

**Weekly Emergency Preparedness and Humanitarian Action (EHA)
Sudan Activity Report**

Focal Point's Name Christina Banluta
Duty Station Sudan
Reporting Period Week 12 of 2007 (period: 18 March – 24 March)

GENERAL SITUATION:

Political, social, security overview for the week

Darfur Region

South Darfur

16 March. around 200 armed Rezeigat Abbala (camel herders) tribe members, some dressed in GoS police uniforms and riding on camels, attacked the village of Targem tribesmen at Bulbul Abu Zazur. Reports stated that ten (10) Targem were killed and six (6) injured. The attackers looted about 1,000 cows, 500 goats, and 150 sheep and escaped into the direction of Kass. The dead bodies and injured were brought to the Nyala General Hospital the following day.

17 March. In Adilla, 150 kilometers southeast of Nyala, unknown armed men ambushed and killed two (2) Rezeigat tribesmen. A UN team visiting the area met with a GoS representative. The GoS representative expressed concerns of the tension in the village and retaliation is likely to happen.

18 March. In Karoley IDP camp in Kass, a UN vehicle (Toyota Landcruiser) was maliciously damaged by an alleged mentally challenged person. The incident happened while a UN team was on a mission. The parked vehicle was repeatedly hit by the mental patient and damaged two (2) windows.

North Darfur

21 March. An INGO Toyota Buffalo was taken at gunpoint on the road from Tabit to El Fasher. The following day, the vehicle was recovered.

West Darfur

24 March. UN successfully evacuated thirteen (13) INGO (CRS and Medair) staff members from Abu Surug and Sirba respectively after Sirba village was attacked by armed militia at around 1030hrs.

22 March. In Bahia area (200 km N of El Geneina), African Union reported that the GoS aerielly bombed locations along the Chad – Sudan Border. Locals from Bamina and Bahia reported to MGS that an antonov plane carried out bombings on Wadi Gredi and Wadi Mostoon on the Chadian side of the Border as well as Kariari and areas up to Margira on the Sudanese side. In Gredui, two Chadian INGO workers were allegedly wounded. Two children and three men were also said to be wounded around Wadi Gredi while a woman and her child were injured in Wadi Mostoon. Six bombs were alleged dropped on Chad border and around 11 on the Sudanese side.

South Kordofan

General security in the State remained calm. No security incidents had been reported during the past week.

East Sudan

UNMOs conducted mine detection in and around Hamesh-Korieb. The group is also conducting a land mine survey in all the three states of East Sudan.

UN agencies are still facing problems on free movements for their planned activities in and out Kassala.

Khartoum

24 March. SLA (MM) and GoS police engaged in a firefight on 24 Mar 07 in Omdurman, in which at least eight (8) people were killed on the SLA(MM) side and eighteen (18) wounded. On the side of the GoS at least one senior police officer was killed, possibly one or two more officers. Eight (8) policemen were wounded.

According to open sources forty-one (41) SLA(MM) members were arrested.

What is WHO doing?

Main events, interests and concerns for health

South Darfur

- WHO team is monitoring daily report on meningitis in order to respond timely to any outbreak. Trainings were conducted for the health staff on diagnosis and management of meningitis cases. 61 medical doctors, nurses and medical assistants participated in the training. They were trained on the surveillance methods and the management of cases.
- WHO is supporting IOM in the meningitis vaccination campaign of 4000 IDP who will be repatriated to South Sudan. After meningitis vaccines donated two weeks ago, WHO sub-office donated 4000 syringes this week.
- WHO continued to provide technical support to the SMOH for response to meningitis outbreak.
- A member WHO team visited Ad Daein and conducted training of trainers on environmental health.
- WHO and UNICEF are working on cholera preparedness and response plan, as the rainy season approaches.
- Scattered cases of suspected meningitis were recorded in the State. Epidemic level has not been reached in any administrative area or camp.

North Darfur

- In response to increase in the number of reported cases of suspected meningitis from El Fasher town, many activities were undertaken as follow up of the distribution of cases, strengthen the surveillance system and provide the laboratory with needed supplies.

