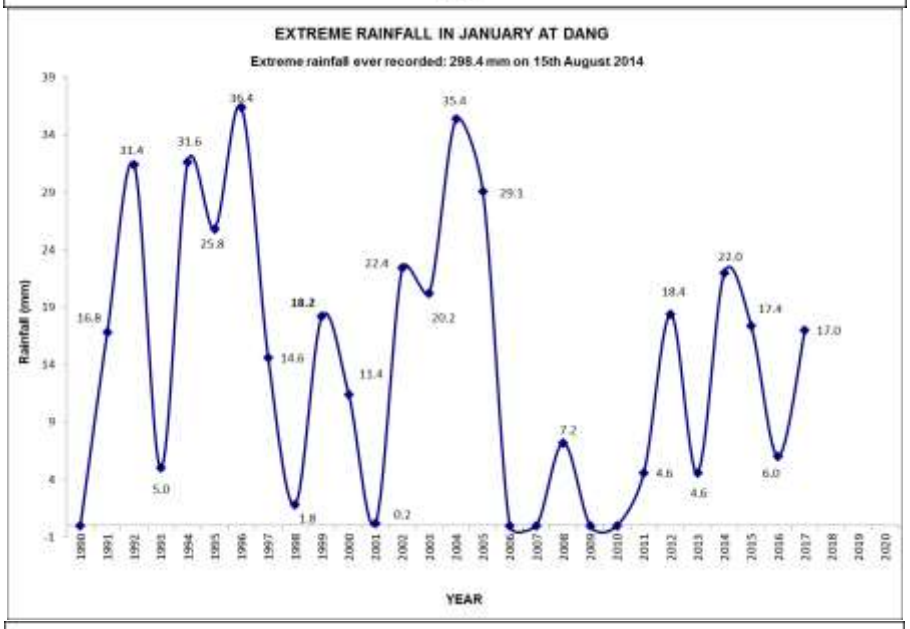


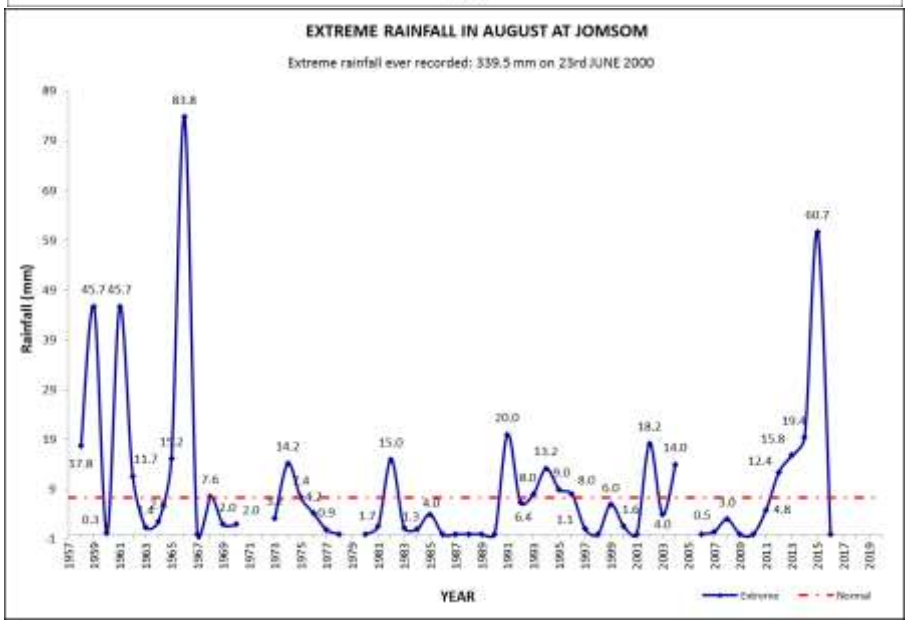

EXTREME RAINFALL IN JANUARY AT DIPAYAL
Extreme rainfall ever recorded : 245.7mm on 6th June 2009
Rainfall (mm)
YEAR

