District Hyderabad, Mirpurkhas, Umerkot and Tharparker, Sindh Pakistan

26th August, 2020
1. Background

A heavy spell of rain started in Sindh from the evening of 20th August and continuing in various districts of Sindh. The heavy fall created the situation of rural and urban flood in various parts of Sindh especially Karachi, Thatta, Sujawal, Badin, Mirpurkhas, Umerkot, Tharparker, Sanghar, Tando Allahyar, Tando Muhammad Khan, Hyderabad, Matiari, Jamshoro, and Dadu. The second spell of rains is expected in a few days as indicated by NDMA.

The heavy rain damaged the cotton crops, chilli, tomatoes and vegetables of the lower part of Sindh they are submerged in rainwater. The rain flood in rural areas of lower Sindh caused breaches and overtopping of minors’/distributaries water in saline water drain. The left bank outfall drain (LBOD) and other small drains have caused severe damage to agriculture lands as they have not only hit the standing crops but affected the fertility of the soil. Simultaneously Kacha houses have collapsed in many areas, deaths and injuries of humans and livestock are reported due to skylights and damages of houses.

1.1. Following rain recorded in CSSP’s intervention Districts

- In Mirpurkhas 230 mm, Hussain Bux Mari, 230, Sindhri 165, Shujabad 155, Kot Ghulam Muhammad 107, Digri, 164 and Jhudo 81 mm
- In Umerkot, Kunri 222 mm, Umerkot 144, Samaro 124 and Pithoro 121
- In Tharparker, Mithi 447 mm, Diplo 426, Nangarparker 345 mm rain was recorded
- Hyderabad City 133, In Hyderabad Airport 128 mm
- In Badin 109 mm, Tando Muhammad Khan 108, Tando Jam 93, Tando Jan Muhammad 93

1.2. According to local communities and media following losses are reported in CSSP’s targeted districts:

1) Total 09 persons have lost their lives during rain from 24th August 2020 which include 02 in Karachi 01 in Umerkot and 05 in District Tharparker
2) 02 persons injured in District Tharparker
3) Many livestock animals, (camel, Goats, sheep) reported died due to sky light and rain flood at District Tharparker.
4) In Umerkot (Kunri) 01 person is injured due to collapse of shop roof. He is referred to Hyderabad in serious condition
5) Taluka hospital Diplo, District Tharparker is under the water. It is temporary shifted to another place, all local markets of Diplo are under the water.
6) Road from Diplo to Kaloi, Hyderabad, Badin and Karachi is damaged.
7) There is stagnant water about 3 to 4 feet in different areas of Mirpurkhas, many houses are under the rain water and electric polls are damaged. People have installed tents on roadsides to safe themselves
8) In Badin, Grid Station, agriculture farm, Drainage Disposal Veterinary hospital, Imam Bargah and Schools are under rain water. Many Kacha Shelter are also damaged.
9) Kacha Shelters are damaged in Thatta, Sujawal, Badin and Tando Muhammad Khan.
10) Many areas of Tando Muhammad Khan are under the water people are limited at their homes.
11) Huge loss of agriculture (crops is reported from all districts).
12) Breakdown of electricity is reported from all districts.
13) Many residences of Kacha settlement in all areas are shifted on roads, Schools, government buildings and railway stations to save themselves.

Sindh government declared the monsoon emergency in the province due to catastrophic heavy rainfall on 25th August 2020.

2. Objectives

The Objectives of rapid assessment were to:
1. Assess the current situation of rain flooding due to heavy rains
2. Determine the extent and magnitude and damages occurs due to heavy rains
3. Identified the immediate community needs to develop the recommendations and required immediate actions to address the humanitarian need to minimize the crises.

3. Methodology

CSSP is working in Hyderabad, Sukkur, Shikarpur, Mirpurkhas, Umerkot, and Tharparker Districts. CSSP has field offices and human resource in above-mentioned districts. CSSP has strong coordination with district administration, volunteers, Muhalla Committee Members (MCs) and Local Recourse Person (LRPs) in the rain flood-affected areas. CSSP’s field team visited the affected areas conducted key informant interviews (KII) as well as telephonic communication with stakeholders i.e. Local Authorities and Community Members where roads submerged due to rainwater.

4. District-wise details

4.1 District Tharparker

Monsoon rains have created the disaster in district Tharparkar especially in two taluka’s Diplo and Mithi the rain was started from 23 August 2020 and has been remained to continue till today 25 August 2020 (3:00 pm).

