

DISTRICT DISASTER MANAGEMENT PLAN 2018

Division:
District:

Faisalabad
Jhang



IDP Camp in 2009



Earthquake



Floods in 2014



Drought

Prepared by:

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XX

Estimated number of people at risk of **floods** in 2018



of total population

Risk: High

XX

Estimated number of people at risk of Hill Torrent in 2018

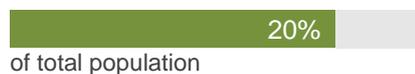


of total population

Risk: Medium

XX

Estimated number of people at risk of earthquake in 2018

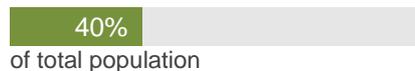


of total population

Risk: Low

XX

Estimated number of people at risk of epidemic in 2018



of total population

Risk: Medium

EXECUTIVE SUMMARY

District Jhang is a land of two rivers Chenab and Jhelum. Floods normally hit the district during the monsoon season starting from early July to late August while overflow of river Chenab and Jhelum in August & September is main cause of flood in Jhang.

The plan integrates the standard operating procedures (SOP's) of various provincial government departments , and proposes a consistent approach for reporting damages and need assessment for relief.

The plan has been designed on the risk management standards engaging the philosophy of a multi agencies and multi structure approach to risk minimization. The plan identifies the risk environment for the district Jhang and outlines the key institutional and programing components relative to effective risk management and emergency response and recovery.

AIM AND OBJECTIVES

The plan is aimed to manage emergencies by putting in place requisite mitigatory measures using available resources 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 (DDMA) and other district stakeholders to set priorities and provide directions for disaster management;
- To define the roles of various stakeholders in disaster management during all the three phases i.e. pre, during and post disaster activities;
- To raise awareness amongst 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, I/NGOs);

DISTRICT PROFILE

Socio-Economic Indicators (Average)

S.No.	Particulars	Numbers
1.	Population	2834535 /2744000
2.	No. of Tehsils	4
3.	No. of UCs	91
4.	No. of Revenue Estates	724
5.	Population Density (people per km ²)	321.8/km ² (sq mi)
6.	Family Size	4
7.	Pop Growth Rate	2.16%
8.	PCI	\$ 1386 Rs. 145530/12127
9.	District GDP/Annual Income	12127 R.S
10.	Poverty Rate	22%
11.	Patient/Doctor Ratio	2500/Doctor
12.	AMR	8 DEATHS/ 1000 POPULATION
13.	IMR	74/1000 LIVE BIRTH
14.	MMR	225/100,000 BIRTHS.
15.	Literacy Rate	55%
16.	Global Acute Malnutrition (GAM) rate	15.9%
17.	Severe Acute Malnutrition (SAM) rate	4.1%
18.	Percentage of population having access to clean drinking water	20%
19.	Annual Crime	5338 (in 2015)

Population

Total	Male (above 18)	Female (above 18)	Minor (M) (less than 18)	Minor (F) (less than 18)	Vulnerable People (PLWs, disabled, aged)
2834535	775059	724475	693295	621865	19841

Source/Note: Bureau of Statistics, 2016

Number of Dwelling Units	Kaccha (Mud/clay)	Pakka (Bricks & Morter)
283668	56732	133321

Source/Note: Punjab Development Statistics, 2016

Area (in acres)

Total Area of District in Km ²	Area under cultivation in Hectares
6171	1188577

Source/Note: Punjab Development Statistics, 2016

Literacy Rate

Overall	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
55%	62%	32%	66%	53%	64%	42.5%

Source/Note: DO Literacy

Government Schools

Private Schools

Government Schools				Private Schools			
		Schools	Enrollment			Schools	Enrollment
Total/ Overall		1476	324445	Total/ Overall		673	186643
Boys	Primary	367	50134	Boys	Primary	102	18531
	Middle	104	37497		Middle	260	25480
	High	100	69147		High	93	12726
Girls	Primary	741	92364	Girls	Primary	200	30531
	Middle	89	24548		Middle	253	25480
	High	75	50755		High	130	5447
Co-Education	Primary	-	-	Co-Education	Primary	50	49762
	Middle	-	-		Middle	-	-
	High	-	-		High	-	-
Special Education		9	784	Special Education		2	33

Source/Note: DO Literacy

Higher/Technical/Professional Education (Public & Private)

Particulars	College	Universities	Professional	Technical	Commerce	Total
No of Institution	11	2	2	14	8	31
No of Students	3500	-	256	2322	1560	6338

Health Facilities

Particulars	Primary	Secondary	Tertiary	Private Hospital	Total
No. of Facilities	69	04	-	-	73
Annual OPDs	1990759	1548633	-	-	3539392
No of beds	336	355	-	-	691
Doctors Available	96	176	-	-	272
Paramedical staff	528	143	-	-	671
Ambulances available	-	-	-	-	-
Mobile Medical Units	Nil	--			Nil

Livestock: Small Animals (goats, sheep etc.): 656320

Big Animals (cows, buffalos, camel etc.): 1239380

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

Agriculture	Livestock	Poultry	Fish Farming	Services (Public & Pvt)	Business	Expatriates	Industrial Labor	Skill ed Labor	Unskilled Daily Labor	General Labor
45%	25%	4%	2%	5%	3%	2%	4%	2%	3%	5%

Disaster History - Floods (since 1970)

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	1973	275477	73	24	9836	4360	210M	530M
2	1992	707432	19	22	7728	3525	190M	430M

3	2010	113060	4	18	695	432	175M	210M
4	2013	60996	3	6	1433	574	46M	350M
5	2014	460726	11	159	14648	11800	2118M	2100M

Disaster History – Other disasters (since 1970) (NIL) Not Applicable

S#	Year	Disaster Type	No. of people affected	No. of deaths	Remarks
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

General Information

Particulars	Detail
Neighboring districts and their vulnerabilities	Toba Tek Singh, Bhakhar, Khushab, Faisalabad, Layyah, Khanewal, Sargodha, Chiniot
Topographical Features	
Weather/Climate pattern	e.g. max. and min. temperature, annual precipitation, storms, heat waves, snow fall etc. The climate here is mild, generally warm and temperate. The rainfall in Jhang is significant, with precipitation even during the driest month. The average annual temperature is 21.8 °C in Jhang. At an average temperature of 32.5 °C, June is the hottest month of the year. At 10.2 °C on average, January is the coldest month of the year. The rainfall here averages 679 mm. Precipitation is the lowest in November, with an average of 9 mm. In August, the precipitation reaches its peak, with an average of 166 mm. Between the driest and wettest months, the difference in precipitation is 157 mm. The variation in annual temperature is around 22.3 °C. Annual precipitation/Rain Fall: 385 mm
Major Rivers	Name of river, passing through areas along with length in the district Major Barrages and their Flood levels River Chenab (147Km) River Jhelum (63Km) Major Barrages : Head Trimmu Flood levels. Medium upto 2.01 LAC TO 3.0 LAC CUSECS High Flood 3.01 LAC TO 4.5 LAC CUSECS Normal Low Flood 1.5 LAC TO 2.0 LAC CUSECS
Major Nullahs / Streams	Name of river, passing through areas along with length in the district Flood levels 03 (Havily Mainline, Trimmu Sadhani, Rangpur canal) and 43 Branches
Motorway/Highway	Vulnerable points of motorway/highway NIL
Railways	Vulnerable points of Railway Revaz Bridge at Chenab River near Chund Bharwana