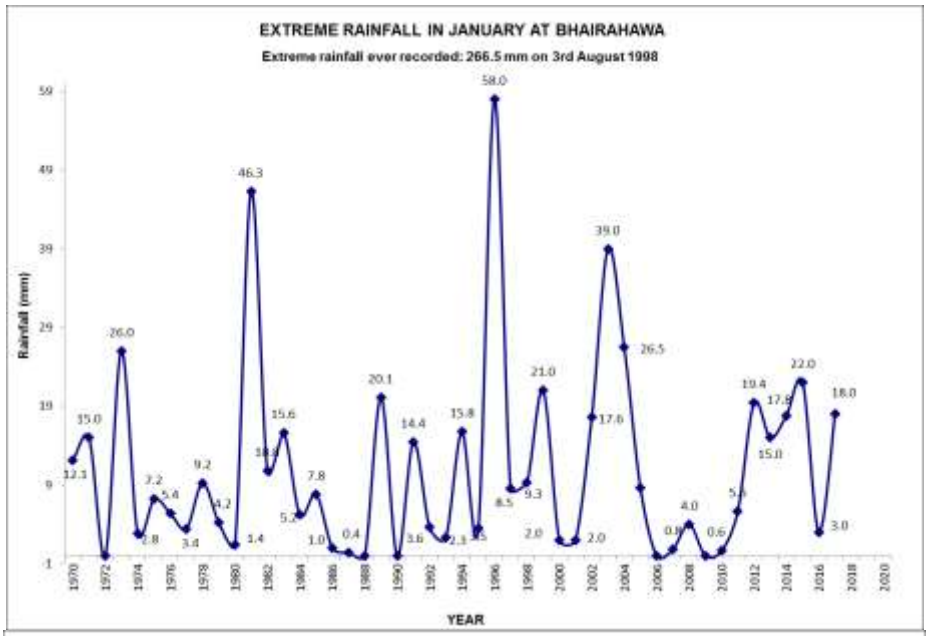

EXTREME RAINFALL IN JANUARY AT JUMLA
Extreme rainfall ever recorded: 206.8 mm on 14th September 1975
Rainfall(mm)
Year

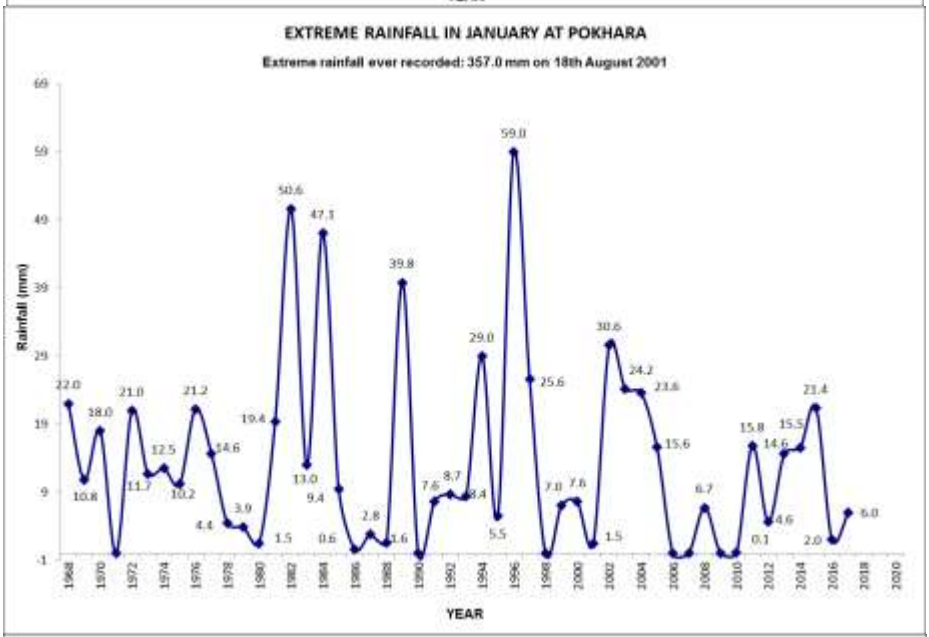

EXTREME RAINFALL IN JANUARY AT SURKHET
Extreme rainfall ever recorded: 423.1 mm on 15th August 2014
Rainfall (mm)
YEAR

