

PAKISTAN: IN THE “EYE OF THE STORM

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Presentation Layout

- Introduction – Natural Disasters
- Trend of Natural Disasters
- International Perspective : 1980-2011
- Natural Disasters in Pakistan since 1900
- Economic Damage Costs since 1947
- Ten biggest natural disasters in Pakistan in terms of affected population

KHYBER PAKHTOONKHWA FLOODS



BALAKOT EARTHQUAKE



ISLAMABAD EARTHQUAKE



SINDH FLOODS

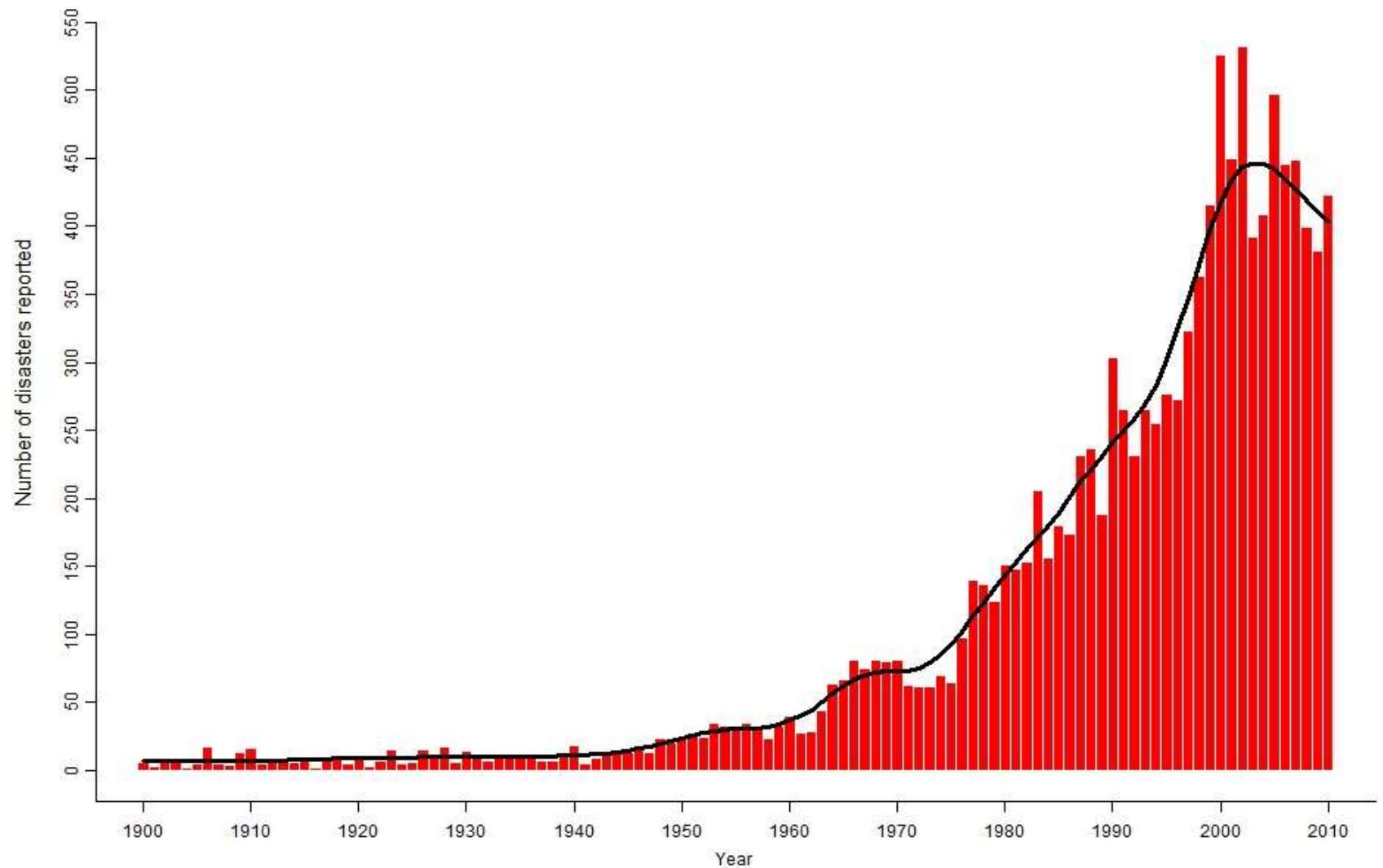


KHYBER PAKHTOONKHA FLOODS



Natural Disaster Trend

Natural disasters reported 1900 - 2010



Worldwide Natural Disasters 1980 – 2011

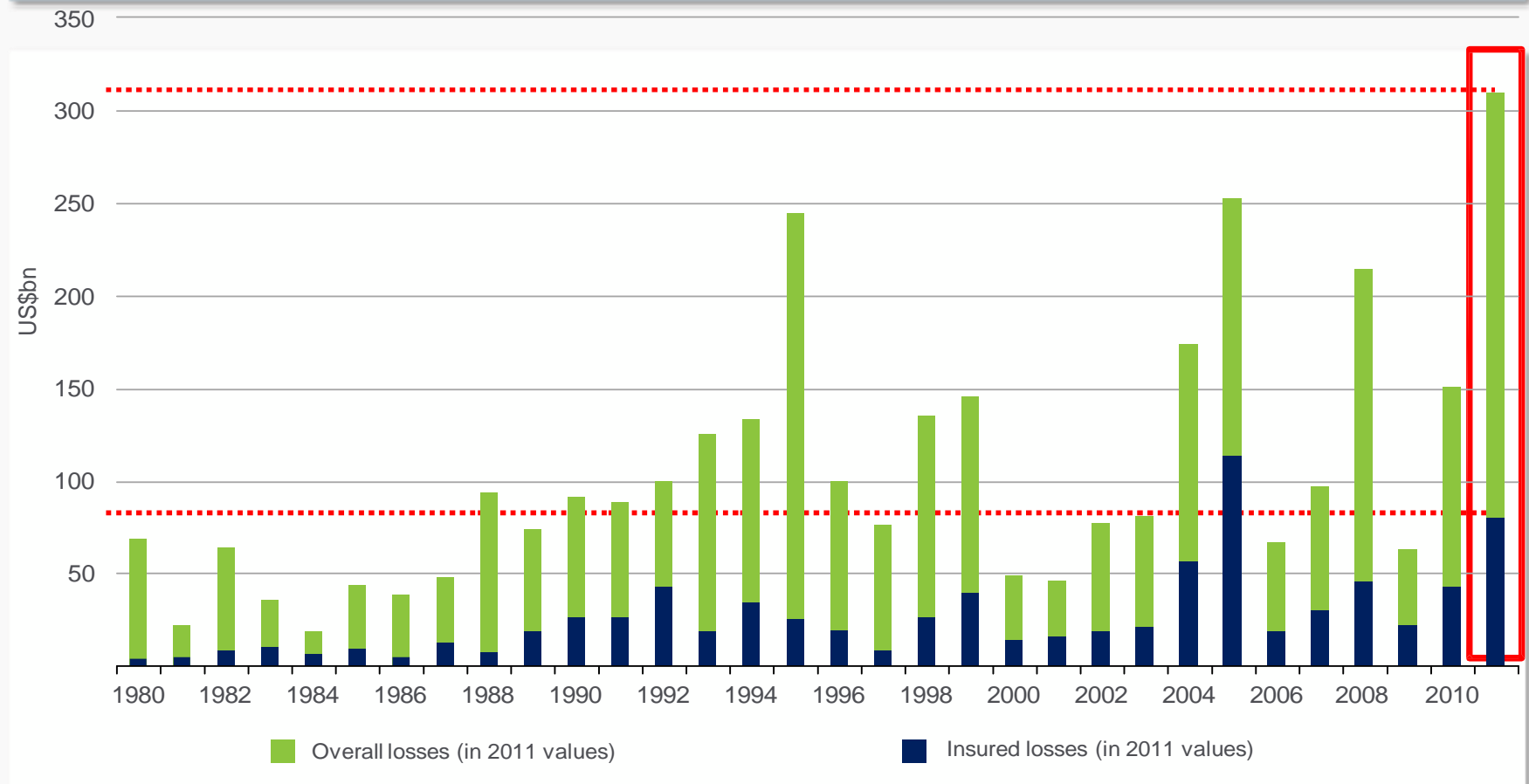
Overall and Insured Losses

NatCatSERVICE

Worldwide Natural Disasters 1980 – 2011 Overall and Insured Losses