Geological features	<p>e.g. fault line, mountainous areas etc.</p> <p>Jhang is the oldest District in the sub-continent, has been established around 2000 BC, When it was known as “Jhang Sial”. Jhang is bordered by Sargodha District to the North, Faisalabad District & Toba Tek Singh District to the east, Khanewal District & Muzaffargrah District to the south, Layyah District & Bhakkar District to the North West.</p> <p>The fauna and flora of the area include: Jand trees (<i>Prosopis picigera</i>), Karir (<i>Capparisaphylla</i>), Beri (<i>Zizyphus jayaba</i>), Van (<i>Salvadoraabeoides</i>), Kikar (<i>Acacia arbica</i>), Shisham (<i>Dalbergia spp.</i>) and Aak (<i>Calotropoisha miltonit</i>) are found within the area.</p>
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Dams (including small dams)

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

Major Embankments/Bunds

Name of Embankment	Length (km)	Starting Point (Revenue Estate /Tehsil Name)	Ending Point (Revenue Estate /Tehsil Name)	Name of Critical/ vulnerable Points	GPS Location of Critical/ Vulnerable Points	Remarks
Jhang Flood Protection Bund	21.64	Vijhina , Jhang	Thatta Mahla , Jhang	RD 0+000 to 8+000	X:31.372652, Y: 72.357144	
Thatta Mahla Flood Bund	15.55	Ballu Shahable	Mukhyana	RD 4+000 to 9+000	X:31.414410, Y: 72.432822	
Loop Band	3.51	Ballu Shahable	Ballu Shahable		X:31.397743, Y:72.401791	

Breaching Section

Name of Bund/ Embankment	Name of Breaching Section	Location with GPS Coordinates	Remarks
Chenab	Revaz Bridge	X: 31.404482 Y: 72.297813	Breaching Section is under the Control of Railway Department
Jhelum	Head Trimmu	X: 31.145152 Y: 72.145577	Breaching Section is under the Control of Chief Engineer irrigation Department

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

Name	Capacity	GPS Coordinates	Name	Capacity	GPS Coordinates
Grid Station Toba road	132-KV	X:31.25246021	Grid Station Havli Bahadar Shah	132-KV	X:31.0733227

Jhang -I		Y: 72.32353985			Y: 72.18614537
Grid Station Chiniot Morr Jhang-II	132-KV	X:31.29153388 Y: 72.36638546	Grid Station Sargodha Road Morr Mandi	132-KV	X:31.5619149 Y: 72.2611758
Grid Station Chiniot Road Khewa	132-KV	X:31.4572337 Y: 72.4735227	Grid Station Shorkot City	132-KV	X:30.8318336 Y: 72.0764437
Grid Station Shorkot Cantt, Chuttiana	132-KV	X: 30.7910088 Y: 72.2393399	Grid Station 18-Hazari	66-KV	X: 31.1957696 Y: 72.04803944
Haveli Bahadur Shah Power Plant					

Airport / Landing Strips

Type	Area Name	GPS Coordinates	Type	Area Name	GPS Coordinates
Air Base	Raffqui air base shorkot	X: 30.755296, Y:72.280260			X: Y:
Land strips	Not defidend	X: Y:			X: Y:

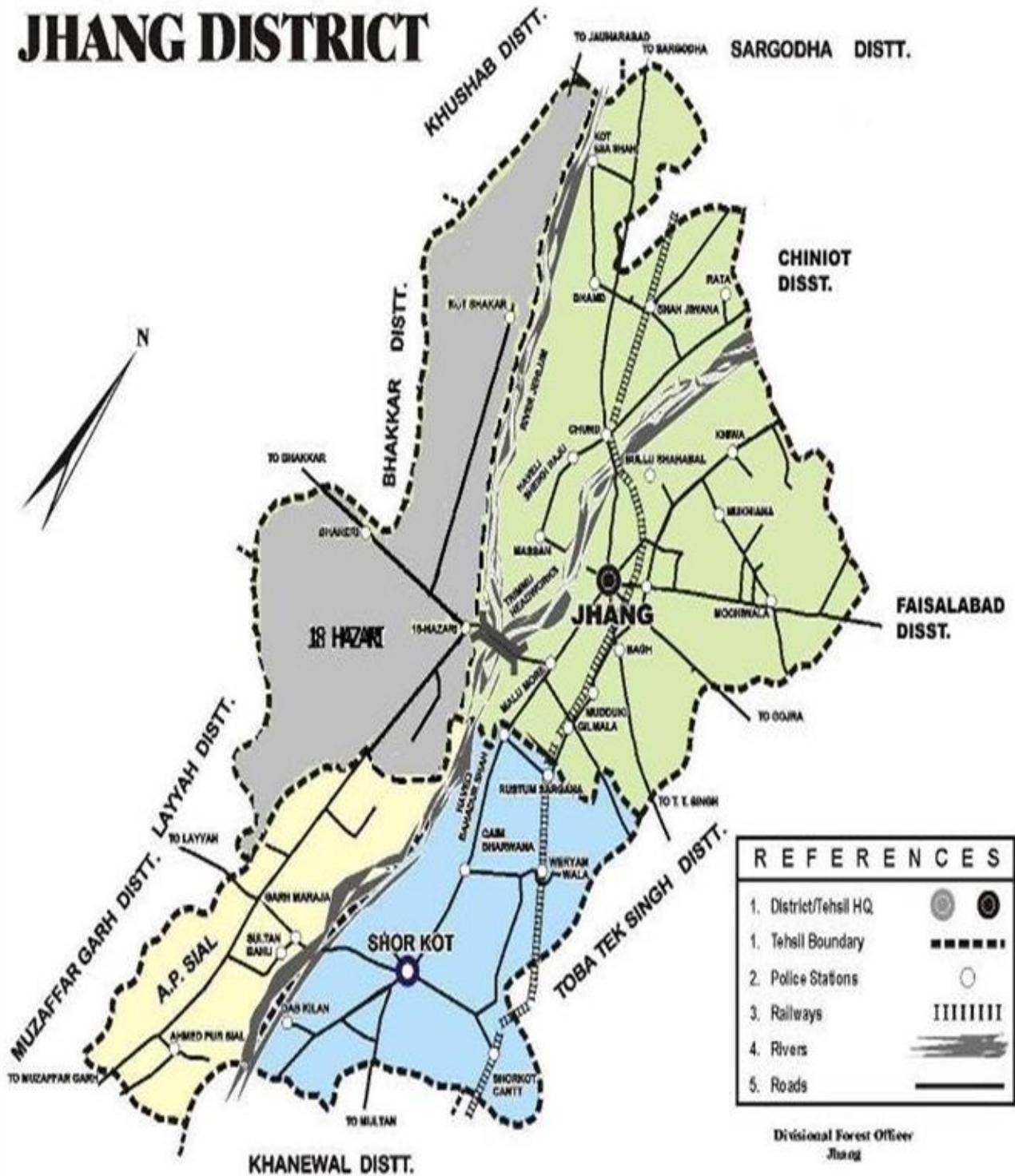
Govt. storage facilities/warehouses in the district

Facility Type	Capacity (M.Tons)	Location with GPS Coordinates	Facility Type	Capacity	Location with GPS Coordinates
Jhang Set-I House type Godowns	12000	X:31.152514 Y: 72.192599	Chak Kuriana Bini Shell Godowns	57000	X: 31.192668 Y: 72.214921
Jhang Set-II House type Godowns	10000	X:31.152030 Y: 70.193225	Mochiwala House type Godowns	5000	X:31.180922 Y: 72.334528
Jhang Set-III House type Godowns	9000	X:31.152520 Y: 72.213285	Chak No. 170 House type Godowns	6000	X:31.221072 Y: 72.324163
Shorkot City House type Godowns	3000	X:30.493334 Y: 72.043231	Rustam Sargana House type Godowns	1600	X:31.023675 Y: 72.150349
Shorkot Cantt.	7000	X:30.471103	Ahmad Pur Sial	10500	X:30.413289