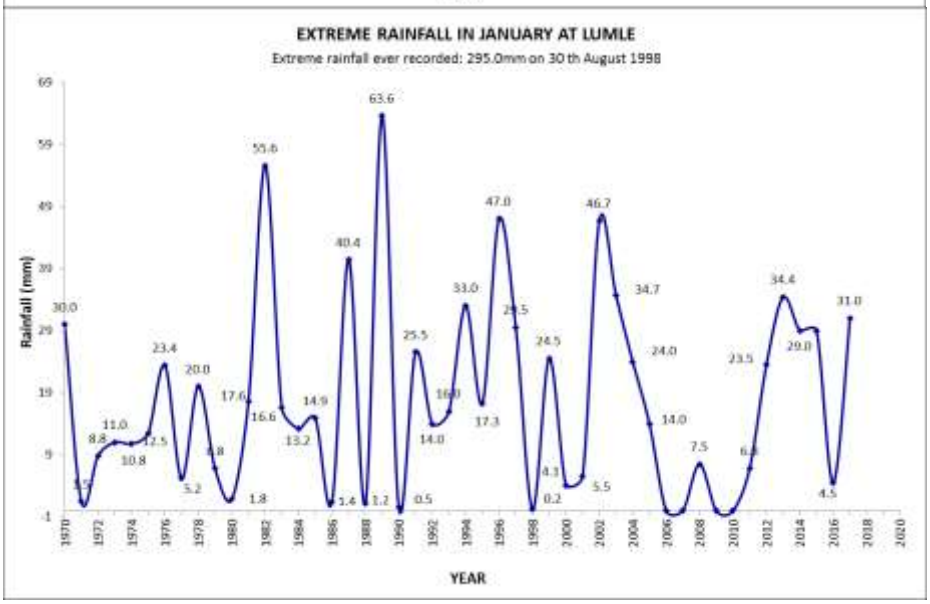

EXTREME RAINFALL IN JANUARY AT NEPALGUNJ
Extreme rainfall ever recorded: 310 mm on 28th July
Rainfall (mm)
YEAR

