

DISTRICT DISASTER MANAGEMENT PLAN (DDMP) 2025

District Kasur
Division Lahore



BULLEH SHAH PAPER MILLS FIRE



FLOOD 2023



FLOOD 2023



نجران وزیر اعلیٰ پنجاب جسٹس انٹی میں کتاؤ اسکودا کے مقام پر تھوار پوسٹ کے آخری سرحدی گاؤں ہنگی پنڈ اور دیگر دیہات میں دریا کے کنارے پانی سے زبردست عاتقوں میں امدادی سرگرمیوں کا جائزہ لے رہے ہیں۔

FLOOD 2023

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TABLE OF CONTENTS

Executive Summary.....	1
Aim and Objectives.....	2
District Profile	3
Coordination Mechanism.....	22
Risk Analysis	39
Strategic Reserves	42
Mitigation Strategy.....	46
Early Warning	53
Rescue Strategy	55
Humanitarian Assistance.....	56
Annex I: Identified sites for displaced persons	57
Annex II:Relief Camps	59
Annex III: List of Private Boats Owner.....	60
Annex IV: List of hazard prone villages/ Revenue Estate	62
Annex V: List of Health Facilities and their vulnerability to Hazards.....	68
Annex VI: List of vulnerable Educational institutions.....	69
Annex VII: List of Industries with their risk level	72
Annex VIII: List of NGO working in the District.....	73
Annex IX: List of Social Welfare and NGOs Resource for Flood	74
Annex X: Contact list of main stakeholders / departments	75
Annex XI: Local Government	78
Annex XII:List of Swimmers / Diver.....	84
Annex XIII: List of volunteers.....	86
Annex XIV: List of Pregnant Women, Lactating Women, and Person with Disabilities in flood prone area.....	96
Annex XV: Political Constituencies	101
Annex XVI: Data Collection Performa's	103
Annex XVII: Camp Management SOPs	106
Annex XVIII: Flood Bunds.....	107
Annex XIX: River Discharge Rates.....	110
Annex XX: List of Basic Terms	111

XX

Flood30
%

Estimated number of people at risk of
Floods in 2021 of total population
Risk: High

XX

Drought

Estimated number of people at
risk of Drought in 2021

7%

Of total population Risk: Medium

XX

Earthquake

Estimated number of people at risk of
earthquake in 2021 of total population

0%

Risk: Low

XX

Epidemic

Estimated number of people at risk
of epidemic in 2021 of total Population

35%

Risk: Medium

EXECUTIVE SUMMARY

Kasur district is bounded by the Ravi River in the north-west and river Sutlej in the south-east. Whereas the old course of Beas River bifurcates the district into two equal parts locally known as Hither and Uthar or Mithan Majh. Both of the areas have a height differential of approximately 5.5 meters. The district administration of Kasur has adopted a multi hazard approach to plan and strategize disaster response system. Based on consultations with different government stakeholders, most common form of hazard in the area are floods, earthquakes, drought and environmental hazards including deforestation and groundwater contamination. Kasur is generally considered as flood-safe district, as water rights of both rivers flanking the district reside with India, under Indus Water Treaty

The local governments have a key role in identifying and understanding the hazards and risks that could impact on the safety and sustainability of their communities. At local level, DDMA, with technical assistance from PDMA, will prepare District DRR/DRM Plan keeping in view the detailed analysis of risks and vulnerabilities of the area, mapping of capacities available with public and private sector, and clearly defined roles and responsibilities of district line departments to be performed in pre- and post-disaster phases. The District Disaster Management Plans will also provide long-term DRM vision, key priorities and financial arrangements necessary for implementing programs and activities aimed at making the local communities resilient to hazards and threats from potential climatic changes. The DDMPs will not entirely focus on structural or engineering solutions but equal importance will be given to non- structural aspects of DRM. DDMA will endorse the DDMP for final approval.

AIM AND OBJECTIVES

The plan is aimed to manage emergencies by putting in place requisite mitigation measures and a well-coordinated and integrated response at district level.

The main objectives of the plan include:

- To develop a plan of action for the District Disaster Management Authority and other district stakeholders to set priorities and provide directions for disaster management;
- To define the roles of various stakeholders in disaster management in all the phases pre, during and after disaster;
- To raise awareness of stakeholders about disaster risks and the requirements for disaster management;
- To introduce coordination mechanism for immediate response and rehabilitation at district level;
- To enhance the effectiveness and timeliness of emergency response through the clarification of goals, strategies, roles and responsibilities;
- To strengthen response coordination between government departments and humanitarian organizations (UN agencies, NGOs).

DISTRICT PROFILE

District Kasur is situated near Lahore. The total area of the district is 3,995 square kilometers and Kasur city is the district capital. The district is administratively subdivided into 4 tehsils (Kasur, Chunian, Pattoki and Kot Radha Kishan) and 125 Union Councils. Earlier it was part of Lahore District but was declared as a separate district on 1 July 1976 with two tehsils; Kasur and Chunian. In 1992, the tehsil Chunian was bifurcated into two tehsils, Chunian and Pattoki. Later, Kot Radha Kishan was declared as a separate tehsil. The district is connected to Lahore and the adjacent districts by a network of roads and rail.

In ancient time, Kasur was known for its education and fish. The history of Kasur is more than 1,000 years. Kasur region was agricultural region with forests during the Indus Valley Civilization. The Kasur region was ruled by Maurya Empire, Indo-Greek kingdom, Kushan Empire, Gupta Empire, White Huns, Kushano-Hephthalites and Shahi kingdoms. The Mughal Empire ruled Kasur for 200 years. After and during the decline of the Mughal Empire, the Sikhs took over the Kasur District. Most of the Punjab region was annexed by the East India Company in 1849, and was one of the last areas of the South Asia to fall under British colonial rule. During the British Raj, the irrigation canals were built that irrigated large areas barren lands of the Kasur District. The principal tribes and clans residing in Kasur District are Rajput, Arain, Jat, and Dogars. Other smaller tribes and clans in Kasur include Bhatti, Malik, Sunyare Mayo, Dogar, Ansari, Sheikh and Pathan. The refugees from East Punjab that settled in the district largely belonged to these tribes and clans.

Geology and Climatology

Kasur district is bounded by the Ravi River in the north-west and river Sutlej in the south-east. Whereas the old course of Beas River bifurcates the district into two equal parts locally known as Hither and Uthar or Mithan Majh. Both of the areas have a height differential of approximately 5.5 meters. The natural surface elevation of the district is 198 meters above the sea level, having a general slope from north-east to south-west. Whereas the east and west ends of the district comprise the flood plains of the rivers Satluj and Ravi, characterized by breaching of looping river channels braided around meander bars. Kasur district is situated at a distance of about 55 km towards south of Lahore, on the Lahore-Ferozpur Road. The district has Indian Territory on the south and east, across the Sutlej River, Lahore district on the north, Okara district on the south-west and Nankana Sahib district on north-west.

Kasur's climate is a local steppe climate. There is little rainfall throughout the year. According to Köppen and Geiger, this climate is classified as BSh. The temperature here averages 23.9 °C. About 424 mm of precipitation falls annually. Precipitation is the lowest in November, with an average of 3 mm. The greatest amount of precipitation occurs in July, with an average of 125 mm. At an average temperature of 33.7 °C, June is the hottest month of the year. The lowest average temperatures in the year occur in January, when it is around 12.2 °C. Between the driest and wettest months, the difference in precipitation is 122 mm. The variation in temperatures throughout the year is 21.5 °C.¹

Table 2: Monthly Climate

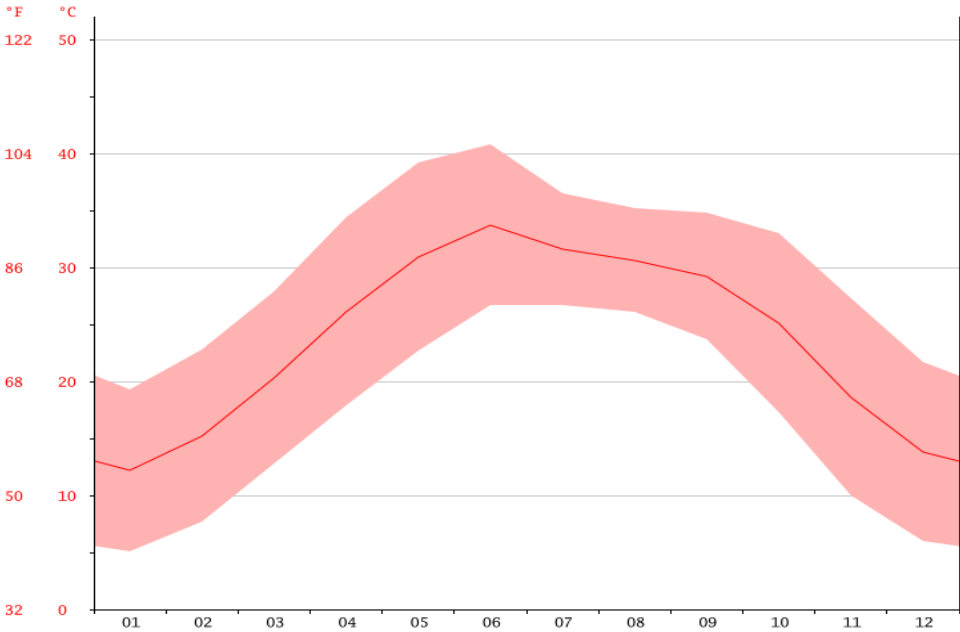
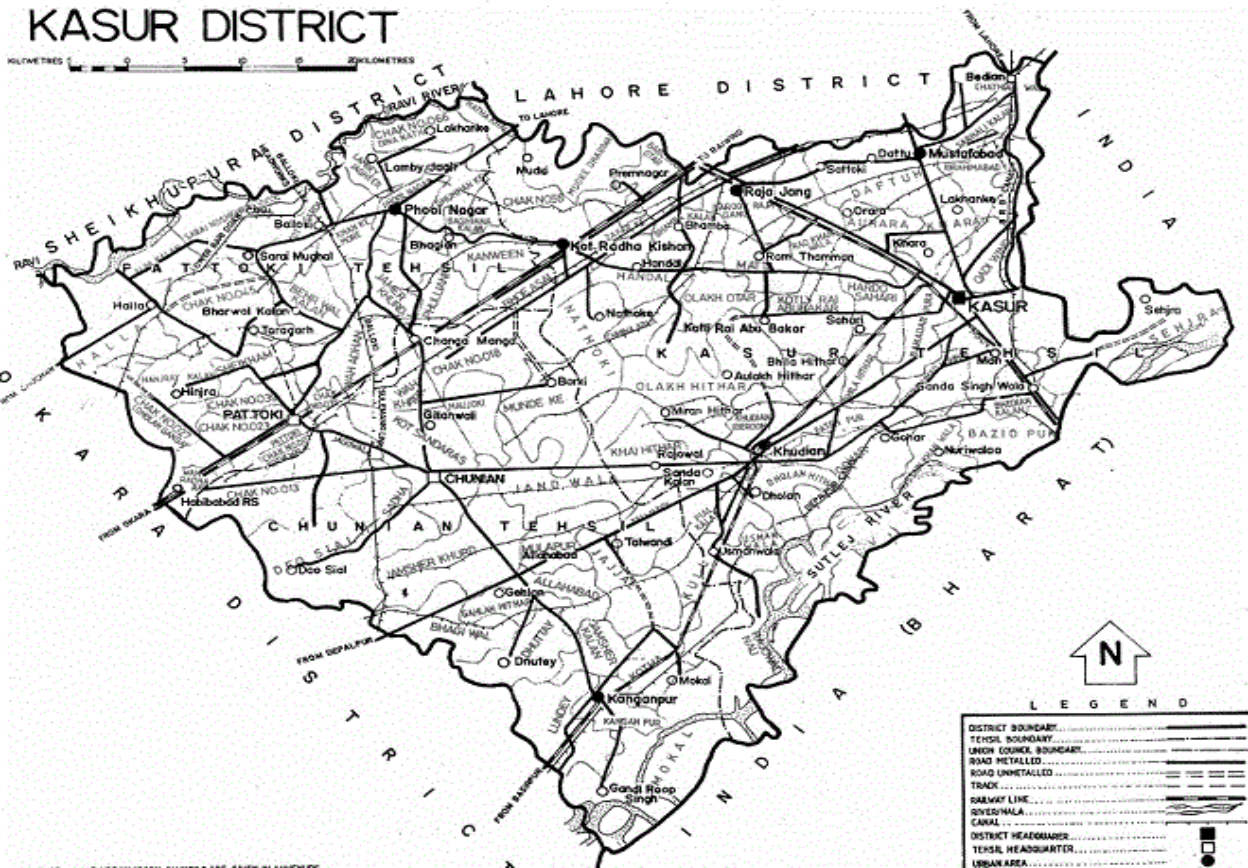


Figure 1: District Kasur Map



Socio-Economic Indicators (Average)

Sr. No.	Particulars	Numbers
1.	Population	4.08M
2.	No. of Tehsils	4
3.	No. of UCs	125
4.	No. of Revenue Estates	641
5.	Population Density (people per km ²)	1022.34
6.	Family Size	7.0
7.	Pop Growth Rate	2.84%
8.	Patient/Doctor Ratio	1/1300
9.	Average Mortality Rate (AMR)	6.8/1000
10.	Infant Mortality Rate(IMR)	48.7/1000
11.	Mother Mortality Rate (MMR)	140/100000
12.	Literacy Rate	62.85%
13.	Punjab Malnutrition Rate (PMR)	38%
14.	Malnutrition Rate in District Kasur	38%
15.	Percentage of population having access to clean drinking water	30%

Population

Total	Male	Female) (above 18)	Minor (M) (less than 18)	Minor (F) (less than 18)	Vulnerable People (PLWs, disabled, aged)
4,084,286	50.8%	49.2%	44.0%	45.2%	2.6%

Source/Note: Population Department

Number of Dwelling Units	Kaccha (Mud/clay)	Pakka (Bricks& Morter)
337,649	111,750	225,899

Source/Note: ADLG Office

Area (in acres)

Total Area of District in Km ²	Area under cultivation	Cultivation in Settled Area	Cultivation in Baid Area
3,995	808,110	30,000	7,000

Literacy Rate

Source/Note: Education Department Kasur

Overall	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
36.2%	44.7%	18.1%	57.2%	40.6%	47.6 %	23.1 %

Government Schools

		Schools	Enrollment
Total/ Overall			
Boys	Primary	450	70055
	Middle	108	41362
	High	102	87043
Girls	Primary	464	70697
	Middle	142	52313
	High	92	83199
Co-Education	Primary	0	0
	Middle	0	0
	High	0	0
Special Education		6	904

Private Schools

		Schools	Enrollment
Total/ Overall			
Boys	Primary	39	7765
	Middle	189	30360
	High	127	19383
Girls	Primary	42	9188
	Middle	251	42162
	High	121	19404
Co-Education	Primary	83	17695
	Middle	85	12945
	High	28	
Special Education		1	140

Higher/Technical/Professional Education (Public & Private)

Particulars	College	Universities	Professional	Technical	Commerce	Total
No of Institution	16	0	0	0	3	19
No of Students	22084	01	01	01	1353	23437

Health Facilities

Particulars	Primary	Secondary	Tertiary	Private Hospital	Total
No. of Facilities	125	5	-	42	172
Annual OPDs	901255	855845	-	40967	1798067
No of beds	404	490	-	1645	2539
Doctors Available	146	278	-	118	542
Paramedical staff	661	319	-	336	1316
Ambulances available	Handed over to 1122	Handed over to 1122	-	--	--
Mobile Medical Units	--	--	-	--	--

Livestock: Small Animals (goats, sheep etc.): **323,406** Big Animals (cows, buffalos, camel etc.) **1,017,885**

Main source of livelihood of the community? (in percentage)

Agriculture	Livestock	Poultry	Fish Farming	Services (Public & Pvt)	Business	Expatriates	Industrial Labor	Skilled Labor	Unskilled Daily Labor	General Labor
%	61%	35%	%	%	%	%	%	%	%	%

Disaster History - Floods

S#	Year	No. of people affected	No. of deaths	No. of Revenue Estates affected	Houses Damaged (Partially)	Houses Damaged (Fully)	Compensation Paid (Rs.)	Financial Impact (including infrastructure damaged)
1	2011	12941	--	--	--	--	--	--
2	2013	16530	--	--	--	--	--	--
3	2015	24440	--	--	--	--	--	--
4	2018	6387	--	--	--	--	--	--
5	2023	54803						

Disaster History – Other disasters (since 1970)

S#	Year	Disaster Type	No. of people affected	No. of deaths	Remarks
1	2020	Covid-19	687	11	-----
2	2020	Rains	20	10	-----
3	2021	Rains	13	8	-----
4	2021	Covid-19	2299	5	-----
5	2023	Rains	61	11	
6	2023	Flood	54803	01	People of Tehsil chunain and Kasur in riverline area affected by flood.
7					
8					
10					

General Information

Particulars	Detail
Neighboring districts and their vulnerabilities	Lahore is at Medium Risk to Flood Okara is at low risk to River flood Sheikhupura is at medium Risk to River Flood Nankana Sahib is at medium Risk to River Flood
Topographical Features	Topographically Speaking, District Kasur lies between the river Sutlej which flows along its boundary with India and river Ravi which flows along its boundary Sheikhupura. The district may divided into two parts a low lying or riverine area also bordering rivers and upland away from the rivers. The riverine area is generally during monsoon season. The water level in this area is higher than the upland area. The upland is flat plain sloping from north-east to south-west. The generally the area is from 150 to 200 meters above the sea level.
Weather/Climate pattern	Kasur's climate is a local steppe climate. There is little rainfall throughout the year. According to Köppen and Geiger, this climate is classified as BSh. The temperature here averages 23.9 °C. About 424 mm of precipitation falls annually. Precipitation is the lowest in November, with an average of 3 mm. The greatest amount of precipitation occurs in July, with an average of 125 mm. At an average temperature of 33.7 °C, June is the hottest month of the year. The lowest average temperatures in the year occur in January,

	when it is around 12.2 °C. Between the driest and wettest months, the difference in precipitation is 122 mm. The variation in temperatures throughout the year is 21.5 °C. ²
Major Rivers	River Sutlej along its boundary covering two tehsil (Kasur and Chunian) of district Kasur. Ravi River along its boundary covering two tehsil (Kot Radha Kishan and Pattoki) of district Kasur.
Major Nullahs / Streams	Name of river, passing through areas along with length in the district Flood levels
Motorway/Highway	Vulnerable points of motorway/highway 0
Railways	Vulnerable points of Railway 0
Geological features	E.g. fault line, mountainous areas etc. 0

Dams (including small dams)

Name of Dam	Location	GPS Coordinates	Capacity	High Flood Level	Critical Points, if any	Remarks
0	0	X: 0 Y: 0	0	0	0	0
0	0	X: 0 Y: 0	0	0	0	0

Major Embankments/Bunds

Name of Embankment	Length (Miles)	Starting Point (Revenue Estate /Tehsil Name)	Ending Point (Revenue Estate /Tehsil Name)	Name of Critical/ vulnerable Points	GPS Location of Critical/ Vulnerable Points	Remarks
Haya Bund	2.22	-----	-----	0	0	This bund joins Right Marginal bund at RD. 35+600. This bund is also used for the Defense purpose. The bund was constructed to protect area from the spill of Rohi Nullah Diversion
Left Marginal Bund	8.64KM	Tehsil Pattoki	Tehsil Pattoki	RD 12000 to 13000 of left marginal bund	31.2405 46N 73.8967 49E	This bund is recently rehabilitated by PIU and in excellent condition

Right Marginal Bund	2.62	-----	-----	0	0	This portion of Right Marginal Bund of Ferozpur head works falls in the territory of Pakistan. This bund will protect the nearest villages i.e. Ladeke, Sheikh Pura, Kamalpura, Mahiwala etc. The main gauge of Talwar post exists on its RD. 30+000. This bund is also used for the Defense purpose.
Link Bund	2.56	-----	-----	0	0	This bund along right Marginal bund and Railway guide bund are very important for the protection of large area of nearest villages like as Burg Rajuke, Chanda Singh Wala, Sultan Shah Wala, Bhedian Kalan and Ganda Singh Wala etc.
The Bund (A)	0.27	-----	-----	0	0	This is very small bund constructed near to save the Link Bund.
The Bund (B)	0.15	-----	-----	0	0	This is very small bund constructed near to save the Link Bund.
Railway Guide Bund	1.5	-----	-----	0	0	Before partition of Indo-Pak a railway track was provided from Ganda Singh Wala to Ferozpur Head works for carriage of stone. After partition, the track was removed and the formation was converted into a regular flood bund. This bund is also used for the Defense purpose.
Right Retired Embankment	1.5	-----	-----	0	0	Right retired embankment was constructed in set back position of the portion of right Marginal bund which exists in the territory of India to save the Right marginal bund and also to protect the nearest village of Nizam Sanda and Sanda Kalan.
Loop Bund	0.35	-----	-----	0	0	Due to Indian action of demolishing the portion of Right marginal bund and other allied spurs on right side of Sutlej River falling in Indian Territory, a loop bund was constructed to join the Sufaida Bund with Right retired embankment and to protect the same areas of

						Nizam Sanda etc. This bund is also used for the Defence purpose.
Sufaida Bund	0.47	-----	-----	0	0	This bund was constructed to protect the large area of the villages of Fatuhi Wala, Singh Sahib wala and saa Jughian etc, it meets with the Ferozpur road from its starting point. This bund is also used for the Defense purpose.
Flood/Defense Bund near village ullake	1.9	-----	-----	0	0	In order to check the river area a defense bund in a length of 9500 ft was constructed during 2001-2002. This bund will protect the areas of village Ullake and Walle Wala.
Flood / Defence Bund near village Bedian Usman Wala	1.7	-----	-----	0	0	The flood/defence bund from village Bedian Usman Wala to village kot Chak Bodal had been constructed to check the River erosive action during flood. This flood embankment has been constructed by the Pak Army during year 2001-2002.
Lower Ganja Minor Flood Embankment	8.57	-----	-----	0	0	Left Bank of Lower Ganja Minor Head to tail has been converted into flood embankment to Project large area falling on Right side of Minor from spills of River Sutlej.
Flood embankment along lower Ganja Sub Minor	2.04	-----	-----	0	0	The flood embankment along left bank of lower Ganja Minor from RD.0-10200 was constructed during 1989 to check the spill of River Sutlej and to save Sub Minor from damage.
Flood embankment along left bank of Depalpur Canal	4.17	-----	-----	0	0	Depalpur Canal runs parallel to Sutlej River at a short distance. To save the Channel and area on the right from spill water during floods, the left bank of Depalpur Canal from RD-136000 to 156860 was converted into flood embankment.
Flood embankment along Fateh Muhammad Disty	17.52	-----	-----	0	0	River Sutlej has been meandering towards Pakistan since 1952 consequently some portions of Fateh Muhammad Disty were washed away during different times and diversions had to

						be made in setback position. Subsequently, left bank of the channel was converted into flood embankment.
Flood embankment along Laluguddar Disty and Kanda Minor	2.86	-----	-----	0	0	Laluguddar Disty also remained under the river action. The channel was damaged at various places. A flood embankment along the channel was constructed to save the same from its further damaging.

Breaching Section

Name of Bund/ Embankment	Name of Breaching Section	Location with GPS Coordinates	Likely Affected Population			Likely Affected Revenue Estate	Remarks
			Male	Female	Children		
		X: Y:					
		X: Y:					
		X: Y:					

Power Houses/Grid Station/Oil Depot/other sensitive installations

Name of Power Houses	Capacity
OREINT POWER HOUSE BALLOKI	-----
NISHAT POWER HOUSE MULTAN ROAD BS LINK	-----
NISHAT CHUNIAN POWER HOUSE GAGGA ROAD SARAY CHEENBA	-----

Power Houses/Grid Station/Oil Depot/other sensitive installations

Name of Grid Station	Capacity	Name of Grid Station	Capacity
132 KV Old Kasur	132 KV	132 KV Raiwind New Glamour Adda	132 KV
132 KV New Kasur	132 KV	132 KV Century Paper B-IV Jumber	CONSUMER GRID
132 KV Lullyani	132 KV	132 KV Amir Cotton B-III Jumber	CONSUMER GRID
132 KV Khudian	132 KV	132 KV Sphire Finishing B-III By Pass Raiwind	CONSUMER GRID
132 KV Chunian	132 KV	132 KV Barket Grid B-III Ittefaq Adda	CONSUMER GRID
132 KV K.R.K	132 KV	132 KV M-Bux Grid B-IV By Pass Raiwind	CONSUMER GRID

132 KV Kangan Pur	132 KV	132 KV Master Grid B-IV By Pass Raiwind	CONSUMER GRID
132 KV E/Abad	132 KV	132 KV Colony Grid B-IV By Pass Raiwind Ham Aziz Chowk	CONSUMER GRID
132 KV W.R.R	132 KV	132 KV Ghazi Grid B-IV Golden Adda	CONSUMER GRID
132 KV Pattoki	132 KV	132 KV Bulley Shah B-IV Kasur	CONSUMER GRID
132 KV Chak No.65	132 KV	132 KV Shafi Steel B-IV Rosa Bhail	CONSUMER GRID
132 KV Raiwind	132 KV	132 KV Queta B-IV Golden Adda	CONSUMER GRID
132 KV Phool Nagar	132 KV	132 KV Nishat Chunian Golden Adda	CONSUMER GRID
132 KV Manga Mandi	132 KV	132 KV Hira Terry Chak No.65	CONSUMER GRID
220 KV Sarfraz Nagar	132 KV	132 KV Chuchak	132 KV
132 KV Ahmad Abad	132 KV		

Airport / Landing Strips

Govt. Wheat Storage Facilities/Warehouses in the District Kasur

NAME OF CENTRE OR STROGE PLACE	NO. OF GODOWNS	PER GODOWN CAPACITY	TOTAL ACCOMMODATION		Location
			STANDARD (M.T)	OPERATIONAL (M.T)	
PRC KASUR	6	500	3000	4500	Near Railway Station Kasur
	8	1000	8000	10800	
	2	350	700	700	
	1	2000	2000	3000	
	1 Set of 55 Bins	2000	2000	2000	
Total	1 Set Bins + 17 Godowns	5850	15700	21000	
PRC KHUDIAN	2	1000	2000	3000	Near Railway Station Khudian
PRC USMANWALA	5	1000	5000	7000	Near Ghalla Mandi Usmanwalla
PRC CHUNIAN	14	1100	15400	18900	Cant Chunian
PRC PATTOKI	8	500	4000	6000	Near Degree College Pattoki
PRC HABIBABAD	5	1000	5000	7000	Near Railway Station Habibabad
TOTAL	1 Set Bins + 51 Godowns	8450	45100	60900	

FLOOD RELIEF CENTRES

Sr No.	Tehsil	Camp Name	Camps Focal Person Name & No	Location		Capacity	
				Lat.	Lon.	No of People	Area of Camp
1	Kasur	Govt Boys high School Sheikhpora Nau	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31.068863	74.574826	3340	22-Kanal
2	Kasur	Govt Boys high School Sheikhpora Nau	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31.068863	74.574826	2390	
3	Kasur	Govt Boys high School Sheikhpora Nau	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31.068863	74.574826	1000	
4	Kasur	Govt Boys high School Sehjra	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31.116432	74.62319	400	25-Kanal
5	Kasur	District Public School,Kasur	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31°07'37.3"N	74°28'18.4"E	3350	125K-04M
6	Kasur	District Public School,Kasur	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31°07'37.3"N	74°28'18.4"E	3450	
7	Kasur	District Public School,Kasur	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31°07'37.3"N	74°28'18.4"E	4096	
8	Kasur	Govt. G.E., School, Baqarkey	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.936914	74.317495	6137	25-Kanal
9	Kasur	Govt. Boys Primary, School, Baqarkey	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.936914	74.317494	1467	15-Kanal
10	Kasur	Govt. Boys High School Usman Wala	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.5338	74.1408	7350	27-Kanal
11	Kasur	Govt. High School Najabat	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.813174	74.23744	5591	22-Kanal
12	Kasur	Rest House Bakarkey	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.928417	74.317495	297	10-Kanal
13	Kasur	UC Rajo Wall Nou	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.8735227	74.2903326	1287	12-Kanal
14	Kasur	BHU Rajo Wall Nou	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.87559	74.29001	1651	12-Kanal
15	Kasur	G.B.P.S Rajo Wall Nou	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.873942	74.289973	144	8-Kanal
16	Chunian	Kothi Fateh Muhammad	M. Mushtaq (NT) ,03016570095	30.717919	74.155169	200	4 acre
17	Chunian	Govt primary school gara Singh vala	M. Aslam (NT),03006542635	30.702315	74.129755	100	4 kanal
18	Pattoki	Govt. High School, Pattoki	Imran Hafeez Tehsildar 0306-7587070	31.020016	73.852022	100	56 Kanal
19	Pattoki	Govt. Elementary School, Old Mandi, Pattoki	Imran Hafeez Tehsildar 0306-7587070	31.016907	73.851304	200	10 Kanal
20	Pattoki	Govt. High School, Balloki	Dais Muhammad Naib Tehsildar 0300-6542313	31.189468	73.881493	1000	10 Kanal
21	Pattoki	Govt. High School, Jajja Kalan	Dais Muhammad Naib Tehsildar 0300-6542313	31.191899	73.796336	1500	15 Kanal
22	Pattoki	Govt. High School, Halla	Ms Anum Naib Tehsildar ,0317-4454821	31.119711	73.728925	1300	6 Kanal
23	Pattoki	Govt. High School, Alpa Kalan	Ms Anum Naib Tehsildar ,0317-4454821	49.6284	49.6894	1200	6 Kanal
23	Pattoki	Govt. High School, Phool Nagar No.1	Khalid Raza Naib Tehsildar 0333-4443563	31.1234N	73.5656E	200	30 Kanal

24	Pattoki	Govt. Elementary School, Chah Kalalan Wala	Khalid Raza Naib Tehsildar 0333-4443563	31.274628	74.049917	1100	3 Kanal
25	Pattoki	Govt. Boys Elementary School, Gagga Sarai	Khalid Raza Naib Tehsildar 0333-4443563	31.257266	73.96778	800	7 Kanal
26	Pattoki	Govt. Elementary School, Gulzar Jagir	Khalid Raza Naib Tehsildar 0333-4443563	31.220442	73.9302803	850	7 Kanal

Mouza Summary by Risk Zone
High Vulnerable = 94

Legend

- Vulnerable Zone**
 - BRIC
 - HHH
 - THQ
 - Clinic
 - Store
 - Hospital
- Education Facilities**
 - Level
 - Male
 - Female
 - Both
 - H.Sec.
 - High
 - Meddle
- Boundaries**
 - Mouza
 - Tehsil
 - District
- Other Features**
 - Road
 - Railway
 - Water Channel
 - Settlements
 - River
 - Flood Extent

COORDINATE SYSTEM:
Geographic Coordinate System
GCS WGS 1984
Datum: WGS 1984
Prime Meridian: Greenwich
Angular Unit: Decimal Degree

DISCLAIMER:-
All maps are prepared based on the data provided by the Department concerned. While every care is taken to ensure the precision of the data used on this map, the PUDA/CDMA makes no representation or warranties about its precision, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and liability (including without limitation, liability as negligence) for all expenses, losses, damages (including indirect or consequential damages) and costs which one might incur as a result of the data being inaccurate or incomplete in any way for any reasons.

