

FLOOD 2022 IN SINDH



6th Situation Report

District Sanghar
District Mirpurkhas
District Tando Allahyar
District Tando Mohammad Khan
District Badin
District Sujawal
District Thatha
District Hyderabad
District Dadu
District Khairpur



URGENT APPEAL

For flood affected people of Hyderabad, Mirpurkhas and Nawabshah Divisions.

Urgent needs

- Food (Ration) Baskets
- NFIs (Kitchen utensils, jerry cans, etc.)
- Provision of safe drinking water
- Provision of Hygiene Kits,
- Shelter / NFI Kits / Solar Lights
- Mosquito Nets
- Provision of WASH facilities

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Situation Overview

Pakistan has been stricken by deadly monsoon season since the last week of June 2022, which has caused substantial damage to lives, livelihood and infrastructure. Moreover, torrential rains have caused urban and flash floods, landslides, and Glacial Lake Outburst Floods (GLOF) across the country, particularly affecting Sindh, Balochistan and Khyber Pakhtunkhwa (KP). Monsoon rains have said to broke the 30 year old record in Sindh and Balochistan. Experts have reported that monsoon has become highly erratic in terms of its onset, intensity and coverage due to climate change.

Some highlights of current situation are given below:

- More than 3407071 individual and 616,648 household have reportedly been affected, mostly in Sindh, due to flash floods and heavy rain, with a number of casualties and losses including damages of houses, roads, crops and livestock.
- According to Provincial Disaster Management Authority (PDMA), 137 deaths have occurred in district Dadu, Thatta, Sujawal, Sanghar, Karachi, Hyderabad, Badin and 499 reported injured in different rain incidents.
- Stagnant Rainwater has badly damaged infrastructure. Roadways, bridges and rail networks have also been blocked due to debris flow and stagnant rainwater.
- PDMA has also declared the 23 districts of Sindh as calamity affected districts.
- Most of these districts are badly facing the urban floods especially the low laying areas are reported under water.
- Thousands of acres of crops including cotton, vegetables have also affected due to heavy rains. Due to thunderstorm and rain incidents, livestock mortality incidents are also reported, with the increased chances of post flood viral diseases in livestock.
- Many houses, especially those traditionally made with mud have collapsed, causing men, women and children to sleep under the open sky.
- People are also facing lack of basic facilities such as food, safe drinking water and toilets.
- Waterborne diseases are expected to rise in flood affected areas, making children and livestock most vulnerable.
- Many districts are facing road disconnection issue. Mobile Communication is also disturbed these days.
- Government of Sindh has issued high alerts throughout the province and at district level relief camps and emergency response teams are being established to mitigate any emergency situation in the province.

This situation report will focus on 10 Districts of Sindh namely Sanghar, Mirpurkhas, Tando Allahyar, Tando Mohammad Khan, Badin, Sujawal, Thatha, Hyderabad, Dadu, and Khairpur Mir's where RDF is working.

Rain Emergency Situation of 10 districts Summary of Casualty- Injured/ Death

Provinces	Deaths				Injured			
	M	F	C	Total	M	F	C	Total
Sanghar	6	3	2	11	2	8	4	14
Mirpurkhas	1	1	1	3	2	0	0	2
Tando Allahyar	3	0	2	5	1	2	3	6
Tando M.Khan								0
Badin	5	2	3	10	0	0	0	0
Sujawal	0	0	0	0	0	0	0	0
Thatta	9	0	1	10	7	3	0	10
Dadu	1	0	5	6	0	0	0	0
Hyderabad	0	2	1	3	1	0	0	1
Khairpur				41				53
Karachi	23	2	23	48	237	96	80	413
Total	48	10	38	137	250	109	87	499

- According to the above PDMA data 138 individuals including 48 men, 10 women and 38 children were lost their lives and 499 individuals were injured including 250 men, 109 women and 87 children in 10 districts of Sindh.

Summary of losses of livestock and crops.