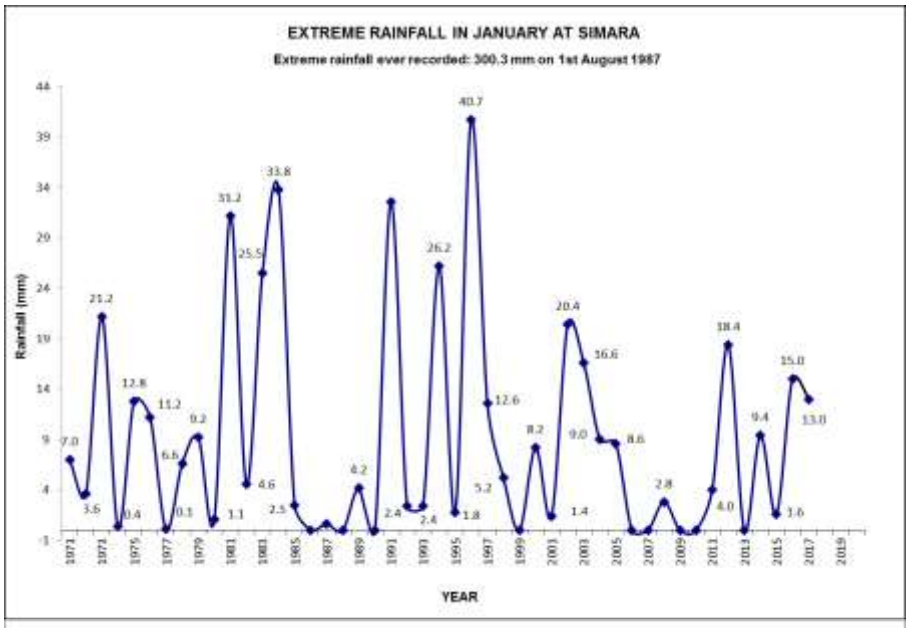

EXTREME RAINFALL IN JANUARY AT DANG
Extreme rainfall ever recorded: 298.4 mm on 15th August 2014
Rainfall (mm)
YEAR

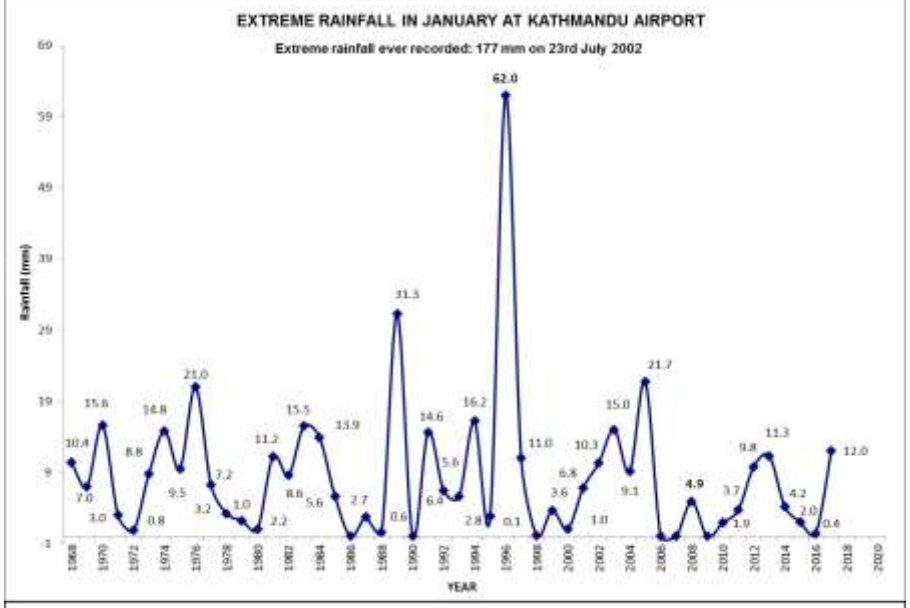

EXTREME RAINFALL IN AUGUST AT JOMSOM
Extreme rainfall ever recorded: 339.5 mm on 23rd JUNE 2000
Rainfall (mm)
YEAR
Extreme
Normal