In Taluka Diplo, 426 mm rain has been recorded all main areas of city Diplo i.e. Taluka Hospital, bus terminal, Allah Wala Chowk and Badin stop are most effected and under deep water. All the transportation from Diplo to Naukot road, Verhijhap and Badin road are disconnected. Telephonic communication and electricity services are also dismissed for two days.

In city Mithi, 447 mm rain has been recorded and all the insecure areas have been shifted to secure places i.e. Siran colony, Soomra colony Kolhi colony shifted to safe places and is going on with the coordination of District administration, Municipal Committee Mithi, army and police force Tharparker. Local transportation systems have been disconnected from the city due to heavy rainfall rivers damaged the link roads.
In taluka Nangarparkar, 345 mm rain has been recorded all link roads has been disconnected from nearest villages (Sardharo, Choorio, Kasbo). According to local sources many peoples (tourist) are stuck in the area due to heavy rainfall.

Due to heavy rain and storms, most agriculture field (cultivated land) and livestock death losses cause flooding. Most of the villages of Tharparkar Katcha houses (huts) destroyed poor people is living under the open sky, also daily wages labour cannot get any source of income.

Some evidence of damages reported from different channels

1. One camel died in the Chelhar town due to sky lightening
2. Sky Lightning damaged many trees all over the district
3. Many animals (goats, camel and sheep’s) died in district Tharparkar
4. 1 one women died in village Batayinoon Soomra taluka Diplo
5. 1 boy Allah Bux wasan died in village Nohato taluka Mithi
6. A father and his son died in village Dhori Sameja due to sky lightening
7. Two people have been injured in taluka Kaloi due to flood
8. One man died in taluka Chachro
4.2 District Mirpurkhas

The Mirpurkhas received rainfall of varying intensities starting from 20th August 2020 and still raining time to time, bringing life to a standstill by causing submerging roads, massive traffic jams, and widespread power breakdowns. Heavy rains increased river flows besides causing flash floods in urban and rural areas. 230mm spell of rain is recorded as the highest number from rest of the 13 districts of Sindh by Sindh metrological department. Various roads of Mirpurkhas have been flooded with sewage-mixed rainwater followed by widespread power breakdowns throw into disorder the people’s lives. According to local communities that in Mirpurkhas District Taluka Kot Ghulam Muhammad,
Jhudo, Hussain Muhammad Marri, Mirpurkhas, Sindhri, Shujabad and Digri are more affected which have received heavy rainfall during the last spell were flooded as people started to evacuate from their homes.

Torrential rainfall brought life to a standstill in different main cities of District Mirpurkhas, including Mirpurkhas city, as submerged roads forced people to stay indoors. In Mirpurkhas city, heavy rains caused inundation of rainwater on major roads in low lying areas. The rains added to the woes of daily wagers and pedestrians. Particularly in rural areas of district Mirpurkhas due to heavy rain, hundreds of villages were affected in all Talukas.

Low-lying areas of district Mirpurkhas are full of water which resulted in intro disrupting the lives of common peoples and forced to peoples for staying at home.

Village Magho Patel has covered with water, 40 households including 200 more households of adjoining areas have been evacuated to Jamrao Band for shelter. Ration bags and tents are urgently required for them. They have no access for mobility besides mobile numbers are switched off.

Heavy rainfall has inundated hundreds of acres of standing crops and displaced hundreds of people residing in rural areas of all Talukas of District Mirpurkhas.

The power supply in some areas was instantly suspended after the light-rain and also some other areas where the water level is high for safety reasons.

Due to heavy rainfall water has entered homes in low-lying areas of the Mirpurkhas city and other areas where restoring the supply of electricity in those flooded areas can be hazardous.

The Met office has anticipated that the existing rainfall intensity will carry on until Wednesday 26th August, cautioned that there is a menace of urban flooding again.
4.3 District Umerkot
Current rainfall spells had effected district Umerkot by its core. The district has received a huge amount of damage to crops and houses. Majority of the areas affected with the rain are village side areas, where people have started moving from effected areas to safe places. Rainfall recorded in four talukas of District Umerkot are as follows; Taluka Kunri-222 mm, Taluka Umerkot-144 mm, Taluka Pithoro- 141 mm and Taluka Samaro- 124 mm.