Provinces	Livestock	Crop Area (Acres)
Sanghar	135	348405
Mirpurkhas	161	174,567
Tando Allahyar	7	110,058
Tando M.Khan	7	20,365
Badin	150	25012
Sujawal	40	8,176
Thatta	0	20,365
Dadu	2	36,766
Hyderabad	103	3100
Khairpur	71	214626
Total	676	961440

According to the above PDMA data 676 large and small animals were lost in current flood, however the cotton and vegetables were damaged on 923754 acers in 10 districts. The crop mainly cotton and the vegetable are damaged on 961440 acers. The highest damages of crop in district Sanghar 348405 and then Khairpur 214626 acers were damaged.

Summary of Damages of Public Infrastructure/ Properties

District	No. of Deh	No. of Roads	Road (km)	Bridge	Shop	Hotel	Masjid
Sanghar	73	0	0	0	0	0	0
Mirpurkhas	50	0	0	0	0	0	0
Tando Allahyar	28	0	0	0	0	0	0
Tando M.Khan	7	0	133	0	0	0	0
Badin	47	18	40	3	5	2	3
Sujawal		1	250	11	0	0	0
Thatta	40	6	57	0	0	0	0
Dadu	66	56	104	5	0	0	0
Hyderabad	10	20	80	1	0	0	0
Khairpur		256	1002	18	13	0	3
Grand Total	321	357	1666	38	18	2	6

According to the above PDMA data 321 Dehs/ Revenue villages, 357 Roads with 1666 kilometers, 38 bridges, 18 shops, 02 hotels and 06 Masjid were collapsed/damages in 10 districts of Sindh.

Summary of Displaced and Flood Camps

District	Displaced	Persons in Camps			Total
		Male	Female	Children	
Sanghar	57549	8033	8638	19079	35750
Mirpurkhas	106472	11297	9356	3788	24441
Tando Allahyar	2952	363	418	210	991
Tando M. Khan	15500				
Sujawal	17117				0
Thatha	15500				
Dadu	16735	1185	1357	2005	4547
Grand Total	231825	20878	19769	25082	65729

According to the above PDMA data 231825 individual from District Sanghar, Mirpurkhas, Tando Allahyar, Tando Mohammad Khan, Sujawal Thatha and Dadu are displaced and 65729 individuals including 25082 children, 19769 women and 20878 men in flood camps of 07 districts of Sindh.

Summary of Damages of Individual Properties

District	HH Affected	Population Affected	Houses Damages	
			Partially	Fully
Sanghar	60781	418359	29099	10383
Mirpurkhas	52356	261781	82295	23587
Tando Allahyar	4841	45040	4110	1879
Tando M. Khan	13533	81200	1255	83
Badin			814	139
Sujawal	650	3246	2140	713
Thatta	13533	81200	9,980	50
Dadu	113630	572600	6,986	2980
Hyderabad			31	6
Khairpur	546	28618	4574	256
Grand Total	259870	1492044	141284	40076

According to the above PDMA data 1492044 individuals from 259870 households is affected. From 259870 affected households 141284 partially and 40076 fully damaged in 10 districts of Sindh.

RDF's Response to Emergency in Affected Areas**Rapid Humanitarian Need Assessment in Balochistan**

A Rapid Need Assessment (RNA) was conducted by RDF to assess the adversities of Lasbella which is one of the most affected districts of Balochistan in the recent spell of monsoon. Some of the findings of RNA are mentioned below.

- The RNA findings shows that more than 311 villages have been submerged so far, during the recent spell of monsoon; from July 14, 2022 until July 24, 2022.
- Approximately 78000 people displaced and 80% of the households affected with houses completely or partially damaged, and loss of all food supplies at homes. Large parts of the area covered by water and people seeking refuge on rooftops.
- According to the District administration, till August 15, 2022, the 26 people lost their lives and many got injured. 2085 Goats, 5 Sheep, 161 Ox/Cows, 8 Camels and 36 other livestock have been perished. Crops on 12548 acres, 69 Shops, 8 Hotels, 3950 households fully damaged and 7208 partially damaged in different villages.
- Moreover, 15 bores and 6 wells damaged, solar plates of 52 units were misplaced, 14 Tube Wells damaged.
- 83 Kms road damaged, which limited the mobility of rescue teams to reach these areas. Further, access to nearby markets is also restricted due to damaged link roads, resulting in a dire need for food and other basic supplies for the affected population.
- It has affected the whole fabric of life, involving remarkable human-losses, tremendous damages to house hold's shelters, destruction to infrastructure, Headercollapse of dams, damages to agriculture, horticulture, livestock, incomes sources, drinking water sources and the HHs' commodities.