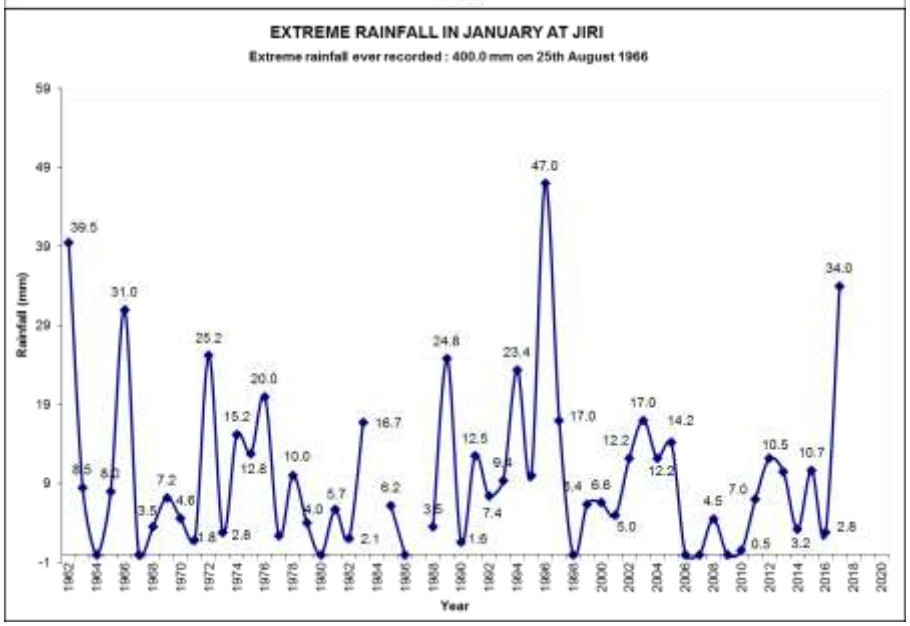

EXTREME RAINFALL IN JANUARY AT BHAIRAHAWA
Extreme rainfall ever recorded: 266.5 mm on 3rd August 1998
Rainfall (mm)
YEAR

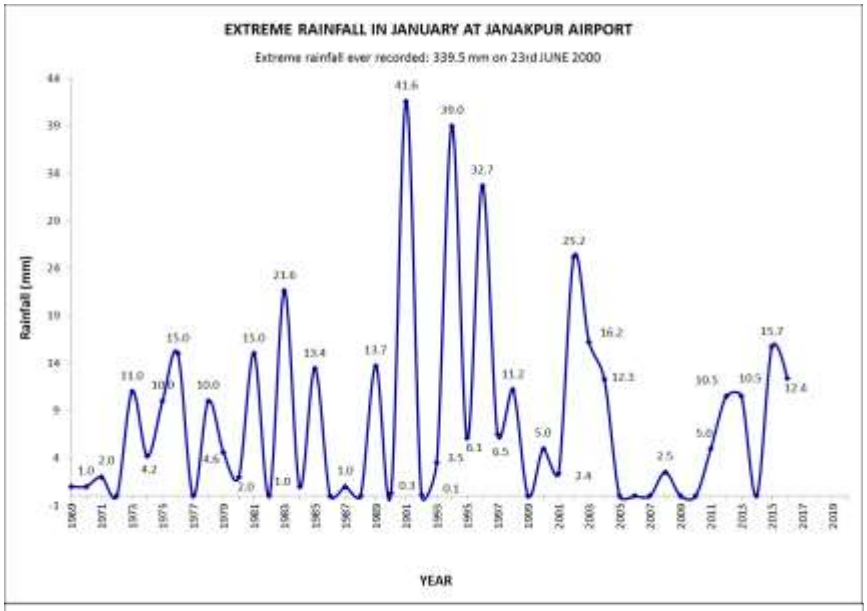

EXTREME RAINFALL IN JANUARY AT POKHARA
Extreme rainfall ever recorded: 357.0 mm on 18th August 2001
Rainfall (mm)
YEAR

