Shelter Cluster Nepal
ShelterCluster.org
Coordinating Humanitarian Shelter

# Terai region
# Village Development Committees classified by level of flood risk

For Humanitarian Purposes Only
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## Analysis description

GIS analysis based on geographical data sources was conducted, where several sources were triangulated to reach a final risk categorisation. The key analysis steps are outlined below:

1. Identified VDCs with flood hazard according to global flood modelling
2. Identified VDCs with flood prone rivers
3. Classified VDCs by risk level based on past impact
4. Classified VDCs by risk level based risk classification in DDPRP profiles (Including only Medium and High risk areas)
5. Triangulated all sources and assigned final risk classes as follows:

**- Risk of flooding:** All VDCs identified in GIS analysis as being in flood hazard area or/and include flood prone river (both with past impact has or hasn't occurred)

**- Possible risk of flooding:** All VDCs that were not identified through GIS analysis as being in flood hazard area or/and include flood prone river, but other data (DDPRP profiles and/or flood events inventory) indicate occurrence of floods in the past.

**- Risk of flooding, not populated:** All VDCs identified in GIS analysis as being in flood hazard area or/and include flood prone river but which were not populated according to VDC level population figures and had no evidence of past impact of floods in impact and risk datasets.

**- Negligible risk of flooding:** All VDCs that were not indicated to be at risk of flooding by any source

Data sources: For details see data sources section on map and in report

Khalanga
Simikot
DasharathchandaN.P.
Chainpur
ShreeNagar
Martadi
AmargadhiN.P.
DipayalSilgadhiN.P.
MahendranagarN.P.
Mangalsen
Kartikswami
Manma
Kanchanpur
NarayanN.P.
DhangadhiN.P.
Kailali
Dunai
Khalanga
BirendranagarN.P.
Surkhet
MusikotKhalanga
Jomsom
Bardiya
Khalanga
GulariyaN.P.
Chame
Liwang
Arthunge
NepalgunjN.P.
Banke
TulsipurN.P.
KalikaN.P.
Shivalaya
TribhuwanNagarN.P.
PythanKhalanga
PokharaN.P.
Besishahar
Dang
Tamghas
PutalibazarN.P.
Sandhikharka
ByasN.P.
Dhunche
TansenN.P.
PrithbinarayanN.P.
BidurN.P.
ButawalN.P.
Kapilbastu
Rupandehi
Kumpur
KapilbastuN.P.
Nawalparasi
SiddharthNagarN.P.
RamgramN.P.
BharatpurN.P.
Chitawan
LalitpurN.P.
KathmanduN.P.
Choutara
BhaktapurN.P.
DhulikhelN.P
BhimesworN.P.
HetaudaN.P.
Salleri
Parsa
Manthali
Bara
Okhaldhunga
KhandbariN.P.
Phungling
BirgunN.P.
KalaiyaN.P.
KamalamiN.P.
Diktel
Rautahat
Sarlahi
Bhojpur
Myanglung
Phidim
MalangawaN.P.
Dhanusha
Udayapur
GaurN.P.
Mahottari
DhankutaN.P.
JanakpurN.P.
Siraha
Triyuga N.P.
IlamN.P.
JaleshworN.P.
SirahaN.P.
Sunsari
Saptari
IharuwaN.P.
RajbirajN.P.
Morang
Jhapa
Chandragadhi
BiratnagarN.P.

## Level of Flood Risk

- Flood Risk
- Possible Flood Risk
- Flood Risk (Not Populated Area)
- Negligible Risk
- Terai Districts
- Major rivers
- Main town

***Data sources:***

***District boundaries, VDC boundaries:*** *OCHA*

***Flood risk analysis:***
*Global flood hazard mapl for the 100 year return period, Joint Research Centre (JRC)*
*Shapefile with water network for Nepal, RCO*
*List of flood prone rivers identified based on the narrative content of DDPRP reports, RCO*
*Flood disaster inventory 2005-2014, RCO/MOHA*
*DDPRP Profiles*

*Coordinate System: WGS 1984 UTM Zone 45N*
*Projection: Transverse Mercator*
*Document Name: NPL_Terai_FloodRisk_VDC_28JULY2016_A0*
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*Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates, donors or any other stakeholder mentioned on this map.*

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Scale A0 : 1:1'000'000

0 50 100 Kilometers

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