West Darfur

- WHO continued its preparations and awareness raising activities on meningitis in the state during the weekly health coordination meeting in El Geneina and Zallingi, since it is the season for out break of the disease.
- Trained 35 doctors from SMOH, UN agencies and different NGOs on avian influenza from March 7-10, in Al Geneina
- 32 participated the HIV/AIDS training workshop on peer education on the prevention and control of HIV/AIDS. The activity was jointly conducted by UNICEF, WHO and UNFPA.

South Kordofan

- The ongoing measles outbreak in Abyei continued. As of 23 March 2007, records showed that there were 218 cases with 4 related deaths.
- The measles campaign in Abyei conducted by MSF CH ended on the 20th March for a total duration of 2 weeks. A very rough estimate of the coverage population was about 65%. Analysis of how the campaign had gone is on going, and a post measles coverage survey has been planned.
- No new case of meningitis was reported. The total number of meningitis cases still remained at 14, with 5 deaths for Abyei. No new cases were reported from El Meiram or El Fula as well
- The training for health personnel on disease surveillance, CSM, measles Avian Influenza and Cholera for El Fula took place last week for 5 days, 25 personnel participated.
- Preparations for the 1st round of the NIDS campaign were conducted in Kadugli and in Abyei. A total of 441,000 children will be targeted for the State of South Kordofan during the next 3 days, from the 26th – 28th March. WHO will be providing vehicles and supervisors for this campaign.

East Sudan

- WHO is coordinating with the State MoH of Kassala and Red Sea and Gedarif States in the regular disease outbreak preparedness and response task force meetings for Dengue fever and CSM.
- WHO sub office completed the training of Medical doctors and medical assistants in Kassala and Gedarif States on CSM, both the above states falls under African Meningitis belt which stretches between Senegal in West to Ethiopia in the East.
- Insecticidal spray is on going for the vector control in the high risk areas in Kassala State.
- WHO head of sub office visited Red-Sea state to support the epidemiology department for the preparation of AWD plan for the coming session and supported a delegation from head office for a

proposal to upgrade the renal dialysis center at Port-Sudan. A meeting was held at Renal unit at Port-Sudan attended by Minister of Health, Director General of SMOH, the Director of the Kidney center, medical director of the center, and visiting acting EHA coordinator and his team.

IDP Camps around Khartoum

- Jebel Aulia Departure Centre is now operational.
- Between 18th and 24th of March, a total of 353 IDPs (104 families) returned from Khartoum to Northern Bahr Elgazal state in three convoys. The activity led by IOM is being supported by WHO.
- As part of ensuring IDPs continued access to free health services, WHO and IOM have assessed Bashaier Teaching Hospita. The hospital will be serving the referred IDPs from both Mayo and Jabel Aulia departure centre.
- On 18 March, WHO participated in the Information Campaign Day in Jebel Aulia IDPs camps alongside with other health partners.
- Since organized return from Khartoum to South Kordofan and Southern Sudan began on 3 February, WHO and health partners were primarily focused on securing the meningitis vaccination for IDPs moving to affected areas in South Sudan. Out of the 353 IDPs returnees, a total of 265 IDPs (70 %), in the high risk group of two to 30 years olds - were given the vaccine.

WHO in the Field (more of WHO actions/activities)

South Darfur

Communicable disease control and environmental health interventions

Hepatitis E

- WHO team continued to monitor the sanitation situation in different IDP camps following the increasing number of hepatitis cases reported. Data from camp clinics are examined daily, and any increased number of patients in a certain areas is visited next day and family member are screened for any fever. The water source sample is taken for examination

Surveillance and Reporting

- The Weekly Morbidity and Mortality Bulletin was produced and distributed to all NGOs and UN agencies working in health sector.
- The weekly reporting of EWARS, this week was 52 (77%) reporting units against a set target of over 85%.
- The total population under surveillance for the current week was 838729 compared to 887649 in the week before.
- The total number of consultations reported was 20199 compared to 27663 for the week before.
- The number of bloody diarrhoea cases observed during the current week was 543 cases to 669 cases the week before. The attack rate for the week is 6 cases for 10,000.
- 39 cases of jaundice syndrome were recorded this week compare to 34 last week. 69% (27) are from Ottash IDP camp.
- 14 suspected cases of meningitis were reported from Kalma (4 cases), Selia in Yassin administrative unit (5 cases), Labado (3 cases) and Muhajerja (1 case). One case was confirmed from Selia due to NM W 135. One of the immediate measures taken in the areas where the cases were recorded: enhancement of the active case finding activities.
- No case of acute flaccid paralysis (AFP), or measles but one case of neonatal tetanus was notified from Al Mazbroub in Adela locality. The child died. The INGO working there was advised se by WHO team to do more investigation on the family of the deceased and immediately conduct health education.