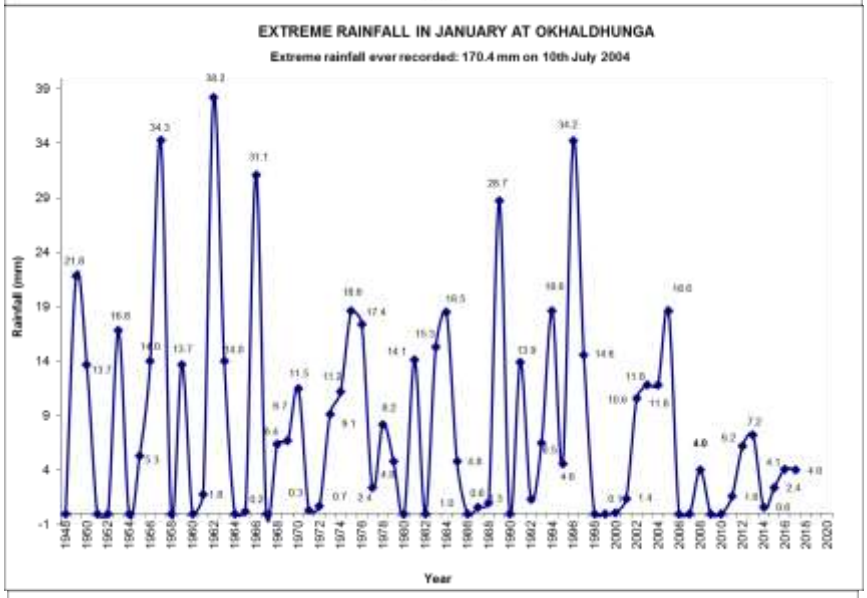

EXTREME RAINFALL IN JANUARY AT LUMLE
Extreme rainfall ever recorded: 295.0mm on 30 th August 1998
Rainfall (mm)
YEAR

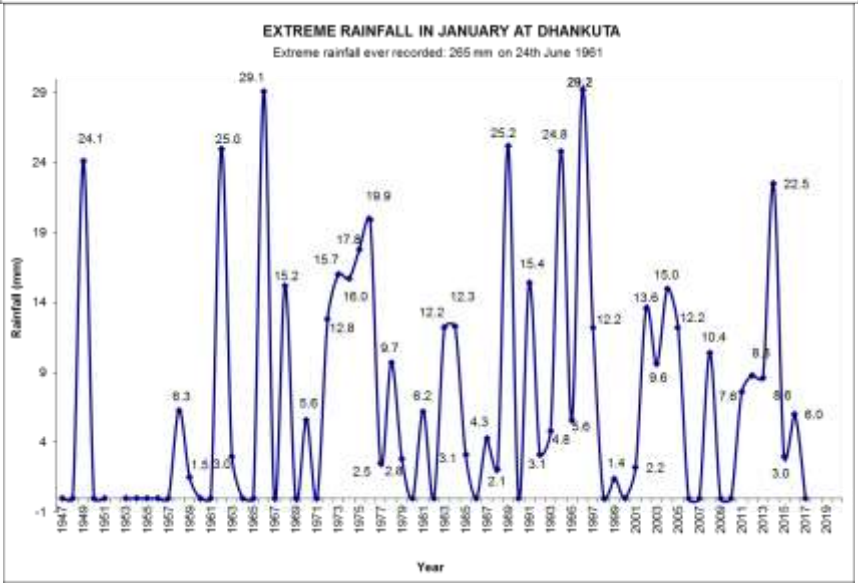

EXTREME RAINFALL IN JANUARY AT SIMARA
Extreme rainfall ever recorded: 300.3 mm on 1st August 1987
Rainfall (mm)
YEAR

