



KENYA Situation Report #4– FLOODS & LANDSLIDES – November 14th, 2008

This situation report is based on information received from the Government, UN Agencies, other humanitarian partners in the field and local media.

Highlights

- Kenya Red Cross Society estimates that 300,000 people have been affected by floods, landslides and conflict and released a national appeal for USD 7.5 million.
- Severe flooding started in Budalangi district on 10 November after water burst through the dykes on the Nzoia River; at least 5,000 people were displaced or marooned.
- At least five people were killed, including two children, due to flooding in the Ukambani Region between 6-10 November.
- Landslides killed 12 people, ten of whom were children, in Pokot Central district on 8 November; 27 houses are at risk of future landslides.
- Flash floods from Mount Kilimanjaro displaced at least 100 people and destroyed farms in Taveta, Coast Province.
- The KRCS reported that floods have affected 29,570 people in Trans Nzoia district and submerged 1,800 acres of farmland.
- In Wajir district, 400 were displaced and approximately 80,000 were otherwise affected by floods.
- Twenty-two were killed by flooded rivers in Eastern Province.

SITUATION OVERVIEW

1. The Kenya Meteorological Department (KMD) forecasted that for October-December, enhanced rainfall and flooding and land / mudslides were predicted for Western Kenya and Nyanza, parts of Central Highlands (Murang'a). Heavy storms were expected in the following areas:

Province	Affected areas
Western	Kakamega, Busia, Butere/mUisa, Vihiga
Much of the Rift Valley	Nakuru, Bomet, Kericho, nandi, eldoret, Kitale, Naivasha, Nyahururu, Samburu, Baragoi, Lodwar, Lokichoggio, Lokitaung
Nyanza	Kisumu, Siaya, Rachuonyo, Nyamira, Kisii, Gucha
Nairobi	Dagoretti, Wilsom, Jomo Kenyatta Airport
Parts of Eastern	Meru, Embu, Chuka, Nyambene, Machakos, Makindu
Central	Kiambu, Thika, Kerugoya, Sagana, Karatina, Maragua
Coast	Particularly the southern coastal strip Mombasa, Kilifi, Malindi, Msabaha, Taita Tavet

2. KMD projected that the rains could cease in many areas by the end of December, indicating that rainfall and related flooding will continue for most areas for the next four to five weeks:

Province	Expected cessation of short rains
Western and Nyanza	3 rd to 4 th week of December
North Rift Valley	4 th week of November - 1 st week of December
Central	2 nd to 3 rd week of December
North Eastern and northern Eastern Province	4 th week of November to 1 st week of December
Central Rift Valley	3 rd to 4 th week of December
Southern parts of Eastern	2 nd to 3 rd week of December
Coastal	3 rd to 4 th week of December

3. During the rainy season, land/mudslides occur in parts of Western Kenya, Nyanza, Rift Valley, parts of Central Highlands, Coast and Eastern provinces. The landslides occur in various places with varying impacts. Areas at risk of landslides include those below.

Province	Vulnerable Areas/Districts to Landslides
Western	Parts of Bungoma, Kwana, Busia
Nyanza	Parts of Larger Kisii
Rift Valley	Parts of Baringo, Pokot, , Kericho, Nandi, Nakuru, Tambachi, Kapenguria, Mararal,
Central	Parts of Muranga, Thika, Nyeri, Kiambu
Eastern	Parts of Machakos, Kitui, Wundanyi, Parts of Isiolo
Coast	Parts of Kwale,

- The Kenya Red Cross Society (KRCS) estimates that 300,000 people have been affected by floods throughout the country (including death, displacement, marooning, compromised food security or threatened by disease or other hazards). KRCS released a national appeal on 13 November for Ksh585,839,514 (USD 7.5 million) to assist the affected population for three months.
- There are concerns that without swift action, there could be a dramatic increase in the spread of water-borne diseases, increased cases of malaria, increased incidence of communicable diseases and an outbreak of Rift Valley Fever. Furthermore, protection concerns are emerging with the increased displacement of households affected by floods, including but not limited to incidents of gender based violence and the separation of children from their families.
- Many roads have become impassable due to floods and have constrained the delivery of assistance. During past floods, the following corridors have been rendered impassable:
 - Rift valley: Kapenguria-Lodwar; Laikipia-Samburu
 - Eastern: Isiolo-Marsarbit-Moyale
 - Coast: Garsen-Hola
 - North Eastern: Garissa-Wajir- Mandera; Garissa-Ijara

NYANZA & WESTERN PROVINCE (40,679 people affected)

- In Budalangi district:** severe flooding is occurring after water burst the dyke on the Nzoia River on 10 November. According to an inter-agency mission on 12 November, approximately 5,000 people were displaced or marooned in the

following locations: Mukobola Centre, Lugari, Budalangi, Mudembi-Sibuka, Siginga and Mundereh locations. However some areas remain inaccessible so there is a likely possibility that another 2,000 people are affected, who could not be verified.

