Government of Nepal

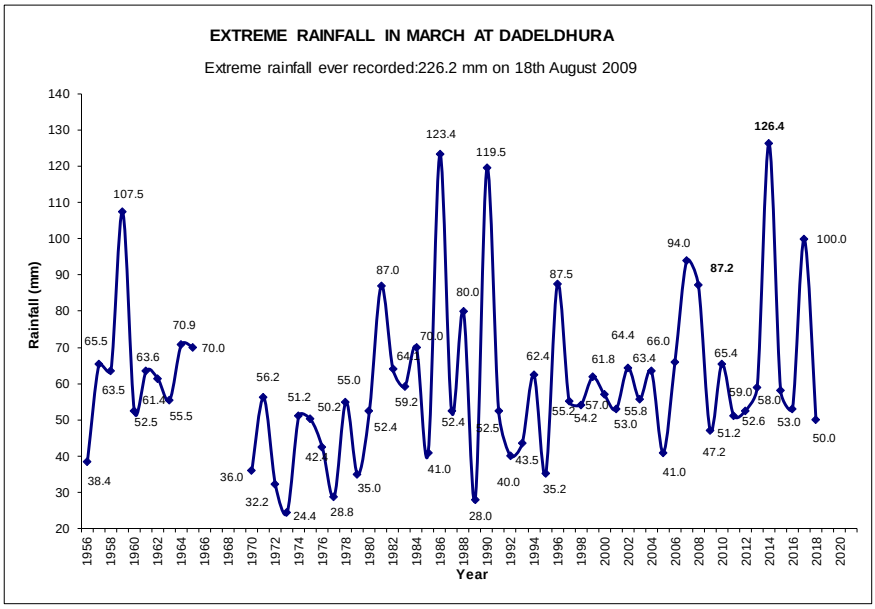
Ministry of Energy, Water Resources and Irrigation

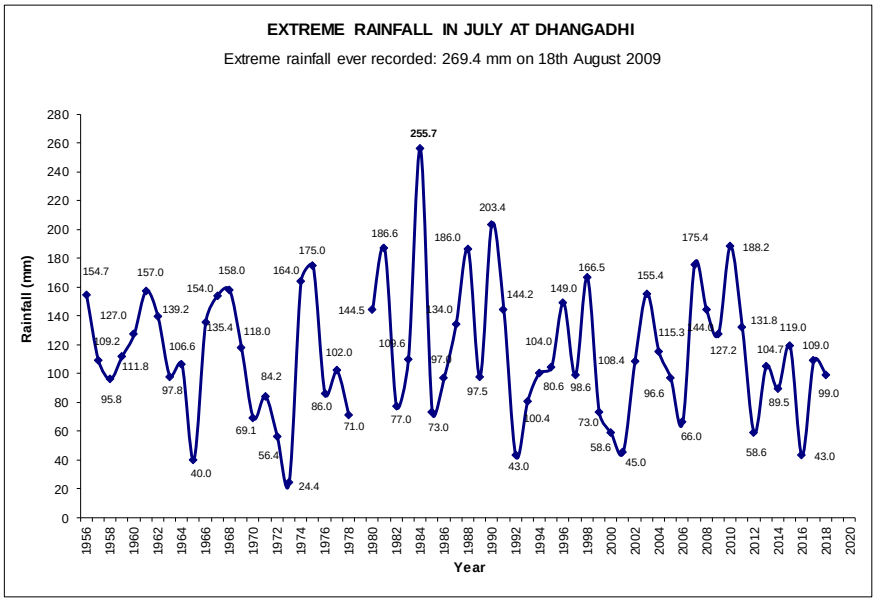
Department of Hydrology and Meteorology

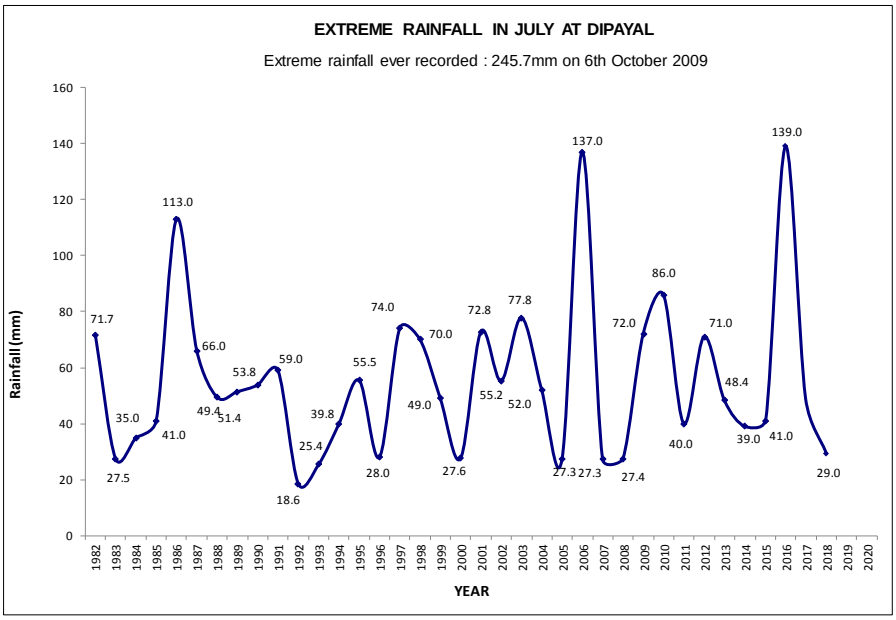
Nagpokhari, Kathmandu, Nepal.