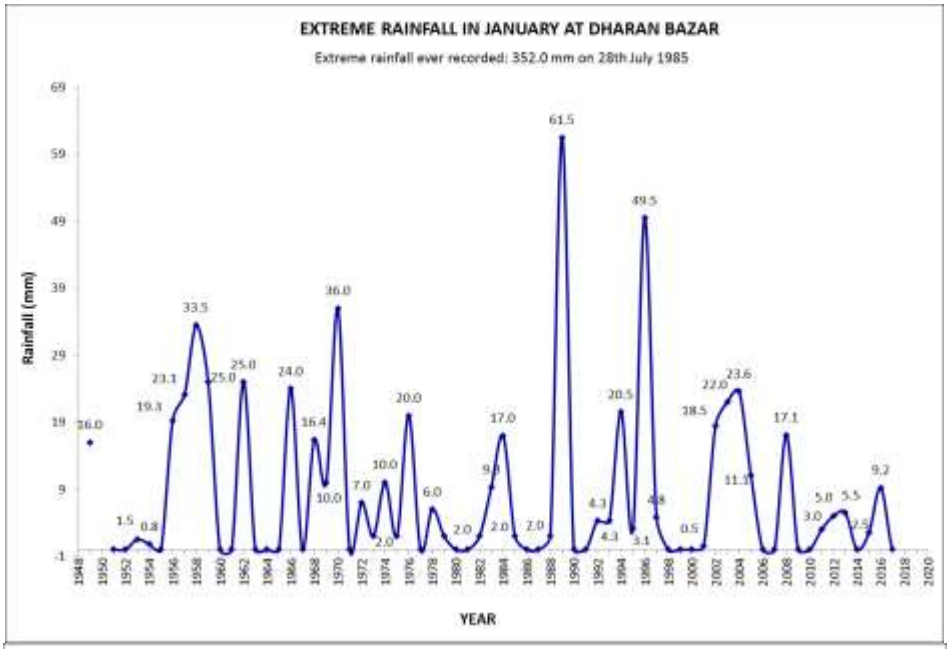

EXTREME RAINFALL IN JANUARY AT KATHMANDU AIRPORT
Extreme rainfall ever recorded: 177 mm on 23rd July 2002
Rainfall (mm)
YEAR

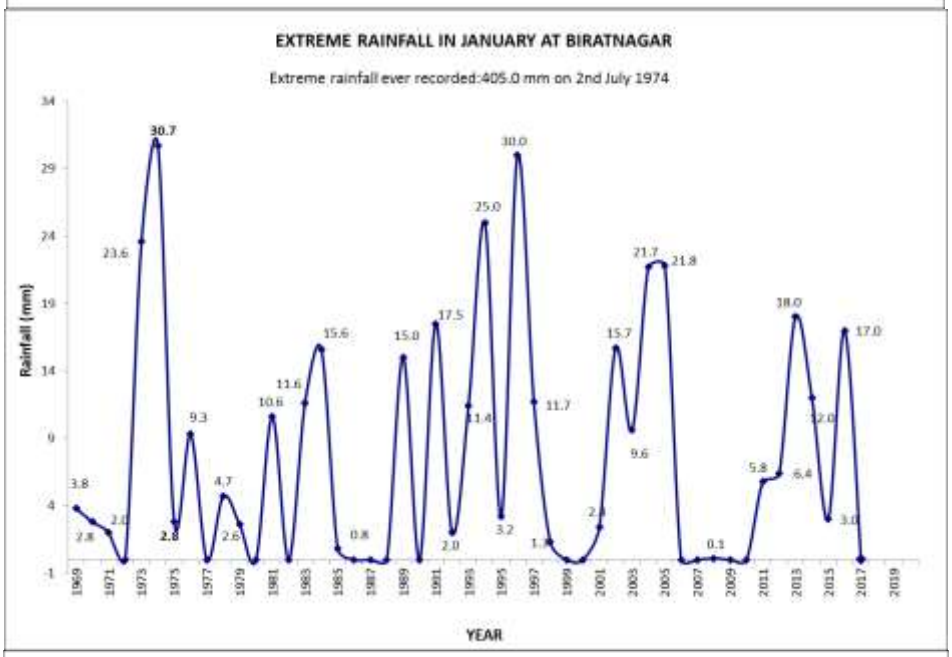

EXTREME RAINFALL IN JANUARY AT JIRI
Extreme rainfall ever recorded : 400.0 mm on 25th August 1966
Rainfall (mm)
Year


EXTREME RAINFALL IN JANUARY AT JANAKPUR AIRPORT
Extreme rainfall ever recorded: 339.5 mm on 23rd JUNE 2000
Rainfall (mm)
YEAR


EXTREME RAINFALL IN JANUARY AT OKHALDHUNGA
Extreme rainfall ever recorded: 170.4 mm on 10th July 2004
Rainfall (mm)
Year


EXTREME RAINFALL IN JANUARY AT DHANKUTA
Extreme rainfall ever recorded: 265 mm on 24th June 1961
Rainfall (mm)
Year


EXTREME RAINFALL IN JANUARY AT DHARAN BAZAR
Extreme rainfall ever recorded: 352.0 mm on 28th July 1985
Rainfall (mm)
YEAR


EXTREME RAINFALL IN JANUARY AT BIRATNAGAR
Extreme rainfall ever recorded:405.0 mm on 2nd July 1974
Rainfall (mm)
YEAR