Hazard Map of District Kasur

PROJECT: Flood Emergency Reconstruction and Resilience Project (FERRP)
Project Implementation Unit: Provincial Disaster Management Authority (PIDU - PDMA)
Government of the Punjab

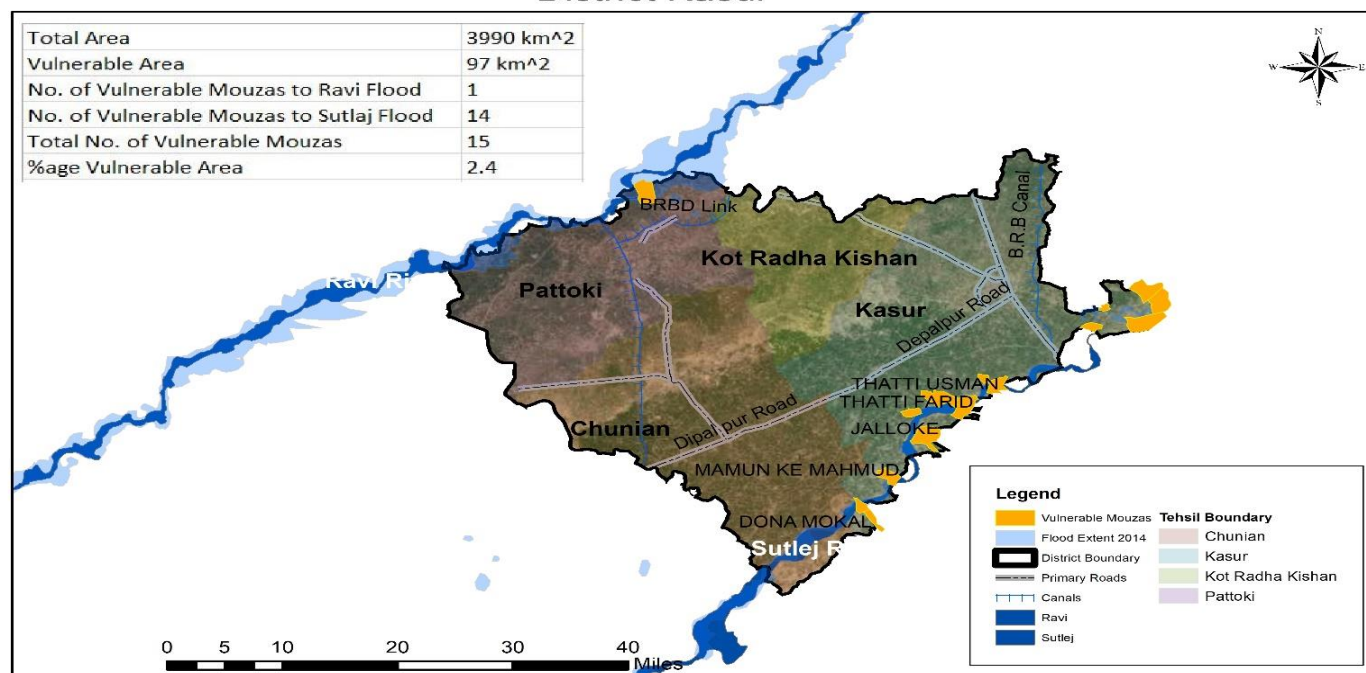
DESIGN: GIS TEAM
REVIEWED: TEAM LEAD
MAP DIMENSION: 33.11" x 23.33" (A1)
DATE: 30-11-2017

DRAWING NO: 777-2016-169
SCALE: 1:155,000
REVISION: 01

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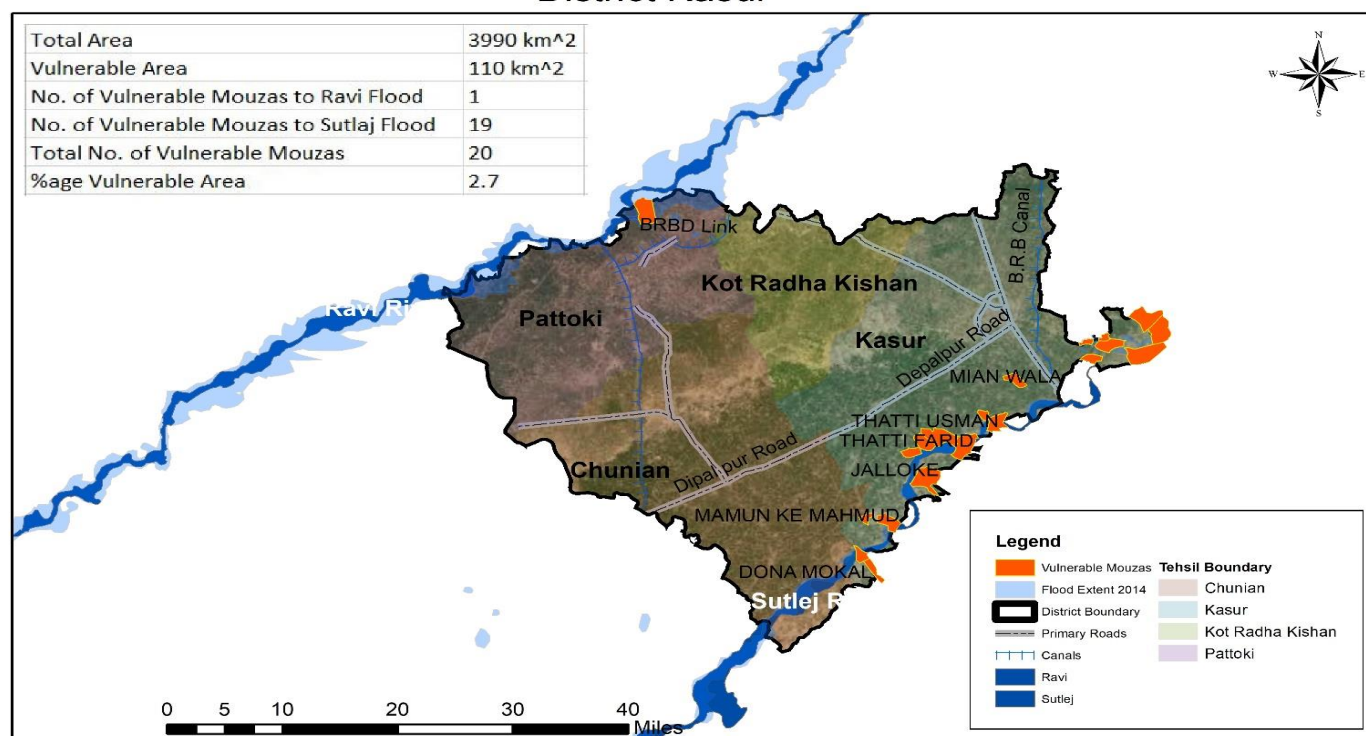
Inundation Map-Mouzas at Low Level Flood

Inuandation Map-Mouzas at Low Level Flood
District Kasur



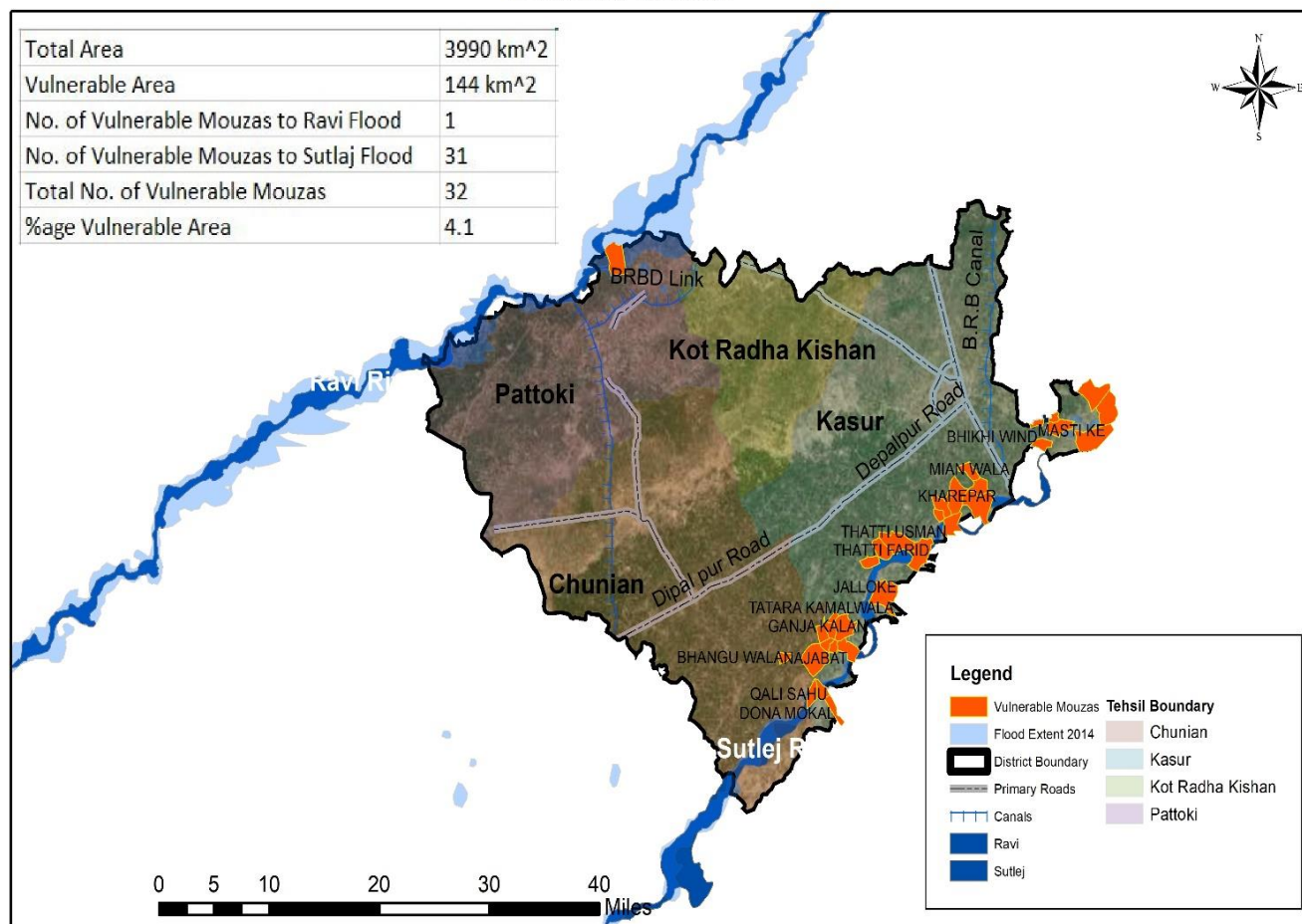
Inundation Map-Mouzas at Medium Level Flood

Inuandation Map-Mouzas at Medium Level Flood
District Kasur



Inundation Map-Mouzas at High Level Flood

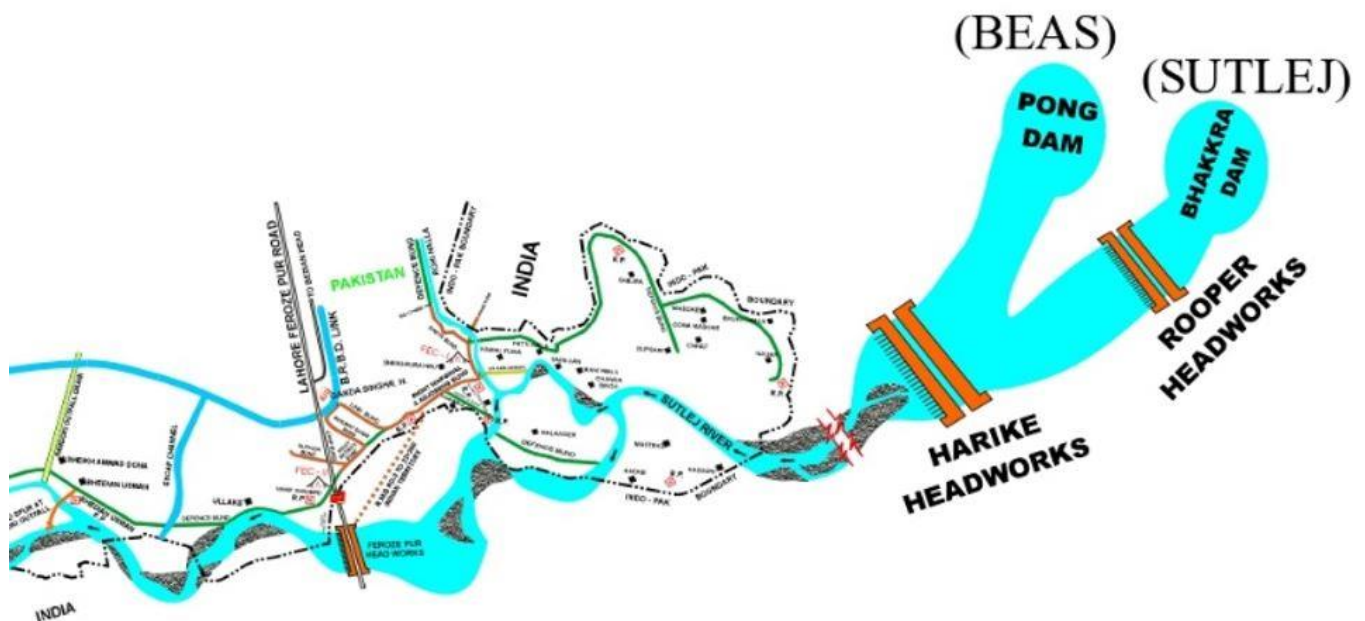
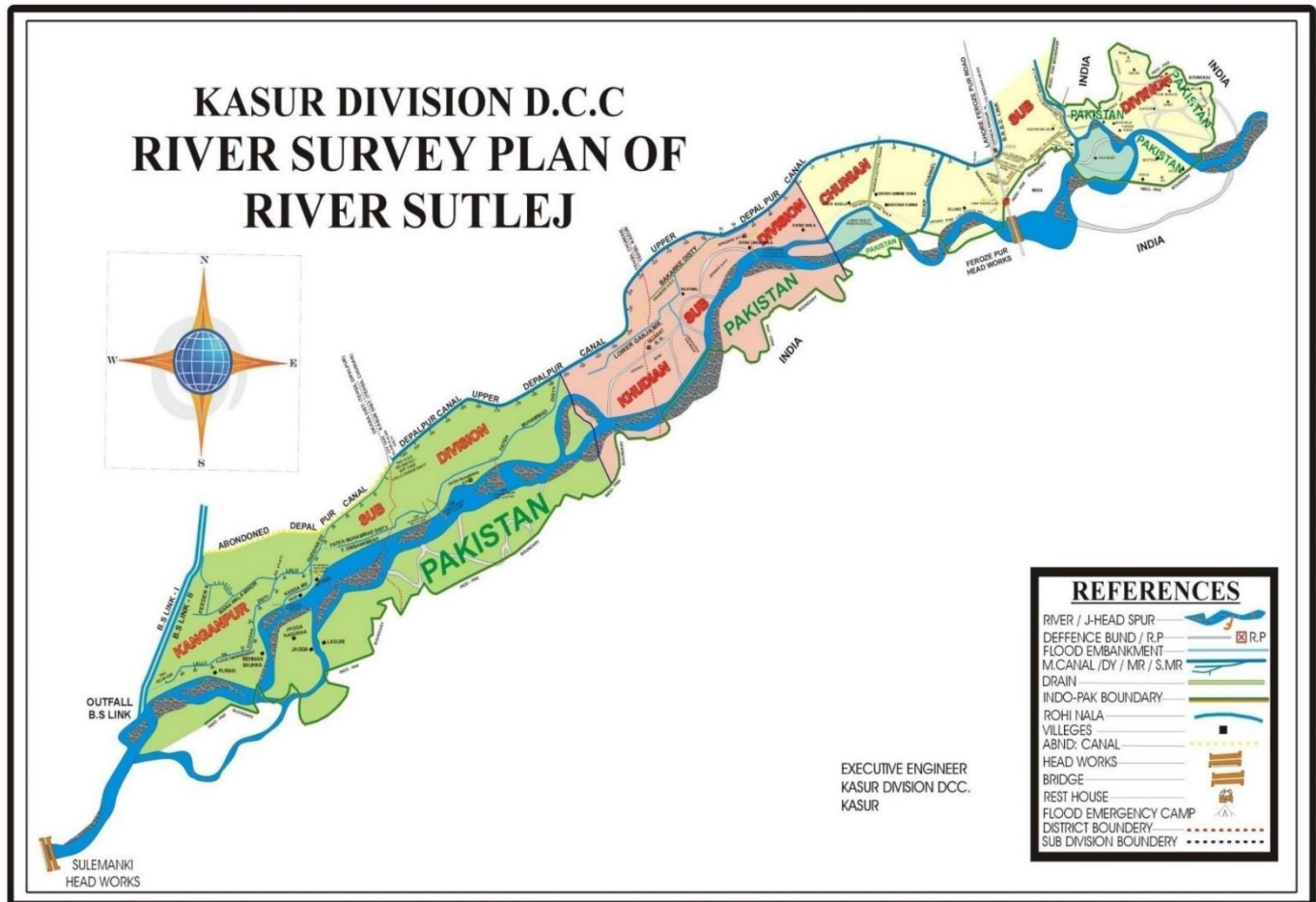
Inuandation Map-Mouzas at High Level Flood District Kasur



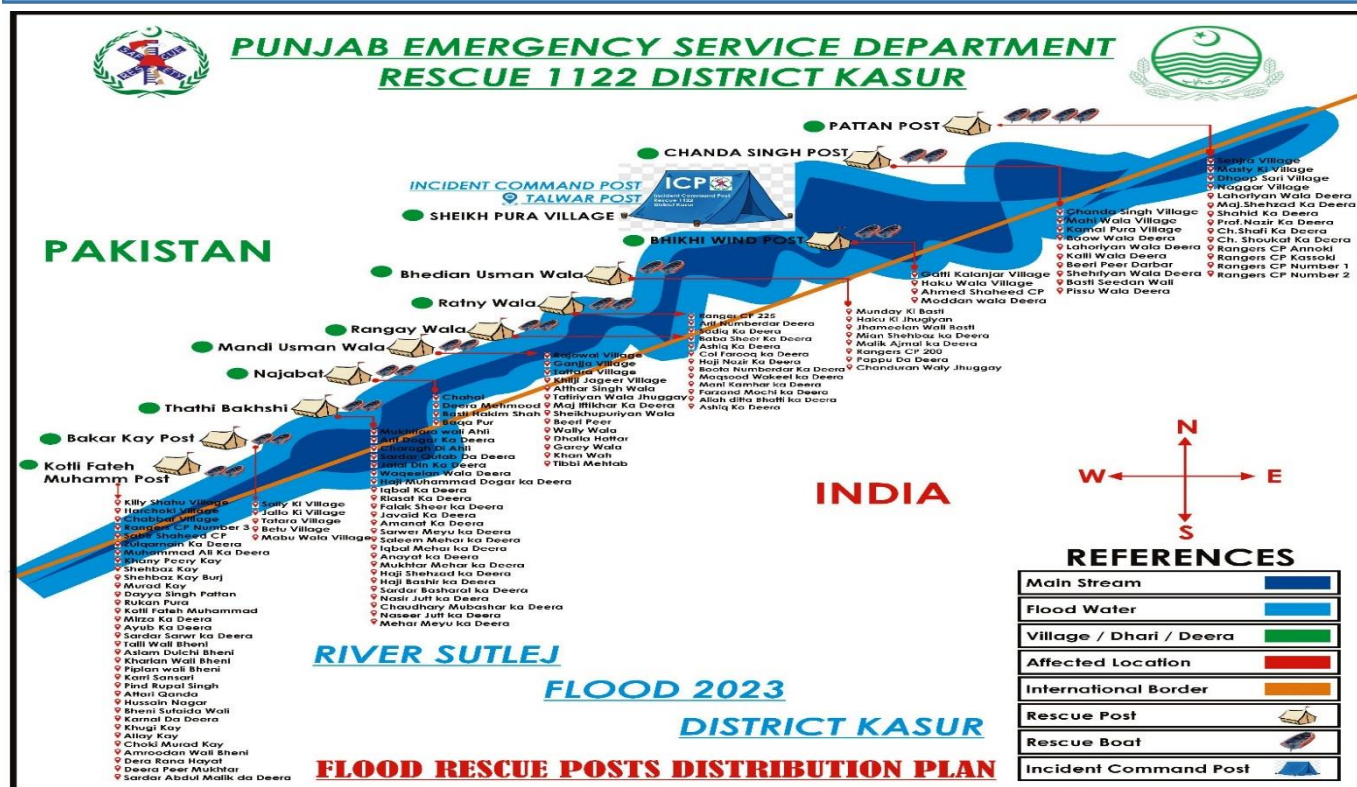
Flood stages

Sr. No.	Category	Sutlej River (Cs)	Ravi River (Cs)
1	Low Flood	70,000	40,000-65,000
2	Medium Flood	150,000	65,000-90,000
3	High Flood	300,000	90,000-135,000
4	Very High Flood	425,000	135,000-180,000
5	Exceptionally High Flood	Above 425,000	Above 180,000

Map of River Sutlej



Relief Camps in Kasur

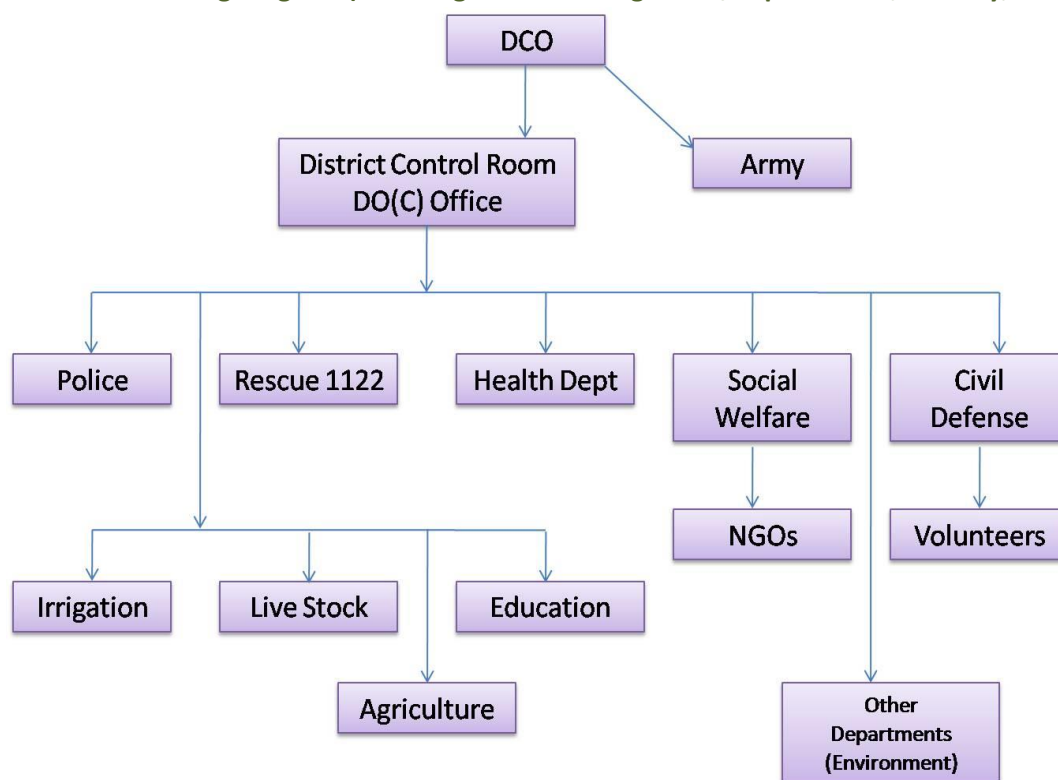


Union Council Map of District Kasur, Punjab, Pakistan



COORDINATION MECHANISM

Coordination Organogram (including Sector lead agencies/departments, Military, NGOs and Volunteers)



Powers and functions of District Disaster Management Authority under NDM Act 2010:

The District Authority shall be as the district planning, coordinating and implementing body for disaster management and take all measures for the purposes of disaster management in the district in accordance with the guidelines laid down by the National Authority and the Provincial Authority.