- World Vision Kenya noted that the 5,000 displaced people have relocated to four farms within Bunyway: Mukobola Centre (with 2,485 displaced); Lugari (with 742 displaced), Mabinji (with 884 displaced); and Rugunga (with 669 displaced). It was noted that approximately 2,400 people affected by floods are also taking refuge in schools and dispensaries in Mukhobola and Musoma.
- The Kenya Red Cross Society (KRCS) noted that up to 40,679 people may have been affected by the floods, including 1,029 who were displaced from their homes in Budalangi South and 55 households displaced in Budalangi North.
- UNICEF and Action Aid Kenya reported that as of 12 November three schools (Sibuka Primary, Makunda Primary and Makunda Secondary) had been submerged by the floods and were officially closed. The interagency assessment highlighted that five other schools were also affected. Most students have been sent home early for the end of the term while accommodation has been made for some to sit their exams at other schools. Eight early childhood development (ECD) centres in Khajula location have been marooned and the affected population will be evacuated by the Government.
- Access to safe drinking water in the affected areas has become problematic: groundwater sources were submerged and surface water was contaminated by floodwater. Most latrines in the affected areas were either submerged or were full. Cases of diarrhoea, respiratory tract infections and malaria were reported in the affected areas.
- Most households rely on small-scale farming for their livelihoods and are now unable to access their farms. Most families have started skipping meals, borrowing food and selling assets as coping mechanisms against the shocks. The food situation is likely to worsen in the coming weeks

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if the floods continue and the prices of commodities continue to rise.

13. Due to security concerns, some family members have remained in flooded homes to protect their property.

14. Heavy rainfall continues to affect the area and it is predicted that the remaining dykes could give way due to the increased water pressure. However, some families are still living on top of the dykes in some areas. Recent efforts to repair dykes on the Nzoia River had been delayed due to heavy rains. Some officials have called for the replacement of the 30-year-old dykes.

15. **In Buyanji, Sabwani and Maliki, Trans Nzoia district:** the KRCS reported that floods have affected 29,570 people along River Sabwani. Many people in Namanjalala centre have been evacuated to high ground. More than 1,800 acres of farmland have also been flooded.

16. **In Namanjalala village, Kwanza district:** local media reported that over 3,000 people had been displaced after River Sabwani burst its banks on 7 November. The DC noted that 150-200 houses in low-lying areas were submerged by floodwaters. Displaced households are being accommodated by community members. There is a high risk of the contamination of water sources due to collapsed latrines and the walls of the Kitale Ndogo primary school collapsed. The district authorities conducted an assessment with the Ministry of Health (MoH) and UNICEF on 14 November, with results expected by 15 November.

17. **In Usonga, Siaya district:** on 14 November CARE reported that 1,602 people in 484 households have been affected and rains were continuing in the area. According to the District Officer, farmland of 230 farmers has been submerged.

**CENTRAL PROVINCE
(2,230 people affected)**

18. **In Murang'a district** KRCS reported that landslides caused one death and buried several

homes in Giko village, Jnumbi location. 20 families have been evacuated.

EASTERN PROVINCE

19. **In the Ukambani Region (south-eastern Kenya):** at least five people were killed due to floods between 6 - 10 November, according to local media. Two children were swept away by a flooded stream in Kitui District and three people were swept away in Kangundo district while attempting to cross the flooded Kalala River. At least twenty houses were reportedly flooded, recently planted crops were submerged and roads in Ukambani have reportedly suffered extensive damage.

20. **In Mwala district:** Caritas reported that ten people were killed after being swept away by a flooded river.

21. **In Kinyambu area, Kambu district:** Caritas reported that two children were swept away by raging waters on 11 November on their way to school.

22. **In Machakos district:** Caritas reported that five people were killed in Kangundo by floods.