House type Godowns		Y: 72.142246	House type Godowns		Y: 71.442233
Garh More House type Godowns	21000	X:30.512465 Y: 71.505617	Waryan House type Godowns	1600	X:30.573364 Y: 72.152194
Shah Jewana House type Godowns	9500				

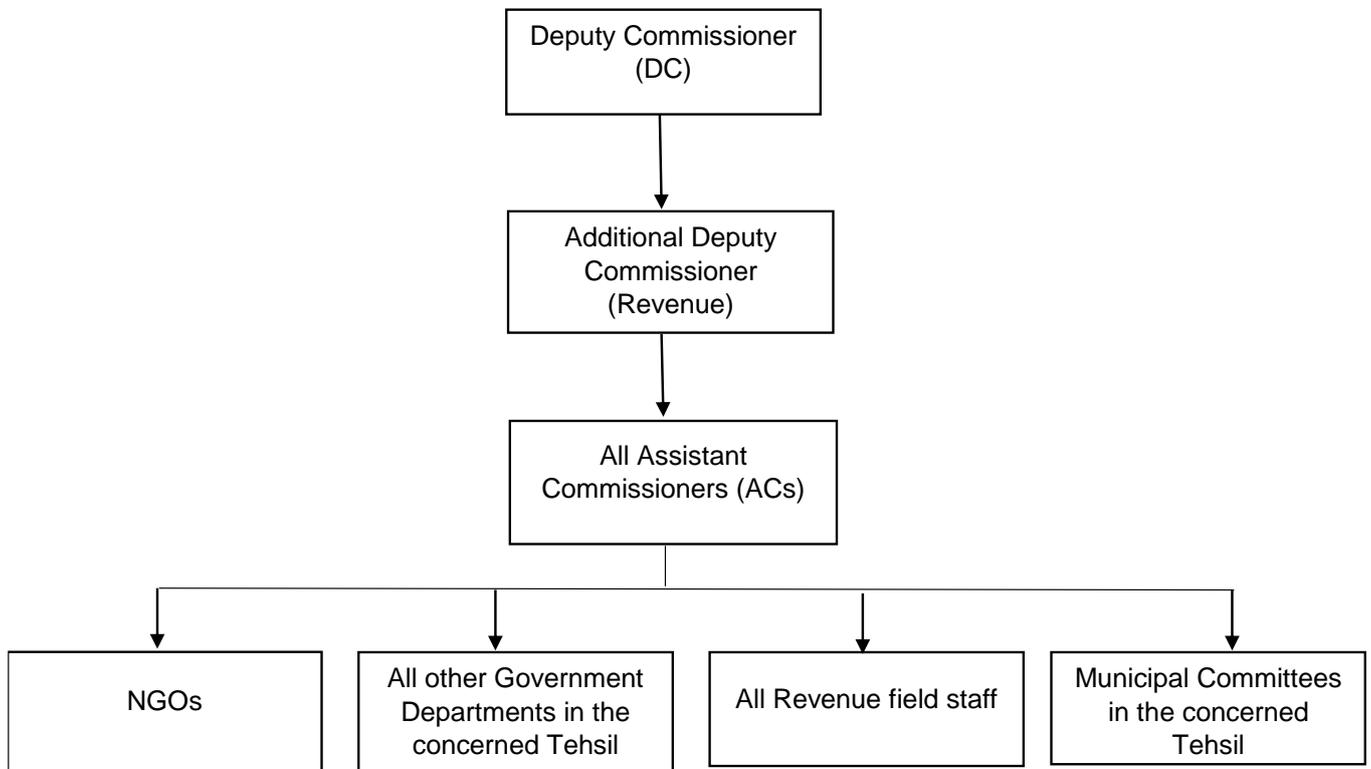
District baseline/reference map

Map of JHANG DISTRICT



Source:

COORDINATION MECHANISM



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:

- a) prepare a disaster management plan.
- b) coordinate and monitor the implementation of the National Policy, Provincial Policy, National plan, Provincial Plan and District Plan;
- c) 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;
- d) 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;
- e) 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;
- f) 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 programmes for different levels of officers, employees and voluntary rescue workers in the district;
- j) facilitate community training and awareness programmes 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 centres 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) Every District of the Province will maintain a plan for disaster management.
- b) The District Plan shall be prepared by the District Authority in accordance with 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 will 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 all the departments.
- 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 vulnerable areas.
- 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 amongst all the concerned departments. The control rooms should be equipped with wireless, telephones and computers. All information 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 SystemNetwork 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 defence 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: vulnerable areas
- Liaison of Patwari with Numberdars of their respective villages
- Contacts of all revenue staff posted near river belts and their output in floodprone 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

Municipal Committees

- Municipal Committees play an important role for providing municipal services in the district, sanitation facilities, maintenance of parks and removal of encroachment etc.
- Municipal Committees will provide assistance to the DDMA/District Administration for setting up and management of relief camps/ operations.
- Municipal Committees are responsible for provision of sanitation facilities in their respective municipalities besides disposal of waste or rain water/sewerage.
- Municipal Committees are equipped with trucks, water bowsers, 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.
- Sanitary workers of Municipal Committees can be employed for cleaning relief camps, or other such areas which has been affected by any disaster.
- Municipal Committees should keep de-watering sets functional to remove excess water. All Municipal Committees are required to ensure the maintenance of all dewatering sets prior to the monsoon season. The Municipal Committees maintain a list of all the choking points where rainy water accumulates as a result of heavy storms which can cause urban flooding.
- Municipal Committees should ensure supply of clean drinking in overhead reservoirs and ensure supply to the affected areas or relief camps through water bowsers. Clean drinking water is a major issue and requirement during any disaster.

- In case of any disaster that requires people to be relocated, the Municipal Committees will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort the, manpower of the Municipal Committees 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)

- District Disaster Management Authorities 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.
- DDMA's 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 Deputy Commissioner. The office of the DC fully supported by the DPO and line departments such as Health, Agriculture, Livestock, Civil Defence, 1122 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 .
- 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. Assistant Commissioner will ensure that announcements are made through loudspeakers of the mosques utilizing the services of the Revenue Department. Patwaris will inform the Chairmen UCs, s Numbardars, Headmasters of the Schools, Imam Masjids and Councillors to make announcements etc.
- The tactical operations would be headed by the Additional Deputy Commissioner (Revenue). The ADC (R) would be responsible for coordinating and supervising the disaster control and relief measures in the district.
- District Disaster Management Authority comprising the following has been notified.
 - i. Deputy Commissioner, (Chairman)
 - ii. District Police Officer, Jhang
 - iii. Additional Deputy Commissioner (General), Jhang
 - iv. Additional Deputy Commissioner (Revenue), Jhang
 - v. Additional Deputy Commissioner (F & P)
 - vi. Sheikh Muhammad Akram MNA Jhang.
 - vii. Khalid Mehmood Sargana MPA Jhang
 - viii. Chief Executive Officer District Education Authority, Jhang
 - ix. Chief Executive Officer District Health Authority Jhang
 - x. Executive Engineer Highways, Jhang
 - xi. Executive Engineer Buildings, Jhang
 - xii. XEN Irrigation Department Jhang Division, LCC (W) ,Jhang