Without prejudice to the generality of the foregoing provisions, the District Authority may:

- prepare a disaster management plan including district response plan for the district;
- coordinate and monitor the implementation of the National Policy, Provincial Policy, National plan, Provincial Plan and District Plan;
- ensure that the areas in the district vulnerable to disasters are identified and measures for the prevention of disasters and the mitigation of its effects are undertaken by the departments of the Government at the district level as well as by the local authorities;
- ensure that the guidelines for prevention, mitigation, preparedness and response measures as laid down by the National Authority and the Provincial Authority are followed by all departments of the Government at the district level and the local authorities in the district;
- give directions to different authorities at the district level and local authorities to take such other measures for the prevention or mitigation of disasters as may be necessary;
- lay down guidelines for preparation of disaster management plans by the departments of the

Government at the districts level and local authorities in the district;

- g) monitor the implementation of disaster management plans prepared by the departments of the Government at the district level;
- h) lay down guidelines to be followed by the departments of the Government at the district level;
- i) organize and coordinate specialized training programs for different levels of officers, employees and voluntary rescue workers in the district;
- j) facilitate community training and awareness programs for prevention of disaster or mitigation with the support of local authorities, governmental and non-governmental organizations;
- k) set up, maintain, review and upgrade the mechanism for early warnings and dissemination of proper information to public;
- l) prepare, review and update district level response plan and guidelines;
- m) coordinate with, and give guidelines to, local authorities in the district to ensure that pre-disaster and post-disaster management activities in the district are carried out promptly and effectively;
- n) review development plans prepared by the departments of the Government at the district level, statutory authorities or local authorities with a view to make necessary provisions therein for prevention of disaster or mitigation;
- o) identify buildings and places which could, in the event of disaster situation be used as relief centers or camps and make arrangements for water supply and sanitation in such buildings or places;
- p) establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at a short notice;
- q) provide information to the Provincial Authority relating to different aspects of disaster management;
- r) Encourage the involvement of non-governmental organizations and voluntary social-welfare institutions working at the grass root level in the district for disaster management.
- s) ensure communication systems are in order and disaster management drills are carried out periodically; and
- t) Perform such other functions as the Provincial Government or Provincial Authority may assign to it or as it deems necessary for disaster management in the district.

District Plan:

- a) There shall be a plan for disaster management for every district of the Province.
- b) The District Plan shall be prepared by the District Authority having regard to the National Plan and the Provincial Plan.
- c) The District Plan shall be reviewed and updated annually.

Additional Powers of District Authority:

For the purpose of assisting, protecting or providing relief to the community, in response to any disaster, the District Authority may:

- a) give directions for the release and use of resources available with any department of the Government and the local authority in the district;
- b) control and restrict vehicular traffic to, from and within, the vulnerable or affected areas;
- c) control and restrict entry of any person into, his movement within and departure from, a vulnerable or affected area;
- d) remove debris, conduct search and carry out rescue operations;
- e) provide shelter, food, drinking water and essential provisions, healthcare and services;
- f) establish emergency communication system in the affected area;
- g) make arrangements for the disposal of the unclaimed dead bodies;
- h) direct any department of the Government of the Province or any authority or body under the Government at the district level to take such measures as are necessary in its opinion;
- i) require experts and consultants in the relevant fields to advise and assist as it may deem necessary;
- j) procure exclusive preferential use of amenities from any authority or person;
- k) construct temporary bridges or other necessary structures and demolish structures which may be hazardous to public or aggravate the effects of the disaster;
- l) ensure that the non-governmental organizations carry out their activities in an equitable and non-discriminatory manner; and
- m) Take such other steps as may be required or warranted to be taken in such a situation.

Revenue Department (Functions and Responsibilities)

In case of any disaster or calamity the head of the revenue department in the district i.e. the DC should ensure that the following measures and steps have been taken:

- Taking everyone on board is perhaps the most important thing to do. Regular meetings of DDMA should be held to clearly highlight the roles and duties of DPOs, EDOs, and XENs etc.
- Pre-flood meeting should be held and duties of all concerned officers and departments should be clearly defined and assigned.
- A district disaster management plan should be prepared using the set template and updated regarding any disaster or emergency that may strike the district.
- A focal person for the disaster or calamity should be nominated and his/her number should be communicated to all concerned departments.
- Proper stock taking should be done regarding available stocks of food and rations. Similarly stock regarding machinery and equipment should also be taken and inventories should be prepared. Out of order machinery should be repaired or replaced.
- Committees should be formed and constituted which will deal with various functions during a flood or emergency. Purchasing of food items, food, and machinery should all be done through committees.
- Identification of Low lying, medium and high vulnerability levels with flood level
- In case of evacuation the district administration should be very clear about the places where the relief camps or shelters will be established. Teams should be formulated which will look after these camps and will be in-charge for provision of tents, food, water and maintaining general law and order. Provision of cooked food is also to be ensured.
- Proper ware houses and stores should be made available for storing of aid and donated items that may be received from authorities such as PDMA, WFP etc. A committee should be constituted to look after the record of all the items in the store.

- Proper crop surveys or girdawaris should be conducted through the revenue officials so that crop damage assessment can be made after disaster or flood affects the district. These surveys will also help in determining the identity of the true owners as well.
- Post damage assessment should be carried out by joint teams constituted of patwaris, teachers, and agriculture field assistants. Technology should be involved and android sets should be used to gather accurate data.
- Round the clock active control rooms should be set up and the numbers be circulated to all concerned. The control rooms should be equipped with wireless, telephones and computers. All info gathered or received should be conveyed to the concerned. The control room should have representatives of concerned departments such as police, health, 1122, and revenue.
- Early warning is critical in saving lives. The local revenue officials along with local police should be deployed to warn the people against the oncoming disaster and to urge them to vacate the disaster prone areas and villages. Loudspeakers, mosque speakers and word of mouth should be used. Banners and posters can also be used.
- Data collection is of prime importance and the senior network administrator should be declared as the focal person for collection of relevant information such as number of casualties, damages to infrastructure, injured, perished livestock etc. for onward submission to PDMA etc.
- Mock exercises should be carried out along with all concerned departments specially 1122, Police, civil defense and Pakistan army regarding the action plan during any emergency or flood. This will give a fair idea about the preparedness of the district.
- Availability of vehicles should be ensured for use during any emergency especially off road vehicles like jeeps.
- Suitable locations should be identified for accommodating armed forces like the Pakistan army. Normally schools, colleges or stadiums are allocated for the armed forces

Checklist for Revenue Department:

- ☐ Survey of entire District (Preparation of Village level information by Patwari)
- ☐ Identification of Low lying, medium and high: vulnerability levels with flood level
- ☐ Liaison of Patwari with Numberdars of their respective villages
- ☐ Contacts of all revenue staff posted near river belts and their output in flood prone areas
- ☐ List of Numberdars with their contacts, volunteer from low lying settlements with contact numbers
- ☐ Prepare list of vulnerable villages and make an estimate of likely affected population in such villages in the event of flood
- ☐ Name and contact numbers of private boat owners and operators Announcement of Flood Warning at settlement level – Patwari responsible Forced evacuation with police
- ☐ Rapid assessment for relief goods and ration provision Coordination and reporting
- ☐ Carry out survey of entire flood affected areas to assess losses in collaboration with Agriculture, Livestock and Education Department
- ☐ Conduct crop damaged/ house damaged surveys

Tehsil / Town Municipal Committee

- Tehsil / Town Municipal Committee plays an important role of providing municipal services in the district including clean drinking water, sanitation facilities, maintenance of parks and removal of encroachment etc.

- Tehsil / Town Municipal Committee will provide assistance to the District Government for setting up and management of relief camps/ operations.
- TMAs are responsible for provision & restoration of water and sanitation facilities in their municipalities besides disposal of waste or rain water/sewerage.
- TMAs are equipped with trucks, water bowzers, and tractors, dewatering sets, bulldozers, loaders and dump trucks. All of these equipment are utilized to restore proper sanitary facilities, ensure the delivery of clean water and remove debris or excess water.
- TMAs sanitary workers can be employed for cleaning relief camps, or other such areas which has been affected by any disaster. TMAs employ de-watering sets to remove excess water. All TMAs are required to ensure the maintenance of all dewatering sets prior to the monsoon season. The TMA maintains a list of all the choking points where rainy water accumulates as a result of heavy storms which can cause urban flooding.
- TMA should ensure supply of clean drinking in overhead reservoirs and ensure supply to the affected areas or relief camps through water bowzers. Clean drinking water is a major issue and requirement during any disaster.
- In case of any disaster that requires people to be relocated, the TMA under the concerned Administrator i.e ADC/AC will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort the, the local TMAs manpower can be effectively used for the distribution of food and essential commodities among evacuated people or any other relief activity such as provision of cash compensation.

District Disaster Management Authority (DDMA)

- DDMA's are created under the NDM Act 2010 under Chapter IV Section 18 and the law defines their composition and also outlines their functions, duties and powers.
- District Disaster Management Authorities are the first line of defense and the implementing arm of the government policy and plans. Within the district there are three to four key players/departments that have to put up a joint and coordinated effort in order to fight with and handle any disaster under the leadership and coordination of the DCO. The office of the DCO fully supported by the DPO and line departments such as Health, Agriculture, Livestock, Civil Defense, 1122, TMAs and the Revenue Department form the main disaster management team within any given district. This plan is an effort to highlight their sets of responsibilities followed by the role of provincial departments.
- All district administrations had prepared a detailed contingency plan to face any disaster or hazard specially floods which until recently have become an annual affair for some districts.
- The district administration will divide the area as per district division with the Assistant Commissioner as in charge of his/her tehsil. All disaster related activities in a said tehsil will be coordinated through the concerned AC and the TMAs.
- On receipt of a flood warning, immediate warning will be conveyed to all the concerned officers. Immediate action will be taken in each sector / sub sector for evacuation of the population from risk prone areas to safer places or to Relief Camps. An Assistant Commissioner will ensure that announcements are made through loudspeakers of the mosques utilizing the services of the Revenue department. Each Patwari will inform the Numbardar, Headmaster of the School, Imam Masjid and councilors to make announcements etc.

- The tactical operations would be headed by the Additional District Collector (ADC). The ADC would be responsible for coordinating and supervising the disaster control and relief measures in the district.

- Provincial government had notified the following composition of DDMA's for whole of the province:

Deputy Commissioner (Chairperson)

- i. **Deputy Commissioner Kasur**
- ii. District Police Officer
- iii. Additional Deputy Commissioner (R)
- iv. Two Elected Representatives to be nominated by the Chair
- v. Representative of Pak Army
- vi. Two Representatives of NGOs/Civil Society to be nominated by the Chair
- vii. District Officer (Coordination)
- viii. ADC (F&P)

-
- ix. Chief Executive Officer (DHA)
 - x. Executive District Officer (Health)
 - xi. Executive District Officer (Education)
 - xii. Chief Executive Officer (DEA)
 - xiii. SP Special Branch
 - xiv. XEN Irrigation / Public Health
 - xv. District officer Civil Defense
 - xvi. Administrators of Tehsil Municipal Administrations
 - xvii. All Tehsil Municipal Officers in District
 - xviii. District Emergency Officer, Rescue 1122 (Secretary)
 - xix. Representative of Red Crescent
 - xx. Such other District level Officers to be appointed by District Government
- District Governments must establish a Disaster / Flood control room at the DCO's office, the numbers of which will be circulated to all concerned. The Disaster / Flood Control Room has to maintain updated information regarding the threat of disaster and statistics post disaster. The center will maintain a regular communication with the Flood Forecasting Division or the dam authorities up stream in case of a flood.
 - The District Government would immediately mobilize the equipment needed to tackle the challenges created by a disaster. The District Governments will provide a comprehensive list of flood fighting equipment to PDMA as part of their flood contingency plans.
 - Executive District Officer (Health) will ensure the availability of adequate medicines for treatment of common issues, particularly for snake and dog bite cases and general vaccines at each relief camp.
 - EDO (Agriculture) and DO Livestock would arrange fodder and feed supplement for livestock and animals displaced.
 - District Regional Transport Authorities (DRTA) in all 36 districts of Punjab are managed by Secretaries who would coordinate with local transporters to arrange for arranging transport required for evacuation of people from affected areas. In case of shortfall in transport in a particular district, the adjoining district would mobilize the transporters in his district to assist with the evacuation of people.

Role of Rescue 1122 in districts during disaster

- The immediate evacuation of people from the disaster prone and vulnerable areas.
 - Provision of immediate medical aid during any emergency and at the same time transporting the injured or sick to the nearby hospital through their team of ambulances.
 - In flood situations rescuing people from drowning in the strong currents is a specialty of 1122 as it has its own set of divers and boats. Similarly in case of collapsed buildings or structures the 1122 is equipped with heavy machinery to cut through heavy debris.
 - Apart from that responsible deployment of fire fighters, cordoning of hazardous areas, provision of first aid and medical treatment, immediate search and rescue of victims and management of the pre-hospital emergency system.
 - Rescue 1122 is well trained in setting up medical camps for provision of emergency medical treatment. These camps are setup by Rescue 1122's doctors and paramedic staff.
-

Pre-disaster Check list for DDMA

- Meeting of DDMA held
- Identification of vulnerable areas
- Identification of Safe places and Preparation of contingency plan

Bunds and encroachments visited

- Sites identified for relief camps Evacuation routes/plan
- Safe custody of Government records and essential equipment and their shifting to safer areas on receipt of flood warning
- Enlistment of department wise available resources
- Preparation of list of required relief goods/ items
- Involvement of Volunteers, NGOs and other CSOs
- Designation of Focal Person
- Preparation of District vulnerability map with varying degrees of floods
- Evacuation well in time from vulnerable areas
- Establishment of Camps – All services under one roof
- Flood warning and weather forecast: Loudspeakers announcements
- Establishment of control rooms
- Cancellation of all type of leaves of all employees Designation of Focal Persons
- Assignment of duties and responsibilities of all officers for flood emergency
- Preparation of Telephone Directories with the cell numbers of all the members of DDMA's and volunteers
- No leave during flood days; No official will leave station

Disaster Emergency Control Room (functions and responsibilities)

For any emergency Disaster Emergency Control Room is a permanently operative section of District Government. It is located in System Network Administrative (SNA) Office, District Complex Kasur. This office is well connected with functionaries by Multimedia and multiple communication mediums including Telephone, Wireless and Internet service. This office is responsible for reporting the updated situation to the District Government and Provincial Control Room.

The Actions are initiated to pass information to functionaries through the same office.

Checklist for Control Room:

- Dedicated Staff as per magnitude of the disaster
- Duty roaster of the staff
- 2 Dedicated telephone lines
- Dedicated Fax
- Wireless
- Internet and Email or any other source of communication □ Power backup

Checklist for Relief Camp Incharge:

- List of staff displayed with name and department teams will work in shifts
- Presence of representatives of all service providers i.e. Health, livestock, Rescue 1122, Civil Defense etc.
- No movement without the permission of Centre Incharge
- Each shift in-charge to contact District Control Room on arrival and then on departure
- In-charge will keep close liaison with SHO of the respective area
- No of affectees in camp (sick, aged and children) shall be communicated daily
- Availability of at least one emergency vehicle at center be ensured
- Keep record of private boat owners and their contacts details
- List of Doctors and private hospital in the vicinity
- List and contact of philanthropists in the vicinity
- Keeping record of donations coming directly to Centre and report the same to Tehsil and District Incharge.
- Centre Incharge shall ensure vaccination of animals and humans against Communicable diseases List of missing persons must be displayed at all Relief Camps

Role of Health Department

The public sector health delivery system comprises of four tiers and as such will continue to provide services at these four tiers during and after any disaster:

Outreach and Community Based Activities, which focus on immunization, sanitation, malaria control, maternal and child health, and family planning. Primary care facilities include BHUs, RHCs. THQs and DHQs provide inpatient and outpatient care. Tertiary care hospitals located in the major cities for more specialized care. In case of any disaster or calamity the health department will ensure that the following measures are in place;

- To provide first aid to the injured people and arrange evacuation of patients for further assistance.
- Medical camps and mobile health teams should be arranged for prevention and control of communicable diseases, immunization and provision of essential drugs.
- Health department would make a roster of all medical officers and paramedics that would be deployed to these camps and teams.
- Drugs and other medical equipment should be available at all these camps and with mobile teams. The medicine should be for relevant flood related issues, **Particularly Anti-snake venom, Anti-rabies.**
- The shelters or relief camps established by the district administration should have medical centers with ambulances and special facilities for women and children.
- An emergency control room will be established in the office of Directorate General Health Services and a representative of this emergency control room would be designated to PDMA's control room.
- A list of essential medicines would be prepared by the Health department and it would ensure that medicines and other resources are present in sufficient stocks in hospitals in disaster hit areas.
- Medical colleges may be involved to create Emergency Response teams
- Health department would also coordinate with international organizations such as WHO and UNICEF.
- Extensive disease surveillances in the disaster hit areas should be carried out warnings if needed be issued through the Disease Early Warning System. Medical teams and paramedic staff should be mobilized and deployed for rapid assessment and quick response in the affected areas.

- A contingency plan will be prepared and submitted regarding preparedness for any disaster or calamity.
- The National Disaster Management Authority has designated WHO as the key organization that will fill the gaps in the supply of medicines, rapid diagnostic kits, and vaccinations etc.
- The department would employ female health workers in emergency areas specially, for spreading awareness regarding health risks in a disaster and for any vaccination or immunization program that may be needed during any emergency.
- A Health and Nutrition Cluster for overall management and oversight of Health department's disaster response would be formed at the Directorate General Health office.
- In case the medicine stocks or even the infrastructure is damaged due to floods, the department would draw up a plan for early recovery of health infrastructure and service delivery.

Civil-Military Coordination Mechanism

The DC is responsible for all the coordination with Military. As the situation demands, the District Coordination Officer communicates and request for Mobilization and Demobilization of Army Troops through the procedure defined by the Provincial Government. District Government is responsible for facilitation of Army Troops deployed within Area of Emergency.

Livestock & Dairy Development

The Additional Director (Livestock) will ensure that the animals are vaccinated in area likely to be affected by the Floods before the Commencement of Flood season.

During the Floods, the Additional Director (Livestock) will ensure that adequate drugs and Veterinary Officers are available at the relief camps.

- Mobile Teams consisting of the following will be covering the Flood affected area.
 - a. Veterinary Officer 1
 - b. Veterinary Assistant 2
- For the livestock, affected by Flood, in Tehsil Kasur, Chunian and Pattoki services of Livestock Department will be utilized.

Food Department

The District Food Controller will ensure that adequate Atta is available on demand against payment for providing the same to the Flood affected persons.

LESCO

- The Executive Engineer LESCO will ensure that his staff is stationed in the village likely to be affected by Flood. The LESCO staff will disconnect the electricity before the Flood water reaches the area to avert any loss to life and property
- The Executive Engineer LESCO will also ensure timely restoration of electric supply accordingly

Information Department

- Coordination and close liaison with print and electronic media public message and local cable for flood warning, print and electronic media issue handouts regarding flood losses without creating panic while working in collaboration with District Flood Incharge.
- Issue hand outs to counter disinformation. wrong report to TV /Radio/Press and clarify the situation
- Assist District Flood Coordinator in holding press conference on daily flood situation

- After declaration of flood alert, furnish the press cuttings of flood related news to the District Flood Coordinator at 9 AM on daily basis.
- Projection and dissemination of Govt Rescue, Relocation, Relief, Rehabilitation and reconstruction efforts
- Close liaison and coordination with all Govt. Departments/ offices
- Establish of media desk during disasters and emergencies

Irrigation Department

Before disaster

- Equip irrigation department to mitigate floods and droughts with technical & managerial capacity and modern gadgetry and practices.
- Ensure development & maintenance of flood protection systems in the pre-flood season.
- Inspect and ensure the proper functioning of all the irrigation installations in the district.
- Identify the most vulnerable points of irrigation canals & headwork's in the district and takes corrective measures.
- Forge inter and intra departmental coordination mechanism, including coordination close with DC, DDMA, NGOs and PMD district office and share the information/updates about emergency with all the stakeholders.
- Demonstrate/assist & train local communities facing localized or regional droughts on cheaper rain water harvesting and storages techniques.
- Educate and train the drought affected communities on water use efficiency techniques/good irrigation practices.
- To establish a mechanism of early warning transmission, up and downstream across communities and establish special flood warning centers at UC level, with support of district administration and CSOs.
- Develop and regularly review the district level plans on water management.
- Prepare departmental contingency plan and circulate it among stakeholders before onset of Monsoon.
- Identify and discourage encroachment(s) of various water ways, with the help of other district authorities.
- Closely monitor discharge rates in the major water bodies, passing through the district and for this purpose and optimize functionality of the installed gauges.
- Arrange protection material such as sand-bags, stones, machinery, human resources and other material to be used at the time of need especially before the onset of moon soon.

During disaster

- Ensure establishment and operationalization of Flood Control Cell (FCC) in proper order.
- Keep liaison with field staff, Provincial Irrigation Department and district authorities
- Institutionalize regular patrolling of vulnerable points/ irrigation canals and breach sites to warn the potential victims on time.
- Create and disseminate flood situation reports among the stakeholders

After Disaster

- Do stocktaking exercise of disaster affected areas and examines all the existing flood protection systems like protection walls, spurs studs and head works of the irrigation canals.
- Estimate and collect damages data and do need assessment in terms of repair/maintenance; and disseminate the information to the relevant stakeholders for securing needed resources.
- Coordinate repair work of the damaged irrigation infrastructures.
- Prepare a sectorial specific recovery plan.

Education Department

Before disaster

- Conduct MHVRA for all education facilities, map all the educational facilities and identify structural vulnerabilities such as hazard-prone location, dilapidated condition, risks involved, and other secondary threats that may cause severe problems to educational facilities in case of a disaster

- During the construction of new school buildings or any other education facility, proper designing keeping in view the need of People with Disabilities (PWD) should be incorporated in the structure.
- Information about the existing hazards and risks in the district and the mitigation measures can be compiled in simple language, and share it with teachers and students at all levels (primary & secondary schools, colleges). The ultimate objective should be to incorporate inclusive DRR into school curriculum.
- Prepare Emergency Response Plan and DRR Plan for education facilities and arrange regular drills and exercises during pre-disaster phase.
- Gather information about me /NGOs working in the district in the education sector and make sure they mainstream DRR aspect into their project activities.
- Identify educational facilities that can be used as temporary evacuation centres for displaced population during or after any disaster. It is important that the identified facilities have water, proper sanitation and latrines facilities.
- Engage active student through Girls Guide, Scout Teams, and Parent Teacher Council (PTC) and conduct regular trainings on emergency response management for students, teachers and parents.
- Identify safe evacuation place in the school and in collaboration with other actors such as PTC, Civil Defense and I/NGOs, organize regular emergency response and evacuation drills with students and teachers.
- Promote the spirit of volunteerism amongst students through awareness raising and training sessions so that they become a useful resource for local communities in times of disasters.
- Build capacities of teachers in a way that they are able to prepare and implement disaster response plan for their respective educational facility.
- Educational facilities related data should be maintained and updated on regular basis along with data about those who are more vulnerable that include children under age of 10 and special persons.
- Teachers can be used for mass awareness and capacity building of the vulnerable groups through education & trainings and can disseminate messages by using students as a medium.

During Disaster

- Mobilize teachers and student volunteers to assist in the search & rescue operations to be followed by setting-up emergency evacuation and relief camps at already identified educational facilities.
- In case of flood, inform teachers of those schools where the water can probably hit the school building and cause damages. This information will help teachers to take any emergency preparedness measures with support from local communities.
- Conduct preliminary damages and needs assessment and submit flash reports to higher authorities, DDMA and DC office.
- Temporary shelters in the form of school's buildings can be provided for displaced population during disaster, having water supply and latrine facilities available mostly in the buildings. Teachers can be used as valuable working force for smoothly running of the emergency operating centers established at evacuation sites.

After Disaster

- Undertake a detailed assessment of damages inflicted by disaster to the educational facilities. On the basis of this report, determine short, medium and long-term needs of the education sector in the district.
- Plan and provide provisional assistance on education after a disaster to ensure continuity of learning.
- Rehabilitation and restoration of damaged educational facilities should be given high priority.
- Nonstructural activities including preparedness, trainings, drills, awareness campaign and celebration of commemoration day in the schools should be continued.

Civil Defense Department

Before Disaster

- Render first aid, fire safety and rescue trainings to communities, individuals and organizations in the peacetime.
- Develop and emergency evacuation plan and conduct regular drills and exercises.
- Create community awareness on public safety.
- Recruit/induct operational staff for search and rescue teams with required specialized skills and equipment.

- Ensure provision of trained rescue workers / Raza Kars and First Aid staff.
- Educate and train volunteers on DRR, emergency response management including first aid, Search and rescue, emergency evacuations and protection procedures against poisonous gases, chemical/biological/radiological explosions or attack.
- Participate in emergency drills with other stakeholders.

During Disaster

- Undertake search & rescue activities immediately after a disaster. To do it in more efficient manners, coordinate with other district departments in order to reach to the needy and more appropriate place.
- Render first aid to injured persons and transport them to nearest hospitals/dispensaries.
- Ensure evacuation from damaged buildings/structures including demolition of damaged structures to avoid further loss of life and properties.
- Assist in debris clearance and restoration of essential services to the affected buildings.
- Search and defuse unexploded bombs in the affected areas.
- Work with the Fire Brigade in rescue and first aid operations related to fire and other rescue incidents.

After Disaster

- On the basis of the response activities that performed, make a detailed assessment of the capacities of the department and identify gaps and requirements.
- Prepare a plan of action for the department and start resource mobilization accordingly.

Police Department

Before Disaster

- Prepare details of inventory available at each police station that may be used during any disaster or emergency.
- Prepare and update regularly the contact information of staff, and always make sure that the main phone exchange and the wireless system works properly.
- Prepare Contingency and DRR plan for the department.
- Working with the Pakistan Meteorological Department and DC office, support in dissemination of warning to the affected communities.
- Support District Government Authorities in the process of evacuation to safer places.

During Disaster

- Ensure to maintain law and order situation during any disaster situation in the affected areas.
- Ensure security measures at evacuation points, in evacuated areas, at relief centers and godowns.
- Provide assistance in emergency warning, rescue, relief and evacuation operation.
- Ensure that over-loaded trucks are not coming/going to disaster affected areas.
- Divert traffic where necessary to keep the emergency relief operations going smoothly.
- Ensure security of humanitarian workers who perform duties after any disaster.
- Prevent harassment of women and children during any emergency.

After Disaster

- Keep order and prevent obstruction on public places.
- Aid and cooperate with other agencies for the prevention of destruction of public property by violence, fire or natural calamities.
- Provide assistance to victims of road accidents.
- Protect life and property of citizens.
- Preserve and promote public peace.

Social Welfare & Community Development Department

Before Disaster

- Develop disaster risk management plan and contingency plan with regards to the mandate of the department.
- Raise awareness of staff of the department about special vulnerabilities and capacities of women and children with relation to disasters.

- Encourage involvement of women and PWDs in disaster risk management activities.
- Promote awareness amongst women and PWDs in hazard-prone areas about disaster risks and disaster preparedness.
- Develop capacities of women's, PWDs and Children focused organizations on disaster risk and emergency management.
- Ensure that needs of women survivors are addressed in post disaster situations during the relief rehabilitation and reconstruction phases.
- Properly plan and provide shelter to the affected women, beggars at DarulKafala, Drug rehabilitation, special education, blind institute, disable registration, child protector and other socially excluded groups.
- Promote awareness regarding the children rights.

During Disaster

- Facilitate participation of women and PWDs in the management of relief, rehabilitation and reconstruction activities.
- Use of emergency phone numbers helpline for Child protection during disaster.
- Provide shelter provision to affected women, support in damages and needs assessment of the affected area, service provision through reformal, shelter provision to missing unaccompanied children's.