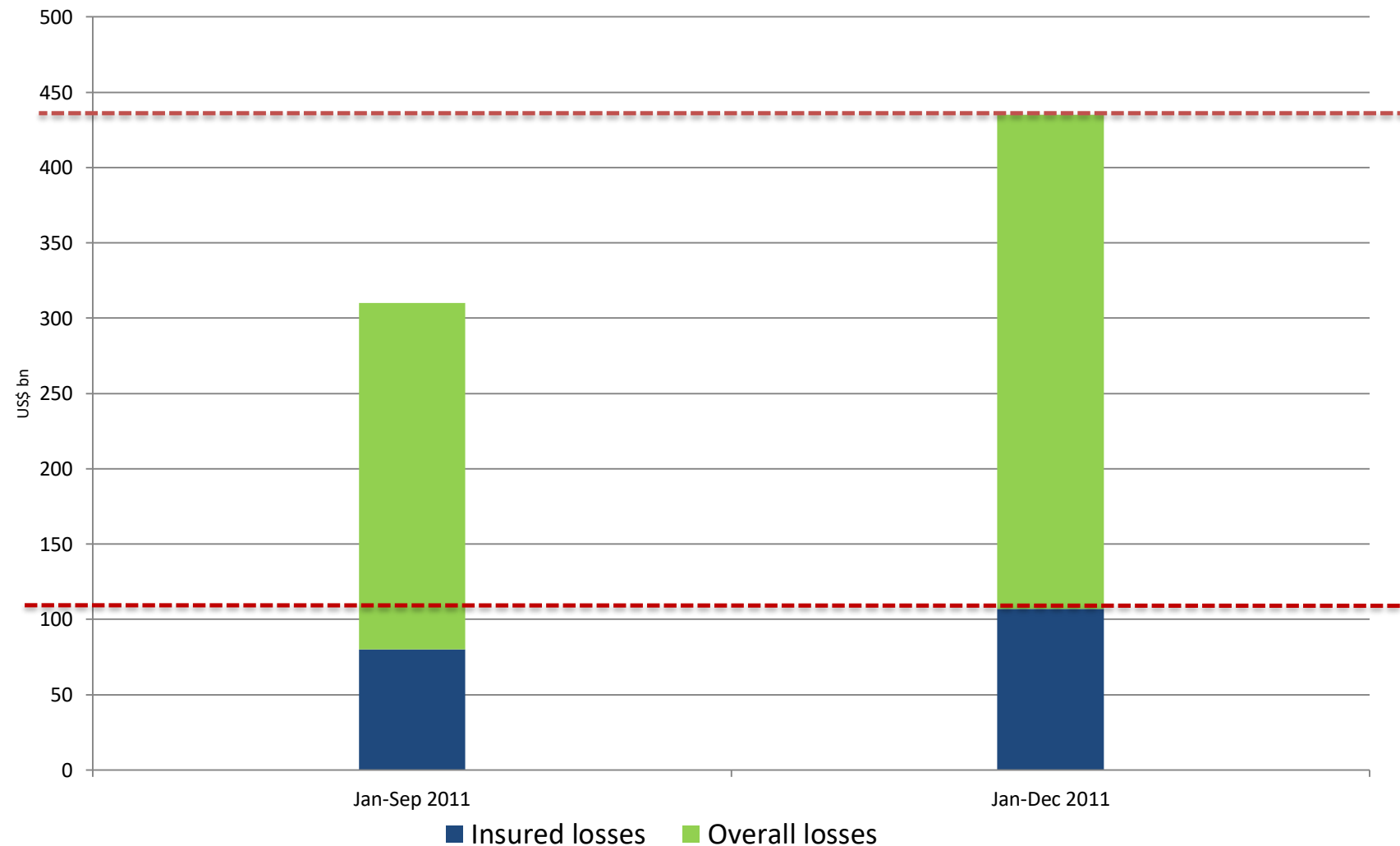
Losses in 2011 (January – September): Overall = US\$ 310bn; Insured = US\$ 80bn



Worldwide Natural Disasters 2011

Overall and Insured Losses

Losses in 2011 (January – September): Overall = US\$ 310bn; Insured = US\$ 80bn
Losses in 2011 (January – December) : Overall = US\$ 435bn; Insured = US\$ 107bn



Insured & Uninsured Losses (in billions)