**RIFT VALLEY PROVINCE
(42,000 people affected)**

23. **In Chesegon Division and Ptirap sub-location Pokot Central district:** the KRCS reported that landslides killed eight children in Chesegon division and three others (two of whom were children) in Ptirap sub-location, Pokot Central district on 8 November. Fifteen other children were injured and hospitalised. According to local media the DC noted that the Government was making temporary shelter arrangements for some 200 people displaced in Chesegon division. Roads in the district were also damaged and the Wei Wei Bridge collapsed due to floodwaters.

24. Local authorities advised approximately 27 families located in landslide-prone areas of Pokot Central district to relocate to safer areas. There have been five other landslides in the district since 3 November, according to the KRCS.

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25. **In Sigor district:** 367 households were affected and a bridge was washed away cutting off access to the village.

26. **In Laikipia North district, Turkana district and Isiolo district:** roads and transport have been affected by flooding. Local media reported that roads leading to Laikipia North District have been cut off since 8 November, due to heavy rainfall. Roads have also become inaccessible in Turkana district, according to media, while a truck carrying relief food was swept away by the Ewaso Nyiro River, which flooded in Gotu near Meri, Isiolo district.

27. **In Samburu North district:** media reported that hundreds of residents were forced to move to higher grounds to escape floods on 11 November.

**NORTH EASTERN PROVINCE
(178,968 people affected)**

28. **In Garissa district:** UNICEF reported that two children had been swept away by floods which affected Modogashe and Balambala on 7 November. KRCS reported that 50 households and 2,000 goats were marooned in Gurufa village. A high number of livestock have also been killed during the floods in Kasha, Mbalambala, Libahlow, Saka, Shimbirey, Shidle and Dujis, Garissa district. At least fifteen latrines have also been submerged.

29. There is a likelihood that the standing floodwater could increase the spread of Rift Valley Fever and malaria. The latrines at two schools were also destroyed (Goodwish early childhood development centre and Jribu primary school). The roof was also blown off of Garasweino Primary School in Fafi.

30. The Veterinary Department has issued an alert for a possible outbreak of Rift Valley Fever. The Ministry of Agriculture (MoA) also advised farmers to remove water pumps along the river valley.

31. All roads leaving Garissa towards Lagadera, Dadaab and Bura are impassable, constraining the delivery of aid to the refugees in the Dadaab camps.

32. **In Wajir district:** The district Disaster Management Committee reported that 400 people were displaced by floods and KRCS reported that initial assessments concluded that floods have affected approximately 80,000 people in Wajir Central Location. After above average rainfall since 7 November, according to the KRCS, most of Wajir town is flooded and there is also flooding in Arbijahan, Hadado, Bute, Danaba, Ogomti, Guarar, Wajir Bor and Mansa.

33. 500 latrines and wells have been submerged in Wajir town, causing sanitation hazards and increasing the risk of waterborne disease outbreaks. 6,000 wells and the main water supply have been contaminated from submerged buckets latrines. The district hospital has no clean water. Standing water also increases the risk of the spread of malaria in the region.

34. Most flooded areas are draining into Wajir town which does not have flash flood drainage channels and the water table is only 1.5 metres below the ground.

35. The Garissa-Wajir-Mandera road has suffered some damage and fuel shortages and increased prices in food are already impacting Wajir town.

36. **In Lagdera district:** 50 households are reportedly marooned by water and have been separated from their livestock. The nearest dry land is approximately 10kms from the group.

37. **In Mandera Central district:** the KRCS and Islamic Relief (IR) noted that the flood situation has worsened since 7 November. In Rhamu, Rhamu Dimtu and Kalicha, Hareri, Qumbiso, Sala, Girrisa, Shantole, Yabicho and Kalmalab divisions, flooding has displaced several people and submerged 1,150 acres of farmland, affecting over 1,200 families. The KRCS noted that the floodwaters may remain for up to 60-90 days.

38. No human or livestock deaths have been reported. At least 153 people affected by diarrhoeal disease have been referred to medical facilities since flooding began in Mandera two weeks ago. IR reports that households are drinking floodwater, which could increase the spread of diarrheal disease and other waterborne infections. The prevalence of malaria is also high.

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39. The canals and stilling basins are submerged and roads along the Daua river are currently impassable. There are concerns that the floods could reach Mandera town if the rainfall and runoff continue. Floodwaters are currently only 300 metres from a school for the disabled in Mandera.
40. There is a shortage of food in the area because roads have been impassable.