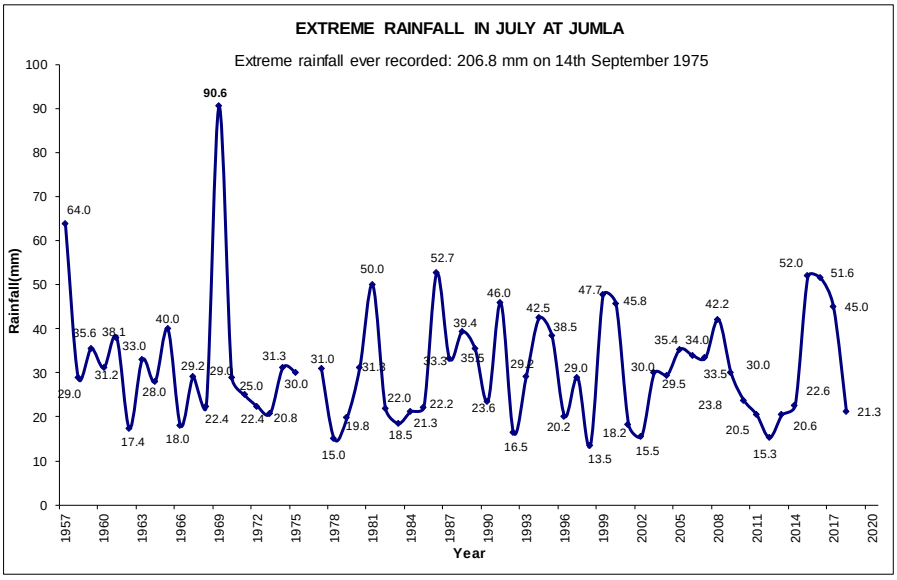
EXTREME RAINFALL OF MONTH JULY AT SELECTED STATIONS

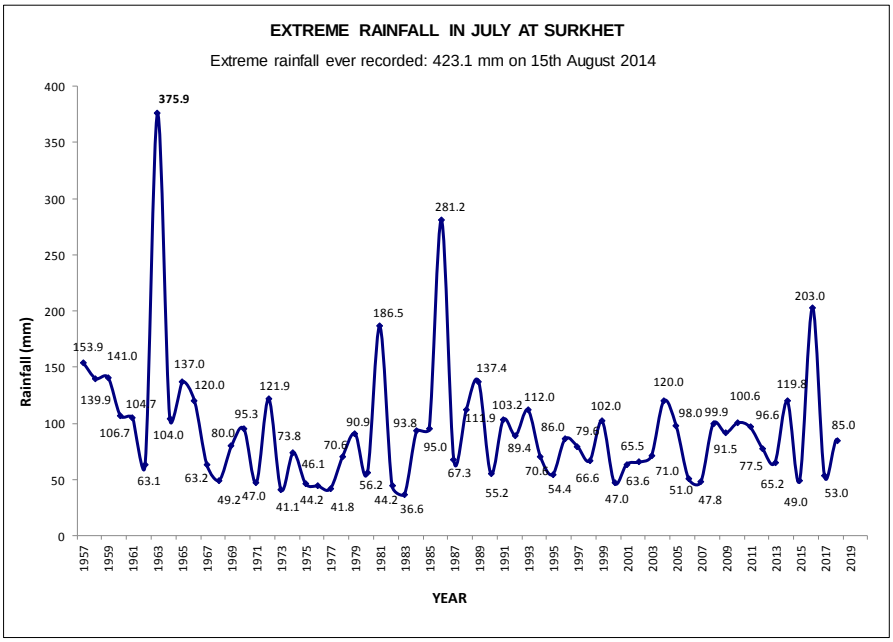
Note: July is one of the wettest month in the year. Most of the stations record precipitation extremes in this month. The stations selected in this monitoring shows the maximum rain recorded in the July at Lumle of 308.3mm on 9th July 2017. Table 1. shows the temperature trend in the stations selected below.