After Disaster

- Support post-disaster rehabilitation of livelihoods of women survivors, which is mostly in the informal sector and is ignored many times.
- Support the district government and PDMA for re-unification of missing unaccompanied children, women, PWDs, rehabilitation of families, psychosocial support provision

Works & Services Department

Before Disaster

- Develop district guidelines for safer construction of government buildings and infrastructure in hazard-prone areas multi hazard approach.
- Ensure DRR checklist of PC-1 has been seriously implemented in all new schemes.
- During the construction of any new buildings, proper designing keeping in view the need of People with Disabilities (PWD) should be incorporated in the structure.
- Develop sample designs of government buildings, high-rise buildings and infrastructure (bridges, roads) for safer construction in hazard-prone areas.
- Ensure environment impact assessment studies has been conducted for all new schemes
- Conduct training of builders, contractors and masons on safer construction methods and provide guidance on adopting inclusive DRR measures during the construction.
- Monitor construction of government buildings and infrastructure in hazard prone areas to ensure that safer construction techniques are followed.
- Incorporate disaster risk assessment in the planning process for construction of new roads and bridges.
- Construct, maintain and repair district and rural roads, bridges, tunnels and causeway etc.
- Prepare a disaster risk management plan and contingency plan with relation to departments programs and mandate.
- Develop guidelines on conduct of damage and loss assessment to infrastructure and government buildings in the wake of a disaster, and conduct assessments after disasters.

During Disaster

- Send information to other district departments on road conditions especially regarding blocked or impassable roads after a disaster.
- Ensure draining the flood water from roads and remove debris from under the bridges for smooth flow of water.

- Monitor disaster situation (in case of flood and landslide) with regard to roads and coordinate with other district departments for transporting relief items to affected areas.

After Disaster

- Undertake a detailed assessment of damages of government buildings, roads infrastructure including bridges, culverts, etc.
- Prepare a report of damages to be shared with the district and provincial authorities along with budget requirements for the rehabilitation and reconstruction of damaged/destroyed infrastructure.

Public Health Engineering (PHE) OR Building Department**Before Disaster**

- Repair and maintenance of the structure in command areas.
- Prepare contingency plan highlighting resources available with the organization.

During Disaster

- Collect damages data and prepare report for onward submission.

After Disaster

- Rehabilitation of the damaged infrastructure, including protection walls, retaining walls, check dams, water ponds, surface water tanks, land leveling, field terracing, small dams, spurs etc.

Pakistan Army**Before Disaster**

- In consultation with NDMA, PDMA and other line department, identify areas that are most likely to be impacted in case of a disaster.
- Accordingly, prepare and upgrade necessary equipment, manpower and other necessary material to be used / deployed immediately after a disaster.
- Conduct regular capacity building programs for soldiers so that they are able to carry out emergency relief activities effectively.
- Evacuate people to safer areas and designated evacuation centers before and after a disaster.

During Disaster

- Provide search and rescue services where needed.
- Evacuate people to safer areas and evacuation centers with focus on giving priority to women, children and PWDs
- Close liaison with the District Government and Disaster Management Authorities and if required establish emergency relief centers and provide disaster victims with lifesaving food, shelter and health facilities.
- Install temporary bridges where appropriate to ensure mobility of affected population and smooth transportation of relief items.
- Provide logistic back-up in terms of trucks, boats, helicopters etc. to the civil administration, if need be.

After Disaster

- Supplement early recovery efforts of civilian administration and the humanitarian community.
- Reconstruct / repair roads and bridges at important locations.

Private Sector (NGOs, and Pakistan Red Crescent Society, etc.)**Before Disaster**

- Conduct MHVRA at the Tehsil/UC/village levels according to the standard procedure set by the PDMA/NDMA under the supervision and with close coordination with the DDMA.
 - Develop DM Plans at all level and share with the DDMA for coordination and implementation.
 - Mobilize communities and develop local level capacities for early warning, disaster preparedness and response.
 - Support DDMA in establishing the Tehsil/UC/Village level DM Committees according to the set criteria of the PDMA.
 - Provide all necessary trainings, conduct drills/exercises and provide necessary equipment to the DRR committees with the close coordination of the DDMA.
-

- Participate in disaster risk management activities such as training, public education, damage assessment, rehabilitation and construction projects in hazard prone areas.
- Implement programs for community vulnerability reduction; e.g. strengthening livelihoods, safer construction practices, drought mitigation, etc.
- The Pakistan Red Crescent Society is to assist the district government in crises, emergencies and disasters. The main activities of the Society are relief work during and after conflict, disaster relief and supplementary health and welfare services, which include a wide range of activities for the less privileged and marginalized people in both urban and rural areas. The Society provides ambulance and search and rescue service at times of emergencies in addition to capacity building of volunteers, CBOs, and district government officials.

During Disaster

- Facilitate local authorities in emergency relief operations (search & rescue, establishment of evacuation/relief camps, food distribution to displaced, provision of health services, etc.)
- Establish information management centers at evacuation/relief camps with close coordination of the DC office and the DDMA.

After Disaster

- Mobilize disaster affected communities for early recovery and rehabilitation efforts.
- With the support of DM committees, assess Tehsil/UC/Village level damages/losses and needs and contribute it to the district government's data.
- Prepare village level early recovery and rehabilitation plans and mobilize resources for their implementation.
- Provide emergency livelihood support to communities in terms of providing agriculture inputs, conditional cash grants, etc.
- Work on promoting community based disaster risk management.

Agriculture Department

Before Disaster

- Keeping in mind the most significant hazards in the district, undertake a field exercise of risk assessment to identify vulnerabilities and risks vis-à-vis food security, agriculture activities such as cropping patterns in the face of climate change, and the livestock/dairy/poultry. This exercise should also look into the possibility of likely damages / losses which might occur in the wake of any disaster to all the sub-sectors of the Agriculture department. The outcome of the exercise will be an informed and practical DRR plan of the department.
- Establish and maintain farmers' groups to raise their level of awareness with regards to issues falling under the overall mandate of the department. The farmers' group may also be trained on basic disaster preparedness and response skills. They can potentially become extremely useful during disaster situations in their respective areas
- Prepare departmental contingency plan and organize regular drills/simulation exercises
- Maintain emergency stock of vaccination, fodder and seeds etc.
- Creating community seed banks at the Union Council level is a very viable option to support the small farmers with minimum seeds requirements after any disaster to enable them to resume and regenerate agriculture based livelihood activities.
- Mass awareness regarding epidemics and diseases to livestock, poultry and crops. Regular vaccination is an effective tool to prevent diseases.
- Regular surveillance of water sources, which may be damaged or cause flooding in monsoon.

- Close coordinating with Pakistan Meteorological Department and media to ensure that early warning messages are appropriately relayed / disseminated to hazard prone communities. It will help people to plan for sowing/planting and harvesting crops accordingly.
- Arrange different trainings on impact of global warming and climate change and adoptability of agriculture crops and enhance the productivity for the formers
- Promote adoption of flood and drought resilient crops through research and dissemination to farmers with the help of agriculture extension workers.

During Disaster

- Immediately, start interacting with DDMA/DC office for coordinating emergency response activities.
- Make available all the technical and material resources to be made part of relief efforts.
- Carryout agriculture sectors damages/losses and needs assessment and prepares flash report for response.
- Help other relevant departments in establishing relief camps in safe places.
- Arrange feed and fodder for surviving livestock.

After Disaster

- Prepare detail report of agriculture sector damages/losses and needs and submit it to DDMA/DC office for onwards transmission to PDMA/NDMA.
- Repair and rehabilitation of water sources to ensure that agriculture activities are resumed as early as possible.
- Livestock vaccination.
- Ensure foods and fodders availability.
- Provision of seeds, fertilizers and other agri-inputs/implements to farmers as disaster early recovery support.
- Document lessons learnt and revise the departmental contingency and DRR plan accordingly.

Volunteer Network

DDMA & 1122 along with civil defense Kasur for operating a network in District Kasur. 72 Volunteers have been registered from Rescue 1122, Social Welfare and Civil Defense in the district. The head of Rescue 1122, Civil Defense and Social Welfare will activate their respective Volunteers, assigned their duties and issue their deployment plan as per need and nature of emergency. All respective department will coordinate in the district to meet any emergency disaster.

RISK ANALYSIS

1. Potential hazards of the district

Hazards	Likelihood (Score 1-5)	Impact (Score 1-5)	Risk
Floods	3	3	9
Urban Flooding			
Flash Floods			
Hill Torrent			
Glacial Lake Outburst Flood (GLOF)			
Landslide			
Tornado			
Earthquake	3	3	9
Drought	3	3	9
Epidemic	2	2	4
Fire Incidents	3	3	9
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	2	2	4
Environmental Hazards (industrial accidents, severe pollution etc.)	4	3	12

Risk = Impact x Likelihood

Low : 1-7

Medium : 8-14

High : 15-25

2. Hazards

- *Disasters occurred over the past two to three decades and their impact on communities and development sectors*
- *Provide a brief description of the hazards being planned for (medium and high risks), including potential location that could be affected;*
- *Briefly outline the triggers*

Hazard mapping plans Risk reduction plans at Village and Union Council level are readily available with District Disaster Management Forum Kasur. Which may be available to District Disaster management Authority (DDMA)

Response & Operational Capacity

Briefly describe the existing response capacities in District (including government and NGO partners)

At Government level DDMA, Rescue 1122 and Civil Defense have their plans ready, needs and shortfalls have been identified in their plans, duly communicated to competent authorities. Other line departments act according to instructions received from Flood Control center, all NGO working in the district response strategy is shared with district Govt.

Strategic Reserves Rescue 1122

Sr.	Item	Total No. of Items	Nature		Functional	Non-Functional	Repairable	Non-Repairable
			New	Old				
1	Pneumatic Boat	4	1	3	2	2	2	-
2	Fiber Glass Boat (19 ft)	22	-	22	3	19	19	-
3	Fiber Glass Boat (24 ft)	07	-	7	-	7	7	-
4	OBM 25 HP	01	-	1	-	1	1	-
5	OBM 30 HP	02	-	2	-	2	2	-
6	OBM 40 HP	22	2	20	7	13	13	-
7	OBM 45 HP	01	-	1	-	1	1	-
8	OBM 48 HP	01	-	1	-	1	1	-
9	OBM	04	-	04	-	4	-	4
10	Life Jacket	550	250	300	450	100	100	-
11	Life Ring	56	-	56	36	20	20	-
12	Scuba Set	05	-	05	4	1	1	-
13	Tent	40	-	40	20	10	10	10
14	Plastic Mat	40	-	40	20	20	-	20
15	Generator with light stand set	04	1	3	4	-	-	-
16	Boat Trolley	02	-	2	1	1	1	-

CIVIL DEFENCE OFFICE KASUR

S/No	Name of item	Total No of items	Nature		Functional	All Accessories	Non Functional	Repairable	Non Repairable
			New	Old		Complete			
1	Blanket	33	-	33	Yes	-	2	-	-
2	Tent	26	-	26	Yes	-	10	-	-
3	Helmets	35	-	35	Yes	-	-	-	-
4	Life Rings	2	-	2	Yes	-	-	-	-
5	Leif Jackets	4	-	4	Yes	-	-	-	-
6	Rope various size	51	-	51	Yes	-	-	-	-
7	Rescue Bag	1	-	1	Yes	-	-	-	-
8	Jumping Sheet	1	-	1	Yes	-	-	-	-
9	Shovels	56	-	56	Yes	-	-	-	-
10	Water Buckets	40	-	40	Yes	-	-	-	-
11	Gum Boots	6	-	6	Yes	-	-	-	-
12	Generator	1	1		Yes	-	-	-	-
13	Mega Phone	1	-	1	Yes	-	-	-	-

MUNICIPAL COMMITTEE KHUDIAN									
Sr. No	Item Name	Total No. of Items	Nature		Functional	All Accessories Complete	Non-Functiona l	Repairable	Non-Repairable
			New	Old					
1	Water Bowzer	2	0	2	2	Yes	0	0	0
2	Spray Machine	2	1	2	2	Yes	0	0	0
3	De-watering Sets	2	0	2	2	Yes	0	0	0
District Government Kasur									
Sr. No	Item Name	Total No. of Items	Nature		Functional	All Accessories Complete	Non-Functiona l	Repairable	Non-Repairable
			New	Old					
1	Tent	59	-	59	29	-	30	-	30
2	Blankets	105	-	105	-	-	105	-	105
3	Plastic Mat	52	-	52	30	-	22	-	22
MUNICIPAL COMMITTEE KOT RADHA KISHAN									
Sr. No	Item Name	Total No. of Items	Nature		Functional	All Accessories Complete	Non-Functiona l	Repairable	Non-Repairable
			New	Old					
1	Water Bowzer	1	0	1	1	Yes	0	0	0
2	Spray Machine	1	1	0	1	Yes	0	0	0
3	Fog Machine	1	0	1	1	yes	0	0	0
4	De-watering Sets	2	0	2	2	Yes	0	0	0
5	Sub-mercible Pumps	2	2	0	2	Yes	0	0	0
MUNICIPAL COMMITTEE CHUNIAN									
Sr. No	Item Name	Total No. of Items	Nature		Functional	All Accessories Complete	Non-Functiona l	Repairable	Non-Repairable
			New	Old					
1	Water Bowzer	1	0	1	1	Yes	0	0	0
2	Water Tanker	4	0	4	4	Yes	0	0	0
3	Generat or	1	0	1	1	yes	0	0	0
4	De-watering Sets	5	0	5	5	Yes	0	0	0

MUNICIPAL COMMITTEE PATTOKI									
Sr. No	Item Name	Total No. of Items	Nature		Functional	All Accessories Complete	Non-Functiona l	Repairable	Non-Repairable
			New	Old					
1	Water Bowzer	3	1	2	3	Yes	0	0	0
2	Fog Machine	3	0	3	3	Yes	0	0	0
3	De-watering Sets	5	4	1	5	Yes	0	0	0
5	Sub-Mercible Pumps	3	3	0	3	Yes	0	0	0
MUNICIPAL COMMITTEE PHOOL NAGAR									
Sr. No	Item Name	Total No. of Items	Nature		Functional	All Accessories Complete	Non-Functiona l	Repairable	Non-Repairable
			New	Old					
1	De-watering Sets	3	1	2	3	Yes	0	0	0
2	Chlorinat ors	7	0	7	7	Yes	0	0	0
3	Fog Machine	1	0	1	0	Yes	0	0	0
4	Sucker Machine	1	0	1	1	Yes	0	0	0
5	Jetting Machine	1	0	1	1	Yes	0	0	0
6	Spray Pumps	2	0	2	2	Yes	0	0	0
MUNICIPAL COMMITTEE KHUDIAN									
Sr. No	Item Name	Total No. of Items	Nature		Functional	All Accessories Complete	Non-Functiona l	Repairable	Non-Repairable
			New	Old					
1	Tractors	2	0	2	2	Yes	0	0	0
2	Water Bowzer	2	0	2	2	Yes	0	0	0
3	Loader Ricksha w	3	0	3	3	Yes	0	0	0
4	Spray Machine	2	0	2	2	Yes	0	0	0
5	Fog Machine	1	0	1	1	yes	0	0	0
6	De-watering Sets	2	0	2	2	Yes	0	0	0

MUNICIPAL COMMITTEE KANGAN PUR									
Sr. No	Item Name	Total No. of Items	Nature		Functional	All Accessories Complete	Non-Functiona l	Repairable	Non-Repairable
			New	Old					
1	Water Bowzer	2	0	2	2	Yes	0	0	0
2	Spray Machine	1	0	1	1	Yes	0	0	0
3	De-watering Sets	2	0	2	2	Yes	0	0	0
MUNICIPAL COMMITTEE ELLAHABAD									
Sr. No	Item Name	Total No. of Items	Nature		Functional	All Accessories Complete	Non-Functiona l	Repairable	Non-Repairable
			New	Old					
1	Water Bowzer	2	0	2	2	Yes	0	0	0
2	Spray Machine	1	0	1	1	Yes	0	0	0
3	De-watering Sets	14	0	14	14	Yes	0	0	0
DISTRICT COUNCIL KASUR									
Sr. No	Item Name	Total No. of Items	Nature		Functional	All Accessories Complete	Non-Functiona l	Repairable	Non-Repairable
			New	Old					
1	Water Bowzer	2	0	2	2	Yes	0	0	0
2	Loader Riksha	2	0	2	2	Yes	0	0	0
3	De-watering Sets	4	0	4	4	Yes	0	0	0

13. Gaps and Constraints

- Communication gap is major issue during emergency / disaster between DEOC and the affected areas there must be a strong wireless communication for information timely decisions and coordination among the department.
- Transportation of staff at the location of disaster.
Non availability of proper heavy and latest equipment's for search and rescue the victims specially in building collapse / earthquake and drowning cases
 - Major obstacles to providing humanitarian assistance Non accessibility of roads
 - Security issues
 - Logistic obstacles faced by District Govt time to time different sort of equipment as mentioned above is missing and request sent to concerned office technical man power is another bottle neck especially at the time of disaster.

Mitigation Strategy

- Briefly describe what measure could be taken to reduce the impact of the potential disaster.
- Strategic pre-positioning of available relief stocks
- Public education and community awareness

Hazards	Mitigate Actions	Responsible Department
Floods	i. Strengthening of embankment with stone pitching and repair of embankment where local people cut down the embankment for ways or any other purpose. ii. Awareness Raising iii. Community Based Disaster Risk Reduction iv. Emergency Response Kits at Village Level v. Periodic Multi Hazard Vulnerability and Risk Assessment (MHVRA) studies vi. Enforcement of Flood Plain Regulations vii. Clear roles and responsibilities in pre flood, during flood and post flood scenarios viii. Identification of evacuation and relief sites ix. Implementation of PDMA guidelines regarding flood x. Establishment of Control Rooms by all concerned xi. Regular DDMA meetings xii. Rescue 1122 to submit their plan including CERT team deployment xiii. Readiness certificates submission by all concerned xiv. Timely updating of list of private boats and volunteers by ACs, Rescue, Civil Defense, Social Welfare etc. xv. Pre flood/monsoon contingency preparation by all concerned as per PDMA requirements xvi. Timely inspection of sites for relief camps and ensuring their suitability xvii. Timely vaccination of flood prone areas by health and Livestock department - xviii. Updating of list of relief camp in charges and sector in charges etc. xix. Inspection of buildings during and after flood xx. XEN Highway to ensure breaches of respective roads xxi. Mobile teams of Health and Livestock department xxii. Disconnection of electricity of flood areas and timely restoration - xxiii. Involving NGOs in all stages of flood preparation xxiv. Ensuring availability of Ata by Food Department xxv. Arrangement of fodder, husk, seeds, pesticides, fertilizers and medicines in adequate quantity by Livestock and Agriculture departments xxvi. Inspection of Flood Bunds and structures - xxvii. Arrangement of Mock Exercise by Rescue 1122 involving all stakeholders - xxviii. All department will ensure that the guide lines for prevention, mitigation, preparedness and	• Irrigation and Revenue Department • DDMA • Recue 1122 • Civil Defense • Social welfare • Health • Education • Livestock Department • Agriculture Department • Buildings Department • Highway Department • LESCO • Police Department • MCs • DFC Information Department

	response measures as lay down by national authority and provincial authority are followed in latter at spirit. xxix Tree plantation in flood prone areas Xxx Get the people of flood prone areas aware regarding the importance embankment. xxxi. Construction of embankment where it is still not constructed	
Earthquake	- Compliance of seismic provisions of Building Codes of Pakistan as a minimum standard for existing and new construction - Conduction of Evacuation Mock Drills at public and private institutions. - Deceleration of dangerous buildings - Multi Hazard Vulnerability and Risk Assessment (MHVRA) study - Earthquake emergency related Rescue equipment and machinery are available and are in functional condition - Periodic mock exercises have been conducted to test equipment and machinery. - Also ensure that human resources equipped with desired skills required to deal with earthquake emergencies are available in the district. - Various drills and exercises along with awareness campaigns in community, schools and colleges	• MCs • C &W Department • Education Department • Rescue 1122 • Civil Defense • Education Department • Health Department • DDMA • Information Department • Building Department • TMA
Drought	- Encourage high efficiency irrigation practices by use of drip Bubbler, sprinkler irrigation etc. - Desertification trends be dealt with practices like sand dune fixation and shelterbelts plantations. - Protection Walls - Stoppage & reduction of irrigation induced seepage salinity & water logging, in the whole Thal area, which due to irrigation induced seepage of Chashma – Jhelum Link Canal (Non-lined Kacha Canal in the sandy area of Thal desert) - Awareness of drought mitigation technologies, actions and interventions for farmers - Introduction of drought and heat resistant arid zone crops that are tolerant to reduced rain spells and are less prone to insects and pest attacks. - Measures to save livestock. viii. Multi Hazard Vulnerability and Risk Assessment (MHVRA) study - Drought Contingency Plans at Tehsil and District level x. Clear roles and responsibilities for drought mitigation and response	• Agriculture Department • Forest Department • Civil Society Organizations • Water Management • Forest Department • Irrigation Department • Livestock Department • DDMA • Information Department

	ix. Encouraging cultivation of drought resistant crops	
Locust	i. Ensuring implementation of national and provincial action plans. ii. Regular preparation and updating of yearly Locust Control Contingency Plan and submission to the quarters concerned. iii. Effective coordination mechanism. iv. Nomination of Focal Persons. v. Formation of surveillance committees at District, Tehsil and UC levels. vi. Feedback and Monitoring Mechanism vii. Regular survey and awareness activities in the farming community. viii. Mega seminars at District and Tehsil levels. ix. Maintaining proper stock of pesticides during the year x. Capacity Building and trainings for the concerned HR xi. Mock Exercises. xii. Training of farmers on locust control and corner meetings in villages	• Agriculture Extension Department • Pest Warning and Quality Control of Pesticides(PW&QCP) Department • Revenue Department. • DDMA • LG&CDD • MCs • Information Department
Epidemics	i. Preventive Actions ii. Awareness campaigns on regular basis iii. Medical Treatment of patients iv. Ensure 100 percent vaccination of the target group v. Convene regular meetings of all concerned departments to remain current and updated and plan for future course of action	• Health Department • MCs • District Government • DDMA • Information Department • TMA
Fire Incidents	i. Mock exercise, trainings, equipment ii. Installation of fire hydrants at narrow streets iii. Ensure installation of fire extinguisher at shops, offices and markets. iv. MCs should ensure that there is no encroachment V. On the way to potential fire prone buildings which can hinder firefighting operations. vi. Ensure that all building / potential vulnerable points have escape route for residents / workers in case of fire emergency vii. Ensure that fire extinguishing equipment is available and in functional condition and all security / firefighting teams know their location viii. Ensure that security staff / firefighting staff is well trained and physical and medically fit to combat fire in case of emergency. ix. Ensure that residents / workers of building and flashpoints are aware of emergency SOPs (to be followed in emergency situation) and know escape route x. Ensure that all equipment and material required to combat fire with rescue department is ready, in order, functional and firefighting team is trained and all members are physically and medically fit to xi. Combat fire.	• RESCUE 1122 • Civil defense • MCs • DDMA • Health Department • District Wildlife Department • Information Department

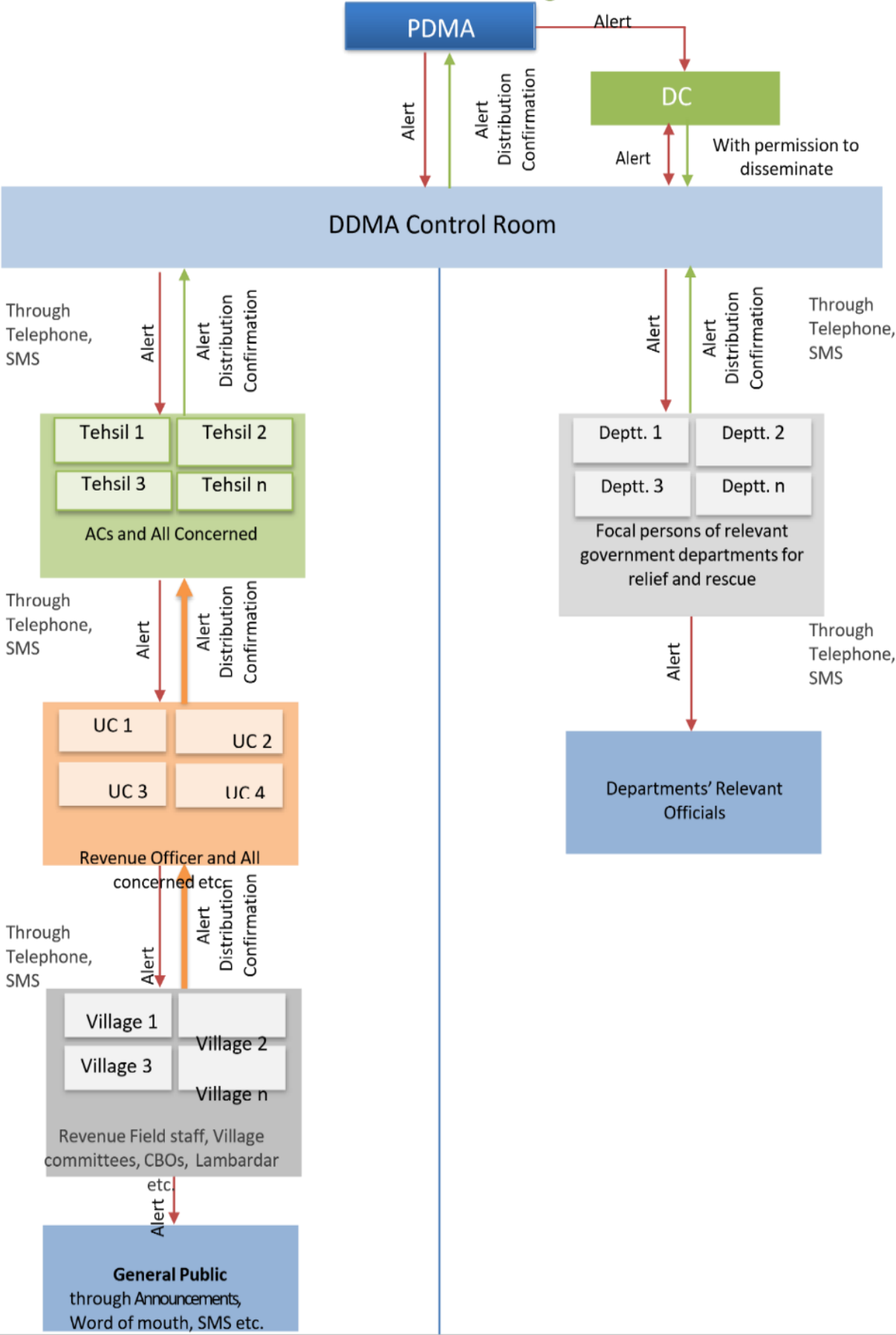
	xii. Ensure that that health department has made all necessary arrangements (inclusive of human resources, equipment and medicines etc.) to deal with burn cases resulting from fire break out. xiii. Ensure that mock drills have regularly been conducted and firefighters are aware of the potential threats of fire emergency in their area (involving all stakeholders Rescue, Health, DDMA's etc.) xiv. DDMA should convene periodic meeting with all owners of such building periodically and inspection teams should visit all tall building, flash points (petrol and gasoline station) to ensure that all precautionary measures have been taken and fire extinguish equipment is available (functional) and staff is trained. xv. Should also include forest department in all meetings and operations xvi. Capacity building of volunteers/Raza Kars on rescue and relief mechanisms during fire incidents xvii. Provision of adequate fire mitigation equipment to different tehsil headquarters for prompt action xviii. Mobilization of ambulances and vehicles	
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	i. First aid and RESCIE trainings Infrastructure maintenance basic life supports trainings, installation of cautionary & informative sign boards and reflecting polls at roads/highways ii. Installation of reflectors at slow moving vehicles checking of vehicles certification / clearance certificate.	• Rescue 1122 • Health Department • Highway Police • Traffic Police • DRTA • DDMA • Information Department • District Government
Smog	i. Close monitoring by Environment Protection Department. Shutting down of industries which are working without emission control equipment's or are using substandard fuel. ii. Imposition of ban on burning municipal wastes and crop residues. Awareness campaign among farmers regarding that and for environmentally safe disposal of crop residues. iii. Agriculture department to prepare, share and implement plan of disposal of crop residues. iv. Municipal corporations to ensure efficient collection and disposal of solid waste. v. Issuance of Health Advisories and maintenance of data of smog related patients by Primary and Secondary Health Care Department vi. Devising of fugitive dust control mechanism and its implementation vii. Checking of petrol pumps for safe storage of petroleum products viii. Ensuring Municipal Laws compliance reporting ix. Clean and green activities in the district	• Environment Department • Agriculture Department • Industries Department • Primary and Secondary Health Care Department. • District Police • LG&CDD • Forest Department • Punjab Housing and Town Planning Agency Building Department • Information Department MCs • Traffic Police • DDMA • Information Department

	x. Establishment of nurseries and tree plantation including awareness regarding this in the general public. xi. Nomination of Focal Persons.	
Other Environmental Hazards (industrial accidents, severe pollution etc.)	i. Awareness Raising campaigning on environment at community level ii. Initiating tree plantation and nurseries projects Carrying energy efficiency project that includes biogas and solar panel generated projects iii. Inspection & Correction and capacity building of communities on environment hazards	• Environment Department • Building Department • TMA • Works Department • Education • Social welfare • Health Department • DDMA • Information Department
Climate Change (Heat & and Extreme Cold)	i. Implementation of National Climate Change Policy (2013) followed by Climate Change Act (2017) ii. Implementation of Water Policy: Pakistan approved Water Policy in April 2018. Besides, Punjab has a provincial water policy. The government's approval and implementation of the draft Punjab Water Policy (April 2017). iii. Implementation of Agriculture Policies: selection and use of climate resilient crops/agriculture and cropping patterns together with water-efficient irrigation systems are need of the time. iv. Revision of infrastructure designs (such as bridge piers, buildings plinth levels, buildings HVAC, roads) based on climate change assessment. v. Provision of shelter during extreme cold and establishment of shades for extreme heat and other measures to control heat shocks including awareness campaigns vi. Adequate health facilities provision. vii. Adequate control and measures against viral disease viii. Encouraging urban forestation. ix. Adequate control and measures against viral diseases; x. Adaptation of best agriculture practices and use of climate resilient crops; xi. Use of least water-intensive crops and water efficient irrigation systems such as sprinkler and drip irrigation, particularly where rice and sugar cane is grown. xii. Adaptation of best water management practice, such as lining of watercourses and land leveling together with demand-based supplies using soil moisture sensors. xiii. Launching of farmers' awareness schemes to educate them about climate change risks, efficient irrigation systems, use of best available seeds variety, changes in cropping patterns.	• Forest Department • Agriculture Department • Water Management Department • DDMA • Social Welfare department • Health Department • Environment Department • Information Department

	xiv. Growing of more trees to control temperature and to reduce water losses together with adverse climate change impacts. xv. Changes in cropping patterns to increase food production and to cope up with the rise in food demand and water losses. xvi. Parthenium and other such types of weeds should be treated through biological treatment and Integrated Pest Management (IPM). xvii. Public awareness schemes, and capacity building of line departments' staff to educate people about climate change risks and adaptation measures. xviii. Well managed operation and maintenance to avoid water loss	
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EARLY WARNING