COAST PROVINCE
(36,223 people affected)

41. **In Taveta District, Coast Province:** local media reported that at least 100 people have been displaced due to flash floods caused in part by run-off from Mount Kilimanjaro and overflow from River Lumi. Hundreds of acres of crops were reportedly destroyed and three primary schools were reportedly closed as of 10 November.
42. **In Tana River district:** the KRCS reported that 36,233 people were displaced after the Tana River burst its bank. Affected areas include Garsen, Kipini, Witu, Wenje, Ozi, Hola and Madogo.
43. The road between Ijara and Garsen has become impassable and media reported that on 11 November candidates for the primary education exams had been moved to boarding facilities to ensure they could sit for the exams. Maramtu and Walesorea Primary schools were struck by lightning on 8 November and four classroom roofs were destroyed. UNICEF reported that Ksh80,000 worth of schoolbooks were washed away between 8-9 November at Maramtu Primary school. It was highlighted that if the dams were open the consequences would be devastating.
44. **In Upper Tana River (Hola District):** the district commissioner (DC) reported that heavy rains were experienced between 8-10 November. Ten houses were submerged after the Jaridende dam burst its banks. Part of the Maramtu Primary School in Madogo division was washed away.

45. On 11-2 November, heavy rains in Kitui district flooded two lagas in Kofisa, Wayu location, Golele division. 92 households, including 485 people, were marooned by water, they were rescued and are now camped at the Daba Primary school in Wayu location.
46. The district is on high alert for the possible spread of waterborne diseases and there are concerns regarding deteriorating sanitation and food security.
47. Local media issued an alert for communities in areas susceptible to floods to move to higher ground, including: Chewele, Walosorea, Naningi, Kinakomba, Jamhuri and Erimani areas.
48. The road between Hola and Garsen is completely impassable due to flood damage.
49. **In Thimanjiri Village, 3kms from Meru town, Meru Central district:** the KRCS reported that at least 22 families were displaced by floods on 22 October.

RESPONSE

50. The Government has made significant efforts to ensure that pupils who were scheduled to sit for their primary school exams were able to access schools or that exam sites were moved. UNICEF is working with the Ministry of Education to determine the need for tents when classes resume in January, if schools have not been repaired by that time.
51. When vaccinating against the livestock disease peste des petits ruminates, the Ministry of Livestock also vaccinated some livestock against Rift Valley Fever.
52. **In response to the Budalangi floods:**
- The Government has provided the following: 3,000 bags of maize; 300 bags of beans (including transport from Kisumu warehouses for all food items); 600 bags of rice; 300 cartons of vegetable oil; and 2,000 blankets.
 - Adequate drugs and health personnel are available to respond to disease outbreaks.
 - KRCS is providing: 500 tarpaulins; 1,000 blankets; 500 bars of soap; kitchen sets; 100

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packets of sanitary towels; 500 mosquito nets; and 400 jerry cans.

- UNICEF distributed the following: 230 tarpaulins; 476 buckets; 625 bars of soap; 16,000 aqua tabs; 29,040 water purification sachets.
- UNICEF is dispatching the following from Kisumu to Budalangi: 2,813 jerrycans, 50 cartons of soap, 48,000 Aquatabs, and 228 boxes of PUR.
- UNICEF is dispatching the following from Nairobi to Budalangi: 52,000 Aquatabs; 150,000 PUR sachets; 2,000 insecticide treated nets, 1,000-2,000 family kits (depending on transport capacity). UNICEF will also re-stock 2,000 family kits at the Kisumu office.
- UNICEF has also committed to provide 10 water storage tanks of 5,000 litres; 250 plastic latrine slabs and one full inter-agency kit.
- World Vision has provided 1,000 mosquito nets and 1,000 tarpaulins. 1,000 blankets have been prepositioned.
- An inter-agency team led by OCHA is on the ground to support coordination.

53. In response to the Pokot Central landslides: the KRCS distributed NFIs to 20 families, including blankets, mosquito nets, tarpaulins, soap, kitchen sets and PUR sachets.

54. In response to the Wajir flooding:

- The Wajir counsel has scaled up solid waste collection to avoid sanitation hazards and clear drainage systems.
- Roads are being backfilled to facilitate drainage from the town.
- Mass spraying of insecticide will be undertaken.
- Oxfam, Merlin, KRCS, APHIA II and the District Public Health Office provided water testing kits to sample and analyze floodwaters for disease hazards.