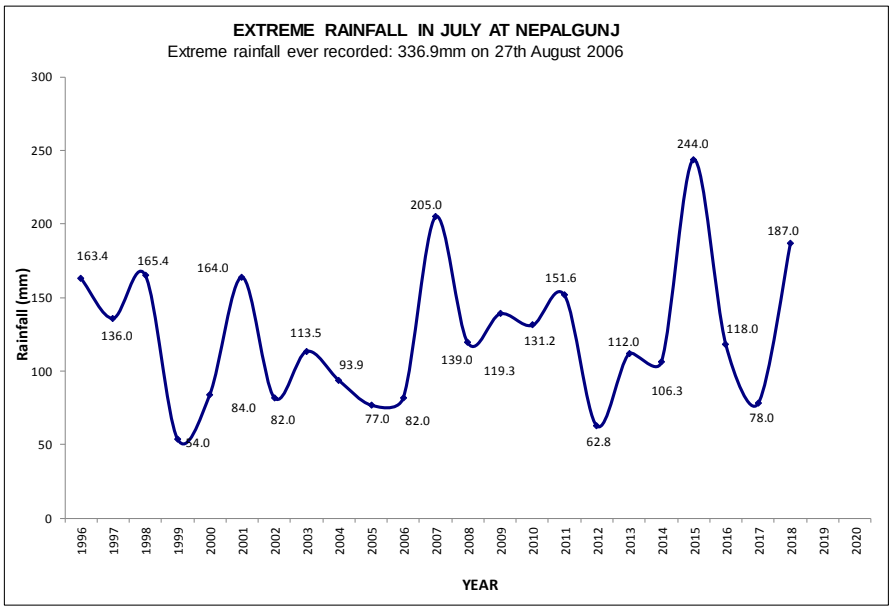


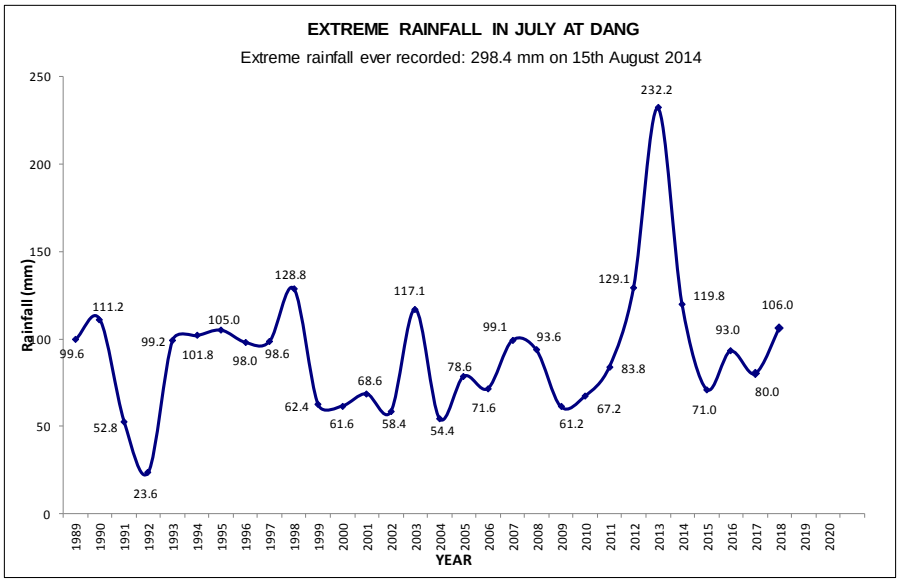


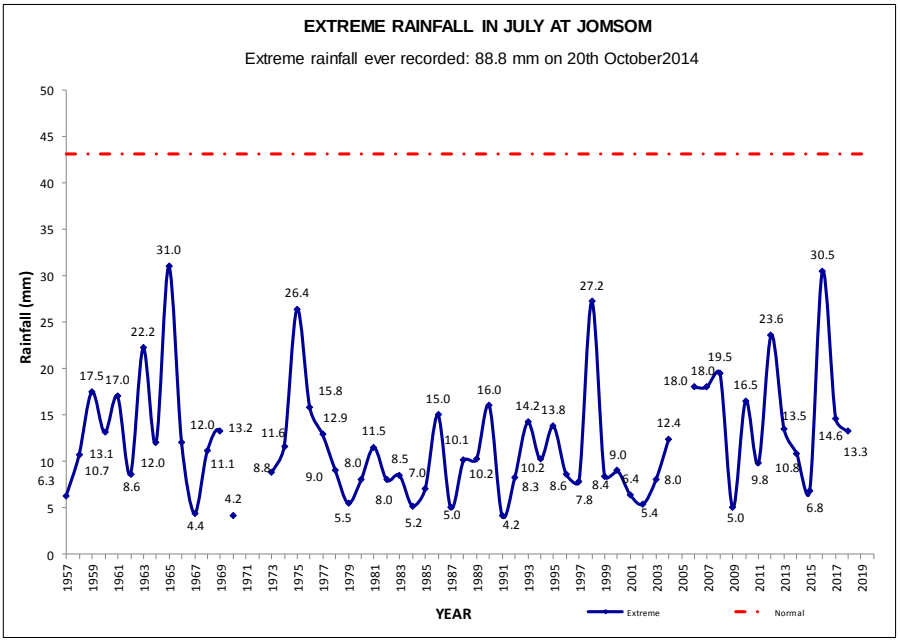

EXTREME RAINFALL IN JULY AT DIPAYAL
Extreme rainfall ever recorded : 245.7mm on 6th October 2009
Rainfall (mm)
YEAR