In Taluka Samaro, huge damage reported due to current rainfall. Ward no. 01 of the town committee has immersed in the water while in ward 3 are partially immersed in rainwater. 25 villages of the UC are completely underwater. Devastating rainfall has damaged crops in the UC. There were the standing crops of Cotton and Chilies crops but the current rainfall has destroyed the crops.

Marvi Kolhi (12 years) resident of village Mir Din Muhammad has lost her life to lightening.

The situation in UC Mir Wali Muhammad is no longer different from that of Samaro, the UC has received a huge amount of rainfall, village Bodar Farm, Manro Meghwar, Duggu Farm, Asia Farm, Masood Abad, Nasir Abad and other almost 40 villages are immersed in water. The rain has destroyed 35 mud houses in the UC leaving 4 people Ramesh, Hariyan, Parkash and Naresh seriously injured. Cotton and Chillis crops are destroyed due to the current rainfall.

In Taluka Pithoro it has received 2nd bigger share of rainfall, agricultural fields grow a different kind of crops there varying from Cotton, Chillis, Sugar cane and rice as well. The current rainfall has effected crops of this taluka as well. The situation in the Taluka Pithoro became worst for the local population.
4.4 Hyderabad City

Several people reported injured after heavy rainfall with thunderstorm lashed Hyderabad and nearby areas on Monday night and Tuesday morning, inundating roads and lower areas.

The areas of Qasimabad and Latifabad were showing the flood-like situation as rainwater paralyzed the routine life. According to Pakistan Metrological Department (PMD), the city received the maximum rainfall of 133 mm so far. According to PMD, the rain will continue until Wednesday afternoon. The rainwater entered in the circuit house and Shehbaz building Hyderabad. The power supply most of the areas remained suspended due to continuous rainfall.
4.5 District Badin

In Badin, Dozens of families are displaced due to flash flood. Battered by heavy showers and with nowhere else to go, these helpless citizens are seeking rushing to empty government owned buildings, including schools in search of refuge.

The cities 03 cities i.e. Kadhan, Shadi and Seerani as well as the district’s other coastal areas continued to face the threat of more floods with local residents fearing rain-induced damage to the LBOD and Amir Shah Sim Nallah.

In the districts remote areas, at least 03 villages in hundreds of acres of agriculture land are submerged following a 30 feet breach in Sherwah Water Channel.

Golarchi, Tando Ghulam Ali, Malkani Sharif and rural towns have also been inundated.
5 Actions are taken by the Government of Sindh and District Administration(s)

- Chief Minister Sindh declared the rain emergency in the province after heavy rainfall
- The Deputy commissioner Tharparkar declare emergency in risky areas all principles and teaching and non-teaching staff have been directed to remain in their schools and make necessary arrangement to rescue rain effected peoples and provide them residency in schools’ premises
- District Administration has intimated to residence of Siran Colony in Mithi to leave the area and shift on safe places
- In District Tharparker Rescue teams are shifting people towards safer places. Consequently, heavy machinery was also fitted to run out water
- Pak-Army rangers and a police officer helped the residents of the Siran colony Taluka Mithi District Tharparker to stay out and be well-fed on the tanks and machines drain out of rainwater all night.
- Rain emergency cell has been established at DC Office Mirpurkhas. Contact numbers are 02339290253, 02339290070.
- Deputy Commissioner Mirpurkhas has directed to the district administration to arrange the government department buildings particularly schools as a shelter for rain-affected communities.
- DC Mirpurkhas directed concerned authorities to install a dewatering system on the Chandni chock, 04 Meenar chock & other areas of City Mirpurkhas to drain water.
6 Major findings/Observation

- Due to heavy rainfall people have lost their houses, livestock, food stock and fodder stocked for livestock.
- The people have forced to move from their houses to the safer places, they could not bring food items so that they can have it.
- Most of the area is in under the water so it is not possible to cook food, in this situation it is the dire need of the time that they need cooked food until rain stops. There are elder people, pregnant women, people with disabilities and children under five at major life risk. The affected population needs safe drinking water, food especially for children under 3 years, they need milk and supplementary food items.
- There is an immense need for the medical facility
- The affected people require shelter home with washroom (latrine) facility. Currently is not available specially for women and young girls.
- The people of affected districts depend upon livestock and due to this flood livestock is also most affected
- At District Umerkot, mostly the population depends on the canal water system, but in the current situation, they have lost their only source to the potable water, the water over the surface has mixed with the water of rainwater and it is no longer to potable. Due to the standing rainwater, there is a high risk of water-borne diseases like Diarrhea, typhoid and especially Malaria.