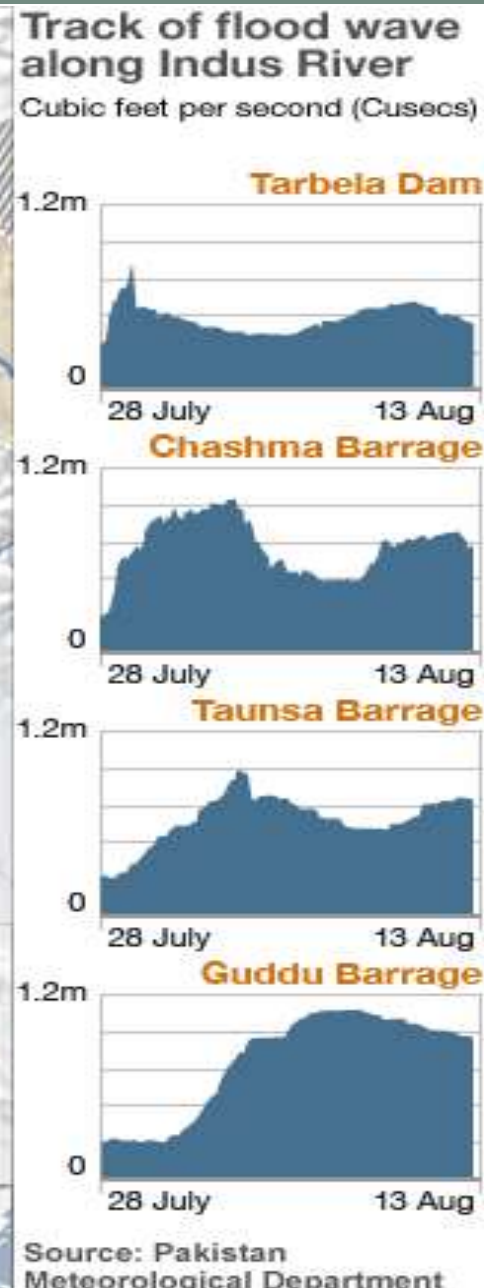


Over all Losses \$ 435.00

Pakistan: in the “Eye of the Storm”

Pakistan is facing serious threat and great challenges from large-scale natural as well as anthropogenic disasters, such as, *seismic events, landslides, droughts, floods, torrential rains, tropical cyclones, dust storms, fires, locusts, oil-spills, depletion of Glaciers etc.*