- xiii. XEN Irrigation Department Trimmu Barrage Division Trimmu
- xiv. XEN Irrigation Department Sargodha Division, L JC ,Sargodha
- xv. XEN Operations, FESCO, WAPDA Jhang
- xvi. Deputy Director Agriculture, Jhang
- xvii. Deputy Director Livestock, Jhang
- xviii. Deputy Director Social Welfare, Jhang
- xix. District Officer Special Branch, Jhang
- xx. Assistant Commissioner, Jhang
- xxi. Assistant Commissioner, Shorkot
- xxii. Assistant Commissioner, AP. Sial
- xxiii. Assistant Commissioner, 18-Hazari
- xxiv. District Emergency Officer Rescue 1122 ,Jhang
- xxv. M.S DHQ Hospital, Jhang
- xxvi. District Disaster Management Co-coordinator, Jhang
- xxvii. Secretary DRTA, Jhang
- xxviii. Chief Officer Zila Council ,Jhang
- xxix. Chief Officer Municipal Committee Jhang
- xxx. Chief Officer Municipal Committee Shorkot
- xxxi. Chief Officer Municipal Committee AP Sial
- xxxii. Chief Officer Municipal Committee 18-Hazari
- xxxiii. President Global welfare society Shahjewna.
- xxxiv. General Secretary Idara Taraqi-e-Khawateen, Jhang

- District administration / DDMA will establish a Disaster / Flood control room at the DC office, telephone numbers of the control room will be circulated to all concerned. The Flood Control Room has to maintain updated information regarding the threat of disaster and post disaster statistics. The center will maintain a regular communication with the Flood Forecasting Division or the dam authorities up stream in case of a flood.
- District administration / DDMA will 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.
- Chief Executive Officer District Health Authority 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.
- Deputy Director (Agriculture) and Additional Director 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 paramedical staff.

Pre-disaster Check list for DDMA

- Meeting of DDMA held
- Identification of vulnerable areas
- Identification of Safe places
- 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)

A Disaster Emergency Control Room working around the clock during the emergency will be established in the office of the Deputy Commissioner Jhang having following functions and responsibilities:

- The control room is the center in terms of disaster management.
- To monitor, coordinate and implement the actions for disaster management.
- Periodic check to ensure that all warnings, communication systems and instruments are in working condition.
- To receive reports on the preparedness of the district level departments and the resources at their disposal to arrange and meet their requirements.
- To maintain an inventory of all resources.

- To give warning signals as per the need of the hour.
- To collect and transmit information concerning natural calamities and relief at all levels.
- To make arrangements for dissemination of information to all vulnerable places.
- To brief the media of the situations and furnish the day-to-day reports to the State Disaster Management Committee during disasters.
- To report the ground situation and the action taken by the District Administration accordingly.

Checklist for Control Room:

- Dedicated Staff as per magnitude of the disaster
- Duty roster 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 Defence 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 programme 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 Paksitan Army's resources are employed for immediate search, rescue and evacuation. The Army is called in the 'Aid of Civil Power' only when a disaster overwhelms the resources at the disposal of the Government of Punjab. The Deputy Commissioner of the affected district would request the relevant Army Authorities for aid of Army upon the approval of the Home Department. The Standard Operating Procedure for requesting the support of the Army is submission of request by the Deputy Commissioner through Home Department, and the Ministry of Defense.

Volunteer Network

E.g. how many registered volunteers, how to activate them, who will coordinate with them etc.

The office of Civil Defence assists in the evacuation of people and their household properties from the disaster affected areas. The office engages a large number of volunteers for search, rescue, evacuation and disbursement of relief goods. These volunteers generally known as "Razakars" are usually trained in swimming, basic rescue techniques, first aid etc. Razakars build their skills in simulation and mock exercises. The Civil Defence collaborates with Punjab Emergency Services (Rescue 1122) in sophisticated search, rescue and evacuation operations.

The District officer organizes mobile squads of Razakars and scouts in collaboration with local wardens and scout organizations to assist local administration/army, Rescue 1122 in evacuation and other disaster response activities. Razakars manage and utilize generators, search lights, and other life saving equipment. Razakars that know how to swim and dive are utilized for specialized water rescue. Razakars provide first aid to injured victims before transporting them to hospitals. These volunteers also assist the fire brigade in rescue, and Health department's representatives in the treatment of injured

victims. The Civil Defence also assists the District Administration and Police in setting up information system for members of public, whose relatives, friends and family members are missing

Registered Volunteers Rescue 1122:30 (ANNEX –IX) page 65

Registered Volunteers Civil Defence: 35 (ANNEX –X) page 67

RISK ANALYSIS

1. Potential hazards of the district

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

Risk = Impact x Likelihood

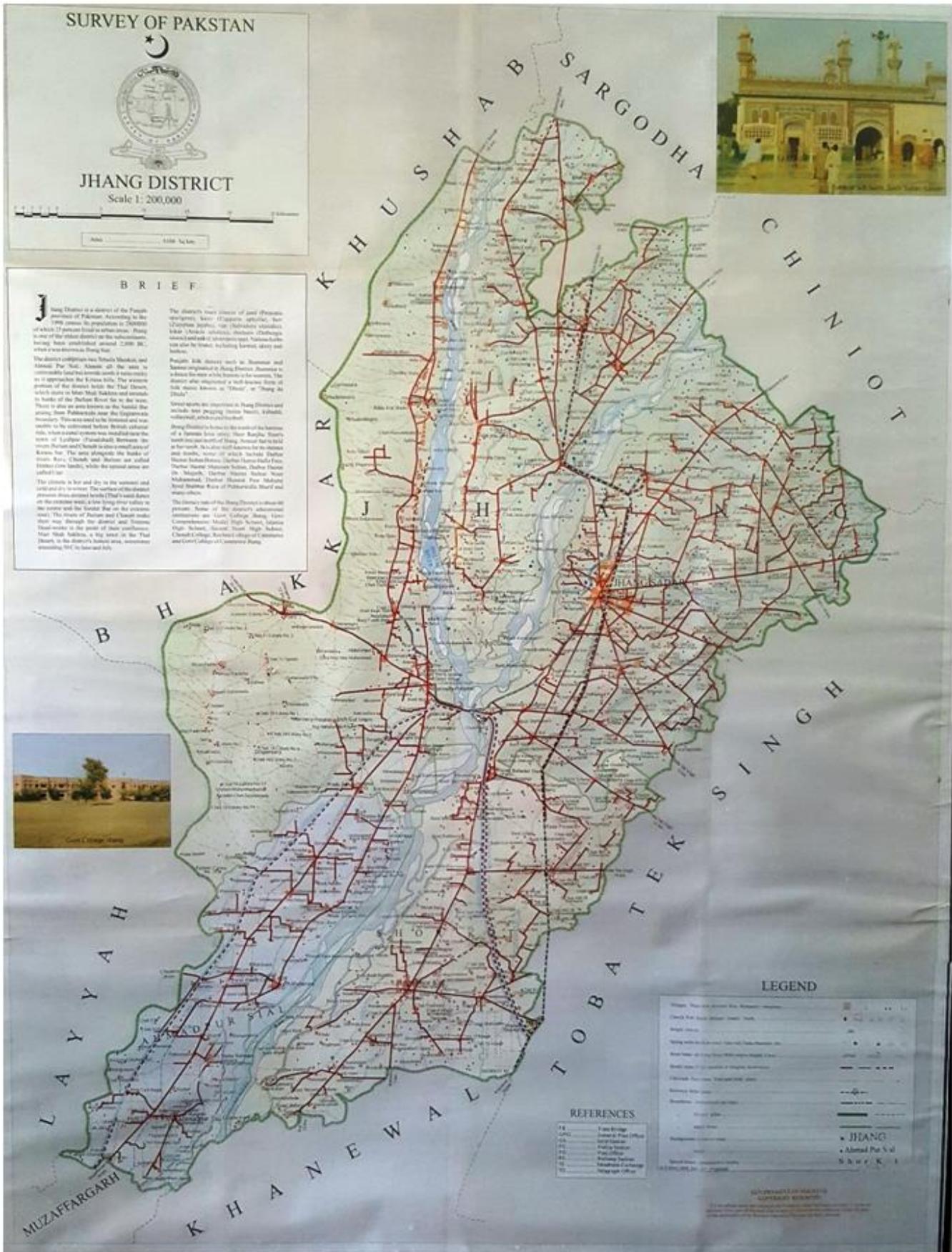
Low : 1-7
 Medium : 8-14
 High : 15-25

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*

Floods, Urban Flooding, Flash Floods, Traffic Accidents, Fire Incidents. Flood severity increases due to illegal encroachment and construction of the buildings inside bund area.