7 Recommendations for immediate interventions

I. Response to emergency

Roads and crops of affected areas are submerged in the rainwater Most of the affected population of the affected areas needs evacuation to safer places.
- District management of Tharparker, Mirpurkhas and Umerkot should place boats immediately.

II. Shelter

Rainwater is standing in the streets, crops and houses. Most of the houses have damaged. Affected population is forced to live under the open sky without basic health and hygiene facility.
- Provision of tents, camps, temporary shelters for the affected population

**III. Household Items (NFIs)**

People forced to leave their houses to safer places. They lost their stocked food items.

- There is an immediate need for household items (NFIs) support such as Bedding and floor mats, kitchen kits (sets), hygiene items (kits), jerry cane or large water storage pot with lid covers, and adequate stoves/burner with fuel or woods.
- Impairment aids for older people and person with disabilities.

**IV. Wash facilities**

The affected population needs an immediate provision of potable water such as water tanks, restoration of hand pumps and repair of canals and water treatment measure or supplies. As health risks are associated with the use of contaminated and untreated water for drinking purpose.

- Provision of safe drinking water (water Tankers or hand pumps where ground water is sweet)
- Provision of latrine facility in camps and affected villages
- Provision of health and hygiene kits
- Provision of Jerry canes and tablets for filtration of water
- Provision of Mosquito nets
- Water drainage motor pumps

**V. Health and Nutrition**

Due to the stagnant water, there is a risk of water-borne diseases i.e. Malaria, typhoid, diarrhoea and water-borne skin diseases. People lost their stored food items wheat and rice they are facing a shortage of food which can lead them malnutrition

- Need to arrange Medical Camps
- Provision of food items and cooked food during rain if it extended.
- Milk and supplementary food item for children (under 3 years) and women (Pregnant and lactating mothers)

**VI. Livelihood**

The majority of the affected population is depending on agriculture, livestock rearing and daily wages laborers. Most of the crops damaged due to rain flood, people lost their livestock and daily wagers source of livelihood limited now.

- Cash-based social protection schemes or program are required for vulnerable families.
External links/ Source:


2. Annexure:

Sindh Government Notification for Monsoon Flood Emergency
NOTIFICATION

NO.: CTC(SGA&CD)ME-01/2020: In view of heavy monsoon rains and the forecast of the Met Office, the Monsoon Flood Emergency is hereby declared throughout the Province of Sindh.

The Deputy Commissioners of the respective districts will supervise all rescue and relief operations.

The employees of essential services are directed to report to their respective offices immediately.

SYED MUMTAZ ALI SHAH
CHIEF SECRETARY, SINDH

NO.: CTC(SGA&CD)ME-01/2020,
Karachi, dated 25th August, 2020

A copy is forwarded for information to:-

1. The Chairman, Planning & Development Board, Govt. of Sindh, Karachi.
2. The Additional Chief Secretary (All), Govt. of Sindh, Karachi.
3. The Senior Member, Board of Revenue, (Sindh), Hyderabad (including all Members, Board of Revenue, Sindh).
4. The Administration Secretaries (All), Government of Sindh.
5. The Chairman, Enquiries & Anti-Corruption Establishment, Karachi.
6. The Chairman, Chief Minister's Inspection Team, Karachi.
7. The Principal Secretary to Governor (Sindh).
8. The Principal Secretary to Chief Minister, (Sindh).
9. The Military Secretary to Governor, (Sindh).
11. The Chairman, Sindh Services Tribunals, Karachi.
12. The Chairman, Sindh Public Service Commission, Karachi.
13. The Chairman, National Disaster Management Authority, Islamabad.
14. The Director General, Provincial Disaster Management Authority, Sindh, Karachi.
15. The Commissioners (All) in Sindh.
16. The Deputy Commissioners (All) in Sindh.
17. The Registrar, High Court of Sindh, Karachi.
18. The Deputy Secretary (Staff) to Chief Minister / Chief Secretary, Sindh, Karachi.
19. The Head of the Attached Department/Corporations/Autonomous Bodies/ Semi Autonomous Bodies/Local Councils in Sindh.
20. P.S to Chief Secretary (Sindh), Karachi.
21. P.S to Ministers / Advisors / Special Assistant to C.M Sindh (All).
22. P.S to Secretary (GA), SGA&CD, Govt. of Sindh, Karachi.

[Signature]
WALI MOHAMMAD BALOCH
DEPUTY SECRETARY (B&A)