A Flood Hazard Map of Pakistan

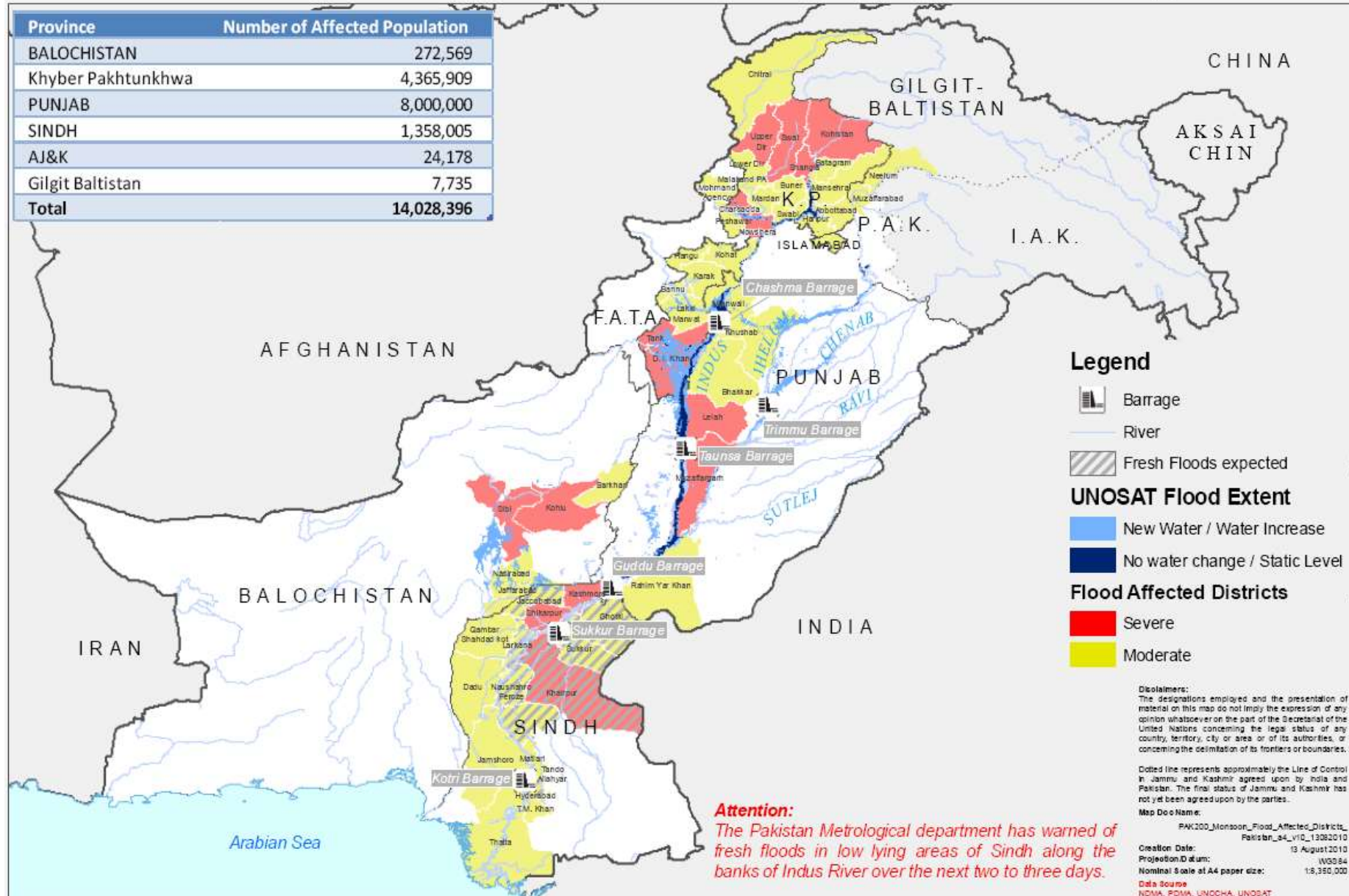


A Flood Hazard Map of Pakistan

Pakistan - Floods Impact Profile 13 August 2010



Province	Number of Affected Population
BALUCHISTAN	272,569
Khyber Pakhtunkhwa	4,365,909
PUNJAB	8,000,000
SINDH	1,358,005
AJ&K	24,178
Gilgit Baltistan	7,735
Total	14,028,396



Legend

- Barrage
- River
- Fresh Floods expected

UNOSAT Flood Extent

- New Water / Water Increase
- No water change / Static Level

Flood Affected Districts

- Severe
- Moderate

Attention:
The Pakistan Metrological department has warned of fresh floods in low lying areas of Sindh along the banks of Indus River over the next two to three days.

Disclaimers:
The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

Dotted line represents approximately the Line of Control in Jammu and Kashmir agreed upon by India and Pakistan. The final status of Jammu and Kashmir has not yet been agreed upon by the parties.