District detail map with vulnerable points, hazards, planned camps, health facilities, warehouses etc.



Source:

3. Response & Operational Capacity

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

- Pre-Flood warning through field staff and loud speakers to the general public in the Kacha areas.
- Establishment of Flood relief centers at various points at Tehsil.
- Availability of human Medicine and veterinary medicine facilities in flood affected areas.
- Rescue operation during flood.
- Provision of food items and tents to the flood affected areas.
- The District Authorities should, at all times, be ready to give assistance to the disaster victims with the available means and resources.
- On receipt of first hand information, the Assistant Commissioners would arrange for necessary proclamation for moving to the safer places already notified to the public.
- Help of police in cases of forcible evacuation shall invariably be tendered
- If real emergency strikes and the normal means of rescuing the affected population are considered inadequate, a SOS shall be sent to the army deputed in the area for help. All agencies whether official or private shall be put into operation for protecting the human life and property.

Total NGOs working in the District: 27 (ANNEX-VI) page 63

4. Strategic Reserves (Rescue 1122)

S. No.	Items	Available	Functional	Non-Functional	Extra Demand
1	Boats	50	49	1	0
2	Boat Engines	50	50	0	0
3	Spray Machine	0	0	0	0
4	Dewatering Sets	0	0	0	0
5	Bulldozers	0	0	0	0
6	Buses	0	0	0	0
7	Road Roller	0	0	0	0
8	Fog Machine	0	0	0	0
9	Fire Brigade	3	3	0	0
10	Life Jackets	1173	1173	0	0
11	Life Rings	217	217	0	0
12	OBM	50	50	0	0
13	Life Buoy	217	217	0	0
14	Scuba diving suit with complete accessories	3	3	0	0
15	First Aid Kits	15	15	0	0
16	Rescue Bags	40	40	0	0
17	Safety Harnesses	2	2	0	0
18	Rescue Vehicle	1	1	0	0
19	Recovery Vehicle	1	1	0	0
20	Extendable Ladders	3	3	0	0
21	Hydraulic Cutter	1	1	0	0
22	Jumping Sheet	1	1	0	0
23	Boat Carrier/Trolleys	6	6	0	0
24	Searchlight	135	135	0	0
25	Generator Sets	1	1	0	0
26	Gas-Cutters	1	1	0	0
27	Scuba Diving Set	5	5	0	0
28	Cars	0	0	0	0
29	Jeeps	1	2	0	0
30	Pickups/Jeeps/4x4 vehicles/Mini Trucks	2	2	0	0
31	Mini Trucks	1	2	0	0
32	Ambulances	11	11	0	0
33	Water Tanks/Bouzers	1	2	0	0
34	Tractors	0	0	0	0
35	Single Cabin Hlux	0	0	0	0
36	Double Cabin Hilux	0	0	0	0
37	Trollies	0	0	0	0
38	Walkie Talkie	70	70	0	0

39	Any Other	Rescue Vehicle=01 Recovery Vehicle=01	Rescue Vehicle=01 Recovery Vehicle=02	0	0
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5. Strategic Reserves (Municipal Committee Jhang, District Jhang)

S. No.	Name of Item	Available	Functional	Non-Functional	Extra Demand
1	Boats	0	0	0	0
2	Boat Engines	0	0	0	0
3	Spray Machine	20	0	0	0
4	Dewatering Sets	32	32	0	0
5	Bulldozers	0	0	0	0
6	Buses	0	0	0	0
7	Road Roller	0	0	0	0
8	Fog Machine	15	15	0	0
9	Fire Brigade	2	0	0	0
10	Life Jackets	0	0	0	0
11	Life Rings	0	0	0	0
12	Cars	2	2	0	0
13	Jeeps	0	0	0	0
14	Pickups	0	0	0	0
15	Mini Trucks	0	0	0	0
16	Ambulances	0	0	0	0
17	Water Tanks/Bouzers	2	2	0	0
18	Tractors	21	21	0	0
19	Single Cabin Hulux	0	0	0	0
20	Double Cabin Hilux	0	0	0	0
21	Trollies	11	0	0	0
22	Any Other	0	0	0	0

6. Strategic Reserves (Municipal Committee Shorkot, District Jhang)

S. No.	Items	Available	Functional	Non-Functional	Extra Demand
1	Boats	0	0	0	0
2	Boat Engines	0	0	0	0
3	Spray Machine	17	17	0	0
4	Dewatering Sets	3	3	0	0
5	Bulldozers	0	0	0	0
6	Buses	0	0	0	0
7	Road Roller	0	0	0	0
8	Fog Machine	4	4	0	0
9	Fire Brigade	1	1	0	0
10	Life Jackets	0	0	0	0
11	Life Rings	0	0	0	0
12	Cars	2	2	0	0
13	Jeeps	0	0	0	0
14	Pickups	0	0	0	0
15	Mini Trucks	0	0	0	0
16	Ambulances	0	0	0	0
17	Water Tanks/Bouzers	2	2	0	0
18	Tractors	4	4	0	0
19	Single Cabin Hulux	0	0	0	0
20	Double Cabin Hilux	0	0	0	0
21	Trollies	2	2	0	0
22	Any Other (Generator Sets (All types))	4	4	0	0

7.Strategic Reserves (Municipal Committee Ahmad Pur Sial District Jhang)

S. No.	Items	Available	Functional	Non-Functional	Extra Demand
1	Boats	0	0	0	0
2	OBM	0	0	0	0
3	De-watering sets	2	2	1	0
4	Navigators	0	0	0	0
5	GIS devices	0	0	0	0
6	Life Jackets	0	0	0	0
7	Life Ring	0	0	0	0
8	Life Lines	0	0	0	0
9	Scuba diving suit with complete accessories	0	0	0	0
10	First Aid Kits	0	0	0	0
11	Rescue Bag	0	0	0	0
12	Sewer Safety Equipment	1	1	0	0
13	Ambulances	0	0	0	0
14	Fire Brigade	1	1	0	0
15	Water Tanks / Bouzers	1	1	0	0
16	Extendable Ladders	0	0	0	0
17	Hydraulic Cutter	0	0	0	0
18	Sonar Rader	0	0	0	0
19	Jumping Sheet	0	0	0	0
20	Dumpers	0	0	0	0
21	Excavators	0	0	0	0
22	Cranes	0	0	0	0
23	Bulldozer	0	0	0	0
24	Tractor/Trolleys	2	2	0	0
25	Pickups/Jeeps/4x4 vehicles/Mini Trucks	1	1	0	0
26	Searchlight	1	1	0	0
27	Tent	0	0	0	0
28	Mosquito Net	0	0	0	0
29	Plastic Mat	0	0	0	0
30	Blanket	0	0	0	0
31	Generator Sets (All types)	2	2	0	0
32	Gas-Cutters	0	0	0	0
33	Sonar Radars	0	0	0	0
34	Scuba Diving Set	0	0	0	0
35	Navigator/GPS Tracker	0	0	0	0
36	Hydraulic Cutter	0	0	0	0
37	Floating Rope	0	0	0	0
38	Any other	0	0	0	0