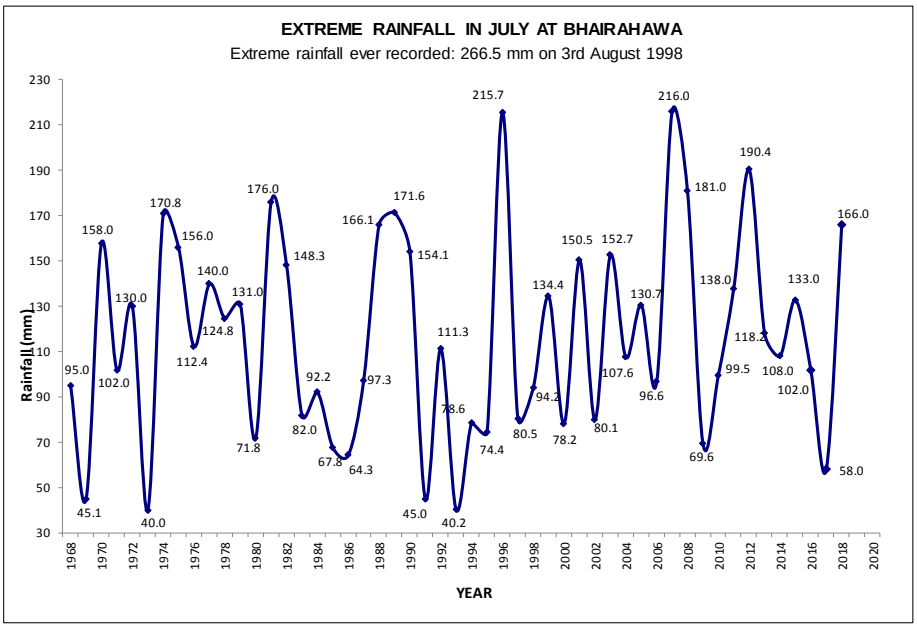

EXTREME RAINFALL IN JULY AT JUMLA
Extreme rainfall ever recorded: 206.8 mm on 14th September 1975
Rainfall(mm)
Year

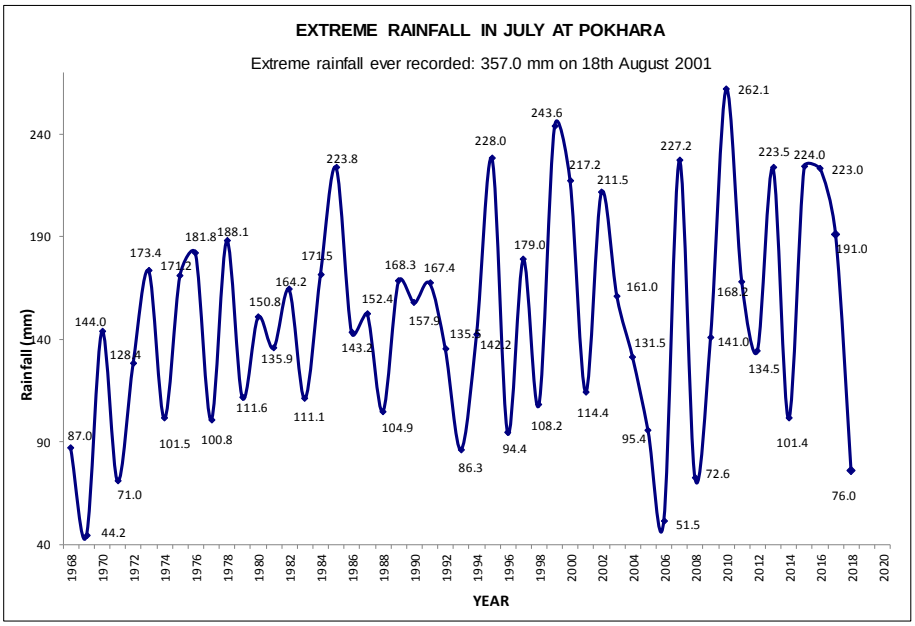

EXTREME RAINFALL IN JULY AT SURKHET
Extreme rainfall ever recorded: 423.1 mm on 15th August 2014
Rainfall (mm)
YEAR

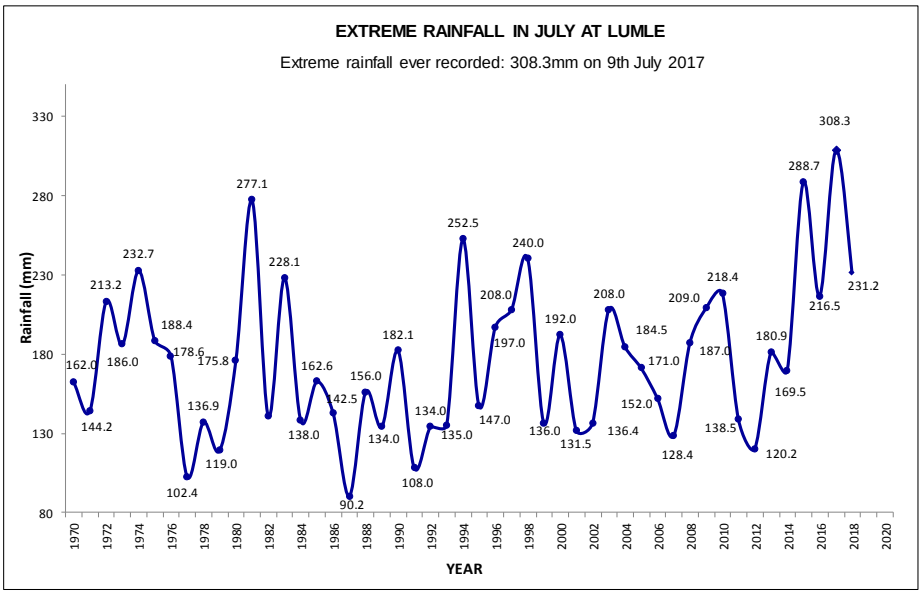

EXTREME RAINFALL IN JULY AT NEPALGUNJ
Extreme rainfall ever recorded: 336.9mm on 27th August 2006
Rainfall (mm)
YEAR
163.4
136.0
165.4
54.0
164.0
84.0
82.0
113.5
93.9
77.0
82.0
205.0
139.0
119.3
131.2
151.6
62.8
112.0
106.3
244.0
118.0
78.0
187.0