Environmental Health

Water Quality Monitoring

- WHO team continue the water quality monitoring with UNICEF and other partners in the IDP camps to help step down the number of diarrhoea in the IDP community.
- WHO team conducted a workshop this week on water quality monitoring. 14 staff from SMOH and wat/san agency took part in the training. The objective was to

refresh the participants on water control technique and chlorination methodology. Trainers were from WHO team and UNICEF.

- WHO team continue the water quality monitoring with UNICEF and other partners in the IDP camps to help step down the number of diarrhoea in the IDP community.

Access to Health Care Services

Hospital care

- WHO team has been working on analysis of data from the hospital supported in project funded by ECHO. The data are being used to plan for the further support during the 2nd trimester.
- Drug received from Khartoum were sent to the Ad Daein, Kass and Greida rural hospitals.
- Two clinics received donation of drugs at the request of INGO working in the IDP camps to cover the shortage.

Hospital Output: Care for IDPs

Nyala Teaching Hospital

- The total attendance to out patient department (OPD) was 1036 including 138 IDPs. A total of 228 including 62 IDPs were admitted to hospital. 76 minor and major surgical operations were done, including 21 IDP cases. There were 9 deaths, including the 4 IDPs due to anaemia, heart disease, and renal disease.

Kass Hospital

- The total attendance to out patient department (OPD) was 278 including 102 IDPs, the main causes of morbidity were ARI, malaria and eye diseases. 3 surgical operations including 1 DP were carried out. There were 4 IDP deaths, including 2 IDPs, recorded. Deaths were due to malnutrition and heart diseases.

Coordination and Health Information Management

- The Weekly Morbidity and Mortality Bulletin was produced and distributed to all 34 NGO and UN agencies working in health sector.
- The weekly health coordination meeting was conducted and the data from the EWARS were presented and action adopted. The coordination group reviewed the meningitis measures in different camps. The coordination reviewed the meningitis measures in different camps.

North Darfur

Communicable disease control and environmental health interventions

CDC-EWARS

- Despite the uncertain/fluid security situation and inaccessibility, 30 out of 32 currently functioning reporting units (representing 94%) reporting units submitting their reports and giving information about the health status of the population. Population under surveillance is 452599 compared to 448,199 during the previous week.
- Malaria: Proportional morbidity of malaria in this week is 1% compared as same as the previous week.
- Bloody diarrhoea (BD) cases represented 2% of total consultations compared to 1% in the last week. Most of the cases were recorded in Shangil Tobayi and Kassab areas.
Action point: The probable contributory factors to these cases could be linked to poor sanitary conditions and limited access to safe water for domestic use. WHO/SMOH has enhanced surveillance/monitoring activities, provided support for water/EH activities and continues to advocate for beefing up of environmental health/sanitation activities within these general areas.
- 3 cases of meningitis were reported this week. All cases were reported from different areas inside El Fasher administrative unit.

Environmental Health

Water quality control

The joint team of WHO and SMOH have conducted water quality monitoring activities for water sources (HDWs) in El Fasher town. The chlorination process is still inconsistent due to intermittent supply of chlorine,

the team collect baseline data concerning water discharge, storage capacity, well operation so that the team could be able to identify the real consumption of chlorine per each well for future supplementation plan.

Vector control

As apart of basic school examination certificate committee, 11607 students were allocated in boarding schools in El Fasher town. Accordingly, the SMOH carried out spraying campaign for these premises. In 27 examination centers, with a total of 29 rooms, 270 latrine and 134 waste water pond have been sprayed, and 20 kg of insecticide were consumed. The campaign targeted mosquitoes and houseflies. In this campaign, WHO contribute with 20 kg of deltamethrine 2.5%(WP), SMOH provided 18 labors.