8.Strategic Reserves (Municipal Committee Garh Maharaja)

S. No.	Items	Available	Functional	Non-Functional	Extra Demand
1	Boats	0	0	0	0
2	OBM	0	0	0	0
3	De-watering sets	2	2	0	0
4	Navigators	0	0	0	0
5	GIS devices	0	0	0	0
6	Life Jackets	0	0	0	0
7	Life Ring	0	0	0	0
8	Life Lines	0	0	0	0
9	Scuba diving suit with complete accessories	0	0	0	0
10	First Aid Kits	0	0	0	0
11	Rescue Bag	0	0	0	0
12	Safety Harnesses	0	0	0	0
13	Ambulances	0	0	0	0
14	Fire Brigade	0	0	0	0
15	Water Tanks / Bouzers	1	1	0	0
16	Extendable Ladders	0	0	0	0
17	Hydraulic Cutter	0	0	0	0
18	Sonar Rader	0	0	0	0
19	Jumping Sheet	0	0	0	0
20	Dumpers	0	0	0	0
21	Excavators	0	0	0	0
22	Cranes	0	0	0	0
23	Bulldozer	0	0	0	0
24	Tractor/Trolleys	2	2	0	0
25	Pickups/Jeeps/4x4 vehicles/Mini Trucks	1	1	0	0
26	Searchlight	1	1	0	0
27	Tent	270	270	0	0
28	Mosquito Net	0	0	0	0
29	Plastic Mat	260	260	0	0
30	Blanket	0	0	0	0
31	Generator Sets (All types)	2	2	0	0
32	Gas-Cutters	0	0	0	0
33	Sonar Radars	0	0	0	0
34	Scuba Diving Set	0	0	0	0
35	Navigator/GPS Tracker	0	0	0	0
36	Hydraulic Cutter	0	0	0	0
37	Floating Rope	0	0	0	0
38	Boat Engines	0	0	0	0
39	Spray Machine	4	0	0	0
40	Buses	0	0	0	0
41	Road Roller	0	0	0	0
42	Fog Machine	1	0	0	0
43	Cars	0	0	0	0
44	Jeeps	1	0	0	0
45	Water Tanks/Bouzers	1	0	0	0
46	Single Cabin Hlux	0	0	0	0
47	Double Cabin Hilux	0	0	0	0
48	Any Other	0	0	0	0

Strategic Reserves (Health)

S. No.	Items	Available	Functional	Non-Functional	Extra Demand
1	Boats	0	0	0	0
2	OBM	0	0	0	0
3	De-watering sets	0	0	0	0
4	Navigators	0	0	0	0
5	GIS devices	0	0	0	0
6	Life Jackets	0	0	0	0
7	Life Ring	0	0	0	0
8	Life Lines	0	0	0	0
9	Scuba diving suit with complete accessories	0	0	0	0
10	First Aid Kits	0	0	0	0
11	Rescue Bag	0	0	0	0
12	Safety Harnesses	0	0	0	0
13	Ambulances	19	0	0	0
14	Fire Brigade	0	0	0	0
15	Water Tanks / Bouzers	0	0	0	0
16	Extendable Ladders	0	0	0	0
17	Hydraulic Cutter	0	0	0	0
18	Sonar Rader	0	0	0	0
19	Jumping Sheet	0	0	0	0
20	Dumpers	0	0	0	0
21	Excavators	0	0	0	0
22	Cranes	0	0	0	0
23	Bulldozer	0	0	0	0
24	Boat Carrier/Trolleys	0	0	0	0
25	Pickups/Jeeps/4x4 vehicles/Mini Trucks	0	0	0	0
26	Searchlight	0	0	0	0
27	Tent	0	0	0	0
28	Mosquito Net	3000	3000	0	0
29	Plastic Mat	0	0	0	0
30	Blanket	0	0	0	0
31	Generator Sets	0	0	0	0
32	Gas-Cutters	0	0	0	0
33	Sonar Radars	0	0	0	0
34	Scuba Diving Set	0	0	0	0
35	Navigator/GPS Tracker	0	0	0	0
36	Hydraulic Cutter	0	0	0	0
37	Floating Rope	0	0	0	0
38	Any Other	0	0	0	0

Strategic Reserves (Social Welfare)

S. No.	Items	Available	Functional	Non-Functional	Extra Demand
1	Boats	0	0	0	0
2	OBM	0	0	0	0
3	De-watering sets	0	0	0	0
4	Navigators	0	0	0	0
5	GIS devices	0	0	0	0
6	Life Jackets	0	0	0	0
7	Life Ring	0	0	0	0
8	Life Lines	0	0	0	0
9	Scuba diving suit with complete accessories	0	0	0	0
10	First Aid Kits	0	0	0	0
11	Rescue Bag	0	0	0	0
12	Safety Harnesses	0	0	0	0
13	Ambulances	0	0	0	0
14	Fire Brigade	0	0	0	0
15	Water Tanks / Bouzers	0	0	0	0
16	Extendable Ladders	0	0	0	0
17	Hydraulic Cutter	0	0	0	0
18	Sonar Rader	0	0	0	0
19	Jumping Sheet	0	0	0	0
20	Dumpers	0	0	0	0
21	Excavators	0	0	0	0
22	Cranes	0	0	0	0
23	Bulldozer	0	0	0	0
24	Boat Carrier/Trolleys	0	0	0	0
25	Pickups/Jeeps/4x4 vehicles/Mini Trucks	0	0	0	0
26	Searchlight	0	0	0	0
27	Tent	847	847	0	0
28	Mosquito Net	200	200	0	0
29	Plastic Mat	100	100	0	0
30	Blanket /Quilts	120	120	0	0
31	Generator Sets	0	0	0	0
32	Gas-Cutters	0	0	0	0
33	Sonar Radars	0	0	0	0
34	Scuba Diving Set	0	0	0	0
35	Navigator/GPS Tracker	0	0	0	0
36	Hydraulic Cutter	0	0	0	0
37	Floating Rope	0	0	0	0
38	Any Other	0	0	0	0

5.Gaps and Constraints

- *Briefly outline the capacity gaps in the provision of rescue and response;*
- *Describe major obstacles to providing humanitarian assistance (security, access constraints, administrative obstacles, logistics, etc.)*
- River Chenab damages crops and population during high flood.
- Despite repeated warning of Flood, people of the Katcha areas of district don't shift themselves to the save area until flood disturb them.
- People built their houses and cultivate crops in the way of Nallas.