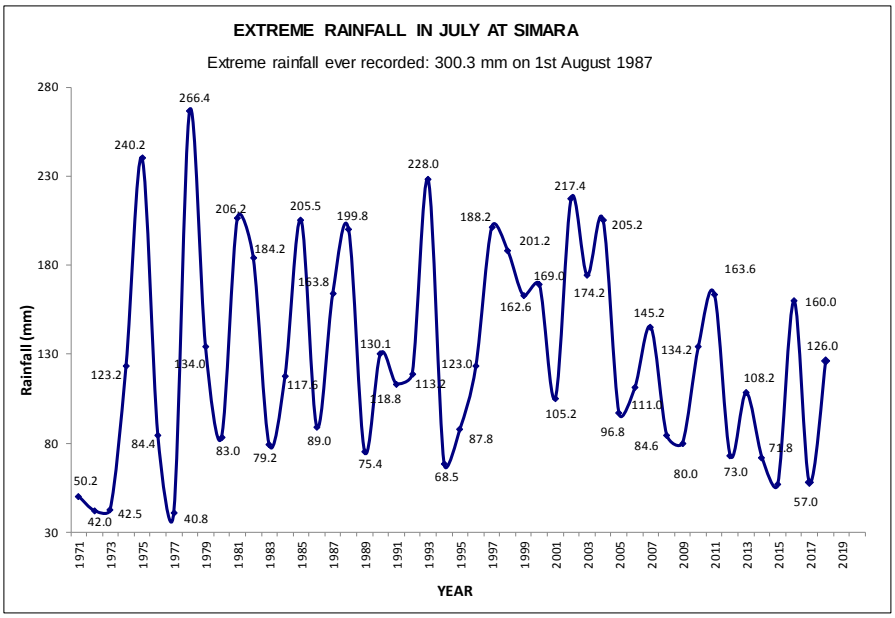

EXTREME RAINFALL IN JULY AT DANG
Extreme rainfall ever recorded: 298.4 mm on 15th August 2014
Rainfall (mm)
YEAR
99.6
111.2
52.8
23.6
99.2
101.8
105.0
98.0
98.6
128.8
62.4
61.6
68.6
58.4
117.1
54.4
78.6
71.6
99.1
93.6
61.2
67.2
129.1
83.8
232.2
119.8
71.0
93.0
80.0
106.0

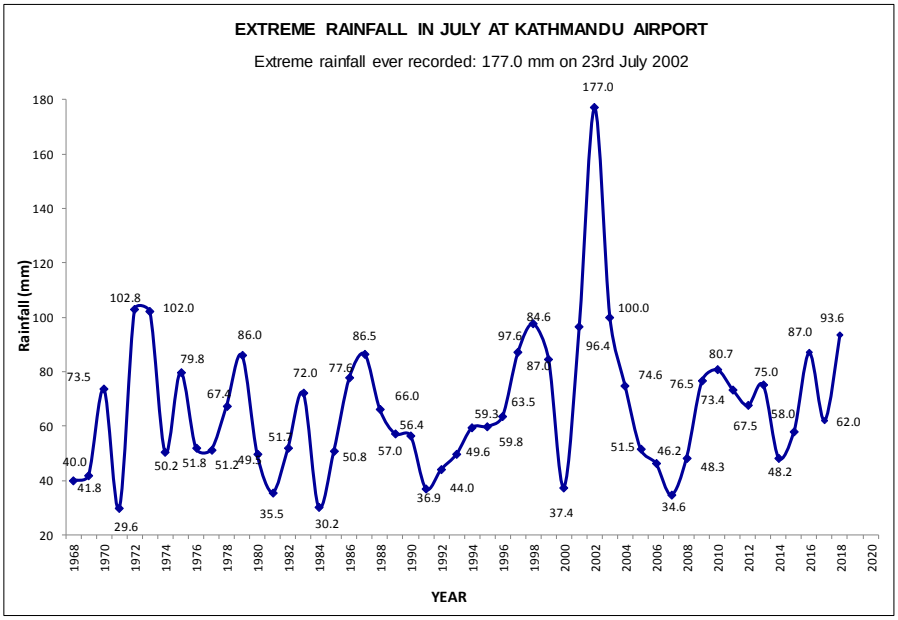

EXTREME RAINFALL IN JULY AT JOMSOM
Extreme rainfall ever recorded: 88.8 mm on 20th October2014
Rainfall (mm)
YEAR
Extreme
Normal
6.3
10.7
13.1
17.5
17.0
8.6
12.0
22.2
31.0
4.4
12.0
11.1
13.2
4.2
8.8
11.6
26.4
9.0
12.9
15.8
5.5
8.0
11.5
8.0
8.5
5.2
7.0
15.0
5.0
10.1
10.2
16.0
4.2
8.3
10.2
14.2
13.8
8.6
27.2
7.8
8.4
9.0
6.4
5.4
8.0
12.4
18.0
18.0
19.5
5.0
16.5
9.8
23.6
10.8
13.5
6.8
30.5
14.6
13.3