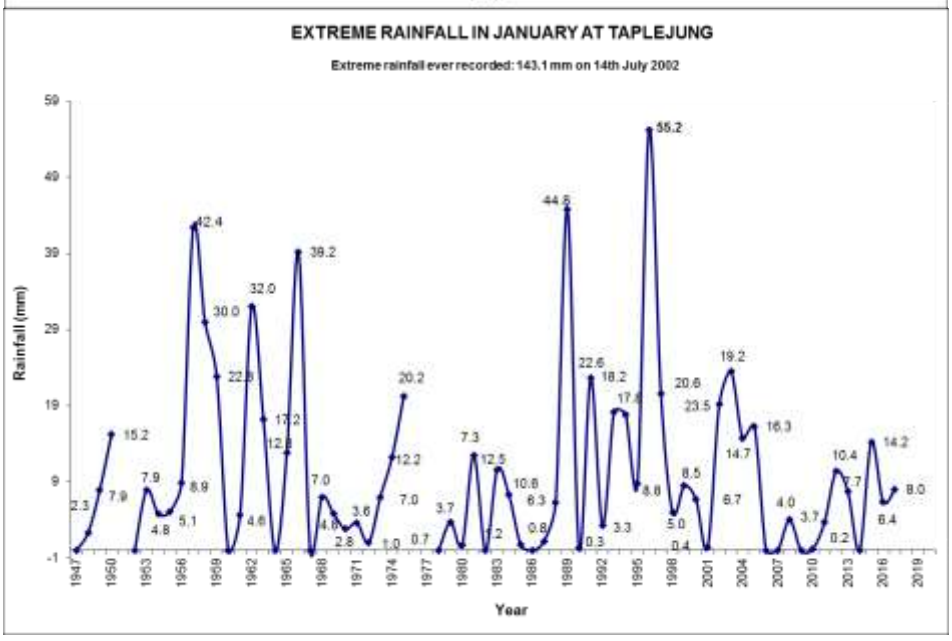

EXTREME RAINFALL IN JANUARY AT TAPLEJUNG
Extreme rainfall ever recorded: 143.1 mm on 14th July 2002
Rainfall (mm)
Year

Table 1

Extreme January Rainfall trends			
Stations	November	Stations	November
Dadeldhura	Falling	Kathmandu	Falling
Dipayal	Falling	Okhaldhunga	Falling
Dhangadhi	No trend	Taplejung	No trend
Surkhet	Falling	Dhankuta	Rising
Nepalgunj	Falling	Biratnagar	No trend
Jumla	No trend	Jomsom	Falling
Dang	Falling	Dharan	No trend
Pokhara	Falling	Lumle	Rising
Bhairahawa	Rising	Janakpur	Rising
Simara	Falling	Jiri	No trend

Fig 1: Monthly rainfall (%)

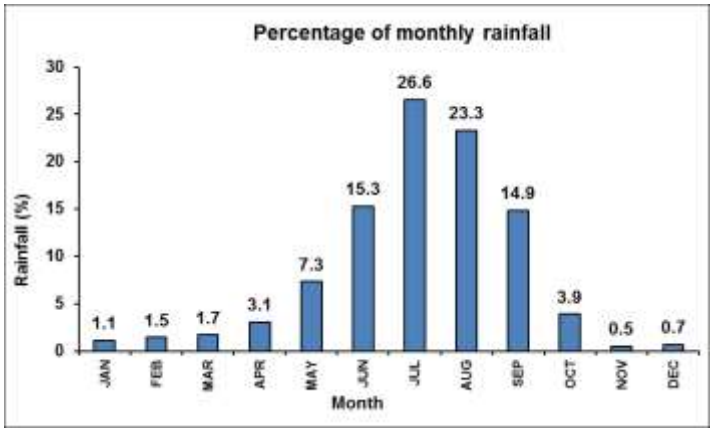


Fig 2: Map of Nepal showing the synoptic stations