Information Flow Diagram



Alertness Levels

Following four levels alertness have been established:

Level-D (Disaster threat is perceptible)	DDMA shall conduct monthly meetings besides atleast 2 mock exercises as per DDMP, well in time, to make the concerned officers/officials understand their role and responsibility for better coordination and testing of rescue and relief equipment. DDMA shall also ensure the physical presence of concerned staff deputed and availability of equipment/resources for all designated vulnerable sites within given time frame during disaster. Vulnerable site's inspections and necessary works/action shall be carried out as mitigation measures.
Level-C (Alert) (Warning issued but likelihood of occurrence is less than 100%)	Activities to be undertaken in level D + DDMA shall issue “alert” to all concerned for the vulnerable area. DDMA and LDMA (tehsil level) control rooms be made operational 24/7 and ensure availability of all required (available and additional) resources for on call mobilization and monitor the situation 6 hourly. Only DC and DPO shall grant leave according to the situation.
Level-B (High Alert) (Disaster threat is imminent)	Activities to be undertaken in level C + DDMA shall issue EW to all stakeholders and “High Alert” for the district to ensure that all additional HR and material resources including volunteers has reported to their assigned duties, and all resources for evacuation and disaster management have been mobilized as per DDMP. All emergency (health, fire, rescue 1122, LOCAL BODIES etc) facilities shall work 24/7 with full staff strength. DDMA shall monitor the situation on hourly basis.
Level-A (Red Alert) (Disaster is materialized)	Activities to be undertaken in level B + DDMA shall respond to the emergency immediately and shall carry out rescue and relief operation as defined in DDMP and shall continuously monitor the situation. Resources of adjoining districts shall be mobilized and Army may be called keeping in view the magnitude of the disaster.

Early Warning

- On the early warning will be communicated to the relevant population? E.g. through Patwari, SMS, Announcements, Media etc.
- The information / early warning will be received by DC / ADCR and District Control Room from provincial level control room.
- ADCR will be focal person for early warning / coordinating and supervising the disaster relief measures in the district.
- The district control room will intimate the information to the focal persons of DDMA, departments & Public Representatives and Tehsil Control room and will issue the alert to concerned department.
- After the intimation from Control Room all departments will take appropriate measures for evacuation, first aid, security and relief etc. as per their role and responsibilities
- Tehsil control room will issue early warning through telephone and revenue field staff to concerned chairman and councilors of the area.

RESCUE STRATEGY

- DEOC / district control room shall intimate to all concerned department / agencies and Rescue 1122, Police, shall rush to emergency / disaster effected area. Evacuation, Medical assistance and rescue shall be made by rescue 1122 in coordination with line agencies in coordination with TMA and Health and other stake holders.
- Police will be responsible to maintain law & order situation and for security of peoples/ agencies. Complex emergencies shall be lead by police and rescue 1122 will support the rescue activates.
- Pak army will be requested by chairman DDMA in accordance with govt SOPs, after DDMA meeting keeping in view nature and magnitude of disaster / emergencies.

Flood Forecasting and Early Warning System

Flood Forecasting and Early Warning System should be announced by Irrigation Department, Patwaris and through announcement in loud speakers of masjid. Master control Room which is controlled by Met office issues forecast information to Flood Control Room. Rescue 1122 is looking after Flood control Room and that disseminate area on alerts to residents living in vulnerable areas.

District Emergency Control Room disseminates immunity flood information to residents of low lying areas by blowing risers which are installed along River Sindh. District Control Room also plays role coordination & Communication along all stakeholders.

After receiving information of pre alert through District Flood control Room, all the relevant stakeholders are Part on high alert and their team start deployment in highly vulnerable low lying areas.

DISASTER PREVENTION CONTROL CENTRE (DPCC)

A Central Flood Control Centre has been established at DC Office building, under the command of Deputy Commissioner & with the assistance of District Emergency Officer, Rescue 1122. This Control Room shall be the source of dissemination of information to the concerned departments and will also act as Operation Centre for coordinating all response activities. All the concerned departments / emergency service

HUMANITARIAN ASSISTANCE

- Humanitarian Assistance is extremely helpful in coping up disasters.
- The DC will comprise a committee regarding collection of data of house damages and losses and communicated to higher level by the SNAs / ADCR.
- Relief camp incharges / revenue staff and the social welfare department will have determined the needs of the effected people. DDMA, civil society and local volunteers provide the assistance to affectees from early warning, search and rescue, medical assistance to relief activities.
- Government instructions shall be followed for standardization of different packages like food, kits etc. DC will establish a humanitarian assistance mechanism establishing a committee to avoid duplication and to identify gaps.
- Camp management SOPs shall be followed as per DDMP attached guidelines. District Govt have capacity for at least 18000 persons to provide assistance
- The District Govt is very keen for the protection especially Govt gender based protection is on the first in agenda, especially keen for children and person with disabilities. DDMA will ensure it with the help of NGOs and civil society.

ANNEX I:

IDENTIFIED SITES FOR DISPLACED PERSONS

Sr. No	Flood Prone Mauzas / Abadies	Population	Evacuation to Relief Camps
1	➤ Bhikhi Wind. ➤ Nager Eman Pura. ➤ Mabokey. ➤ Dhoop Sari. ➤ Chaant. ➤ Basti Chanan.	3340	Govt Boys high School Sheikhpura Nau
2	➤ Basti Ibraheem. ➤ Mahi Wala. ➤ Fatti Wala. ➤ Chanda Singh Wala. ➤ Kamal Pura.	2390	Govt Boys high School Sheikhpura Nau
3	➤ Bhikhi Wind. ➤ Kalu Wara. ➤ Tali Mohallam.	1000	Govt Boys high School Sheikhpura Nau
4	➤ Sanda Nizam. ➤ Fattohi Wala. ➤ Ullahkey.	3350	District Public School,Kasur
5	➤ Kilcha Madona. ➤ Haku Jhugian. ➤ Mambekey, ➤ Usman Wala.	3450	District Public School,Kasur
6	➤ Patra Hithar. ➤ Basti Muhammad ➤ Ratney Wala Khurd, ➤ Ratney Wala Kalan, ➤ Thatthi Fareed etc.	4096	District Public School,Kasur
7	➤ Johd Singh wala ➤ Attar Singh Wala ➤ Herdo Sheikh Saad	1000 800 850	Govt. Girls Middle School, Baqarkey
8	➤ Johd ➤ Tatrekey ➤ Gandan Wala	1200 23 70	Govt. Boys Primary, School, Baqarkey

	➤ Dhainkey ➤ Raju Wal Nau	111 800	
9	➤ Mohalam ➤ Noor Pur Dogran ➤ Khilji Jageer ➤ Goher Jageer	450 400 500 6000	Govt. Boys High School Usman Wala.
10	➤ Theh Kamal ➤ Sheikh Pura ➤ Langyana ➤ Mangal Singh Wala ➤ Mohkey kay	400 700 250 140 150	Govt. Girls High School Usman Wala.
11	➤ Peer Ahmad Wala ➤ Mahmokey Sharaf ➤ Ganja Kalan ➤ Mater ➤ Tatara Wasil	10 15 60 40 2500	Govt. Girls High School Pial Kalan

TEHSIL PATTOKI

Sr. No.	Name of Sector	Area Effected by Heavy Rain	Area Effected by Flood	Evacuated to (Relief Center)
1	➤ <u>Pattoki</u>	➤ Shadman Colony ➤ Bakar Mandi	-	Govt. High School, Pattoki.
2	➤ <u>Pattoki</u>	➤ Din Colony Muhallah Raza Abad Purani ➤ Mandi Pattoki Basti Bagh Wali	-	2.GovElementary School, Old Mandi Pattoki
3	➤ Sarai Mughal	-	➤ Balloki ➤ Bonga Malla ➤ Towrian	Govt. High School, Balloki, Tawrian

ANNEXII:LIST OF FLOOD RELIEF CAMPS

Sr No.	Tehsil	Camp Name	Camps Focal Person Name & No	Location		Capacity	
				Lat.	Lon.	No of People	Area of Camp
1	Kasur	Govt Boys high School Sheikhpora Nau	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31.068863	74.574826	3340	22-Kanal
2	Kasur	Govt Boys high School Sheikhpora Nau	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31.068863	74.574826	2390	
3	Kasur	Govt Boys high School Sheikhpora Nau	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31.068863	74.574826	1000	
4	Kasur	Govt Boys high School Sehjra	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31.116432	74.62319	400	25-Kanal
5	Kasur	District Public School,Kasur	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31°07'37.3"N	74°28'18.4"E	3350	125K-04M
6	Kasur	District Public School,Kasur	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31°07'37.3"N	74°28'18.4"E	3450	
7	Kasur	District Public School,Kasur	Hafiz M. Jahangir Naib Tehsildar,0300-4055121	31°07'37.3"N	74°28'18.4"E	4096	
8	Kasur	Govt. G.E., School, Baqarkey	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.936914	74.317495	6137	25-Kanal
9	Kasur	Govt. Boys Primary, School, Baqarkey	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.936914	74.317494	1467	15-Kanal
10	Kasur	Govt. Boys High School Usman Wala	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.5338	74.1408	7350	27-Kanal
11	Kasur	Govt. High School Najabat	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.813174	74.23744	5591	22-Kanal
12	Kasur	Rest House Bakarkey	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.928417	74.317495	297	10-Kanal
13	Kasur	UC Rajo Wall Nou	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.8735227	74.2903326	1287	12-Kanal
14	Kasur	BHU Rajo Wall Nou	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.87559	74.29001	1651	12-Kanal
15	Kasur	G.B.P.S Rajo Wall Nou	Mirza Zahid Baig Naib Tehsildar,0300-4322226	30.873942	74.289973	144	8-Kanal
16	Chunian	Kothi Fateh Muhammad	M. Mushtaq (NT) ,03016570095	30.717919	74.155169	200	4 acre
17	Chunian	Govt primary school gara Singh vala	M. Aslam (NT),03006542635	30.702315	74.129755	100	4 kanal
18	Pattoki	Govt. High School, Pattoki	Imran Hafeez Tehsildar 0306-7587070	31.020016	73.852022	100	56 Kanal
19	Pattoki	Govt. Elementary School, Old Mandi, Pattoki	Imran Hafeez Tehsildar 0306-7587070	31.016907	73.851304	200	10 Kanal
20	Pattoki	Govt. High School, Balloki	Dais Muhammad Naib Tehsildar 0300-6542313	31.189468	73.881493	1000	10 Kanal
21	Pattoki	Govt. High School, Jajja Kalan	Dais Muhammad Naib Tehsildar 0300-6542313	31.191899	73.796336	1500	15 Kanal
22	Pattoki	Govt. High School, Halla	Ms Anum Naib Tehsildar ,0317-4454821	31.119711	73.728925	1300	6 Kanal
23	Pattoki	Govt. High School, Alpa Kalan	Ms Anum Naib Tehsildar ,0317-4454821	49.6284	49.6894	1200	6 Kanal
23	Pattoki	Govt. High School, Phool Nagar No.1	Khalid Raza Naib Tehsildar 0333-4443563	31.1234N	73.5656E	200	30 Kanal

24	Pattoki	Govt. Elementary School, Chah Kalalan Wala	Khalid Raza Naib Tehsildar 0333-4443563	31.274628	74.049917	1100	3 Kanal
25	Pattoki	Govt. Boys Elementary School, Gagga Sarai	Khalid Raza Naib Tehsildar 0333-4443563	31.257266	73.96778	800	7 Kanal
26	Pattoki	Govt. Elementary School, Gulzar Jagir	Khalid Raza Naib Tehsildar 0333-4443563	31.220442	73.9302803	850	7 Kanal

Annex III: List of Private Boats Owner

TEHSIL KASUR					
Sr.No	Type Boat/Bera	Name of Owner/ Operator	Condition	Location of Boat/Bera (Mouza)	Remarks
1	Big Boat/ Bera without Engine, now operating with Rope	Khalil Ahmad s/o Muhammad Ismail Ph# 0301-6823403	Functional	Taj Pattan Mastyky	In case of flood situation movement may be turning from Shejra to Mastekay if engine avialable
2	Big Boat/ Bera without Engine, now operating with Rope	Shafi Muhammad S/O Noor Muhammad Ph# 0306-6807136	Functional	Taj Pattan Mastyky	
3	Big Boat/ Bera without Engine, now operating with Rope	Muhammad Sharif so Sardar, Ph# 0301-5285823	Functional	Taj Pattan Mastyky	
4	Big Boat/ Bera without Engine, now operating with Rope	Muhammad Ashiq Ali s/o Raaj Muhammad Ph# 0307-4171652	Functional	Bhikhi Wind	In case of flood situation movement may be turning from Wind to Bhikhi
5	Big Boat/ Bera without Engine, now operating with Rope	Muhammad Kashif Operator Ph# 0302-4665014	Functional	Bhikhi Wind	
6	Big Boat/ Bera without Engine	Sakhawat s/o M.Ishaq ph 0300-8837624	Functional	Dhoop Sari	In case of flood situation movement may be turning from dhoop sari to sehjra, if Engine is available
7	Big Boat/ Bera with Engine	Haider Chandur ph 0301-6808366	Functional	Thati Farid-I	It can be used in case of flood situation
8	Big Boat/ Bera with Engine	Khair din numberdar ph 0304-4437764	Functional	Thati Farid-I	It can be used in case of flood situation
9	Big Boat/ Bera with Engine	Mian Ahmad shahbaz ph 0300-8333307	Functional	Thati Farid-II	It can be used in case of flood situation
10	Big Boat/ Bera with Engine	M. Hussain s/o M. Nawab ph 0306-6836671	Functional	Pattan chanda singh wala	It can be used in case of flood situation
TEHSIL CHUNIAN					
Sr.No	Type Boat/Bera	Name of Owner/ Operator	Condition	Location of Boat/Bera (Mouza)	Remarks
1	Iron	Muhammad Shfique S/O Muhammad Din Caste Chabeil 0304-4756037	Functional 50X20	Pattan Murad kay	-
2	Iron	Muhammad Sarwar S/O Ghulam Muhammad Caste Chabeil 0304-8803883	Functional 40X16	Pattan Murad kay	-

3	Iron	Muhammad Ishaq 0302-4097060	Functional 80X40	Pattan Lohlay Jattan	-
4	Iron	Muhammad Latif	Functional 80X40	Pattan Qilli Sahu	-
5	Iron	Ghulam Rasool S/O Amanat Ali Caste Meo 0300-8034289	Functional 10X10	Kothi Fateh Muhammad	-
6	Iron	Muhammad Din S/O Ghulam Qadir	Functional 25X10	Pattan Mohar Singh Wala/ Daya Singh Wala	-
7	Iron	Sabir S/O Faiz	Functional 50X20	Pattan Shahbaz Kay	-

ANNEX IV:**LIST OF HAZARD PRONE VILLAGES/REVENUE ESTATE**

Hazards	Tehsils	UCs	Names of Revenue Estates	Names of Villages	POPULATION
Floods	KASUR	SEHJRA 19	Ganda singh wala	SEHJRA	5009
Floods	KASUR	SEHJRA 19	Ganda singh wala	NAGAR EMAN PURA	1257
Floods	KASUR	SEHJRA 19	Ganda singh wala	MABOKEY	372
Floods	KASUR	SEHJRA 19	Ganda singh wala	LUKHMER WALA	11
Floods	KASUR	SEHJRA 19	Ganda singh wala	CHANDA SINGH WALA	827
Floods	KASUR	SEHJRA 19	Ganda singh wala	MAHI WALA	546
Floods	KASUR	SEHJRA 19	Ganda singh wala	KAMAL PURA	989
Floods	KASUR	SEHJRA 19	Ganda singh wala	FATI WALA	293
Floods	KASUR	SEHJRA 19	Ganda singh wala	SHEIKHPURA NAU	543
Floods	KASUR	SEHJRA 19	Ganda singh wala	BHIKHI WIND	523
Floods	KASUR	SEHJRA 19	Ganda singh wala	KALANJAR HITHAR	524
Floods	KASUR	SEHJRA 19	Ganda singh wala	KALU WARA	53
Floods	KASUR	SEHJRA 19	Ganda singh wala	MASTEKEY	329
Floods	KASUR	SEHJRA 19	Ganda singh wala	BUDHA SINGH WALA	50
Floods	KASUR	SEHJRA 19	Ganda singh wala	KASOKI	15
Floods	KASUR	THAHI USMAN	Usman Wala	DABURJI	394
Floods	KASUR	THAHI USMAN	Usman Wala	JODH SINGH WALA	1554
Floods	KASUR	VERM	Usman Wala	BAQAR KE	2261
Floods	KASUR	THAHI USMAN	Usman Wala	ATTA SINGH	692
Floods	KASUR	THAHI USMAN	Usman Wala	SALEKE	35
Floods	KASUR	THAHI USMAN	Usman Wala	TATRI KE	177
Floods	KASUR	RAJUWAL	Usman Wala	GANDA WALA	135
Floods	KASUR	THAHI USMAN	Usman Wala	DAHAR HITHAR	108
Floods	KASUR	THAHI USMAN	Usman Wala	JAJOKI	729

Floods	KASUR	RAJUWAL	Usman Wala	DHENKE	197
Floods	KASUR	RAJUWAL	Usman Wala	GHATI DHENKE	26
Floods	KASUR	RAJUWAL	Usman Wala	RAJUWAL NAU	944
Floods	KASUR	THAHI USMAN	Usman Wala	MABU WALA	6
Floods	KASUR	THAHI USMAN	Usman Wala	BETU JAGER	73
Floods	KASUR	RAJUWAL	Usman Wala	GANJA KALAN	446
Floods	KASUR	RAJUWAL	Usman Wala	GANJA KHURD	261
Floods	KASUR	RAJUWAL	Usman Wala	MAMONKE MEHMOOD	164
Floods	KASUR	RAJUWAL	Usman Wala	MUBARA	27
Floods	KASUR	RAJUWAL	Usman Wala	MATTAR	70
Floods	KASUR	RAJUWAL	Usman Wala	MAMONKE KHIZRA	174
Floods	KASUR	RAJUWAL	Usman Wala	MAHTMA WALA	25
Floods	KASUR	RAJUWAL	Usman Wala	SIDHU WALA	112
Floods	KASUR	RAJUWAL	Usman Wala	BOHGEY KE	5
Floods	KASUR	RAJUWAL	Usman Wala	DAWALA MADAR	21
Floods	KASUR	RAJUWAL	Usman Wala	SADAR	632
Floods	KASUR	RAJUWAL	Usman Wala	NATHAL KE	11
Floods	KASUR	RAJUWAL	Usman Wala	NAJABAT	3706
Floods	Pattoki	Nathay Jageer	Phool Nagar	Nothe Jagir	7500
Floods	Pattoki	Nathay Khalsa	Phool Nagar	Nothe Khalsa	8000
Floods	Pattoki	Nathay Jageer	Phool Nagar	Lakhankay	3000
Floods	Pattoki	Gagga Sarai	Phool Nagar	Bhangoor	2500
Floods	Pattoki	Gagga Sarai	Phool Nagar	Gagga Sarai	10000
Floods	Pattoki	Gagga Sarai	Phool Nagar	Raiwind	No Population
Floods	Pattoki	Lambay Jageer	Phool Nagar	Gulzar Jagir	7000
Floods	Pattoki	Lambay Jageer	Phool Nagar	Kamongil	6500
Floods	Pattoki	Lambay Jageer	Phool Nagar	Megha	2000
Floods	Pattoki	Olakh Bonga	Phool Nagar	Hargan	No Population
Floods	Pattoki	Gagga Sarai	Phool Nagar	Jhugian Marati	No Population
Floods	Pattoki	Gagga Sarai	Phool Nagar	Jhugian Arain	No Population
Floods	Pattoki	Olakh Bonga	Phool Nagar	Gohar Ghulab Singh	3500

Floods	Pattoki	Olakh Bonga	Phool Nagar	Olakh Bonga	4000
Floods	Pattoki	Balloki	Sarai Mughal	Balloki	8500
Floods	Pattoki	Sarai Noshehra	Sarai Mughal	Bonga Malla	1500
Floods	Pattoki	Balloki	Sarai Mughal	Gohar Jatari	No Population
Floods	Pattoki	Sarai Noshehra	Sarai Mughal	Jajja	11300
Floods	Pattoki	Sarai Noshehra	Sarai Mughal	Towrian	1200
Floods	Pattoki	Sarai Noshehra	Sarai Mughal	Bonga Kahan Singh	No Population
Floods	Pattoki	Bath Kalan	Hallah	Dullo Gurokay	3500
Floods	Pattoki	Bath Kalan	Hallah	Tannikay	2500
Floods	Pattoki	Bath Kalan	Hallah	Aray Wala	1200
Floods	Pattoki	Sarai Noshehra	Sarai Mughal	Kalu Khokhar	700
Floods	Pattoki	Sarai Noshehra	Sarai Mughal	Atari Bhoop Singh	1200
Floods	Pattoki	Bath Kalan	Hallah	Rathoor	No Population
Floods	Pattoki	Bath Kalan	Hallah	Qila Take Chand	38
Floods	Pattoki	Bath Kalan	Hallah	Bath Kalan	5500
Floods	Pattoki	Alpa Kalan	Hallah	Dullo Multani	2339
Floods	Pattoki	Alpa Kalan	Hallah	Ojla	2212
Floods	Pattoki	Alpa Kalan	Hallah	Qila Noth Singh	No Population
Floods	Pattoki	Alpa Kalan	Hallah	Jhugian Natha Singh	No Population
Floods	Pattoki	Alpa Kalan	Hallah	Wasai Pura	2203
Floods	Pattoki	Alpa Kalan	Hallah	Alpa Kalan	6000
Floods	Pattoki	Alpa Kalan	Hallah	Alpa Sadhari	1900
Floods	Pattoki	Alpa Kalan	Hallah	Mandhali	1000
Floods	Pattoki	Alpa Kalan	Hallah	Bongi Lalu	1700
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	DAYA SINGH WALA	1561
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	MOHAR SINGH WALA	222
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	DHARMA	453
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	SATTOKI	350

Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	MEHMOOD KHANKE	319
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	MARAOKE	299
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	BODAL PERKE	407
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	BODAL KHANKE	459
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	RUPAL	205
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	SHAHBAZ KE	339
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	BURJ SHAHBAZ KE	458
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	KARI SANARI	223
Floods	CHUNIAN	Gandi Roop Singh	Kangan pur	BESUKE	376
Floods	CHUNIAN	MOKAL	Consolidation Chunian	QILI SOKAL	883
Floods	CHUNIAN	MOKAL	Consolidation Chunian	CHANGA SINGH WALA	2675
Floods	CHUNIAN	MOKAL	Consolidation Chunian	MOKAL	8675
Floods	CHUNIAN	MOKAL	Consolidation Chunian	QILI SAHO	429
Floods	CHUNIAN	MOKAL	Consolidation Chunian	LOHY JATTA	780
Floods	CHUNIAN	MOKAL	Consolidation Chunian	DONA MOKAL	0
Floods	CHUNIAN	MOKAL	Consolidation Chunian	GATI GIDAR PANGRAIN	29
Floods	CHUNIAN	MOKAL	Consolidation Chunian	QILI EMAN	518
Floods	CHUNIAN	MOKAL	Consolidation Chunian	KALU MUQEEM	17
Floods	CHUNIAN	MOKAL	Consolidation Chunian	AJAIB SINGH WALA	72

Floods	CHUNIAN	MOKAL	Consolidation Chunian	HIMAT SINGH WALA	233
Floods	CHUNIAN	MOKAL	Consolidation Chunian	PACCA	450
Floods	CHUNIAN	MOKAL	Consolidation Chunian	SEHLUL KE	0
Floods	CHUNIAN	MOKAL	Consolidation Chunian	AYA SINGH WALA	260
Floods	CHUNIAN	MOKAL	Consolidation Chunian	RUKAN PURA	834
Floods	CHUNIAN	MOKAL	Consolidation Chunian	DHIN	188
Floods	CHUNIAN	MOKAL	Consolidation Chunian	MAL SINGH WALA	183
Floods	CHUNIAN	MOKAL	Consolidation Chunian	BAGYANA	0
Floods	CHUNIAN	MOKAL	Consolidation Chunian	SARONKEY	38
Floods	CHUNIAN	MOKAL	Consolidation Chunian	BABLYANA HIGHAR	86
Floods	CHUNIAN	MOKAL	Consolidation Chunian	BHAGOKE DOGRAN	190
Urban Flooding					
Flash Floods					
Hill Torrent					
Tornado					