Map Doc Name: PAK200_Monsoon_Flood_Affected_Districts_Pakistan_04_v10_13082010

Creation Date: 13 August 2010

Projection/Datum: WGS 84

Nominal Scale at A4 paper size: 1:5,350,000

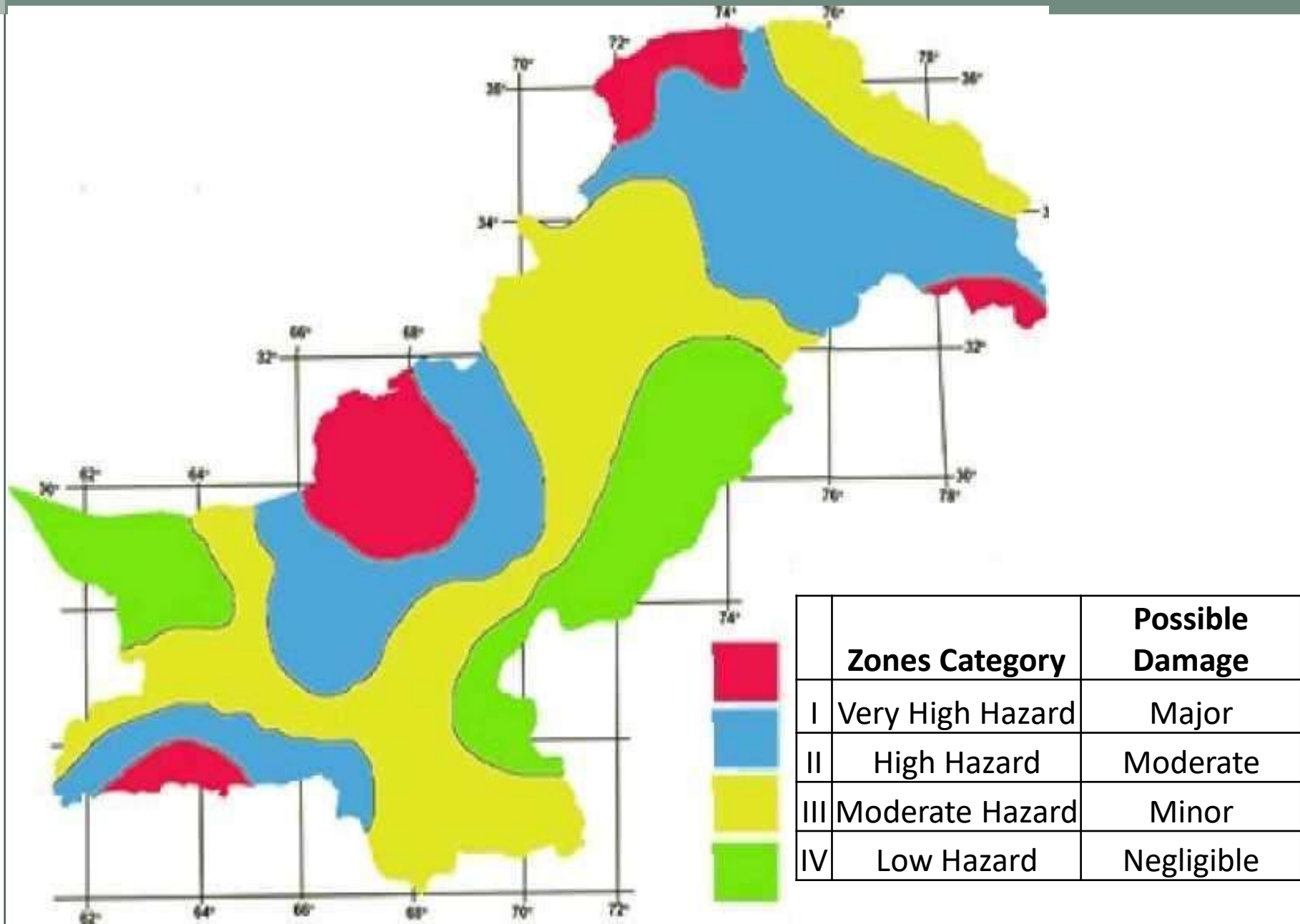
Data Source: NDMA, PDMA, UNOCHA, UNOSAT

Historical floods in Pakistan

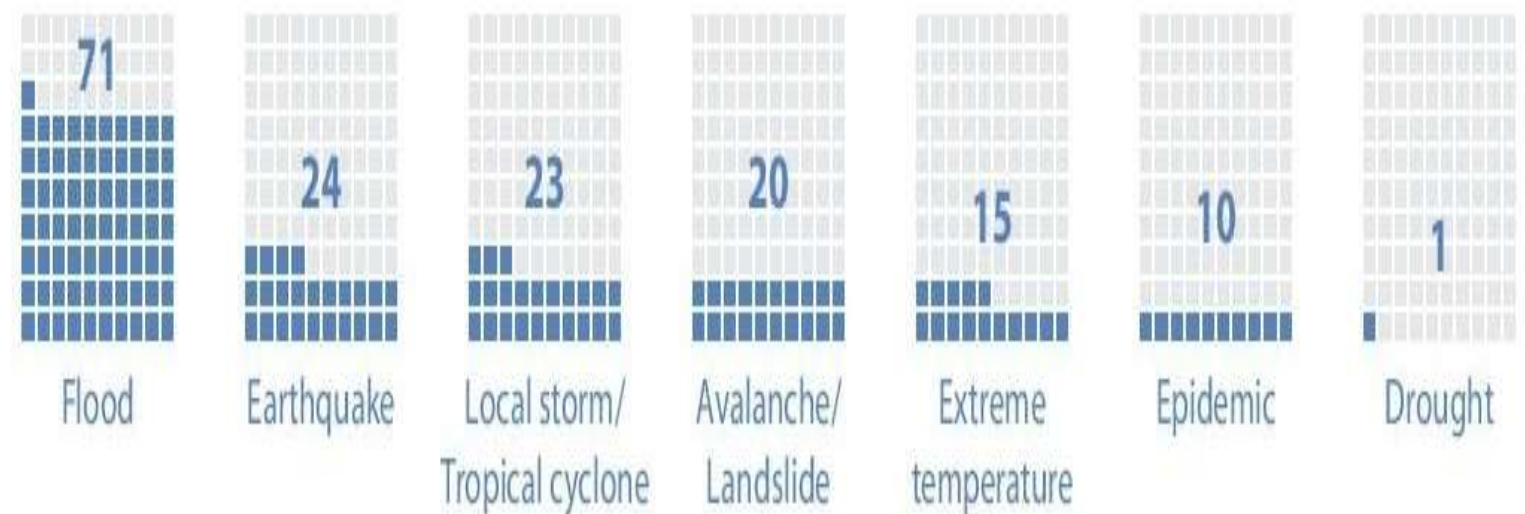
From 1950 till 2011

Year	Fatalities	Villages affected
1950	2,190	10,000
1956	160	11,609
1957	83	4,498
1973	474	9,719
1976	425	18,390
1978	393	9,199
1988	508	1,000
1992	1,008	13,208
1995	591	6,85
2001	219	50
2003	484	4,376
2004	85	47
2005	59	1,931
2007	918	2,000
2010	1,781+	20 m people (28,000 Villages)
2011	434	8.9 m homes (15,300 Villages)

Earthquake Hazard Zone Map for Pakistan



Number of Natural Disaster events in Pakistan since 1900*



*The information on natural disasters presented here is taken from EM-DAT: The OFDA/CRED International Disaster Database. In order for a disaster to be entered into the database at least one of the following criteria has to be fulfilled: a) 10 or more people reported killed; b) 100 people reported affected; c) a call for international assistance; d) declaration of a state of emergency.