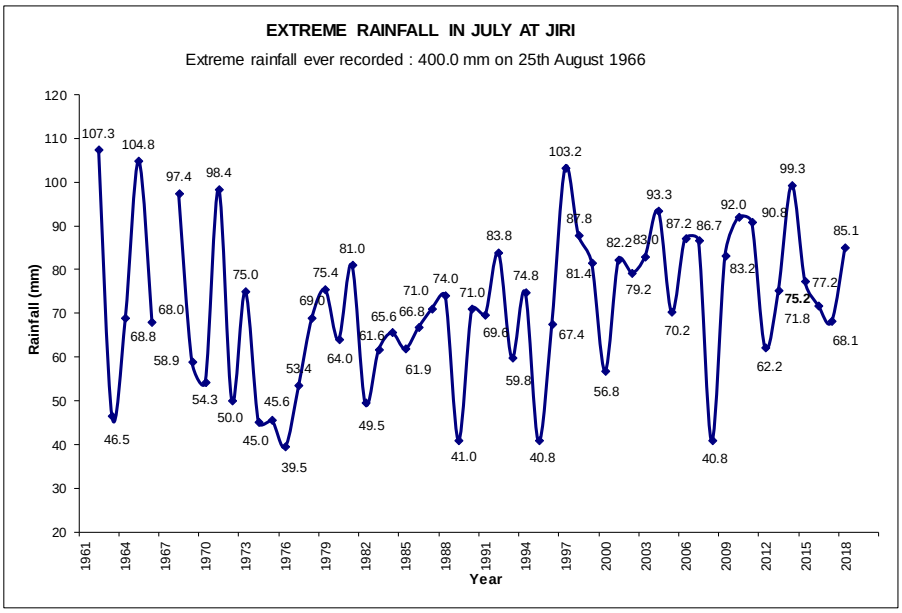

EXTREME RAINFALL IN JULY AT BHAIRAHAWA
Extreme rainfall ever recorded: 266.5 mm on 3rd August 1998
Rainfall (mm)
YEAR

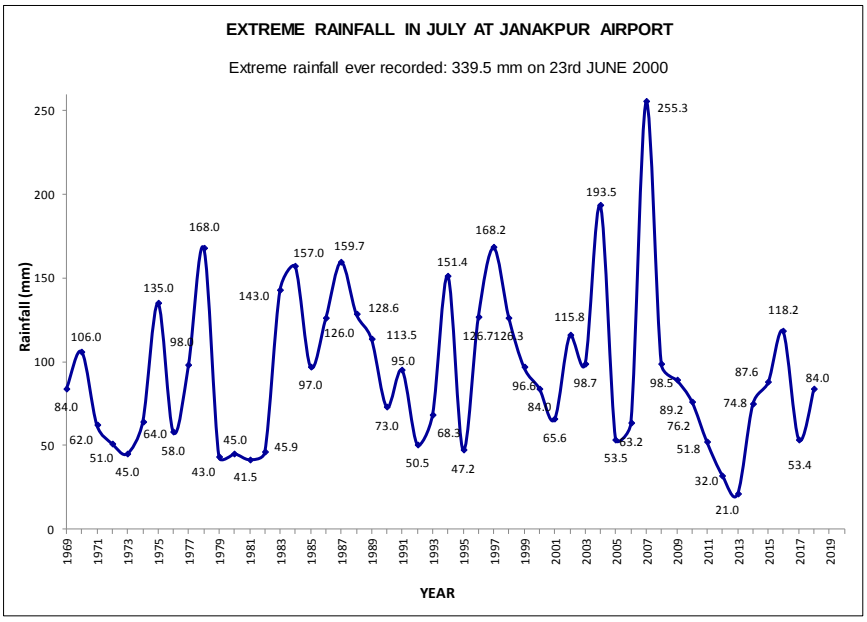

EXTREME RAINFALL IN JULY AT POKHARA
Extreme rainfall ever recorded: 357.0 mm on 18th August 2001
Rainfall (mm)
YEAR