MITIGATION STRATEGY

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

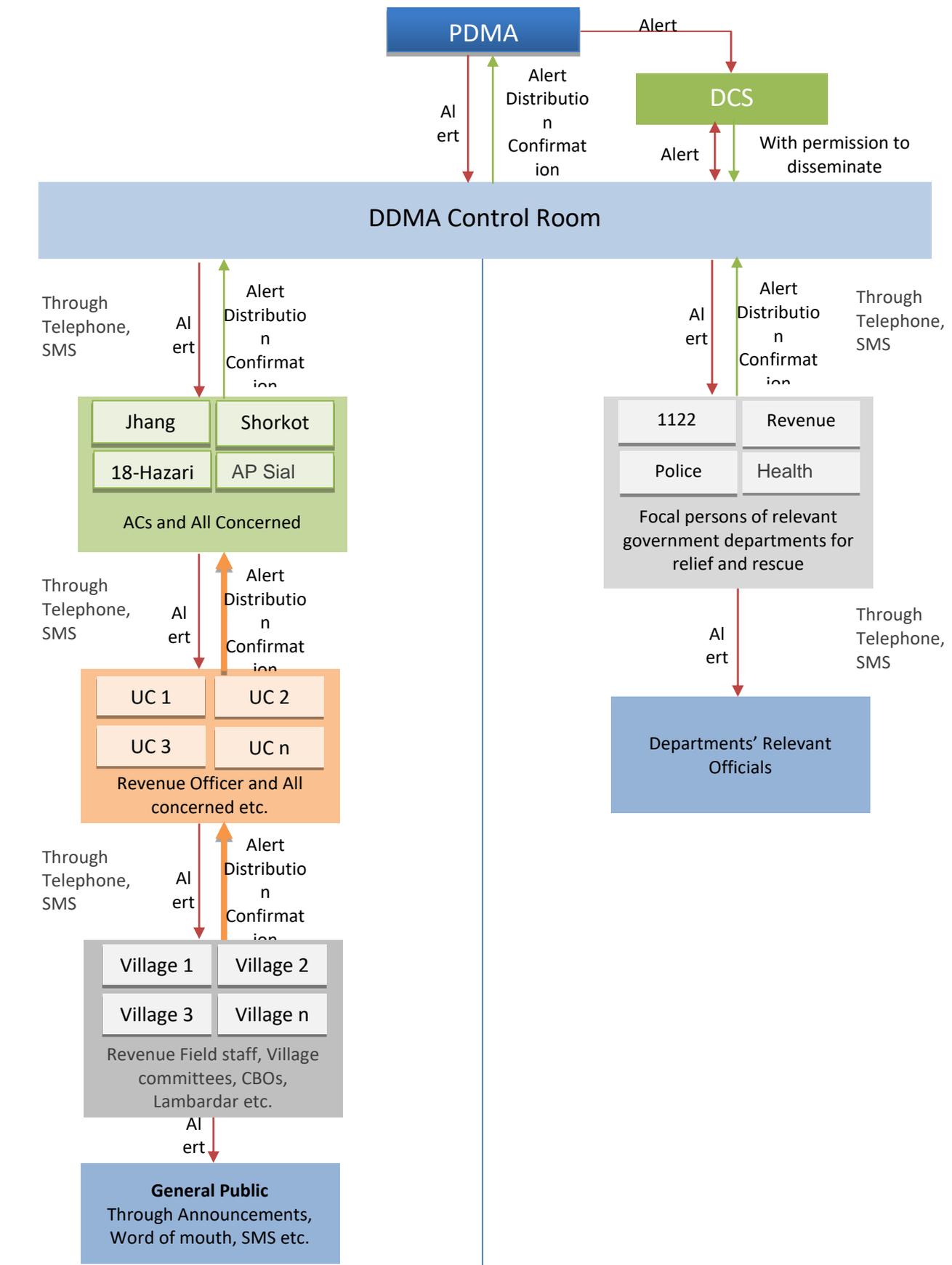
Hazards	Mitigate Actions	Responsible Department
Floods	Proper maintenance and repair work of Bunds at Barrages and safety spurs. Education awareness to the people of Kacha areas for proper shifting towards the safe areas. Public awareness through SMS, Irrigation Department Supervision, Wide Publicity, Radio, TV, Print Media and Social Media etc	All ACs, All Revenue Officers, Information Department, Irrigation Department
Urban Flooding	Proper maintenance and repair work of safety walls adjacent river Indus of urban areas of district.	All ACs, Irrigation
Flash Floods	Proper maintenance and repair work of guide bunds of Jinnah Barrage, Chashma Barrage and all adjacent area with Katcha in the district to control the level of flood.	All ACs, Irrigation
Hill Torrent	-	-
Glacial Lake Outburst Flood (GLOF)	-	-
Landslide	-	-

Tornado	Necessary assistance should be given.	All ACs, Irrigation
Earthquake	Necessary assistance should be given.	All ACs, Irrigation
Drought	Necessary assistance should be given.	All ACs, Irrigation
Epidemic	Necessary medical treatment/ facilities should be given by special Mobile Health Teams and other allied department.	All ACs, CEO (Health)
Fire Incidents	Fire Fighting and Fire controlling.	Rescue 1122, Fire Brigade
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	In time action and response from relevant Departments and necessary assistance should be given.	All ACs, Building Deptt. Rescue 1122 Airforce

Environmental Hazards (industrial accidents, severe pollution etc.)	In time action and response from relevant Departments and necessary assistance should be given.	All ACs, Provinal Building Deptt. Rescue 1122 Airforce

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, Municipal Committee 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

Briefly describe how the early warning will be received from provincial level?

Who is the focal person at district level?

Functions of District/Tehsil Emergency Control Rooms in early warning

How the early warning will be communicated to relevant departments for different disasters? What actions each relevant department should take after receiving the early warning e.g. evacuation. How the early warning will be communicated to the relevant population? E.g. through Patwaris, SMS, Announcements, Media etc.

Early Warning

The information received at district control room is dispatched to the concerned department (focal person / district head) through email, sms or phone call depending upon the severity of the warning after getting clearance from chairman DDMA. The information to the relevant department is communicated in three phases:

Level

Notices are served through patwari and gardawar to the concerned vulnerable area regarding alternate arrangements for expensive in case of emergency evacuation.

Level II

Mock exercises and drills are conducted through relevant departments regarding evacuation.

Level III

In this phase the warnings are issued through sirens, announcements through loud speaker, mega phone and electronic media when DDMA issues high alert.

Rescue Strategy

- *What actions will be taken as an immediate response to the situation? E.g. Evacuation, medical assistance*
- *Who does what and when? Responsible departments/agencies*
- *How and when Pakistan Army will be requested to support the rescue activities*
- *Camp sites identified? List at Annex I.*

The entire Machinery, Equipment, and staff of the District Administration shall be immediately mobilized the affected area. All allied departments will jointly handle the situation. If the high magnitude of the disaster occurred then neighboring district recourses would be called to tackle the situation. In the high magnitude disaster District Coordination Officer/ Deputy Commissioner will also request to army for support in Rescue and relief operation.

Evacuation:

Emergency evacuation is the rapid removal of people from a threatened environment to a safer place. Punjab Emergency Services and Civil Defense, along with the implementing arms of the Home department are primarily responsible for evacuation of the affected people. Their key personnel should be trained in various evacuation techniques for the different types of disasters. The transportation plan for evacuation would be formulated in close consultation with Punjab Emergency Services, Punjab Police, the Construction & Works department and the Transport department. The department of Civil Defense along with the Education department would mobilize groups of Razakars and Scouts to assist the evacuation process. Evacuation is prioritized on a need basis. The first to be evacuated are seriously injured or bedridden patients followed by handicapped or disabled persons, pregnant women, elderly persons, children and women. The rapid evacuation of injured persons by the concerned agencies has to follow a simple color tagging process that prioritizes the patients that are in most urgent need of medical assistance. Evacuation would be coordinated by the PDMA & would be ordered by DC considering the on-ground scenario. Forced evacuation can also be ordered by the DC in the face of clear and present danger.

Guidelines for Efficient Evacuation

Search & Rescue are the foremost activities of the evacuation process. Most of the resources would be dedicated to these activities during the initial 12 hours after the disaster.

Families would preferably be evacuated together as one unit, minimizing chances of separation in a family. Evacuation of children without families would only be undertaken as a last .