Epidemic	Kasur, Chunain, Pattoki,Kot Radha Kishan	Anywhere In District	Any Where In District	Any Where In District	
Environment al Hazards (industrial accidents, severe pollution etc.)	Kasur, Chunain, Pattoki,Kot Radha Kishan	Anywhere In District	Anywhere in the District	anywhere In District	

ANNEX V:

LIST OF HEALTH FACILITIES AND THEIR VULNERABILITY TO HAZARDS

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary)	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
1	BHU Sehjra	-----	Primary	Dis. Ghulam Abbas 0303-4886687	Threat of flood but not earthquake
2	Burj Kalan	-----	Primary	Dr. Mariam 0333-4972087	No threat of flood and earthquake
3	RHC Ganda Singh Wala	-----	Primary	Dr. Maria Fatima 0308-8642896	No threat of flood and earthquake
4	BHU Kharper	-----	Primary	Dr. Manzoor Ahmad 0318-4576603	No threat of flood and earthquake
5	RHC Joura	-----	Primary	Dr. Raja Usman 0336-8034055	No threat of flood and earthquake
6	BHU Rajowal	-----	Primary	M Ibrar 0305-4617634	No threat of flood and earthquake
7	BHU Tara Garh	-----	Primary	Dr. Aqib Javed 0333-8193033	No threat of flood and earthquake
8	BHU Mokal	-----	Primary	Dr. SaqibLiaqat 0300-4001693	No threat of flood and earthquake
9	GandiRoopsingh / Kangan Pur	-----	Primary	Dr. Zameerahmad 0301-4141554	Threat of flood but not earthquake
10	BHU Akbar Abad	-----	Primary	M Amir 0344-4149923	Threat of flood but not earthquake
11	Alpa Kalan	-----	Primary	Dis. M.Tanveer 0308-4200375	No threat of flood and earthquake

ANNEX VI:
LIST OF VULNERABLE EDUCATIONAL INSTITUTIONS

S#	Name	Institute type (School, College)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
1	GMPS ULAN KAY	School	Latitude 31.1476 Longitude 74.4136	98	JavedIqbal	3116824993
2	GMPS RANGAY WALA	School	Latitude 30.946588 Longitude 74.3959	65	Saba Sultan	3074263163
3	GGPS MUMBAYKAY	School	Latitude 30.9835 Longitude 74.4657	89	Yasmeen	3048802350
4	GGPS BHOJA	School	LATITUDE 31.2868 Longitude 74.47	147	SadafQasim	3078895194
5	GGPS LADHAY KI HITHAR	School	Latitude 31.089006, Longitude 74.537234	90	NailaHuma	3217513352
6	GGPS SHEIKH PURA NAU	School	Latitude 31.067972, Longitude 74.575166	71	NAJAM UN NISA	3034800185
7	GMPS BIKHI WIND	School	Latitude 31.057632, Longitude 74.580199	113	KalsomManzoor	3054698659
8	GGPS SHEIKH PURA KOHNA	School	Latitude 31.125810 , Longitude 74.563219	116	RuqiaAttah	3006596307
9	GMPS KAMAL PURA	School	Latitude 31.128691, Longitude 74.448083	99	AminaJameel	3004570806
10	GMPS MAHI WALA	School	Latitude 31.086746 Longitude,74.608495	97	AyishaJafar	3237515769
11	GGES SEHJRA	School	Latitude 31.116460, Longitude 74.623147	310	GulnazSamina	3040949376
12	GGPS DHOOP SARI	School	Latitude 31.101095, Longitude 74.645987	74	AminaShareef	3067491606
13	GGPS CHANT SEHJRA	School	Latitude 31.116788, Longitude 74.621901	60	Asia Rasheed	3094410457
14	GMPS MABBOO KAY	School	Latitude 31.121640, Longitude 74.650702	71	BushraNazeer	3018307461
15	GMPS HAKOO WALA	School	Latitude 31.057386, Longitude 74.572385	61	SajidaPerveen	3027251931
	GGPS ROHYWAL		Longitude 74.52	110	Tasneem Akhtar	3354723311

16		School	Latitude 31.09			
17	GGPS BALLAN WALA	School	Longitude 74.50 Latitude 31.14	98	M. Riaz	3406221474
18	GGPS NOORI WALA	School	Latitude --30.99 Longitude ,74.43--	66	SAMRA BATOOL	3030454431
19	GGPS BHADIAN USMAN	School	Latitude -30.97 Longitude,74.44----	108	RAMZANA ALLAH DIN	3014619679
20	GGMPS SHAKE UMAD N	School	Latitude ----30.98 Longitude,74.43-	68	IRAM SHAFIQ	3004651511
21	GMPS HERDOBANBODLA	School	Latitude -30.97 Longitude,74.43----	50	PARVEEN AKHTAR	3073295904
22	GGPS SHEIKHPURIAN	School	Latitude 30.880304 Longitude,74.269952	50	AZRA BANO	03044899822
23	GMPS TATTRA KAMAL	School	Latitude 30.854751, Longitude 74.272292	141	BILQEES BEGUM	03018011308
24	GGES SANDA KHANWA	School	Latitude 30.853522 , Longitude 74.271472	306	SAIMA AROOJ	03076098454
25	GGES NAJABAT	School	Latitude 30.814067, Longitude 74.238224	235	MARIA YASEEN	03026808402
26	GGPS KATLOHI KALAN	School	Latitude=31.20 Longitude=74.482	157	ZareenaShaheen	3024574140
27	GGES Gaddoki	School	--Latitude=31.210 Longitude=74.516	238	FarzanoKousar	03066839878
28	GGPS THEH PANWAN	School	Latitude=31.227 Longitude=74.515	98	Noor ulNissa	03016835687
29	GGPS WADRA	School	Latitude=31.233 Longitude=74.494	160	FARKHANDA PARVEEN	3004333857
30	GGPS RATNAY WALA	School	Latitude 30.9573 Longitude 74.3989	199	GhaziaMushtaq	3065450975
31	GGPS KUJIAN WALA	School	Latitude 31.014 Longitude 74.5137	99	ShabanaKousar	3084049172
32	GGPS BURJ KHURD	School	Latitude 31.035 Longitude 74.5166	150	Asia Rifat	312680009
33	GGES RAI KALAN	School	Latitude 31.11 Longitude 74.44	406	Uzma	3075261466
34	GGES ABRAHIM ABAD	School	Latitude 31.25 Longitude 74.48	123	TOQIR AZMAT	3042295207

35	GGPS CHACK BALLYANA	School	Latitude 31.18 Longitude 74.48	19	Shahida	3476088792
36	GGCMS BAGGY	School	Latitude --31.00 Longitude ,74.40---	105	AFIFA MUJAHID	3234895800
37	GGPS BAZEED PUR	School	Latitude 31.014 Longitude ,74.47---	65	SAIMA SHAHEEN	3009485374
38	GGPS RASOOL NAGER	School	Latitude 31.01 Longitude ,74.47----	170	SHAZIA PARVEEN	3034413639
39	GGPS KILCHA MADONA	School	Latitude ---31.00 Longitude ,74.47--	71	SHAZIA YASEEN	3074118200
40	GGPS BASTI JUMMAY KHAN	School	Latitude=31.214 Longitude=74.506	28	NUSRAT SHEHZADI	3214953053
41	GGPS BastiShamayWali	School	30.785092,74.211481	67	ManzoorBibi	0302-4848202
42	GGPS Kot Sunder Singh	School	30.790253,74.230398	67	SughraBibi	0300-6598443
43	GGMPS BHADIAN KHAN PUR	School	Latitude 31.066768 Longitude 74.510610	280	TahiraTasleem	3066816971
44	GGES QAISER GARH	School	Latitude 31.113144 Longitude 74.486371	315	Zaitoon Fatima	3237976450
45	GGES BURJ KLAN	School	Latitude 31.036 Longitude 74.5103	289	ShakilaKousar	3237535108
46	GMPS THATI USMAN	School	Latitude 31.014 Longitude ,74.47---	193	NusratKhushi	3070114740
47	GGES BADAR PUR	School	Latitude 31.31 Longitude 74.46	305	RUKHSANA BANOO	3445167473
48	GGPS AMREEK SINGH	School	Latitude 31.24 Longitude 74.47	103	ZAHIDA PARVEEN	3008831035
49	GGPS KALIAN	School	Latitude31.28 Longitude 74.45	74	SHUBANA KOSAR	3004978257
50	GGES CARE COLONY	School	longitude 74.46 latitude 31.12	266	SaminaAnjum	3074670249
51	GGPS SAEEDA ABAD	School	longitude 74.46 latitude 31.12	239	Samina M. Ali	3086800892
52	GGPS RANG PUR	School	longitude 74.48 latitude 31.13	125	NomanaShabbir	3034504784
53	GGPS PEERO WALA	School	Longitude 74.47 Latitude 31.14	125	NawalRasheed	3064702374

54	GGPS LOGHER JUGHIAN	School	Longitude 74.51, Latitude 31.08	152	Asifa Khalid	3008817935
55	GGCMS PATTO KOHANA	School	Longitude 74.50 Latitude 31.10	302	SaforaAnjum	3044851904
56	GMPS PATTO KHURD	School	Longitude 74.49 Latitude 31.12	64	Amara Arshad	3348035021
57	GGPS KHAREPAR HATHAR	School	Longitude --31.00 Latitude,74.45---	145	SHAGUFTA	3064318835
58	GMPS GOHAR HITHAR	School	Longitude ---30.94 Latitude,74.37--	187	SAMIA BANO	3065964137
59	GGES CHABBAR	School	Longitude 30.97, Latitude74.37	376	NAGINA AMIN	3226754434
60	GMPS MAHALAM KHURD	School	Longitude --31.03 Latitude ,74.45---	187	Shakeelayasmeen	3067570322
61	GGPS Harcho Ki Hithar	School	30.749612,74.172646	82	JabeenAsif Khan	0323-4859923
62	GGPS Chabbar	School	30.73471,74.161357	110	Sadaf Zahra	0305-4030331
63	GGES Fateh Muhammad Kalan	School	30.733043,74.151749	244	FarhatYasmeen	0301-4228434
64	GGPS Fateh Muhammad Khurd	School	30.733043,74.151749	24	AmtalShafique	0306-4903155
65	GGPS Basti Hakim Shah	School	30.759137,74.121517	74	AmtalMateen	0306-2485221
66	GGHS Fatoohi Wala	School	Longitude, latitude,	405	Kashfa Raza	0305-4095754

ANNEX VII: LIST OF INDUSTRIES WITH THEIR RISK LEVEL

S#	Industry Name	Location	GPS Coordinates	Risk Type (Chemical, Biological, Radiological, Nuclear)	Name and Contact of Focal Person	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
1	Swat Chemical Industry	Ferozepur Road Bhalo Khara	X: 74.450532 Y:31.163807	Chemical	Atif	Low	Flood
2	Nasir Cold Storage	Ghanda Singh Road Kasur	X: 74.499283 Y:31.066671	0	Nasir	Low	Flood

ANNEX VIII:**LIST OF NGO WORKING IN THE DISTRICT**

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Focal Person Name	Contact No.
1	Itthead Foundation Dhan Pat Road Kasur	Tehsil Level	Dhan Pat Road Kasur	Mrs. Irshad Safdar	0321-6573180
2	Awami Khidmat Committee Khudian Khas Circular Bazar District Kasur	Tehsil Level	Circular Bazar Khudian Khas	Abdul Rehman Shah	0300-6579735
3	Association for Awareness & Sustainbale Development Kasur	Tehsil Level	Club Road Kasur	Abdur Razzaq	0300-8010177
4	Khuram Welfare Society ,Khuram Hithar Kasur	Tehsil Level	Khuram Hithar Kasur	Hafiz Abdul Ghaffar	0333-4178699
5	Islamia welfare society Ellah Abad camp at Kangan Pur	Tehsil Level	Ellah Abad camp at Kangan Pur	Safadar Bashir	03006546510
6	Awami Rafahi committee Gahalan Hithar	Tehsil Level	Gahalan Hithar	M.Amin Tahir	0300.6573070
7	Agathe Welfare Organization Gahalan Hithar Chunian	Tehsil Level	Gahalan Hithar Chunian	Hamad Zia	0300.0555851
8	Khizra welfare organization Pattoki	Tehsil Level	Old Mandi Pattoki	Mahmood ul Hassan	0300-4242331
9	Al- Noor welfare Society Pattoki. Bhedian chak.35	Tehsil Level	Bhedian chak35	Khalid Mehmood Ch.	0300-4479056
10	Bismillah Welfare Society Kot Radha Kishan	Tehsil Level	MohallahDawani Marla Gharbi (K.R.K)	Malik Muhammad Irshad	0300-4210235

ANNEX IX:

LIST OF SOCIAL WELFARE AND NGOs RESOURCE FOR FLOOD

Name of District	Focal Person	Relief Camp	Name of NGOs	Name NGOs Representative with contact #	Available Resources		
					No of Volunteers	No of Blood Donors	Others i.e boats,dewatering sets,Ambulance
Kasur	Muhammad Akbar Raza SWO SERC District Jasil, Kasur	1-Corri Wala (Kasur) 2-Talwar Post(Kasur) 3-Kolthi-Fateh Muhammad (Chunian) 4-Chah Kalan Wala (Pattoki)	1- Itthead Foundation Dhan Pat Road Kasur 2- Awami Rafahi Committee Gahalan Hithar 3- Al- Noor welfare Society Pattoki. Bhedian chak.35 4-Bismillah Welfare Society KKK	1.Mrs. Irshad Safdar 0321-6573180 2- M.Amin Tahir 0300.6573070 3- Khalid Mehmood Ch. 0300-4479056 4-Malik M.Irshad 0300-4210235	40	15	01 Ambulance (NGOs)

ANNEX X:

CONTACT LIST OF MAIN STAKEHOLDERS/ DEPARTMENTS

Sr. No.	Name	Department / Division/ District	Designation	Telephone Nos.		Mobile No.	Fax No.
				Office	Residence		
1	Zaid Bin Maqsood	Lahore	Commissioner, Lahore	042-99206503	-	0304-0920050	-
2	Imran Ali	Kasur	DC, Kasur	049-9250143	-	0304-0920062	049-9250162
3	Essa Shakhara	Kasur	DPO, Kasur	049-9250137	-	0321-6820545	049-9250172
4	Sherina Junejo	Kasur	ADC(Rev), Kasur	049-9250099	-	0300-8881813	-
5	Salmoon Ayub	Kasur	ADC(Gen), Kasur	049-9250218	-	03008690021	-
6	Murtaza Malik	Kasur	ADC(F&P), Kasur	049-9250208	-	0300-8400002	-
7	Asfand Yar	Kasur	AC, Kasur	049-9250157	-	0313-5982554	-
8	Sad Bin Khalid	Kasur	AC, Pattoki	0494-424646	-	0301-8236581	-
9	Taimoor Khan	Kasur	AC, Chunian	0494-310055	-	0333-3509944	-
10	Sohail Raiz	Kasur	AC, Kot Radha Kishan	0492-385091	-	0321-4104451	-
11	Abdul Majeed	Kasur	Tehsildar, Kasur	049-2724854	-	0300-8465386	-
12	Malik Azam	Kasur	Tehsildar, Pattoki	049-4424946	-	03326549300	-
13	Hafiz Jhangir	Kasur	Tehsildar, Chunian	0494-311916	-	03004055121	-
14	Aslam Shahid	Kasur	Tehsildar, Kot Radha Kishan	0492-385206	-	03007573314	-

16	Dr. Ghulam .Murtaza	Kasur	CEO(Health), Kasur	049-9250063	-	0342-7670732	0494-610399
17	Gulzar Ahmad	Kasur	CEO (Edu.), Kasur	049-9250191	-	0331-8627686	-
18	Shaban Nabi	Kasur	XEN Irrigation, Kasur	049- 9250201- 9250141	-	0322-4548759	-
19	Zeeshan	Kasur	XEN Irrigation, Balloki	0494-610300	-	0300-4744962	-
20	Nayyar Alam	Kasur	DEO (Rescue 1122), Kasur	049-2772301	-	0337-9680006	-
21	Madam Saima	Kasur	DO Social Welfare, Kasur	049-9250283	-	0370-4991700	049-9250158
22	Dr.Zahoor	Kasur	Deputy Director (Agri.), Kasur	049-9250249	-	0333-7068042	
23	Azhar Nazeer	Kasur	DD (Livestock), Kasur	049-9250126	-	0323-4610446	-
24	M. Asghar	Kasur	SE(Wapda), Kasur	049-9250261	-	0301-6839926	-
25	Ms Tabinda Saleem	Kasur	DO Information	049-2772929	-	0300-8478879	-
26	Dr. Zafar Iqbal	Kasur	District Food Controller, Kasur	049-9250235	-	0313-4434474	-
27	Saif ullah	Kasur	DO Civil Defense, Kasur	049-9250068	-	0300-7564941	-
28	Tariq Shafique	Kasur	DO(IPWM), Kasur	049-2724682	-	0342-7670732	0494-610399
29	Hafiz Usman Ahmad	Kasur	Secy. DRTA, Kasur	049-9250156	-	0331-8627686	-
30	Ghulam Abas	Kasur	XEN (Building), Kasur	049-9250117	-	0322-4548759	-
31	Mansoor	Kasur	XEN Highway (M&R), Kasur	049-9250178	-	0333-6211695	-
32	Saad bin Shabir	Kasur	DD(Development)	049-9250136	-	0333-8000511	
33	Nazim Ayyaz	Kasur	Do Environment	049-2724588	-	03224037855	
33	Kamran	Kasur	CO Zila Council Kasur	--	-	0300-4541125	-

35	Waheed	Kasur	DD (LG), Kasur	-	-	0306-6809215	-
36	Fasial Saeed	Kasur	CEO LWMC	--	-	0321-2220920	-
37	Shakeel Waheed	Kasur	DMO LWMC	--	-	0315-4366787	-
38	Qazafi Aslam	Kasur	SNA, Kasur	049-2724931	-	0321-7148688	-
39	Ahsan Anwer	Kasur	Incharge Sui Gas	-	-	0335-4234141	-
40	-	Kasur	Am AXE Camp, Kasur	049-2724754	-	049-2724857	-
41	-	Kasur	Flood Warning Center Lahore	042-99205371-72	-	-	-
42	-	Lahore	MET (Weather Department)	042-99205367 to 72	-	-	-
43	<i>Irfan Ali Kathia</i>	Lahore	DG PDMA Lahore	042-99203165	-	0304-0920096	
44	Nisar Ahmad Sani	Lahore	Director Operation PDMA Lahore	042-99204405	-	0343-9209201	-
45	-	Islamabad	NDMA	051-9222373 051-9212444	-	-	-
46	Rashid Mahmood	Kasur	DDMC/Incharge District Emergency Operation Center (DEOC)/District Control Room Kasur	049-9250140	-	0315-4056806	-
47	Qazafi Aslam	Kasur	SNA / Incharge District Emergency Operation Center (DEOC)/District Control Room Kasur	049-2724931	-	0321-7148688	-

ANNEX XI: Local Government

District and Tehsil Level

S#	Designation	District/Tehsil Name	Name	Mobile Number
1	DDLG	Kasur/Kasur	Muhammad Waheed	0306-6809215
2	ADLG	Kasur/Kasur	Bilal	03454570647
3	ADLG	Kasur/Chunian	Zohaib	03204062675
4	ADLG	Kasur/Kot Radha Kishan	Fazeel	03228404810
5	ADLG	Kasur/Pattoki	Anosh	03104355790

ANNEX XI: Local Government

At Union Council Level

Sr #	District	Tehsil	Union Council Name	Union Council No	UC Secretary Name	Contact Number
1	Kasur	Kasur	1. Raja Jang Baroon	1	Muhammad Rafique	0301-4293424
2	Kasur	Kasur	2. Mir Muhammad	2	Saad Ullah	0301-4734640
3	Kasur	Kasur	3. Dafftu	3	Muhammad Aslam Additional Charge	0300-4539950
4	Kasur	Kasur	4. Sarhali Kalan	4	Ahmed Ali Shah	0331-4139677
5	Kasur	Kasur	5. Chathian Wala	5	Abdul Aleem	0300-7572788
6	Kasur	Kasur	6. Ibrahim Abad	6	Muhammad Aslam	0300-4539950
7	Kasur	Kasur	7. Lakhnay Kay	7	Muhammad Tariq	0345-4604088
8	Kasur	Kasur	8. Chak Buliana/ Qadiwind	8	Manzoor Ahmad	0322-7570941
9	Kasur	Kasur	9. Khara	9	Tariq Yasin	0321-7513400
10	Kasur	Kasur	10. Chirray Wan	10	Iftikhar Shah	306-1155973
11	Kasur	Kasur	11. Orara	11	Syed Mehmood Shah	0307-8461471
12	Kasur	Kasur	12. Rao Khan Wala	12	Muhammad Iqbal	0300-7579094
13	Kasur	Kasur	13. Theh Sheikhum	13	Muhammad Nadeem	0322-7614449
14	Kasur	Kasur	14. Hardo Sahari	14	Jafar Ali	0300-7577263
15	Kasur	Kasur	15. Kasur Baroon	15	Raffi Raza	0330-7577206
16	Kasur	Kasur	16. Nizam Pura	16	Bashir Ahmed	0300-6541200
17	Kasur	Kasur	17. Maan	17	Muhammad Ajmal	0321-4327878
18	Kasur	Kasur	18. Bhedian Kalan	18	Irshaad Ahmed Additional Charge	0321-6591260
19	Kasur	Kasur	19. Sehja	19	Muhammad Ajmal Additional Charge	0321-4327878
20	Kasur	Kasur	20. Fatuhi Wala	20	Muhammad Ishaq	0322-6587592
21	Kasur	Kasur	21. Sanda Chistana	21	Muhammad Irshad	0321-6591260
22	Kasur	Kasur	22. Sheikh Amad Kohna	22	Azam Mughal	3007574546
23	Kasur	Kasur	23. Bahadur Pura	23	Muhammad Abbas	030-6824702
24	Kasur	Kasur	24. Roshan Bhela	24	Muhammad Ayoob	0300-6590588
25	Kasur	Kasur	25. Kotli Rai Abu Bakar	25	Hakeem Bashir Ahmad	0300-6573567
26	Kasur	Kasur	26. Olakh Hithar	26	Zubair Ahmad Additional Charge	0300-4913769
27	Kasur	Kasur	27. Marali Hithar	27	Muhammad Shafique	0334-4997732

28	Kasur	Kasur	28. Khai Hithar	28	Muhammad Hussain	302-4194431
29	Kasur	Kasur	29. Khudian Khas Baroon	29	Muhammad Zubair	0300-4913769
30	Kasur	Kasur	30. Sanda Kalan	30	Muhammad Hussain Additional Charge	3227578951
31	Kasur	Kasur	31. Fateh Pur	31	Muhammad Munawer	0306-7579635
32	Kasur	Kasur	32. Hussain Khan Wala	32	Salamat Ali	0306-6812127
33	Kasur	Kasur	33. Bazeed Pur	33	Salamat Ali Additional Charge	0306-6812127
34	Kasur	Kasur	34. Goharr Hithar	34	Arshad Ali	0321-6578001
35	Kasur	Kasur	35. Thathi Usman	35	Arshad Ali Additional Charge	0321-8561873
36	Kasur	Kasur	36. Veeram	36	Aqeel Amjad Additional Charge	0300-6545792
37	Kasur	Kasur	37. Dholan Hithar	37	Aqeel Amjad	0300-6545792
38	Kasur	Kasur	38. Pial Kalan	38	Shoukat Ali Additional Charge	0301-6825864
39	Kasur	Kasur	39. Usman Wala	39	Shoukat Ali	0301-6825864
40	Kasur	Kasur	40. Rajowal Nau	40	Muhammad Ashraf	3007570586
41	Kasur	Chunian	41. Mokal	41	Khuda Bakhsh	0301-7982172
42	Kasur	Chunian	42. Rukan Pura	42	Sajjad Shah Additional Charge	0301-4540100
43	Kasur	Chunian	43. Lunday	43	Muhammad Iqbal	0306-4382247
44	Kasur	Chunian	44. Kangan Pur Baroon	44	Sajjad Shah	0301-4540100
45	Kasur	Chunian	45. Jamsheer Kallan	45	Moveed Ahmed	0304-4991599
46	Kasur	Chunian	46. Kotha Kallan	46	Amanat Ali Additional Charge	0308-4760017
47	Kasur	Chunian	47. Kull	47	Khuda Bakhsh Additional Charge	0301-7982172
48	Kasur	Chunian	48. Jajjal	48	Amanat Ali Additional Charge	0308-4760017
49	Kasur	Chunian	49. Dao Kay Khalyana	49	Amanat Ali	0308-4760017
50	Kasur	Chunian	50. Bhagiyana Khurd	50	Mukhtar Ahmad Additional Charge	0300-6549204
51	Kasur	Chunian	51. Talwandi	51	Mukhtar Ahmad Additional Charge	0300-6549204
52	Kasur	Chunian	52. Pakkoki	52	Mukhtar Ahmed	0300-6549204
53	Kasur	Chunian	53. Sareesar Hihtar	53	Sajjad Shah Additional Charge	0301-4540100
54	Kasur	Chunian	54. Dhuttay	54	Muhammad Iqbal Additonal Charge	0306-4382247
55	Kasur	Chunian	55. Rasool Pur	55	Muhammad Iqbal Additonal Charge	0306-4382247
56	Kasur	Chunian	56. Gehlan Hithar	56	Muhammad Athar	0303-9097397

57	Kasur	Chunian	57. Bhagiwal	57	Muhamamd Ashraf Additional Charge	0300-7570586
58	Kasur	Chunian	58. Arzani Pur	58	Ahsan Masood Additional Charge	0301-7982899
59	Kasur	Chunian	59. Jamsheer Khurud	59	Jamat Ali	300-6545042
60	Kasur	Chunian	60. Molla Pur	60	Inam Ul haq	0300-6548379
61	Kasur	Chunian	61. Jund Wala	61	Inam Ul haq Additional Charge	0300-6548380
62	Kasur	Chunian	62. Mundayki	62	Muhammad Abid Sial Additional Charge	0300-6969370
63	Kasur	Chunian	63. Chak No. 18	63	Rafique Ahmad Additional Charge	0304-4798791
64	Kasur	Chunian	64. Muhammadi Pur	64	Ahsan Masood Additional Charge	0301-7982899
65	Kasur	Chunian	65. Mojoki	65	Rashid Ali	0344-4959740
66	Kasur	Chunian	66. Rehman Pura	66	Muhammad Idress	0300-4682897
67	Kasur	Chunian	67. Wan Khara	67	Muhammad Idress Additional Charge	0300-4682897
68	Kasur	Chunian	68. Chunian Ottar	68	Rashid Ali	0344-4959740
69	Kasur	Chunian	69. Chunian Hittar	69	Muhammad Asghar	0300-7572689
70	Kasur	Chunian	70. Saddha	70	Jamat Ali Additonal Charge	300-6545042
71	Kasur	Chunian	71. Gid Pur	71	Iqbal Ahamd Additonal Charge	0301-6838045
72	Kasur	Chunian	72. Kando Khara	72	Muhammad Aslam	0300-9470512
73	Kasur	Chunian	73. Jago Wala	73	Muhammad Iqbal	0301-6838045
74	Kasur	Chunian	74. Deo Sial	74	Muhammad Aslam Additional Charge	0300-9470512
75	Kasur	Chunian	75. Tradeay Wala	75	Iqbal Ahamd Additonal Charge	0301-6838045
76	Kasur	Chunian	76. Wan Radha Ram	76	Mustaq Ahmed Additional Charge	0300-6591573
77	Kasur	Pattoki	77 Bopey Wal chak 23	77	Muhammad Yasin	0300-7030175
78	Kasur	Pattoki	78. Chak No. 7 Khothi Wala	78	Mustaq Ahmed	0300-6591573
79	Kasur	Pattoki	79. Chak No. 3	79	Zaka Ullah	0345-4971176
80	Kasur	Pattoki	80. Chak No. 35	80	Iftikhar Jutt	0300-8400766