RDF's Response in flood emergency included;

- A Rapid Need Assessment (RNA) was conducted in 04 district of Balochistan and 10 districts including Sanghar, Mirpurkhas, Tando Allahyar, Tando Mohammad Khan, Badin, Sujawal, Thatta, Hyderabad, Dadu and Khairpur of Sindh province.
- 13083 animals were vaccinated and dewormed in flood affected areas of district Tando Muhammad Khan, Tando Allahyar, Matiari, Tharparkar and Mirpurkhas with the support of PPAF & ITC.
- Relief operation has been launched in district Dadu in Sindh to provide water, sanitation and hygiene assistance to flood affected people. Water treatment plant has been installed at village Gul Muhammad Babar in Dadu which provides clean drinking water to 1400 affected families.

- One day free medical camp has been organized on August 25, 2022 at village Hado Kolhi and Sarang Hakro in district Tando Allahyar with the support of PPHI Tando Allahyar, where all medicines, medic and paramedic staff with ambulance deployed over there. 233 patients including below 5 years OPD 33, ARI Cases 55, Suspected Malaria 05, Diarrhea <5 years: 07, Diarrhea/Dysentery >5 years 11, Dermatitis 80, Skin Infection 15, Eye/Ear Infection 5, Others 22.
- Cooked food distributed on August 25, 2022, among 200 families of flood affected villages Khuda Bux Mari, Sher Muhammad khaskeli, Photo khaskeli, Ali Muhammad kaloi of Taluka Jaam Nawaz Ali, District Sanghar and 200 families at IDPs camp Tando Mohammad Khan, 350 families in Dadu.
- Food packages including, wheat flour, cooking oil, rice, Pulse, Sugar, Suji, tea, rusk and biscuits, have been distributed among 100 families of flood affected areas including village Maqbool Memon, UC Dheengano Bozdar of Taluka Tando Allahyar, district Tando Allahyar.

Possible Impacts:

- Pakistan Meteorological Department (PMD) vide its heavy monsoon rains alert dated: 15.08.2022, has informed that the low-pressure area over North Arabian Sea has become less marked with another low pressure area likely to approach & affect Sindh from tomorrow to 18th Aug. Rain thunderstorms with few moderate falls likely to occur in different districts of Sindh including Dadu, Thatta, Sujawal and Sanghar districts.
- Intense rain spell to continue in northeastern & southern districts of Balochistan till 19th Aug which may trigger flash flooding in Dadu.
 - Heavy falls may create water-logging/urban flooding in low lying areas of Hyderabad, Badin, Thatta, Sujawal, Umarkot, Mirpurkhas, Sanghar, Tando Muhammad Khan, Tando Allahyar, Dadu, Noshero Feroz, Jamshoro, Kambar Shahdadkot, Larkana & Sukkur Districts and Karachi Division during 17-18 Aug.
 - Persistent heavy rains over Khuzdar, Lasbella and Hub districts of Balochistan & over Kirthar Range may create extra pressure on Hub dam, Thaddo dam & downstream nullahs.
 - Sea conditions likely to remain rough & fishermen are advised to remain careful while in deep sea.
 - Travelers and tourists are advised to remain cautious during the forecasted period.

Immediate Needs:

Following are the immediate needs as per currently reported situations

- Food (Ration) Baskets or cash assistance to cater the food insecure population in affected areas.
- NFIs (Kitchen utensils, jerry cans, etc.)
- Provision of safe drinking water
- Protection of remaining livestock through provision of shelter, feed and vaccinations
- Provision of Hygiene Kits, essential medicines and medical equipment
- Shelter / NFI Kits / Solar Lights
- Mosquito Nets
- Provision of WASH facilities

Case Study-01

Downpour and Hill Torrents Impact on Vulnerable Population of District Dadu



Ms. Jado is a widow living with her five children in an unstructured mud house in village Jam Babar, Union Council Swaro, Taluka Johi, District Dadu. She is the head of her family since her husband died in chronic disease and works as a farmer for a local landlord and have skills to make ropes from foliage's locally called peesh.