55. In response to the Garissa district flooding:

- Community sensitisation on communicable diseases and livestock diseases is ongoing through FM stations and an adequate stock of drugs is available.
- The KRCS began distributing food assistance on 31 October, including 314 MTs; however, distribution of over 180 MTs has been delayed due to poor road conditions.
- The Government dispatched some food assistance on 14 November; however food distributions to some beneficiaries under the

EMOP have been delayed due to impassable roads

- The KRCS transferred a water treatment plant from Mandera to Garissa. It was agreed that the authorities will provide water trucking to help distribute clean water.
- An action plan is begin prepared by the relevant ministries based on the worst-case scenario.
- NFIs are needed of affected communities.

56. In response to the Upper Tana River district flooding:

- Rehabilitation of the water damn is currently underway by the Ministry of Water, engineers and ALRMP.
- Some food assistance has been provided by the Government: (60 bags of rice and 54 litres of cooking oil).
- KRCS is distributing 92 tarpaulins and family kits.

57. In response to Kwanza flooding: the DC is providing food assistance from available stocks; however these are not sufficient. UNICEF has begun some distributions and Action Aid conducted an assessment on 12 November. Catholic Diocese is planning distributions.

58. In response to the Mandera flooding:

- KRCS distributed NFIs to 934 households. Food is currently being moved into the area, though access remains challenging.

59. In response to the Meru Central flooding: KRCS distributed blankets.

60. In response to the Taveta flooding: media reports that the Government is distributing rice and beans in the affected areas.

61. In response to the Kwanza floods: media reported that the KRCS and Government are providing tents to the displaced families.

OUTSTANDING NEEDS

62. The needs identified for the Budalangi area include:

- 108 cartons of vegetable oil and continued food assistance until the situation stabilised.
- NFIs: 1,600 jerrycans; 150 tarpaulins; 1,000 mosquito nets; and 1,524 buckets.

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- WASH support for submerged or filled latrines. Household water treatment chemicals are required and mobilelets are needed. Disinfection of water sources is required.
- Tarpaulins and floor sheeting to establish temporary shelters.
- Screening and close monitoring of the health status to pre-empt any outbreaks and outreach health services for inaccessible areas. Additional medical supplies should be pre-positioned in case of any outbreaks.
- Assessment of the nutrition situation.
- Continued verification of affected populations.
- Pre-positioning of relief stocks in case further populations are affected.
- Affected classrooms require repair as well as the perimeter fence at Makunda Secondary and Sibuka Primary schools. Desks and books which were washed away also require replacement.

63. In Pokot Central, KRCS noted that the following was needed in the immediate and longer term:

- NFI stocks to meet the needs of displaced households and those who may be displaced by future landslides.
- Rehabilitation of the roads and reconstruction of the Wei Wei Bridge.
- Establishment of early warning mechanisms to inform communities of impending hazards.
- Environmental conservation efforts to reduce landslides in the area

64. In the Ukambani region the following is urgently needed:

- An assessment of needs, specifically for the 20 households reportedly affected by the floods and the damaged roads.
- Identification of NFI stocks to respond to identified needs.
- Inputs for those who lost their crops due to the floods may also be needed.

65. In Trans Nzoia, the KRCS highlighted the following needs:

- Clean water; latrines and aqua tabs.
- NFIs: tents, blankets, soap and kitchen sets.
- Medical support
- Food assistance
- A thorough assessment of humanitarian needs.

66. In Garissa district, UNICEF noted that:

- In the worst case scenario, it was forecasted that 15,000 people would require food assistance. The District Officer is appealing to the MoSSP to pre-position food and some was dispatched on 14 November.
- Increased insecticide treated nets to mitigate the spread of malaria and rift valley fever.

67. In Kwanza the DC noted that:

- Assistance is needed to prevent the spread of waterborne diseases, including medicines for treatment.
- NFIs: blankets and tents.
- Additional food assistance for affected populations is needed.

68. In Lagdera district UNICEF noted that:

- NFIs and access to marooned communities is needed.

69. In Wajir district the following is needed:

- Health education (staff, vehicle, fuel) to mitigate the effects of any disease outbreaks.
- Inputs to mitigate the effects of outbreaks, including mosquito nets, 60 tins of chlorine to treat 10,000 shallow wells and 465 earth pans.
- 4.3 million aqua tabs for 400 households and pre-positioning of 99 cholera kits.
- Support for indoor residual spraying of insecticides. NFIs for displaced families.
- Reconstruction of Hadabo borehole.
- Vaccination of livestock
- KRCS is assessing stocks of relief items pre-positioned in flood-prone areas to identify outstanding needs. KRCS is repositioning the water treatment plant from Mandera to Wajir.