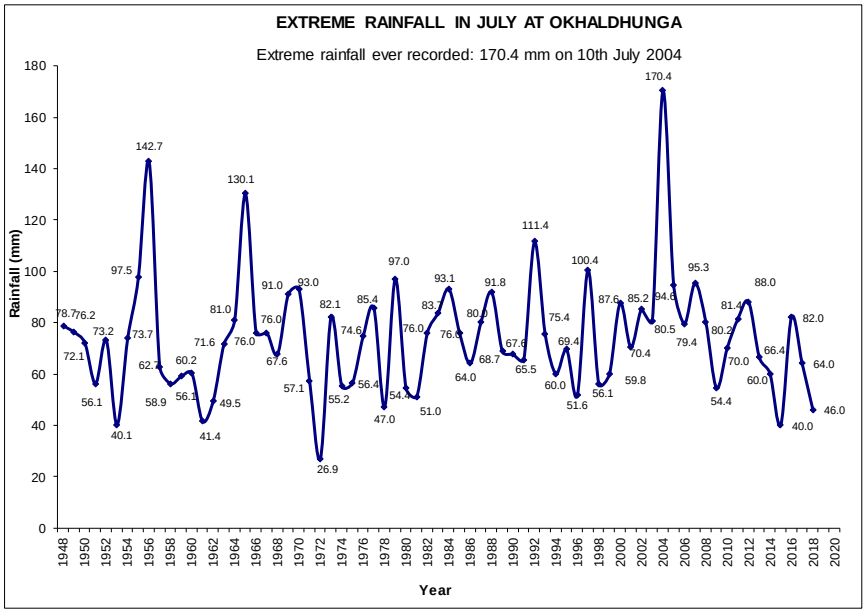

EXTREME RAINFALL IN JULY AT LUMLE
Extreme rainfall ever recorded: 308.3mm on 9th July 2017
Rainfall (mm)
YEAR

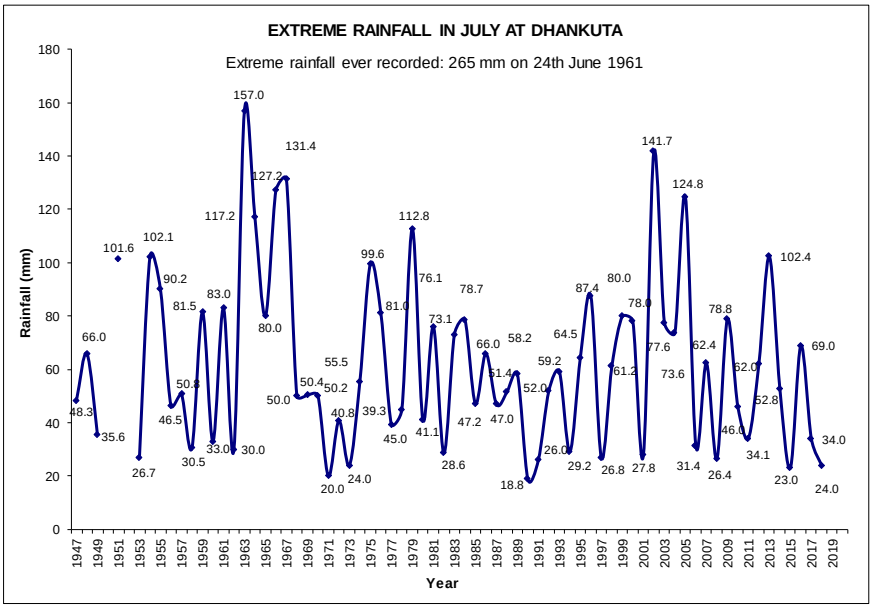

EXTREME RAINFALL IN JULY AT SIMARA
Extreme rainfall ever recorded: 300.3 mm on 1st August 1987
Rainfall (mm)
YEAR

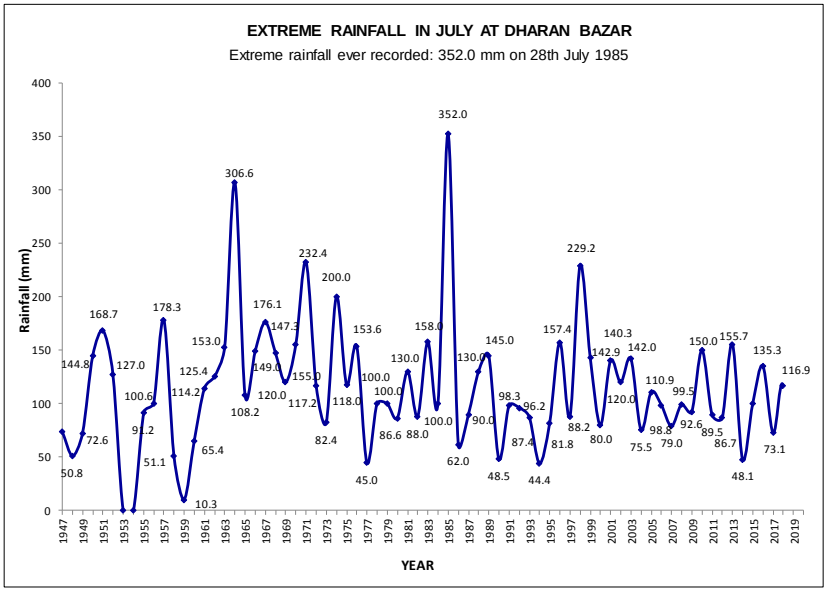

EXTREME RAINFALL IN JULY AT KATHMANDU AIRPORT
Extreme rainfall ever recorded: 177.0 mm on 23rd July 2002
Rainfall (mm)
YEAR