The recent torrential monsoon spells have damaged her house and badly affected her livelihood source as she is the only bread earner in the family. Jado expressed with tearful eyes that she was already passing through the difficult time since her husband passed away and the recent rain and flash floods has increased the miseries and destruction in her life.

Her house is completely damaged and she is living along with her children under the plastic made temporary shelter with the absence of resources, facing difficulty to access the safe drinking water and manage the food for her family. Jado and her children are highly exposed to waterborne diseases where health services are far from the communities.

Case Study-02

Havoc and Upheaval of Monsoon Flash Floods in District Dadu

The continues heavy rain and flash floods of hill torrents disconnected and affected hundreds of villages like village Rajo Gandho located in union council Drigh Bala, Taluka Johi, District Dadu, where a head of the affected family Mr. Soomar Khan Birhamani shares that he has been living in a two-room mud house along with his 06 family members, few goats. He had some bags of grain that he collected through the seasonal



laboring and stored for the year to feed his family. Due to continues downpour and flash floods, his house has been completely damaged, forcing them to live under the open sky with his children. The distresses can be seen on his face while he expressed further that his bags of stored grain remained under water which he could not bring out at safe place and his two goats also expired due to uncertain weather condition.



The cases of water borne diseases including cholera and malaria are also contributing to create unfavorable condition for many of affected families in the area and there is no source of livelihood as flash floods has restricted the movement of many people. Consequently, people especially daily wagers are facing difficulty in search of

the livelihood source and arrange meal for their families.

OFFICE OF THE COMMISSIONER MIRPURKHAS DIVISION
NO. REV. / 473 / 2022 Dated: 18th Sep 2022

Subject: **RAINFALL RECORDED WITHIN LIMITS OF MIRPURKHAS DIVISION.**

The rainfall recorded (in mm) within the limits of Mirpurkhas Division during the current monsoon-2022, as reported by the respective control rooms of the Deputy Commissioners of Mirpurkhas division are as under:

Sl	Name of District	Name of Taluka	1 st SPELL			2 nd SPELL			3 rd SPELL			TOTAL
			1st to 15th July 2022	16th to 31st July 2022	1st to 31st Aug 2022	1st to 31st Sept 2022	1st to 31st Oct 2022	1st to 31st Nov 2022	1st to 31st Dec 2022	Total of 9th Sept 2022	Total of 31st Dec 2022	
1	Mirpurkhas	Mirpurkhas	58	13	22	0	88	75	143	237		
		N.E. Mal	39	12	18	0	69	75	143	234		
		Swabi	23	13	22	0	45	33	78	126		
		Uchralat	40	5	23	0	70	84	154	227		
		Drigh	55	22	38	0	77	147	224	301		
		Phulki	12	1	12	0	15	69	87	116		
2	Umerkot	A.G.M	77	12	16	0	42	138	190	265		
		Umerkot	153	18	81	0	30	159	245	424		
		Alwar	68	7	117	0	122	144	267	532		
		Samar	35	35	53	0	141	134	256	422		
		Phulki	19	38	25	0	53	124	177	227		
		Mir	42	7	42	0	117	60	177	289		
3	Tharparkar	Harawal	151	18	219	0	71	8	79	437		
		Uch	118	48	84	0	142	79	182	432		
		Uch	22	2	30	0	43	62	125	207		
		Chachri	32	18	48	0	212	36	246	381		
		Uch	78	17	88	0	175	54	233	354		
		Supetar	42	18	110	0	108	76	274	442		

Sindh
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18/9/22
ASSISTANT COMMISSIONER (GEN)
COMMISSIONER OFFICE MIRPURKHAS

G.E. No. The ASMR/Chief Commissioner Sindh Karachi, The Deputy Commissioner, Mirpurkhas / Umerkot / Tharparkar, The Deputy Secretary (Staff) to Chief Minister Sindh, Karachi, The Deputy Secretary (Staff) to Chief Secretary Sindh, Karachi, The Director General, PDMA, South Karachi, The Additional Relief Commissioner Sindh, Hyderabad.



