Kurwai Rapid Assessment
Needs Analysis Working Group (NAWG)

April 2019
Location of Kurwai
General
Both Dinka and Nuer populations
Food distributions since 2017
GFD by Norwegian People’s Aid
Health/Nutrition services by Nile Hope
Education by ReSCOF

George Otor Rebellion (2010)

Safe Haven (2013-Present)

Protection Concerns
Mines
Forced recruitment of former soldiers
Revenge killings
Methodology

Household Survey
- 6 sites randomly/purposefully selected by PPS
  - Only sites accessible by foot from Kurwai within 3 hours were included
- Exhaustive household selection

Focus Group Discussions
- Multi-sectoral focus groups (1-2 per site)

Completed
292 households surveyed
8 FGDs and 10 KIIIs conducted
Displacement

Water related displacement

Movement due to swamps drying out. Anticipated water will run out in Padoum and surrounding villages in the next month. FGDs/KIIs

Moving to locations still with water, though these locations will run out of water soon also. (FGDs/KIIs)

IDP and Refugee Returnees

IDP returnees - from Malakal, Bentiu, Juba, Ayod, among other locations (FGDs/KIIs)

Refugee returnees – smallest group, from Sudan, Uganda, Kenya (FGDs/KIIs)

Main reasons for returning included to reunite with family and return to their homeland, safety, and in some cases leaving the previous location (Malakal) due to hunger. (FGDs/KIIs)

People traveling from Malakal/Khorfulus through sites including Kamel, Koliet, Alam. (FGDs/KIIs)

Relationships somewhat stressed due to sharing of food with returnees that have missed the last distributions. (FGDs)

Movement Plans

No definite movement plans. In some dry spell affected areas, report plans to move within the next month to areas with water access (Koldhur FGD)

Koliet

Koliet is located in the Alam area of Kurwai payam, a noted destination for dry spell related displacement and no services available.

Travelers from Malakal/Khorfulus to Padoum may pass through here.
Displacement Map
Water, Sanitation and Hygiene
Children and animals sharing swamp water source –
Koldhur Village, 21 March 2019
**Water**

Swamp water (78%), River/stream (19%), Hand dug wells (3%). Sources shared for drinking, bathing and for animal use.

Seasonal Water Shortage - As water sources dry out in the next month, people will either migrate or dig hand-dug wells in their current location (Padoum, Amanyang, Wunlueth).

An NGO reportedly had previously attempted borehole in Padoum, but no success, left equipment.

**Latrine**

No latrines, open defecation.

Exception in Kolonyang, FH and SpdUp recently built 15 single/double block latrines in the community last month.

**WASH NFIs**

Mosquito nets were listed as priority NFI need in FGDs.

Lack of buckets/jerry cans is a challenge to storage and collection. Most people borrow from relatives.
01 Food Security and Livelihoods
Swarms of birds which destroy crops – Koldhur Village, 21 March 2019
Food

- Most people rely on GFD, last in January 2019 from Padoum, limited yields from last harvest. Many reportedly missed by last registration in August 2018. Returnees since August in particular are not registered. (FGDs/KIIs)
- For households with food stocks remaining, it is estimated the food will last latest one month.
- Dry foods (maize/sorghum) not available in Padoum or Kolonyang market.
- 11.3% of households being classified “Severe” by HHS.

Coping Strategies

- Currently relying on wild foods, borrowing from relatives/neighbours, and fishing in limited locations (in Kolonyang year round).

Household Hunger Score (HHS)

- 3%
- 3%
- 8%
- 10%
- 3%
- 8%

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<th>Score</th>
<th>Categories</th>
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<tbody>
<tr>
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<td>None</td>
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<tr>
<td>1</td>
<td>Little</td>
</tr>
<tr>
<td>2</td>
<td>Moderate Hunger</td>
</tr>
<tr>
<td>3</td>
<td>Severe</td>
</tr>
<tr>
<td>4</td>
<td>Very Severe</td>
</tr>
</tbody>
</table>

Scales: 0-6

None: None
Little: 0-1
Moderate Hunger: 2
Severe: 3
Very Severe: 4-6
Cultivation

- Sorghum and maize main crops, limited cultivation last year.
- Recurrent flooding and bird infestations over the past years.
- Lacking seeds and tools for the coming planting season, lost seeds during last years floods.

Livestock

- Cattle disease outbreak since last May.
- Lack of veterinary services, some concerns disease outbreak will continue.
- Cattle markets accessible in Old Fangak, New Fangak and Malakal.

Fishing

- Available July – October, except Kolonyang which is all year round
- Reportedly lack of fishing gear, canoes is a barrier to fishing.

Other Livelihoods activities

- No casual labor, and selling of natural resources (grass, charcoal) is limited by lack of tools.
- Reporting of selling wild foods in the market, however people lack money to buy them.
02 Health
Health

Distance walking along swamp path to Padoum health facility – Koldhur Village, 21 March 2019
Health

Health Services
Health - 1 PHCC/3PHCU
Nutrition - 4 OTP (outpatient), 1 SC (inpatient)

Illnesses
In the last 2 weeks,
• 81% of HH reported a sick child
• 73% of HH reported sick adult

↑ cases Acute Watery Diarrhoea observed from December to February

Barriers to health care
• Coverage of services
• Rainy season
• Referral services
• Health seeking practices/beliefs

Prevalence of illness in last two weeks