70. In Mandera district the following is needed urgently:

- Sanitary facilities for 920 households (slabs/latrine platforms)
- WASH inputs: chlorination of five contaminated boreholes; 2.7 million aquatabs; and 100,000 PUR sachets;
- NFIs: 2,000 packets of sanitary towels; 8,000 bars of soap; 600 buckets; 300 family kits; 70 PVC pipes class D.
- Health education and awareness regarding water-borne diseases.
- Sensitization on the risks of crossing rivers.
- Aqua tabs.
- Mosquito nets.

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71. Further information and/or needs assessments are required for the following areas:

- **Mandera district, North Eastern Province**
- **Siaya district, Nyanza Province**
- **Namanjalala village, Kwanza district**
- **Taveta, Taita-Taveta district, Coast Province**
- **Lakipia North District, Turkana district and Isiolo district – roads assessment**

COORDINATION

72. An inter-agency assessment of affected areas in Budalangi district was conducted with the Government on 12 November. OCHA is working with partners at the Eldoret and Kisumu hubs to assess available stock and will support the national and district authorities to establish a single aid pipeline to ensure a coordinated response to emerging needs.

73. A single pipeline for aid distribution is also being implemented to respond to needs in Trans Nzoia.

74. The District Steering Group (DSG) in Mandera met on 12 November to plan an assessment of areas affected by floods and clashes. The DSG in Garissa is also planning an assessment of affected areas. The District Disaster Management Committee met on 10 November in Wajir District.

75. KRCS is assessing stock of relief items pre-positioned in flood-prone areas to identify outstanding needs.

76. With national disaster preparedness and response departments, OCHA is preparing an outline of all ongoing river water monitoring, the early warning systems in place for residents, and a summary of the channels through which early warnings are disseminated to aid agencies. The objective is to improve mitigation and flood preparedness.

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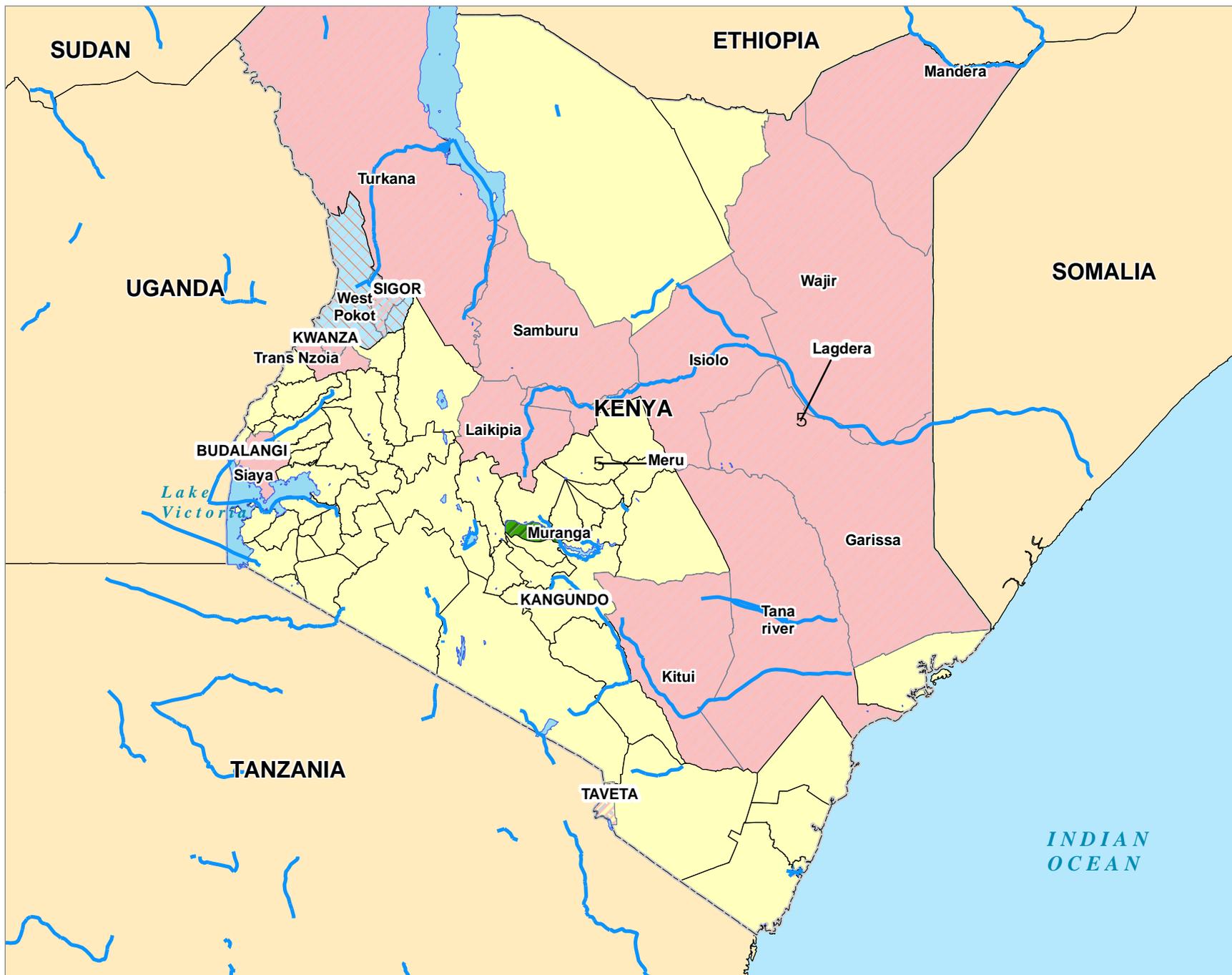
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Current Emergencies in Kenya - Affected Districts