Access to Health Care Services

Hospital care

- As part of ensuring continued access of IDPs to free health services, WHO (with support from ECHO) has this week continued with support to Fasher Teaching Hospital, El Fasher Maternity hospital, Kutum and Mallet hospitals with an assortment of drug supplies.
- WHO – El Fasher sub-office has received (through ECHO support) 25 tons of drugs within the last week. These have been offloaded and sorted out per State. These quantities of drugs will distribute to the hospitals accordingly.
- WHO through ECHO –support has conducted 3 training courses. Laboratory techniques for Meningitis diagnosis for 14 laboratory technicians in El Fasher Teaching Hospital, basic life support for 13 medical assistant &nurses in Kutum and Nursing skills for 15 nurses in Mallet.

Hospital Output: Care for IDPs

Continued with monitoring and technical support to 5 APWs engaged within Kutum, Maternity & Fasher Teaching Hospital.

El Fasher Teaching Hospital

- The total attendance to out patient department (OPD) was 774 including 206 IDPs. A total of 204 including 59 IDPs were admitted to hospital. 5 cases of death were reported, including 2 IDPs. 31 surgical operations were performed during the week, including 7 IDP cases.

El Fasher Maternity Hospital

- The total attendance to the OPD was 291 including 79 IDPs. A total of 221 including 60 IDPs were admitted to the hospital. 105 major and minor operations were performed in El Fasher Maternity Hospital; 42 were IDP cases.

Mallet Hospital

- The total attendance to the OPD was 315 including 49 IDPs. A total of 10 including 6 IDPs were admitted to the hospital. 10 major and minor operations were performed in the hospital, including 3 IDP cases.

Kutum Hospital

- The total attendance to the OPD was 191, including 35 IDPs. A total of 26 including 5 IDPs were admitted to the hospital. 10 major and minor operations were carried out by the hospital including 3 IDP cases.

Primary Health Care

WHO and SMOH collaboratively work on the monitoring and supervision to Health facilities in El Fasher which implement IMCI strategy. This includes the provision of tools, guidelines, and fact sheets. To date, 5 out of 22 health facilities in El Fasher are covered and the remaining number will be worked on in the next weeks.

Coordination and Health Information Management

With support from WHO, the weekly General Health Coordination Meeting, chaired by SMOH was successfully held. During the meeting, the Weekly Morbidity & Mortality Report was shared and discussed. Other health

issues/events in the State were also discussed and action points agreed upon.

West Darfur

Communicable disease control and environmental health interventions

CDC-EWARS

- Morbidity and mortality Bulletin was produced and distributed to all NGOs and UN agencies working in health sector.
- The weekly reporting timeliness of EWARS, this week was 84% which was less than week before, as only thirty two (32) health units (statistic and mobile) reported.
- The total number of consultations reported was 21,994 compared to 23,300 reported consultations the week before.
- There was no reported case of suspected meningitis.
- The number of bloody diarrhea cases observed during the current week were (444), as opposed (591) cases reported the previous weeks.
- Seven (7) cases of acute jaundice syndrome are recorded this week.
- Other Diarrhea (OD) (16%) this week was the leading cause of morbidity in <5yrs followed by ARI (12%) in all age groups.
- There was no reported case of neonatal tetanus (NNT).
- There was one reported case of measles from Krindang camp.
- No cases of acute flaccid paralysis (AFP) or Acute Watery Diarrhea notified.

Environmental Health

Water quality

- 5 water sources were chlorinated in Kringding 2 by, IRW volunteers.
- Water chlorination activities are going on in Um shalaya by Medair.

Solid waste management

- Geneina market monitored and cleaned by town municipality
- Geneina hospital garbage collection & hazardous wastes management were safely collected and disposed off and incinerated inside the hospital by garbage collectors of the hospital.

Vector control

- 30 volunteers from 5 IDPs camps in El Geneina were trained as malaria teams at the camps by WHO

Hygiene promotion

- Ardamata camp is cleaned by 120 hygiene promoters of Medair.
- 30 Hygiene promoters disseminate hygiene messages to IDPs, HHs/per each hygiene promoter /per month in Durti Camp.
- Medair trained 20 volunteers from Durti camp as VHC (village health committees) on hygiene education, beside hygiene activities are going in Um Shalaya and soap distribution activities.