Creation date: 21 Jul 2011

Data sources: OFDA/CRED.

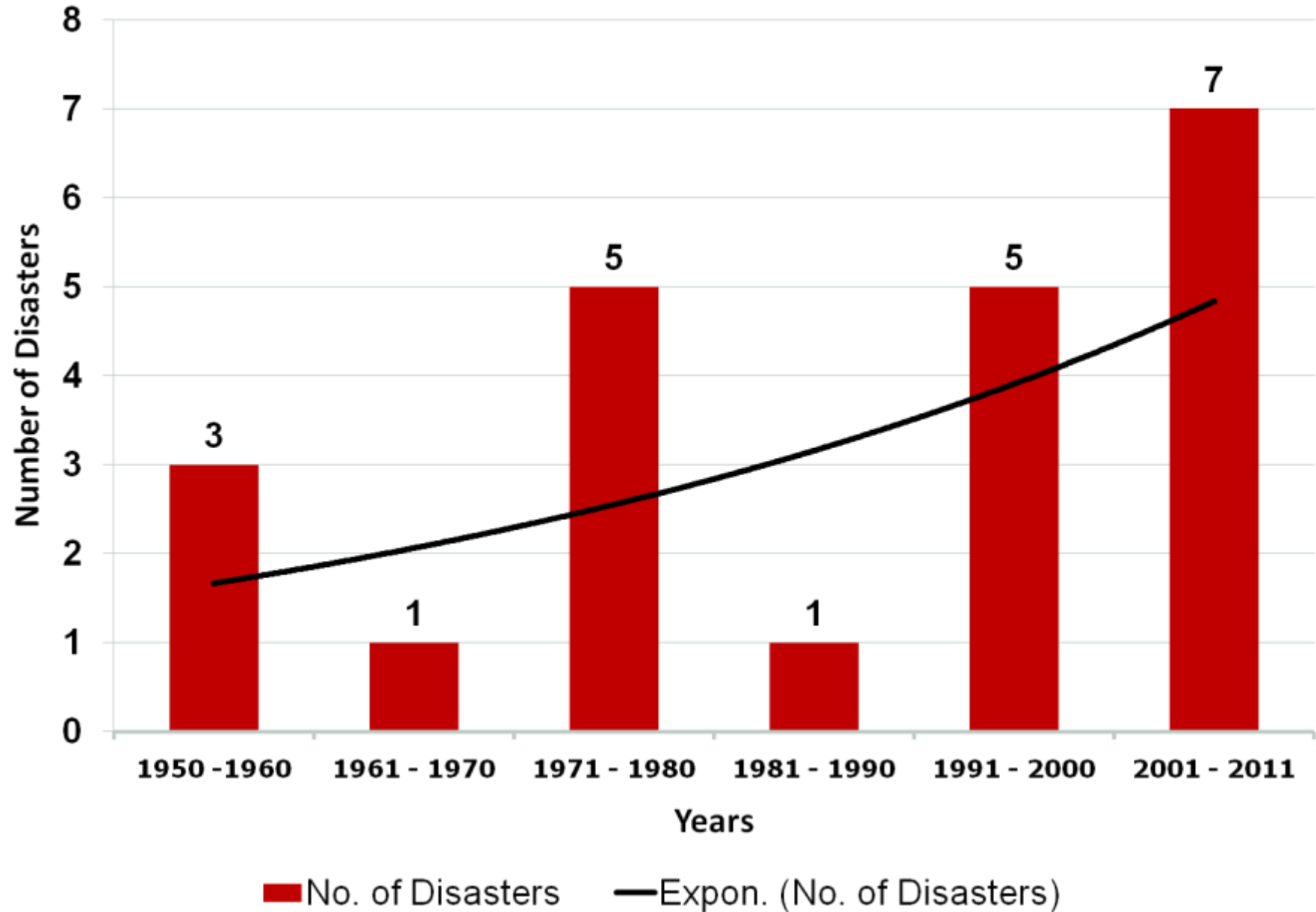
Feedback to ochaavmu@un.org

Visit us on: <http://ochaonline.un.org>

www.reliefweb.int

www.pakresponse.info

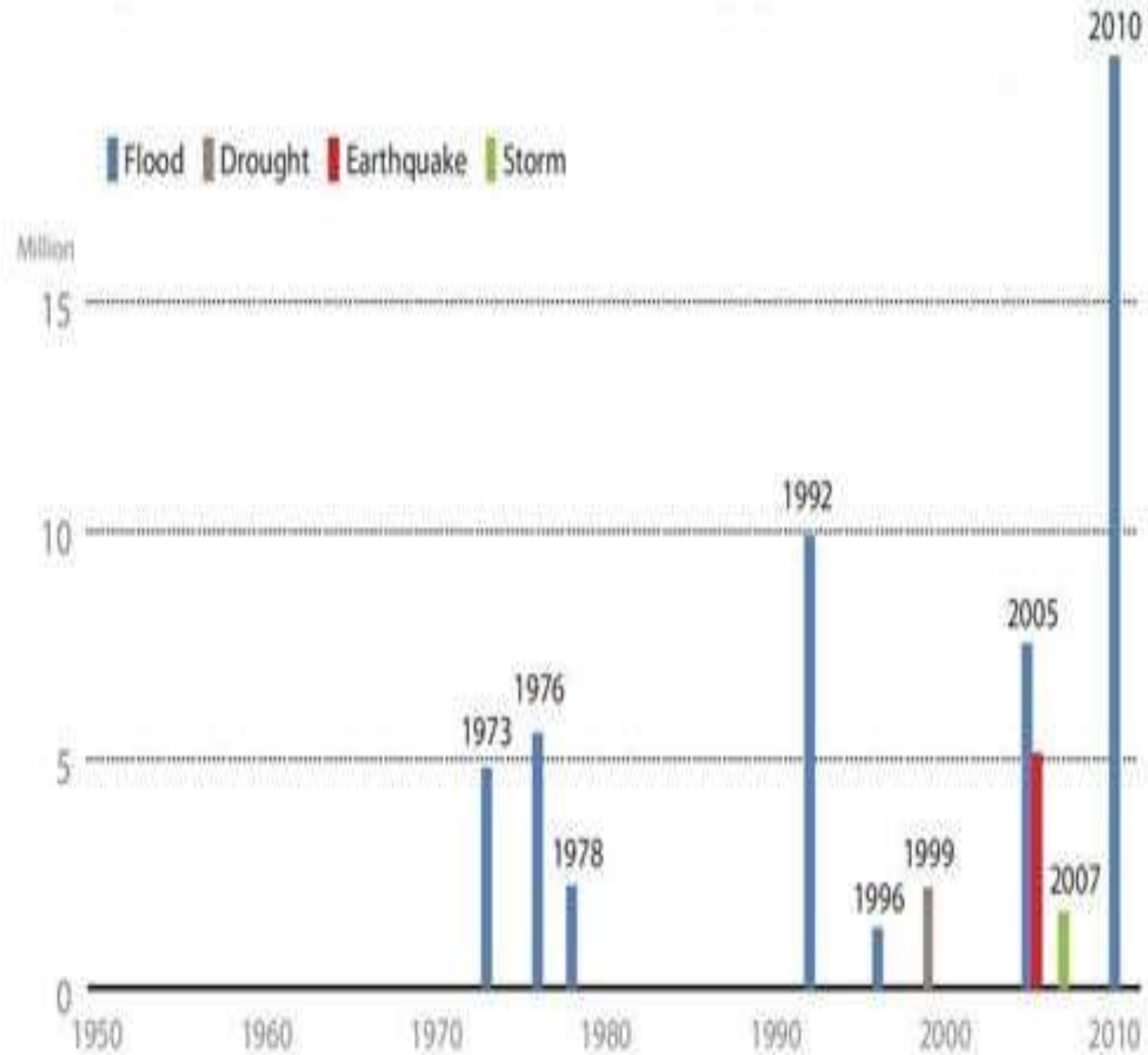
Natural Disasters Trend in Pakistan



Economic Damage Costs from 1947- 2011 (Top 10 Natural Disasters)

Year	(Damage in 000 US\$)	Disaster
2010	9,500,000	Flood
2005	5,200,000	Earthquake
2007	1,620,000	Cyclone
1992	1,000,000	Flood
1973	661,500	Flood
1976	505,000	Flood
2007	327,118	Flood
1999	247,000	Drought
2001	246,000	Flood
2008	103,000	Flood

Ten Biggest Natural Disasters in Pakistan (No. of affected population)



Acknowledgements

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■ THANK YOU