Legend

-  Major Rivers
-  Lakes
-  Kenya Districts
-  International Boundary
-  Districts Affected by Floods
-  Districts Affected by Landslides
-  Districts Affected by Floods and Landslides

Map Doc
Name: KEN_Flood_Situation_A4_14Nov08
Creation Date: 14 November 2008
Projection/Datum: WGS 1984
Web Resources: <http://ochaonline.un.org/kenya>

Nominal Scale at A4 paper size: 1:6,000,000
 0 40 80 160 Km



Map data source(s):
 Kenya Settlements data is from DEPHA
 Administrative boundaries data is from DEPHA and UNDP
 International boundaries data is from OCHA ROCEA
 flood data is from local media, local authorities and KRCS
 Landslide data is from KRCS Assessment Report

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Annex 1.

Floods matrix as at 14 November, 2008

Affected Province	Affected Districts	Type of disaster	No. of people affected	Other humanitarian impacts	Humanitarian Response	Outstanding Needs
Nyanza/Western Province	Budalangi (Mukobola centre, Lugare, Budalangi, Mudembi-Sibuka, Sigingi and Mundereh)	Floods	40,679 (6780 families)	Three schools have been submerged by floods. Fove other schools have been affected. Eight ECD centres in Khajula location have been marooned and affected population will be evacuated by Government.	Government has provided 3,000 bags of maize; 300 bags of beans; 600 bags of rice; 300 cartons of vegetable oil; and 2,000 blankets	WASH support for submerged or filled latrines; continued verification of affected populations; tents for schools affected; pre-positioning of relief stocks
				Inadequate access to safe drinking water as ground water sources are submerged. And surface water contaminated by floodwaters.	Adequate drugs and health personnel on the ground	
				Cases of diarrhoea, respiratory tract infections and malaria were reported in the affected areas	KRC providing 500 tarpaulins; 1,000 blankets; 500 bars of soap; 100 packets of sanitary towels; 500 mosquito nets; and 400 jerry cans	
				Food situation likely to worsen if floods continue.	UNICEF dispatching 52,00 aquatabs, 150,000 PUR satchets; 2,000 insecticide treated nets, 1,000-2,000 family kits; 2,813 jerrycans, 50 cartons of soap, 48,000 aquatabs; 228 boxes of PUR	
	Siaya district (Usonga)	Floods	1,602 people in 484 homes have been affected	Framland of 230 farmers has been submerged.		
	Kwanza district (Namanjalala village)	Floods	Over 3,000 people displaced	150-200 houses in low lying areas/marsh lands submerged by rising waters.	KRCS and Government are providing tents to the displaced families. GOK evacuated 60 households. DC is providing food assistance from stock, however reports that stock is not sufficient for a continued response. UNICEF has begun distributions. ActionAid conducted an assessment of the area on 12 November and the Catholic Diocese is planning distributions.	Immediate needs: NFIs particularly blankets, medicines, few tents.
North Eastern Province	Garissa district (Modogashe, Balamabala)	Floods	2 children swept away.	Livestock killed; latrines in two schools destroyed. All roads except roads to Nairobi have been cut off.	Ongoing community sensitization on communicable diseases and livestock diseases. Adequate stock of drugs available. KRCS began distribution of food assistance (314MTS). Distribution of over 180 MTs has been delayed due to poor road conditions. ; An action plan being prepared by relevant ministries based on worst case scenario.	In the worst case scenario, it was forecasted that 15,000 people would require food assistance. The District Officer is appealing to the MoSSP to pre-position food.