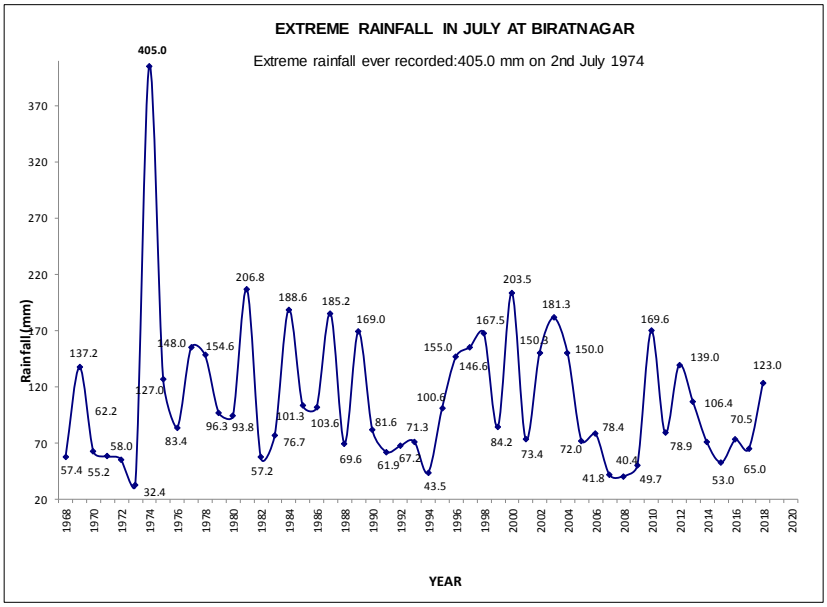

EXTREME RAINFALL IN JULY AT JIRI
Extreme rainfall ever recorded : 400.0 mm on 25th August 1966
Rainfall (mm)
Year

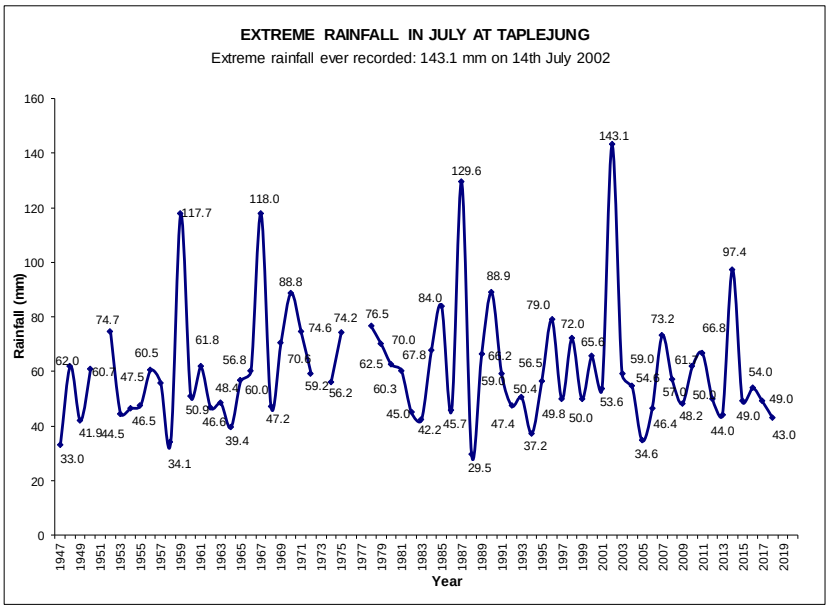

EXTREME RAINFALL IN JULY AT JANAKPUR AIRPORT
Extreme rainfall ever recorded: 339.5 mm on 23rd JUNE 2000
Rainfall (mm)
YEAR


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


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







NOTE: The Precipitation Normal are not shown in the stations either the normal are not available or the normal are too high than the extremes.

Table 1.

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

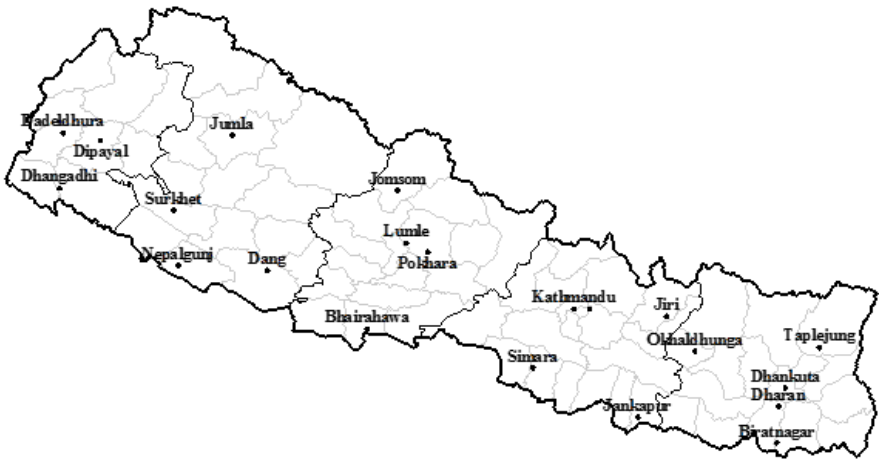


Fig 1: Map of Nepal showing the synoptic stations