81	Kasur	Pattoki	81. Chak No. 39 Awan	81	Sajid Rasheed	0345-4112746
82	Kasur	Pattoki	82. Sheikhum	82	Manzoor Ahmad	0302-4400516
83	Kasur	Pattoki	83. Chak No. 27 Dholan Ganja	83	Muhammad Yasin Additional Charge	0300-7030175
84	Kasur	Pattoki	84. Hanjray Kalan	84	Iftikhar Jutt Additional Charge	0300-8400766
85	Kasur	Pattoki	85. Megha	85	Iniat Ali	0301-7984053
86	Kasur	Pattoki	86. Alpa Kalan	86	Faqeer Muhammad Additional Charge	0345-6395184
87	Kasur	Pattoki	87. Hallah	87	Zaka Ullah Additional Charge	
88	Kasur	Pattoki	88. Baath Kalan	88	Faqeer Muhammad	0345-6395184
89	Kasur	Pattoki	89. Chak 45 Padhana	89	Adnan Ahmed Khan	0333-4403893
90	Kasur	Pattoki	90. Chak No. 44 Tara Garh	90	Yasin Nagra Additional Charge	
91	Kasur	Pattoki	91. Kot Akbar Abad/Sardar Kahan Singh	91	Muhammad Abid Sial	
92	Kasur	Pattoki	92. Sarai Noshehra	92	Mirza Akhtar Baig	0344-4646099
93	Kasur	Pattoki	93. Ballo Ki	93	Iftikhar Ahmed	0344-4265594
94	Kasur	Pattoki	94. Bhairwal Kalan	94	Muhammad Hussain	0345-4881477
95	Kasur	Pattoki	95. Naroki Maja	95	Iftikhar Jutt Additional Charge	
96	Kasur	Pattoki	96. Wan Adhan	96	Nasir Mehmood	0342-5787562
97	Kasur	Pattoki	97. Boany Ki Otar	97	Nasir Mehmood Additional Charge	0342-5787562
98	Kasur	Pattoki	98. Jambar Kalan	98	Muhammad Rafique	0304-4798791
99	Kasur	Pattoki	99. Jambar Khurd	99	Muhammad Ashraf	
100	Kasur	Pattoki	100. Khan Kay Morr	100	Muhammad Jamil Additional Charge	0304-4798791
101	Kasur	Pattoki	101 Olakh Bonga	101	Rana Zulfiqar Ali	0307-4314219
102	Kasur	Pattoki	102. Lamby jageer	102	Muhammad Ashraf Additional Charge	0300-4944960
103	Kasur	Pattoki	103. Gagga Sarai	103	Rana Zulfiqar Additional Charge	

111	Kasur	Pattoki	111. Bhagiana Kalan	111	Moeen Ud din	0300-4121114
112	Kasur	KRK	112. Mudke Dharewal	112	Nazir Ahmed	0300-4666330
113	Kasur	KRK	113. Chak No. 55	113	Javed Ali Adll	0300-6585830
114	Kasur	KRK	114. Zafar Ke	114	Javed Ali	0300-6585831
115	Kasur	KRK	115. Rosa Bhail	115	Muhammad Jhangir	0321-6562630
116	Kasur	KRK	116. Handaal	116	Muhammad Saeed	0300-9405166
117	Kasur	KRK	117. Pimmar Otar	117	Hassan Mughal	0308-8941619
118	Kasur	KRK	118. Natho Ki	118	Jalil Ahmed	0300-8883501
119	Kasur	KRK	119. Hallar Ke Pimaar	119	Akbar Ali	0345-4684434
120	Kasur	KRK	120. Chihna Ottar	120	Akhtar Ali	0321-1449182
121	Kasur	KRK	121. Chihna Arla	121	Muhammad Saeed Adll	0300-9405166
122	Kasur	KRK	122. Olakh Otar	122	Aslam Gill	0301-4483113
123	Kasur	KRK	123. Ram Thaman	123	Sarwar Dogar	0345-6401022
124	Kasur	KRK	124. Matta	124	Sarwar Dogar Adll	0345-6401023
125	Kasur	KRK	125. Bhamba	125	Muhammad Islam	0321-1449182

ANNEX XII: List of Swimmers / Divers

List of Swimmers / Divers of Punjab Emergency Service Kasur				
Sr.	Name	Fater's Name	Designition	Place of Posting
1	Muhammad Farooq	Nazeer Ahmad	FDR	Pattoki
2	Khurram Shehzad	Rana Anwar Ul Haq	FDR	Pattoki
3	Mudassar Ali	Muhammad Ali	FDR	Pattoki
4	Amir Ali	Muhammad Saddique	FDR	Pattoki
5	M Sajid Umar	Muhammad Sharif	FDR	Pattoki
6	Muhammad Amir Aziz	Abdul Aziz	FDR	Pattoki
7	Kamran Nazir	Nazeer Ahmad	FDR	Pattoki
8	Muhammad Asif	Muhammad Sadiq	FDR	Pattoki
9	M. Amjad	Muhammad AKhtar	FDR	Kasur
10	M Shahid	Fazal Din	FDR	Kasur
11	Asif Iqbal	Ch. Abdul Kareem	FDR	Kasur
12	Ikram Abbas	Muhammad Abbas Javed	FDR	Kasur
13	Khuram Shahzad	Ghulam Sarwar	FDR	Kasur
14	M. Tariq	Bashir Ahmad	FDR	Kasur
15	Mehboob Ahmed	Muhammad Anwar	FDR	Kasur
16	Mudassar Naeem	Wazir Ali	FDR	Kasur
17	Qutab Din	Farzand Ali	FDR	Kasur
18	Muhammad Jawad Ashiq	Muhammad Ashiq	FDR	Kasur
19	Qurban Ali	Amanat ALi	FDR	Kasur
20	Muhammad Nasir	Muhammad Ali	FDR	Kasur
21	M. Sohaib Umar	Muhammad Umer Shahid	FDR	Kasur
22	Ali Salman	Muhammad Sharif	FDR	Kasur

23	Muhammad Nadeem Akbar	Muhammad Akbar	FDR	Kasur
24	Muhammad Rizwan	Muhammad Rafiq	FDR	Kasur
25	Sajjad Ahmad	Abdul Wakeel	FDR	Kasur
26	Shafqat Ullah	Habib Ullah	FDR	Kasur
27	M. Bilal	Muhammad Shafi	FDR	Kasur
28	M. Umair	Muhammad Rafi Sadaat	FDR	Kasur
29	Mohammad Farooq	Khalil Ahmad	FDR	Chunian
30	Nadeem Amjad	Muhammad AKhtar	FDR	Chunian
31	Saleem Arif	Muhammad Ali	FDR	Chunian
32	Muhammad Arfan Ahmad	Mushtaq Ahmad	FDR	Chunian
33	Muhamad Arshad	Noor Muhammad	FDR	Chunian
34	Sajjad Rashid	Abdul Rashid	FDR	Chunian
35	Muhammad Arshad	Muhammad Riaz	FDR	Chunian

ANNEX XIII: LIST OF VOLUNTEERS

Civil Defense Volunteers

S#	Civil Defense Volunteer Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
1	Rafi Boota s/o BootaMasih	-	-	0300-6574763	-	-
2	Muhammad Sheraz s/o Muhammad Sadiq	-	-	0302-4322140	-	-
3	Muzafar Ali s/o Asghar Ali	-	-	0307-0493699	-	-
4	Muhammad Shaban s/o Muhammad Din	-	-	0301-4329100	-	-
5	Shrafat Ali s/o Muhammad Sharif	-	-	0320-4850194	-	-
6	Muhammad Shafique s/o Muhammad Ashiq	-	-	0301-4537432	-	-
7	Muhammad Akbar s/o Muhammad Ashraf	-	-	0320-6579668	-	-
8	Abid Hussain s/o Muhammad Rafique	-	-	0305-4233489	-	-
9	Muhammad Bilal s/o Abdul Rasheed	-	-	0309--4752682	-	-
10	Muhammad Saleemslo Muhammad Saddique	-	-	0323-7507283	-	-
11	Faqir Hussain s/o Muhammad Sharif	-	-	0301-4317162	-	-
12	Ali Shan s/o Muhammad Akbar	-	-	0300-6047593	-	-
13	Muhammad Ramzan s/o Muhammad Latif	-	-	0307-6267593	-	-
14	Adil Manzoor s/o Manzoor Hussain	-	-	0300-6047593	-	-
15	Zaheer-U-Din Babar s/o Bashir Ahmad	-	-	0301-4154021	-	-
16	Muhammad Rizwan s/o Hamid Ali	-	-	0348-4203277	-	-
17	Muhammad Iqbal s/oUmer Hayat	-	-	0301-6047593	-	-
18	Muhammad Ibrar Ashraf s/o Muhammad Ashraf	-	-	0303-2878475	-	-
19	Muhammad Nadeem s/o Muhammad Siddique	-	-	0324-4154314	-	-
20	Muhammad Arif s/o Abdul Rasheed	-	-	0302-6171901	-	-
21	Zeeshan Wahid Bhatti s/o Abdul Wahid	-	-	0307-2918621	-	-
22	Muhammad Irran s/o Muhammad Hanif	-	-	0323-0499811	-	-
23	Waseem Ali s/o Waris Ali	-	-	0307-6802232	-	-
24	Muhammad Ashraf s/o Barkat Ali	-	-		-	-

25	Muhammad Younas Bombal s/o Muhammad Yaqub	-	-	0324-4216132	-	-
26	Muhammad Ishtiaq Ahmad S/o	-	-	0307-8420704	-	-
27	Muhammad Tabassum Nazir s/o Nazir Hussain	-	-	0305-4189465	-	-
28	Muhammad Arshid Javed s/o Muhammad Sharif	-	-	0322-7581229	-	-
29	Rafaqat Ali s/o Liaqat Ali	-	-	0322-7588683	-	-
30	Dr Asghar Ali s/o	-	-	0306-4316604	-	-
31	Khalid Billa s/o Maher Arif	-	-	0308-8978491	-	-
32	Muhammad Javid s/o Khushi Muhammad	-	-	0301-6812427	-	-
33	Haji Muhammad s/o	-	-		-	-
34	Niamat Masih s/o Ujager Masih	-	-	0307-6828519	-	-
35	Muhammad Amjid s/o Abdul Mannan	-	-	0327-1165380	-	-
36	Muhammad Abdullah Bhatti s/o Muhammad Hanif	-	-	0301-4718277	-	-
37	Mubbashar Ali s/o Muhammad Irshaad	-	-	0307-4128358	-	-
38	Sohail Pitres s/o Pitres Masih	-	-	0304-4806464	-	-
39	Ali Hussan s/o Ashiq Hussain	-	-	0303-5238808	-	-

Rescue 1122 Volunteers

Sr. No	Sr. #	Name of Rescue Mohafiz	Contact No.	CNIC No.
Usman Wala				
1	1	Haroon Rasheed	0303-0001858	35102-5837436-5
2	2	Muhammad Waseem	0303-4566241	35102-7136175-9
3	3	Muhammad Ramzan	0308-4814620	35102-0681624-3

4	4	Usman Ali	0317-4268064	35102-4226064-1
5	5	Azhar Mahmood	0305-4136972	35102-6652743-1
6	6	Muhammad Samar Bilal	0306-4584422	35102-9198402-1
7	7	Aqsa	0303-4029543	35102-8151683-0
Shaikh Pura Nao				
8	1	Mirza Allah Wasaya	0300-9553437	35102-9390454-5
9	2	Shahid Mahmood	0301-4593711	35102-3496384-7
10	3	Mirza Majid Shahzad	0300-4659127	35102-9640357-3
11	4	Saif Ullah	0300-9090639	35102-3768576-1
12	5	Raheel Ijaz	0300-4430745	35102-6974965-9
13	6	Muhammad Faizan	0301-3189916	35102-57378707
14	7	Muhammad Ilyas	0303-4467305	35201-2573505-7
15	8	Muhammad Iqbal	0308-8108932	35102-8391021-1
16	9	Rashid Khan	0308-8108932	35102-4353262-9
17	10	Muhammad Farhan	0303-4467305	35201-2668677-3
18	11	Muhammad Arslan	0300-9191770	35102-3480826-5
Chattiyan Wala				
19	1	M Muneer Khalid	0300-7579519	35102-0657807-3
20	2	Ali Imran	0334-9788599	35202-3331046-5
21	3	M Farhan Azhar	0303-4102685	35102-5571312-3
22	4	M Amir Anyat	0307-6830930	35102-0187560-9
23	5	M Imran	0307-5265905	35102-6316212-1
24	6	Ayaz Akram	0322-7568241	35102-0332564-1
25	7	M Khalid Bashir	0307-4939349	35102-4302058-3

26	8	Irtaqa Lateef	0300-9400310	35102-2179022-3
27	9	M Afzal	0302-4633446	35102-4352363-5
28	10	Waseem Iqbal	0313-6517351	35102-5579068-5
29	11	Ozaifa Lateef	0302-4919104	35102-2274022-3
30	12	Farzana Miraaj	0300-9400310	35102-2652058-4
31	13	Zaib Un Nisa	0301-4131787	35102-8431107-6
32	14	Amina Lateef	0301-4131787	35102-8431202-6
Ibrahim Abad				
33	1	Shumaila Nawaz	0305-4707367	35102-0610431-2
34	2	Rafia Rani	0304-5089561	35102-6259480-8
35	3	Shaheen Zahid	0332-6583281	35102-7356232-4
36	4	Sidra	0302-4101963	35102-1095174-2
37	5	Asia Bibi	0305-5679475	35102-8692348-6
38	6	Mumtaz Bibi	Nil	35102-5711106-0
39	7	Shahida Bibi	0306-6062371	35102-4640168-2
40	8	Munawar Bibi	0303-9555601	35102-8912098-4
41	9	Shahbaz Ahmad	0300-9872000	35102-6110108-7
42	10	M Asghar	0307-4542972	35102-3628358-9
43	11	M Ashiq	0306-4018770	35102-4119627-3
44	12	M Amir	0300-4603467	42301-0850727-7
Lakhnay Key				
45	1	Noman Aleem	0308-9254806	35102-9062281-7
46	2	M Majid Latif	0300-7576796	35102-9622427-7
47	3	M Adnan	0308-2156830	35102-1024022-9
48	4	M Waseem	0301-6824836	35102-9084453-1
49	5	Jahanzaib Jaffar	0303-0947674	35102-5206309-1
50	6	M Obaid Akhter	0302-6091563	35102-9867312-7
51	7	Abu Safiyan	0302-6091563	Nil
52	8	Waleed Akhter	0307-8890949	35102-8370020-7
53	9	M Naveed	0304-1430407	35102-5787034-1
54	10	Azhar Ali	0305-5679475	35102-3841311-5
55	11	Manfosh Ali	0303-4469463	35102-0212284-3
56	12	Mubarak Ali	0307-7080716	35102-0315127-1

Beron Kasur				
57	1	Sidra Islam	0322-6586586	35102-6210823-2
58	2	Khadija	0324-6533749	35102-0686926-9
59	3	Sadaf	0321-4104454	35102-1852218-0
60	4	Saman Liaqat	0321-4574913	35102-0738608-6
61	5	Neha Sadiq	0306-0088621	35102-2691599-8
62	6	Razia Bibi	0323-7519454	35102-7955086-2
63	7	Saeeda	0321-6572024	35102-7265023-8
64	8	Rabia	0320-4125038	35102-0256350-0
65	9	Rabia Arif	0322-4177945	35102-9951242-6
66	10	Amna Kousar	0304-0413562	35103-8529403-8
67	11	Hafiza Munaza Shahzadi	0304-4575961	35102-1802331-0
68	12	Nagma Aslam	0309-4606672	35102-4911242-8
Bhaidian				
69	1	M Adnan	0302-4413566	35102-1120087-5
70	2	Salman Shafiq	0345-6445582	35102-2686208-1
71	3	Asif Ahmad	0301-4383358	35102-9556082-5
72	4	Abu Huraira	0308-0401923	35102-9285560-7
73	5	Raza Ullah	0303-0282355	35102-6421481-3
74	6	Touqeer Asghar	0304-1902939	35102-2373790-3
75	7	Talha Majeed	0301-4915304	35102-6835350-7
76	8	M Waseem	0308-2695046	35102-3599326-7
77	9	Zohaib	0307-5023484	35102-6595219-7
78	10	Ahsan	0333-3424168	35102-5706819-3
79	11	M Abid Latif	0336-6076062	35102-5782380-9
80	12	Shahzad Rafiq	0305-9514881	35102-5219869-9
Sehja				
81	1	M Shahbaz	0303-6303522	35102-3204189-5
82	2	M Ashraf	0307-4291966	35102-1211434-3
83	3	Basharat Ali	0300-8836621	35102-5466523-5
84	4	Abdul Sattar	0303-8874515	35102-7265400-9
85	5	Waris Ali	0305-6265464	35102-7514700-7
86	6	M Tariq	0303-7038966	35102-6809760-7
87	7	Mehmood Ali	0303-6063536	35102-9409434-1

88	8	Arif Ali	0307-0141576	35102-8984606-9
89	9	Irfan Rasheed	0300-0841882	35102-7344897-1
90	10	M Mushtaq	0300-4201084	35102-4029045-3
91	11	Arif Ali	0300-4820395	35102-0622372-7
92	12	Mirza Sharafat Ali	0302-6266159	35102-3938960-1
93	13	Qazi Aneeq Jahangir	0302-4313495	35102-8729597-3
94	14	Miraz Nouman	0301-4550787	35102-3020480-5
95	15	Saghir Ahmad	0302-4313495	35102-4712743-9
96	16	M Faraz	0301-5390744	35102-2316729-7
Fatohi Wala				
97	1	Sadia Maqbool	0305-4137583	35102-9167358-4
98	2	Musarat Shaheen	0308-4032784	35102-7845757-4
99	3	Nagina Saeed	0302-6819703	35102-2121251-4
100	4	Maria Saeed	0302-6819703	35102-3957374-0
101	5	Kiran	0310-4513372	35102-0263648-8
102	6	Gulshan Ashraf	0301-4216487	35102-7061206-0
103	7	Amina	0303-4487996	35103-8164312-8
104	8	Neelam Zubair	0306-1424093	35102-0272293-8
105	9	Waqas Ahmad	0302-4501024	35102-5180412-7
106	10	Arslan Umar	0303-9099355	35102-4820189-3
107	11	Tajamal Hussain	0306-1401416	35102-5005977-5
108	12	M Qasim	0305-4489135	35102-8817418-7
Sanda Chashtana				
109	1	Rashid Latif	0300-6594703	35102-6250866-7
110	2	Touqeer Ahmad	0300-6594703	35102-5694271-1
111	3	Sajjad Ahmad	0303-9095965	35102-6550632-3
112	4	Yasir Ali	0303-9099364	35102-2617073-7
113	5	M Usama	0305-9664898	35103-8684703-3
114	6	M Naveed	0303-9099364	35102-6835180-7
115	7	Zaki Ur Rehman	0302-4420112	35102-5644290-3
116	8	Munir Ahmad	0300-4021233	35102-0886665-3
117	9	M Nadeem	0304-5566987	35102-3681942-3
118	10	Kashif Ali	0303-7895533	35102-4352398-1

119	11	M Imran	0301-6834515	35102-1882676-8
120	12	M Imran	0301-7047842	35102-3371333-3
Beron Khudian				
121	1	Saif Ullah Asif	0302-4402819	35102-0688530-5
122	2	Tanveer Ahmad	0305-4514103	35102-4782548-3
123	3	Rashid Hussain	0302-4974697	35101-7710340-3
124	4	M Irfan	0309-7141502	35102-0681540-5
125	5	Waqar Ahmad	0303-6975287	35102-8246110-5
126	6	M Arslan	0309-7980655	35101-9957778-7
127	7	Anees Ur Rehman	0306-4079405	35102-9137908-7
128	8	Fiaz Hussain	0301-4992525	35102-7697996-1
129	9	M Arslan	0302-4141388	35102-0720560-7
130	10	Mudassar Hussain	0306-4647695	35102-2726502-3
131	11	M Bilal		35102-1441296-7
132	12	Ahsan Javed	0303-4404924	35102-5352413-5
Hussain Khan Wala				
133	1	M Ali Shah	0301-4467149	35102-8273944-9
134	2	M Rizwan Tabassum	0300-3896450	35102-9494504-5
135	3	M Naveed	0307-4370043	35102-3230629-5
136	4	Waseem Sajjad	0301-8946321	35102-6185021-5
137	5	M Asif	0307-4089210	35102-6122135-7
138	6	Amjad Hussain	0301-4499829	35102-7707273-5
139	7	Allah Ditta	0308-4148943	35102-2578302-7
140	8	Shoiab Ahmad	0303-4860737	35102-9523911-3
141	9	Riaz Ahmad	0308-4592088	35102-5562688-3
142	10	Asif Ali	Nil	35102-9563502-1
143	11	M Azam	0306-4030188	35102-3461523-5
144	12	Maqsood Ahmad	0302-4792202	35102-7489633-1
145	13	M Mustafa	0307-4190938	35102-8623941-3
146	14	Talib Hussain	0303-9097196	35102-8851759-9
147	15	Allah Wasaya	0306-6822410	35102-1381438-1
148	16	M Rizwan	0306-4550636	35102-8122647-5
149	17	Sami Ullah	0301-4835421	35102-6215638-7
150	18	Ikraam Ali	0302-4687130	35102-7759249-9

151	19	M Tahir	0301-6407244	35102-3640143-7
152	20	Ghulam Haider	0303-5568301	35102-3404893-7
153	21	M Boota	0301-5124913	35102-6788789-5
154	22	M Asif	0302-4856932	35102-9615680-1
155	23	Tanveer Ahmad	0307-4371329	35102-6792584-9
156	24	Shahbaz Ahmad	0300-7957013	35102-9485064-7
157	25	M Nadeem	0302-3372070	35102-5526975-1
158	26	Bilal Aslam	0301-3915885	35101-3185643-7
159	27	M Khalid	0303-4617327	35102-1771042-9
160	28	M Kashif	0302-7954189	35102-4979694-5
161	29	Qurban Ali	0304-4961443	35102-8347990-1
162	30	Muneer Ahmad	0300-6589106	35102-4424405-9
163	31	M Yasir	0300-4586640	35102-8529691-1
164	32	M Riaz	0306-5963365	35102-7006398-3
165	33	Sajid Ali	0305-4396883	35102-6868493-9
166	34	Asif Ali	0302-4855164	35102-3733083-9
167	35	Walait Ali	0300-4314501	35102-8722179-5
168	36	M Aqib Shahzad	0301-8934729	35103-5271277-1
Bazeed Pur				
169	1	Usman Zahoor	0300-4330860	35102-1324327-7
170	2	Nasir Mehmood	0304-4561286	35102-9330780-9
171	3	M Ehtsham	0308-9094992	35102-7993210-3
172	4	Qurban Ali	0303-4458684	35102-1026302-1
173	5	Saleem Ahmad	0307-2916041	35102-1026460-1
174	6	Mohsin	0306-8911476	35102-6471047-1
175	7	Hafiz Aqash Akram	0300-4280803	35102-8330671-1
176	8	Tanveer Ahmad	0301-6805238	35102-0260223-7
177	9	M Nasir	0307-7724120	35102-6044807-1
178	10	Abdul Hafeez Qudsi	0304-4095817	35102-0623858-7
179	11	Aftab Alam	0303-4069925	35102-6897012-0
180	12	Shoaib Majeed	0301-6800120	35102-0709312-3
Thati Usman				
181	1	M Shabbir	0304-4747068	35102-9624269-1

182	2	M Tariq	0307-4345860	35102-8647762-1
183	3	M Afzal	0305-9657018	35102-1770578-1
184	4	Arshad Ali Shah	0300-6587652	35102-0636729-1
185	5	Khalid Mehmood	0302-4525720	35102-0779253-3
186	6	Ghulam Mustafa	0308-6801216	35102-6575944-1
187	7	Bilal Ahmad	0301-6811079	35102-6197071-5
188	8	Adnan Ali	0304-4458347	35102-6263862-9
189	9	M Sufiyan	0312-4130932	35102-8199395-7
190	10	M Irfan	0331-4561382	35102-7855320-1
191	11	Saba Akbar	0306-6811303	35102-8848156-0
192	12	Tayyaba Ashiq	0306-4355899	35102-5155172-8
Dholan Hithar				
193	1	M Adnan Ayub	0304-4806720	35102-0497479-9
194	2	M Yasir	0300-4030808	35102-4033291-3
195	3	M Arslan	0309-4640194	35102-2022736-9
196	4	M Nadeem	0306-0945282	35102-4168378-3
197	5	Muratab Ali	0307-4144641	35102-0224599-9
198	6	Shahzaib Ali	0308-4747592	35102-9667432-9
199	7	M Lateef	0303-0654159	35102-3962687-3
200	8	Ameer Hamza	0304-9010998	35102-9755730-5
201	9	M Naveed	0302-4493661	35102-1720153-3
202	10	Nokhaiz Mehmood	0306-5769299	35101-4749459-3
203	11	Ayat Ullah	0302-6544697	35102-9847362-1
204	12	M Ramzan	0308-5427967	35102-3639669-1
Piyal Kalan				
205	1	Shakeel Ahmad	0302-4043636	35102-3738734-1
206	2	Adnan Amin	0304-9113308	35102-0643023-7
207	3	Mohsin Raza	0307-6055192	35102-0703992-3
208	4	Abdul Hafeez	0308-5566321	35102-6562411-1
209	5	Zunair Umer	0321-7781552	35102-6644623-7
210	6	Umair Ahmad	0308-6715866	35102-0544074-9
211	7	Umer Farooq	0309-7858402	35102-0273176-1
212	8	Ali Murtaza	0306-6825462	35102-2761130-1
213	9	Usman Anwer	0306-6825462	35102-4530266-9

214	10	Danish Ali	0302-9663630	35102-9368273-1
215	11	Husnain Asgher	0300-6543146	35102-2039730-5
216	12	Jameel Ahmad	0300-8079119	35102-3737689-1
Mandi Usman				
217	1	Zeeshan Ali	0302-4429849	35102-9098400-9
218	2	Salman Ashiq	0303-4307036	35102-3685110-7
219	3	Kashif Ali	0306-4278867	35102-7717418-1
220	4	Usman Zikriya	0301-8013305	35102-8800272-1
221	5	Haseeb Anjum	0305-7139289	35102-3336849-7
222	6	Sufyan	0309-2129520	35102-3535419-7
223	7	Kashif Sharif	0314-4513581	35102-3591886-5
224	8	Faisal Mehmood	0302-4289242	35102-3747582-3
225	9	Waseem Sajjad	0322-9719681	35102-1914234-3
226	10	Fizaan Riaz	0304-7573978	35102-1714214-3
227	11	Sadaqat Hussain	0314-4513581	35101-8450912-1
228	12	M Asif	0306-9636693	35102-4991425-3
Rajawal				
229	1	Abdul Jabbar	0307-7089656	35102-9244126-7
230	2	Abdul Majeed	0307-8834041	35102-9284931-3
231	3	Ijaz Ahmad	0300-4453661	35102-4114194-7
232	4	M Riaz	0301-6805461	35102-7046684-3
233	5	M Usman	0302-9663317	35102-2788537-1
234	6	Faiz Ullah	0301-4446435	35101-6033158-3
235	7	Shakeel Ahmad	0346-6421242	35102-9612308-9
236	8	Yousaf Masih	0324-4530451	35102-5037845-1
237	9	Sajid Maqsood	0302-6801983	35101-6164030-7
238	10	Allah Wasaya	0303-4309135	35102-5652719-3
239	11	Dilawar Niaz	0324-6636051	35102-2486571-9
240	12	M Shahid	0304-6349617	35102-4886253-5

ANNEX XIV:

LIST OF PREGNANT WOMEN, LACTATING WOMEN, NEONETAL AND PERSONS WITH DISABILITIES

Disasters severely impact vulnerable populations, particularly those living in disaster-prone mouza along rivers and hill torrents. Pregnant women, lactating mothers, neonates and persons with disabilities face increased health risks, including maternal and neonatal complications, malnutrition, infectious diseases, and psychological distress. The provincial Disaster Management authority (PDMA) Punjab plays a critical role in disaster response by ensuring timely medical assistance and reducing health risks for these high-risks groups.