			50 households and 2,000 goats were marooned in Gurufu village.			Increased insecticide treated nets to mitigate the spread of malaria and rift valley fever.
	Wajir district	Floods	300 people displaced and a total of 80,000 people affected.	Latrines and wells sub-merged causing sanitation hazards.	Wajir council has scaled up solid waste collection to avoid sanitation hazards and clear drainage systems; roads being backfilled to facilitate drainage from the town; mass spraying of insecticide to be undertaken; OXFAM, Merlin, KRCS, APHIA II and District Public Health Office provided water testing kits to sample and analyze floodwaters for disease hazards.	Health education (staff, vehicle, fuel) to mitigate the effects of any disease outbreaks.
			KRC noted over 178,968 people were marooned in Wajir, Mandera and Garissa districts.			Inputs to mitigate the effects of outbreaks, including mosquito nets, 60 tins of chlorine to treat 10,000 shallow wells and 465 earth pans.
						Support for indoor residual spraying of insecticides. NFIs for displaced families.
						Reconstruction of Hadabo borehole.
						Vaccination of livestock NFIs and
	Lagadera district	Floods	50 households reportedly marooned by water.			Access to marooned communities is needed.
	Mandera central district (Rhamu, Rhamu Dimtu and Kalicha division)		Over 1,200 families affected.	600 hectares of farmland submerged. At least 153 people affected by diarrheal disease.		
Central Province	Meru Central district (Thimanjiri village)	Floods	At least 22 families displaced		KRCS distributed blankets	
	Murang'a district (Njumbi, Gikoe)	Land slides	2,230 people (372 families) 1 death	Several homes buried in Gikoe village		
Eastern Province	Ukambani	Floods	5 people killed	At least 20 houses flooded, planted crops submerged and roads impassable.		An assessment of needs, specifically for the 20 households reportedly affected by the floods and the damaged roads.
						Identification of NFI stocks to respond to identified needs.
						Inputs for those who lost their crops due to the floods may also be needed.
	Kitui district	92 households and 485 people were marooned. The population has been rescued.	Two lagas flooded in Kofisa, Wayu location, Golele division.			
Rift Valley Province	Trans Nzoia district (Buyanji, Sabwani, Maliki)	Floods	29,570	More than 1,800 acres of farmland have also been flooded		Clean water; latrines and aqua tabs.
						NFIs: tents, blankets, soap and kitchen sets.
						Medical support
						Food assistance

	Turkana, Laikipia North and Isiolo district	Floods		Roads and transport affected. Truck carrying relief food swept away by the Ewaso Nyiro River flooded in Gotu near Meri, Isiolo district.		
	Pokot Central (Chesegon division and Pitrap sub-locations)	Land slides	Eight children killed in Chesegon division and three others killed in Pitrap sub-location. 15 other children injured and hospitalised	Roads in the district damaged and Wei Wei bridge collapsed.	Government making temporary shelter arrangements for some 200 people displaced in Chesegon division	NFI stocks to meet the needs of displaced households and those who may be displaced by future landslides.
				KRCS distributed NFIs to 20 families including blankets, mosquito nets, tarpaulins, soap, kitchen sets and PUR sachets.	Rehabilitation of the roads and reconstruction of the Wei Wei Bridge.	
					Establishment of early warning mechanisms to inform communities of impending hazards. Environmental conservation efforts to reduce landslides in the area	
	Sigor	floods	367 households affected and bridge washed away.			
	Samburu north	Floods		Hundreds of residents forced to move to higher grounds to escape floods.		
Coast province	Taveta district	Floods	100 people displaced	Hundreds of acres of crops destroyed	Government distributing rice and beans	
	Taita district		District has not been affected by floods but the waters of the Tana River are high in the area.			
	Tana River district (Garsen, Kipini, Witu, Wenje, Ozi, Hola and Madogo)	Floods	36,233 people displaced	Road between Ijara and Garsen impassable	Rehabilitation of the water dam is currently underway by Ministry of Water, engineers and ALRMP.	
				In Hola, ten houses were submerged after the Jaridende water dam burst its banks. Part of Maramtu primary school in Madogo division was washed away.	Some food assistance has been provided by the Government(60 bags of rice and 54 litres of cooking oil)	
					KRCS is distributing 92 tarpaulins and family kits.	