Access to Health Care Services

- Nutrition technical meeting was held on 5th March 07
- EPI technical committee meeting conducted on 8th March 07 to discuss the polio NIDs which is going to be conduct 24th– 26th March 07.
- WHO hospitals focal points (6 Medical doctors) are regularly monitoring and making sure that the hospitals in WD are providing free, smooth and effective health services to the IDPs and conflict affected population

Coordination and Health Information Management

- The weekly health coordination meeting was held on March 8, 2007. The meeting was chaired by SMOH, and co-chaired by WHO, and attended by SMOH, 4 UN agencies, and 14 NGOs, including 2 local NGOs (UNICEF, IRW, IARA, OCHA, CAM, ICRC, SC-US, UNFPA, MSF-F, IMC, MEDAIR, MSF-CH, SMOH, CONCERN, HAI, ADRA, WR, SIMA and WHO)
- The weekly health coordination meeting in Zallingi was held on March 7, chaired by SMoH and co-chaired by WHO

South Kordofan

- Training sessions for health personnel in the eastern part of the State will be conducted after the 1st round of the NIDS campaign. As for the same training for Abyei, it is still in discussion with the SMOH.
- 1000 vials of Ceftriaxone arrived from Kadugli this week. This would be kept in WHO until they shall be needed for treatment against meningitis

Others matters

- WHO will be participating in the coming 16th NIDS, 1st round campaign
- WHO along with the SMOH will continue to monitor the disease situation of measles and meningitis in the State
- Results of the on going health facility assessment survey in the State will be followed-up
- Monitoring of the health status of IDPs in Kauda will be continued
- A health expert representing the Italian Government would be arriving on the 25th March, to conduct a quick exploration of health needs in Southern Kordofan State, including the Kauda region. Possible projects for bilateral funding is being assessed

East Sudan

- No new cases of Acute Watery Diarrhoea have been reported from three of the Eastern States Epidemiology department though the surveillance system has been alerted.
- Epidemiology department Kassala has reported a new case of dengue fever from Kassala teaching hospital, up to now since the out break started on 5th January a total of 30 cases of Dengue fever have been reported officially, one reported death with CFR 3.33%
- Port-Sudan and Gedarif have not reported any case of Dengue fever. Surveillance and reporting is in place in all the three Eastern States.
- There is no new case of CSM in the last week, since the reporting of first case on 31/01/07 a total of 14 suspected case of CSM has been notified to the Epidemiology dept. of Kassala state, 9 cases from Nahr-Atbra locality, 4 cases from Kassala locality and 1 case from Al-Gash locality According to the reports from Epidemiology department 6 cases of C.S.M are positive for rapid test and 2 for Gram stain at Kassala lab, all positives cases are from Nahar-Atbra locality.
- In Kassala 2 deaths have been reported out of 14 cases brining the CFR to 14.28% all the sentinel sites are doing the active case search.
- Epidemiological department of Gedarif State has reported 18 suspected cases of CSM from Hawata area of Rahat locality and 5 reported deaths with CFR 11.11%. Last week sample's report is awaited from NPHL Khartoum.
- Avian Influenza training for all the three eastern states has been planned during next month
- A task force meeting for upcoming polio campaign was chaired at MOH by DG of Kassala and attended by WHO, UNICEF, various departments from state government agencies and NGOs. Similar meetings were held in Port-Sudan and Gedarif
- TOT was organised by State MOH along with WHO focal persons in all the three Eastern states attended by operation officers from all the localities for polio campaigns final touches, specially for training of the health workers for house to house visits ,the campaigns will start from 25th March.
- In Port-Sudan UNDP/RCO called an interagency meeting on the request of visiting WHO –head of sub office which was attended by international /National NGOs/UN agencies working in health sector. Important information was shared between the partners.
- WHO Kassala office supported the visit of Italian corporation who was in Kassala with a proposal to upgrade the PHC facilities in Hamesh Korieb,Setiet and Al-Gash /Shomal delta localities

IDP Camps around Khartoum

- The National Immunization campaign starts on Monday. It will cover all IDPs targeted age group.