The Data Collection Performa has been developed to systemically gather essential information to assess the health, nutritional status, and specific needs of vulnerable populations in flood affected and disaster-prone mouza. The collected data will support effective disaster response and recovery efforts, ultimately reducing morbidity and mortality.

Details of Pregnant Women

Sr. No	Name	Age	CNIC	Address	Contact No.	Nearest Health Facility Name dealing with pregnancy	Health Facility address	Gynecologist name	Gynecologist Contact Number
1	Iqra Suleman	22y	35102-6190784-8	Chant	03074104055	Govt Hospital BHU Sehjra	Balqes Center kasur	Sehrish Fatima	03000436967
2	Sadia Ali Sher	25y	35102-7521760-7	Chant	03280145669	BHU Sehjra	Safdar center kasur	Tayaba Nasem	03349406223
3	Fozia Khalid	28y	35102-4168163-6	Chant	03054070870	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
4	Sonia Usman	25y	35102-9106137-7	Chant	03004172932	BHU Sehjra	Balqes Center kasur	Sehrish Fatima	03000436967
5	Amina Zulfiqar	28y	35102-0653448-8	Chant	03086642654	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
6	Amina Afzal	29y	35102-8900001-0	Maboki	03039842182	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
7	Sonia Javed	32y	35102-9131294-3	Kamal Pura	03035212053	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
8	Sofia Waheed	25y	35102-6060032-1	Kamal Pura	03066827335	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
9	Tayiba Ramzan	32y	35102-4879096-8	Kamal Pura	03264349466	BHU Sehjra	BHU Sehjra	Aziza Bibi (Midwife)	03001615886
10	Uzama Sajad	26y	35102-2793958-1	Kamal Pura	03074899528	BHU Sehjra	BHU Sehjra	Aziza Bibi	03001615886
11	Toqeer Aqbal	21y	35102-5583170-0	Kamal Pura	Nil	BHU Sehjra	BHU Sehjra	Aziza Bibi	03001615886
12		30y	35102-5583170-0	Kamal Pura	Nil	BHU Sehjra	BHU Sehjra	Aziza Bibi	03001615886

	Shafaqat waseem								
13	Rabina Ahmad	32y	35102-8666621-2	Kamal Pura	03059763592	BHU Sehjra	BHU Sehjra	Aziza Bibi	03001615886
14	Humaira ismatullah	38y	35102-5354955-6	Dhoop sari	03041298214	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
15	Shabasona	25y	35102-0713895-3	Dhoop sari	03064262040	BHU Sehjra	BHU Sehjra	Aziza	03001615886
16	Tayyaba Amir	26y	35102-0664468-3	Dhoop sari	03024313425	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
17	Sabiha waseem	21y	35102-7946228-5	Dhoop sari	03037039175	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
18	Shaista Sakhwat	28y	35102-3315772-3	Dhoop sari	03288080542	BHU Sehjra	BHU Sehjra	Aziza	03001615886
19	Sadia Riasat	26y	35102-1806958-2	Dhoop sari	03211431645	BHU Sehjra	BHU Sehjra	Riffat Ayesha	03213871744
20	Soniya Illyas	35 yr	35102-62833322-5	Sehjra	0301-6571318	BHU Sehjra	BHU Sehjra	Aziza	03001615886
21	Noreen	24 yr		Sehjra	0305-6837607	BHU Sehjra	BHU Sehjra	Riffat Ayesha	03213871744
22	Samina Riaz	38 yr	35102-7905517-7	Sehjra	0307-4916384	BHU Sehjra	BHU Sehjra	Riffat Ayesha	03213871744
23	Iqra Asif	35 yr	35102-3254772-1	Sehjra	0304-7372483	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
24	Sadia Raffaq	38 yr	35102-531240-3	Sehjra	0302-4039424	BHU Sehjra	BHU Sehjra	Aziza	03001615886
25	Sadia Rasheed	37 yr	35102-4318616-1	Sehjra	0301-7071613	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
26	Ayesha	24 yr	35102-8794291-5	Sehjra	0302-5372629	BHU Sehjra	BHU Sehjra	Aziza	03001615886
27	Aqsa Majeed	27 yr		Sehjra	0302-4049228	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
28	Sobia Basharat	30 yr	35102-2517321-3	Sehjra	0303-4717473	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
29	Fozia Abid	31 yr	35102-1527323-4	Sehjra	0312-3778635	BHU Sehjra	BHU Sehjra	Aziza	03001615886
30	Rimsha Azam	26 yr	35102-3618742-2	Sehjra	0302-4370318	BHU Sehjra	BHU Sehjra	Riffat Ayesha	03213871744

Details of Lactating Women and Neonates In case of Emergency

Sr. No	Name	Age	CNIC	Addresses	Contact No.	Baby Age	Nearest pediatric care Facility	pediatric care Facility address	Pediatrician Name	Pediatrician contact No.
1	Samren Arfan	32	35102-8983841-6	Chant	03013081745	10/03/2025	BHU Sehjra	Sehjra	Aziza	03001615886
2	Kousar Nazeer	38	35102-9900239-3	Chant	03024163679	4/12/24	BHU Sehjra	Sehjra	Shagufta	03097881627
3	Rani Afzal	32	35102-0623116-8	Dona	03258036337	7/2/25	BHU Sehjra	Sehjra	Aziza	03001615886
4	Rabia waqar	37	35102-5305876-7	Dona	03088208301	24/2/25	BHU Sehjra	Sehjra	Shagufta	03097881627
5	Zainab Waqar	22	35102-3908310-8	Maboki	03074924052	3/3/25	BHU Sehjra	Sehjra	Shagufta	03097881627
6	Shakela Khalid	25y	35102-5511067-4	Kamal Pura	03054346536	26 Days	BBSH Kasur	BBSH Kasur	Shagufta	03097881627
7	Nazish Shakar Ali	20y	35102-1600370-6	Kamal Pura	03269601829	23 Days	BBSH Kasur	BBSH Kasur	Shagufta	03097881627
8	Razia yaseer	33y	35102-3882549-7	Kamal Pura	03061401464	24 Days	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
9	Nabila zahir	32y	35102-3801946-8	Kamal Pura	03034467705	3 Month	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
10	Shakeel wahed	32y	35102-0321696-4	Kamal Pura	03056927536	2 Month	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
11	Sofia Asif	36y	35102-8437199-3	Kamal Pura	03058580942	3 Month	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
12	Shumaila Abu sufyan	29y	35102-9876845-3	Kamal Pura	Nil	2 Month	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
13	Iram Manzor	26y	35102-0719952-1	Dhoop sari	03026806047	2 Month	BHU Sehjra	BHU Sehjra	Shagufta	03097881627
14	Asia Shairaffgian	36y	35102-8737787-6	Dhoop sari	03074905997	5Month	BHU Sehjra	BHU Sehjra	Shagufta	03097881627

15	Nazia sahbaz	20y	35102- 671007 8-2	Dhoop sari	03044215 538	4 Month	BHU Sehja	BHU Sehja	Shaguffta	03097881 627
16	Zobia Shabir	26y	35102- 351718 3-3	Dhoop sari	03220447 578	3 Month	BHU Sehja	BHU Sehja	Shaguffta	03097881 627
17	Kousar	31y	35102- 071394 5-3	Dhoop sari	03026806 047	2 Month	BHU Sehja	BHU Sehja	Shaguffta	03097881 627
18	Iqra Irfan	32y	35102- 620488 6-6	Dhoop sari	03036302 914	15 days	BHU Sehja	BHU Sehja	Shaguffta	03097881 627
Neonates in case of Emergency										
19	Hussnain Mehmoo d Din		35102- 536814 2-7	Sehja	0306- 4260212	12/01/20 25	BHU Sehja	BHU Sehja		
20	Amina Ashraf		35102- 354232 1-3	Sehja	0301- 6672617	23/12/24	BHU Sehja	BHU Sehja		
21	Awais Arfan		35102- 885161 2-3	Sehja	0302- 4830220	15/12/20 24	BHU Sehja	BHU Sehja		
22	Zubair Akram		35102- 017112 7-5	Sehja	0307- 5764636	5/11/202 4	BHU Sehja	BHU Sehja		

Details of Disabled Persons

Sr No	Name	Age	Gender (M/F)	CNIC	Contact No.	Type of Disability blind, limb, impairment, Hearing, Impaired, speech impaired Mental Disability others	Cause of Disability (birth, accident, disaster, disease, other)	Require any medical assistance during disaster (Y/N)	Name of Nearest Health facility	Nearest Health facility Address
1	M.Essa Suleman	2Years	M	05102- 91061 37-7	030 741 040 55	Limb disability	Birth	Yes	BHU Sehja	BHU Sehja

2	Jamela Maqsood	40Years	F	35102-0834740-4	03088113233	Limb disability	Accident	Yes	BHU Sehjra	BHU Sehjra
3	Sufyan Abdul sattar	16 years	M	35102-0653171-7	03064246621	Hand	Accident		BHU Sehjra	BHU Sehjra
4	Fezan Abdul satar	3Years	M	35102-0653171-7	03064246621	Mental imparred	Birth	Yes	BHU Sehjra	BHU Sehjra
5	Umer Farooq Rehmat ALI	8years	M	35102-6952368-5	03016830347	Limb imparred	Accident	Yes	BHU Sehjra	BHU Sehjra
6	M.Abdu llah Khalid	10Month	M	35102-5597850-3	03054070870	Blind imparred	Birth	No	BHU Sehjra	BHU Sehjra
7	Sadia sales	39y	F	35102-0646899-0	03084107951	Paralize	Disease	Yes	BHU Sehjra	BHU Sehjra

Psycho –Social Support During Emergency

Psycho –social support during disasters like floods is important because it helps people cope with stress, fear, and loss. It provides emotional care, counseling, and community support to reduce trauma and anxiety. This support is especially crucial for vulnerable groups like children, the elderly, and persons with disabilities. It strengthens resilience, helps people recover faster, and rebuild their lives with hope and stability.

ANNEX XV:

POLITICAL CONSTITUENCIES

NATIONAL CONTITUENCIES				
CONSTITUENCY NO.	NAME OF MNAs	PARTY	ADDRESS	CONTACT
NA-137	Saad Waseem Shaikh	PML(N)	Circular Road, Outside Mori Gate, Kasur C-407, Parliament Lodges, Islamabad	0323-2227999 0306-4158000
NA-138	Rasheed Ahmad Khan	PML(N)	Feteh Pur P/O Dost Pura , Teh & Distt. Kasur 106-E Block, Parliament Lodges, Islamabad.	0300-6599700
NA-139	Rana Muhammad Ishaq Khan	PML(N)	Gulzar Jageer, P/O Khas, Tehsil Pattoki District Kasur 312-G, Parliament Lodges, Islamabad.	0333-4511666
NA-140	Sardar Talib Naki	PTI	NA	03444442323 03008465577

PROVINCIAL CONSTITUENCIES				
CONSTITUENCY NO.	NAME OF MPAs	PARTY	ADDRESS	CONTACT
PP-177	Hashim Dogar	PTI	-----	0300-8389180 0321-3544260
PP-179	Peer Mukhtar Ahmad	PML (N)	-----	0300-9437936
PP-174	Muhammad Naeem Safdar Ansari	PML (N)	(a) Mohalla Wali Street, Syed All Ahmad Shah Colony, District Kasur (b) Madni Chowk, Munir Shaheed Colony, Shahbaz Khan Road, Kasur	0321-4451313
PP-175	Malik Ahmad Saeed Khan	PML (N)	Village Fateh Pur, Tehsil & District Kasur	0300-4004228
PP-176	Malik Muhammad Ahmad Khan	PML (N)	Khai Hithar P.O. Same Tehsil & District Kasur	0301-4404545
PP-182	CH M. Iliyas Khan	PML(N)	-----	0300-8493838 0300-0732323
PP-178	Sheikh Allauddin	PML (N)	(a) 19-N, Gulberg-II, Lahore. (b) Toyota Ravi, 37 Main Jail Road, Lahore.	042-37422945 0333-4197718

			(c) Kot Sandras Gilanwala, Tehsil Chunian, District Kasur	
PP-180	Sardar Muhammad Asif Nakai	PML(N)	(a) 470-E, Iqbal Park, Walton Road, Lahore Cantt (b) Wan Adhan Kalan, Pattoki, District Kasur	042-99214759 0344-5500000
PP-181	Rana Muhammad Iqbal Khan	PML (N)	(a) Rana Phool House, Lamby Jagir, Tehsil Pattoki District Kasur (b) 3-Upper Mall, Lahore.	042-99212761 0333-4511777

ANNEX XVI: DATA COLLECTION PROFORMAS

P1: House Damage Assessment

District: _____

Date: _____

S#	Name	Father Name	CNIC	Address	Revenue Estate	Union Council	Tehsil	Partially/Completely	Katcha/Pakka	%age of Damage	Contact No.	GPS Coordinates	Picture Taken (Y/N)
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P2: Deceased Person Reporting Proforma

District: _____

Date: _____

S#	Name of deceased	Fathers name	Address	Domicile	Gender	Age	CNIC	Cause of death	Date of death	Place of death	Marital status	Next of kins (Name and Contact and CNIC etc.)	Verifying Officer (Name, Designation and Contact)	Compensation Paid or not
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P3: Injured Person Reporting Proforma

District: _____

Date: _____

S#	Name of injured	Father' s name	Address	Domicile	Gender	Age	CNIC	Cause of injury	Date of injury	Injury Type (Permanent or Temporary)	Compensation Paid or not
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P4: Cattle Head Perished

District: _____

Date: _____

S#	Name of Farmer	Father Name	CNIC	Mauza	Tehsil	Type of Animals	Number of Animals (Cow, sheep etc.)	Vaccinated/Unvaccinated	Witness 1 name and contact No.	Witness 2 Name and Contact No.
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P5: Crop Damages

District: _____

Date: _____

S#	Tehsil	Qanoongoi	Union Council	Mauza	Farmer Name	Land owner/Tenant	CNIC of farmer	Contact number	Type of Crops	Total land affected (acres)	% of mauza affected
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P6: Relief Distribution Tracking Proforma

District: _____

Date: _____

S#	Location/ Destination	Arrival Date and time	Items	Quantity	Items short (if any)	Items sent by	Driver name	Received by	Bilty no
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P7: Private Machinery (Boats, Bulldozers, Cranes etc.)

In case of mega disaster that overwhelms the resources of the Government in certain area, the equipment of private owners are engaged to continue with evacuation, rescue or relief services. The following template is filled to maintain a record of boat owners that might be engaged at the time of a disaster.

District: _____

Date: _____

S#	Name of boat owner	Father name	Contact Number	Age	CNIC	Location of boat/Machinery	Type of Machinery (Boat, Bulldozers, Cranes etc.)	Engine type	Boat capacity	Equipment Condition	Number of Machinery
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P8: Relief camp registration Proforma

New entrants in the relief camps should be documented on a weekly basis by utilizing the following template:

District: _____

Date: _____

S#	Nationality	Domicile	Male	Female	Age	Children Under 12	Infants under 3	Sick	Injured	Pregnant

P9: NGOs registration proforma

All the Non-Governmental Organizations operating in the disaster affected areas should register themselves at PDMA's website. The following template has been developed for NGOs assisting the Government in disaster response.

District: _____

Date: _____

S#	Name of NGO	Local /INGO	Relief activity	Relief camp if any	Focal person in the district	Registered with PDMA	Foreigners to be visiting or not.

P10: Control Room

PDMA requires all districts to setup a control room at the incidence of a disaster. This control room would plan and execute a well-knit Governmental disaster response by bringing together all representatives of the various Governmental departments. This control room would be operational around the clock and PDMA must be informed about its operation and in-charge by filling the following template:

District: _____

Focal Person: _____

Date: _____

S#	Location of control room	Shift I Incharge Name and Contact	Shift II Incharge Name and Contact	Shift III Incharge Name and Contact	Phone Numbers	Fax Numbers	E- Mail Address

ANNEX XVII:

CAMP MANAGEMENT SOPS

- Camps would be established in areas accessible by metaled roads so that provision of essential facilities is not difficult
- Basic facilities such as food, clean drinking water, health, hygiene and sanitation should be available at these shelters.
- Proper registration mechanism should be in place to differentiate between those actually affected and cunning opportunists
- Proper security system should be in place in coordination with the local police as the presence of police always acts as deterrence for criminals who may be attracted to such places.
- Emergency medical care should be available as well as a proper firefighting system as fire out breaks are common in such tents
- Proper camp management should be announced and notified and there should be a complaint cell as well
 - A proper distribution mechanism should be in place to ensure that the needy get what they deserve.
- Scattered camps should be catered for and encouraged to join the main camp.
- At times shallow hand pumps are not safe for drinking as the water underground has been affected. In such cases clean medicated water should be provided through water bowsers.
- Vector control is an essential part of the camp management and steps should be taken to remove rats, snakes and mosquitoes etc.
- Un-accompanied and missing children shall be placed separately with proper care and fulfilment of their physical and psycho-social needs.
- Needs of women as per local and cultural environment shall be considered for establishing separate relief camps for ladies with provision of proper security and light arrangements.

Land	3.0-4.5 square meter per person
Shelter	3.5 square meter per person
Water	15-20 liters per person per day
Food	2100 kcal per person per day
Toilet	One per family of 6-10 persons
Health Centre	One per 20,000 persons
Child Friendly Spaces	2-4 year olds- 15 children:2 facilitators
	5-9 year olds-20 children : 2 facilitators
	10-18 year olds- 30 children :2 facilitators
Hospital	One for as many as 200,000 persons

ANNEX XVIII: FLOOD BUNDS

INFORMATION REGARDING FLOOD BUND CATEGORY A

SR:#	NAME OF DIVISION	NAME OF EMBANKMENT / BUND	LENGTH (ft)
SARGODHA ZONE			
1	Rasul Head works Division	Right Guide Bund	2,121
2	-do-	Left Guide Bund	3,360
3	-do-	Right Guide Spur	2,762
4	-do-	Left Marginal Bund	17,170
	Total in feet.		25,413
	Total in Miles.		4.81
1	Kalabagh H/Works Division	Jinnah Barrage	25,080
	Total in feet.		25,080
	Total in Miles.		4.75
FAISALABAD DIVISION			
1	Khanki Division	Left Marginal Bund	21,000
2	-do-	Right Marginal Bund	29,000
3	Jhang Division	Jhang Flood Protection Bund	43,875
4	Qadirabad Barrage Division	Left Marginal Bund	20,000
5	-do-	Right Marginal Bund	20,000
	Total in feet.		133,875
	Total in Miles.		25.36
BAHAWALPUR ZONE			
1	Punjad Head works Division	Right Marginal Bund	15,000
2	-do-	Left Marginal Bund	15,000
3	-do-	Colony Protection Bund	15,000
4	Khanpur Canal Division	Minchin Flood Bund	10,000
	Total in feet.		55,000
1	Trimmu Division -	Right Marginal Bund	20,000
2	do-	Left Marginal Bund	20,000
3	Sulemanki Division	Left Marginal Bund	10,000
4	-do-	Right Marginal Bund	10,000
5	Shuja Canal Division	Right Bank of Shujabad Branch	10,000
6	-do-	Akbar Flood Bund	10,000
	Total in feet.		80,000
	Total in Miles.		15.15
1	Taunsa Barrage	Right Guide Bund Upstream	15,000
2	-do-	Left Guide Bund	20,000
3	-do-	Shahwala Groyne	10,000
4	Muzaffargarh Canal Division	Muzaffargarh Flood Bund	50,000
5	-do-	Doaba Flood Bund.	5,000
6	-do-	Khangarh Flood Bund	5,000
7	-do-	Khanwah Flood Bund	5,000
8	Jampur Construction Division	Jampur Flood Bund	5,000
9	-do-	Rojhan Flood Bund	20,000
	Total in feet.		1,35,000

	Total in miles		25.57
LBDC(IP)			
1	Balloki Head works Division	Left Marginal Bund	15,000
2	do	Right Marginal Bund	15,000
	Total in Feet		30,000
	Total in miles		6
LAHORE ZONE			
1	FLOOD Bund Division Narowal	Jassar Highway Bund	10,000
2	do	Rayya flood Bund	5,000
3	Pasrur Link Division Sialkot	City Flood Protection Bund along Aik Nullah	7,340
4	do	Hajoipur Flood Protection Bund along Aik Nullah	86,00
5	do	Left Flood Protection Bund over deg Nullah from defence embankment to Zafarwala Kingra road	10,000
6	Marala Division UCC	Left Marginal Bund	50,000
7	do	Right Marginal Bund	10,000
8	Lahore Drainage Div.	Shahdara Flood Protection Bund	15,000
	Total in Feet		115,940
	Total in miles		22
	Grand total in miles		114

INFORMATION REGARDING FLOOD BUND CATEGORY B

S#	Name of Division	Name of Embankment / Bund	Length (ft.)
SARGODHA ZONE			
1	Rasul Headworks Division	Important / Vulnerable Reaches	10,000
2	Bhakkar Division	-do-	10,000
3	Layyah Division	-do-	10,000
4	Jhelum Division	-do-	5,000
	Total in feet.		35,000
	Total in miles		6.63
FAISALABAD ZONE			
1	Khani Division	-do-	20,000
2	Jhang Division	-do-	50,000
3	Qadirabad Barrage Division	-do-	60,000
4	Burala Division	-do-	35,000
	Total in feet.		165,000
	Total in miles		31.25
BAHAWALPUR ZONE			
1	Punjnad Headworks Division	-do-	90,000
2	Khanpur Canal Division	-do-	100,000
3	Bahawalpur Canal Division	-do-	50,000
4	Rahimyar Canal Division	-do-	50,000
	Total in feet.		290,000

		Total in miles	54.92
MULTAN ZONE			
1	Trimmu Division	-do-	80,000
2	Suleimanki Division	-do-	50,000
3	Shujabad Canal Division	-do-	60,000
	Total in feet.		190,000
	Total in miles		35.98
D.G.KHAN ZONE			
1	Taunsa Barrage	-do-	80,000
2	Kot Adu Canal Division	-do-	90,000
3	Muzaffargarh Canal Division	-do-	180,000
4	River Diversion Division	-do-	80,000
5	Jampur Construction Division	-do-	140,000
6	D.G.Khan Construction Division	-do-	60,000
	Total in feet.		630,000
	Total in miles		119.32
LBDC (IP)			
1	Balloki Headworks Division	-do-	40,000
2	Okara Division	-do-	40,000
3	Sahiwal Division	-do-	20,000
	Total in feet.		100,000
	Total in miles		18.94
LAHORE ZONE			
1	Flood Bund Division Narowal	-do-	40,000
2	Pasrur Link Division Sialkot	-do-	10,000
3	Chakbandi Division	-do-	20,000
4	Marala Division UCC	-do-	50,000
5	Lahore Drainage Division	-do-	80,000
6	Kasur Division	-do-	80,000
7	Gujranwala UCC	-do-	100,000
8	Rachna Drainage	-do-	42,000
	Total in feet.		422,000
	Total in miles		79.92
PMO BARRAGES			
1	Jinnah Barrage	-do-	20,000
	Total in feet.		20,000
	Total in miles		3.79
	Grand Total (in miles)		350.76

ANNEX XIX:

RIVER DISCHARGE RATES

River	Gauge Site	Designed Capacity	Low	Flood Limits in Lac Cs.			Exp. High
		(lac Cs)		Med:	High	Very High	
INDUS	Kalabagh	9.5	2.5	3.75	5	6.5	8
	Chashma	10	2.5	3.75	5	6.5	8
	Taunsa	10	2.5	3.75	5	6.5	8
JHELMUM	Kohala	12	1	1.5	2	3	4
	Mangla	10.6	0.75	1.1	1.5	2.25	3
	Rasul	8.5	0.75	1.1	1.5	2.25	3
CHENAB	Marala	11	1	1.5	2	4	6
	Khanki	8	1	1.5	2	4	6
	Qadirabad	9	1	1.5	2	4	6
	Trimmu	6.45	1.5	2	3	4.5	6
	Punjnad	7	1.5	2	3	4.5	6
RAVI	Jassar	2.75	0.5	0.75	1	1.5	2
	Ravi Syphon	4	0.4	0.65	0.9	1.35	1.8
	Shahdara	2.5	0.4	0.65	0.9	1.35	1.8
	Balloki	2.25	0.4	0.65	0.9	1.35	1.8
	Sidhnai	1.5	0.3	0.45	0.6	0.9	1.3
SUTLEJ	G.S.Wala	10 ft.	19.5	21.5	23.3	25.3	2
	Suleimanki	3.25	0.5	0.8	1.2	1.75	2.25
	Islam	3	0.5	0.8	1.2	1.75	2.25
	Mailsi Syphon	4	0.75	1.1	1.5	2.25	3

ANNEX XVIII:

LIST OF BASIC TERMS

Acceptable risk

The level of loss a society or community considers it can live with and for which it does not need to invest in mitigation

Biological hazard

Biological vectors, micro-organisms, toxins and bioactive substances, which may cause the loss of life or injury, property damage, social and economic disruption or environmental degradation.

Capacity

A combination of all the strengths and resources available within a community, society or organization that can reduce the level of risk, or the effects of a disaster.

Capacity may include physical, institutional, social or economic means as well as skilled personnel or collective attributes such as leadership and management. Capacity may also be described as capability.

Capacity building

Efforts aimed to develop human skills or societal infrastructure within a community or organization needed to reduce the level of risk. In extended understanding, capacity building also includes development of institutional, financial, political and other resources, at different levels of the society.

Climate change

The climate of a place or region is changed if over an extended period (typically decades or longer) there is a statistically significant change in measurements of either the mean temperature or variability of the climate for that region.

Coping capacity

The means by which people or organizations use available resources and abilities to face a disaster. In general, this involves managing resources, both in normal times as well as during crises or adverse conditions.

Disaster

A serious disruption of the functioning of a community or society causing widespread human, material, economic or environmental losses which exceed the ability of the affected community or society to cope using its own resources. It results from the combination of hazards, conditions of vulnerability and insufficient capacity to reduce the potential negative consequences of risk.

Disaster risk management (DRM)

The comprehensive approach to reduce the adverse impacts of a disaster. DRM encompasses all actions taken before, during, and after the disasters. It includes activities on mitigation, preparedness, emergency response, recovery, rehabilitation, and reconstruction.

Disaster risk reduction/disaster reduction

The measures aimed to minimize vulnerabilities and disaster risks throughout a society, to avoid (prevention) or to limit (mitigation and preparedness) the adverse impacts of hazards, within the broad context of sustainable development.

Early warning

The provision of timely and effective information, through identified institutions, to communities and individuals so that they could take action to reduce their risks and prepare for effective response.

Emergency management

The management and deployment of resources for dealing with all aspects of emergencies, in particularly preparedness, response and rehabilitation

Forecast

Estimate of the occurrence of a future event (UNESCO, WMO). This term is used with different meanings in different disciplines.

Geological hazard

Natural earth processes that may cause the loss of life or injury, property damage, social and economic disruption or environmental degradation. For example earthquakes, tsunamis, volcanic activity and emissions, landslides, rockslides, rock fall or avalanches, surface collapses, expansive soils and debris or mud flow.