The victims of a disaster would most probably require immediate medical assistance due to injury, psychological trauma or general health problems such as diarrhea, cholera, high fever, flu, cough, eyes infection etc. Mobile clinics would immediately be setup in the affected areas. These clinics would be equipped with both clinical and human resource to enable them to cater to medical needs of a large number of victims. The Health Department would be the lead agencies in this regard. However, the assistance of NGOs would also be solicited. The clinics and hospitals in the vicinity of the affected area would maintain a record of all patients to be able to identify any epidemic outbreaks that would further increase the spread of disease. The Social Welfare department would take all measures to rehabilitate orphans, destitute women and other vulnerable elements of the affected population.

Pakistan Army:

The Pakistan Army's resources are employed for immediate search, rescue and evacuation. The Army is called in the 'Aid of Civil Power' only when a disaster overwhelms the resources at the disposal of the district Government. Search, rescue and evacuation are the primary responsibilities of the 'Disaster Response Force' so if the resources of this force fall short, the Army is immediately called in.

HUMANITARIAN ASSISTANCE

- *How damage and losses data will be collected and communicated to higher level?*
 - *How the priority needs (e.g. food, shelter, health etc.) will be determined?*
 - *What activities will be carried-out to provide assistance to the affected population and by whom?*
 - *What assistance will be provided?*
 - *Standardization of different packages/kits e.g. food, tents*
 - *Humanitarian Assistance monitoring mechanism – to avoid duplication and identify gaps*
 - *Minimum standards for camps, if camps are established*
 - *What is the current capacity in the district? Enough for how much caseload?*
 - *Explain how protection, gender and age, environment and other relevant cross-cutting issues that will be addressed or mainstreamed into the humanitarian assistance strategy*
-
- Volunteers of Rural and Urban areas participate in rescue activities during flood.
 - Local NGO's should participate in rescue and relief operation with their own resources.
 - All other departments to take necessary measures for the safety/assistance of the community in the area. **Total NGOs working in the District: 27 (ANNEX-VI) page 64**
 - List of Volunteers have been prepared by DO (Civil Defence) and DEO (Rescue-1122) and all Assistant Commissioners in the district should provide volunteers according to need.

ANNEX I: IDENTIFIED SITES FOR DISPLACED PERSONS

S#	Location	No. of persons which can be accommodated	GPS Coordinates	S#	Location	No. of persons which can be accommodated	GPS Coordinates
1	GHS, Jhang City		X: 31.304736 Y: 7. 322698	16	GHS Ahmad Pur Sial	108	X: 30.812473, Y: 71.863546
2	GHS Chund Bharwana	42	X: 31.41878 Y: 72.26701	17	Govt. Boys College 18-Hazari	125	X: 31.182449
3	GHS Shah Jewena City	80	X: 31.56116 Y: 72.28672	18	GHS Kot Khaira	60	X:31.18423 Y: 72.24979
4	GHS pir Abdul Rehman		X: 30.7423306 Y: 71.8091388889	19			
5	GHS Kot Shakir		X: 31.48196 Y: 72.08656	20			
6	GES Ballo Shahable	50	X: 31.40051 Y: 72.3771	21			
7	GHS Khanoana	90	X: 31.471388 Y: 72.4964619	22			
8	GHS Shair Chakar, Haveli Sheikh Raju	100	X:31.39293 Y:72.1995	23			
9	GHS Moonda, near mor mandi	57	X: 31.56283 Y: 72.24629	24			
10	GHS Jabboana	75	X: 31.0860694 Y: 72.0721208333	25			
11	GHSS H.B Shah	72	X: 31.0694139 Y: 72.181588334	26			
12	GHS, Badh Rajbana Janubi	100	X: 30.8391917 Y: 72.017847222	27			
13	GHS Dabkalan	80	X: 30.7185222 Y:71.896808333	28			
14	GHSS Garh Maha Raja	96	X: 30.83208 Y:71.90433	29			
15	GHS Kot Bahadur Shah	54	X: 30.98015 Y: 71.95003	30			

ANNEX II: LIST OF HAZARD PRONE

VILLAGES/REVENUE ESTATE

Hazards	Tehsil	UCs	Names of Revenue Estates	Names of Villages
Floods	Jhang, Shorkot, 18-Hazari, Ahmad Pur sial	Khewa, Sultan Pur, Sheikh Chohar, Pakkey Wala, Civil Station, Hasnana, Bagh, Lak Badhar, Pir Kot Sadhana, Massan, Haveli Sheikh Raju, Chaila, Qadir Pur, Chund Bharwana, Shah Jewana, Pabbar Wala, Chatta, Dhori Wala, Kot Essa Sha, Chaiyan Wala, Mehram Sial, Qaim Bharwana, Shah Sadiq Nehang, Allah Yar Joota, Bhangoo, Badh Rajbana, Shorkot Janubi, Kakki Nau Doim, Kakki Nau Soim, Dab Kalan, Ghuman Marri, Hassu Balail, Fateh Pur	Jhang Chak Katcha, Jhang Chak Noor Shah, Khorora, Bela Bagar, Pakkey Wala, Douka, Wagha Kalaka, Patowana, Bela Jhabana, Jandran, Khana Bati, Topa Bela Sharqi, Naikokara, Bela Mirjana, Dhouian Saidan Shah, Koorayanwala, Nandkana, Dadowana Nou, Chutala, Kharora Baqir, Sahmal, Cha Kameer, Bindi Baig Mehni, Dhunowala, Lakhnana Nou, Lakhnana Khona, Kaloo Sahmal, Kul Kuria, Joogra, Bela Rattar, Opth Bhadar Shah, Bindi Said Lal, Dhouan Muhammad, Dadowana Khona, Pepole Wala, Jahan Khan, Rajana, Katchan, Lughari, Mul Sultan, Havilee Dewan, Long Junoobi, Rakh Sajhowal, Pir Kot Sadhana, Chak Said Beram, Batafi, Chak Janpur, Kalar Quershi, Bulha Patowana, Bela Jotaanawala, Basti Balochan, Malkhiana, Alman Sharqi, Sobhaina Gharbi, Kot Braham, Lala Johla, Adhowana, Tehli Gadawali, Choori Noona, Jhugay Rug Shah, Bela Sahadani, Namdar Phully, Bela Patowana, Qadir Pur Khurd, Massan, Kot Bahadar Shumali, Binda Palkana, Kot Bora, Najabat, Kot Sukha, Beli Ahmad Khan, Wasil Shah, Sajhar Kalassan, Bindi Amir Khan, Karamowana, Talwara, Saliana, Sai Sarwar, Khotiana, Bela Khotiana, Shana, Ghaghaiana, Havilee Ghulam Janat, Chak Ganish Das, Pir Balol, Bela Quershi, Kharkhan, Bali Noulan Par, Chak Sialan, ObhanWala, Noonari, Mazari, Wawal, Kot Essay, ShahSargana, Dhoukar, Jhoke Usman, Quershi, Jhoke Daya, Bhone, Jan Muhammad Khona, Bonga Tatari, Jahangir Pur, Pattai Alaanwali, Doaba, Kolar, Thatha Mehla, Habib, Sumandri Khurd, Kabli, Gunyana, Bindi Patowana Kalan, Bela Bangus, Bela Chandi Nath, Kiran, Chak Madrasa, Khchiana, Bangus, Bhochra, T	Jhang Chak Katcha, Jhang Chak Noor Shah, Khorora, Bela Bagar, Pakkey Wala, Douka, Wagha Kalaka, Patowana, Bela Jhabana, Jandran, Khana Bati, Topa Bela Sharqi, Naikokara, Bela Mirjana, Dhouian Saidan Shah, Koorayanwala, Nandkana, Dadowana Nou, Chutala, Kharora Baqir, Sahmal, Cha Kameer, Bindi Baig Mehni, Dhunowala, Lakhnana Nou, Lakhnana Khona, Kaloo Sahmal, Kul Kuria, Joogra, Bela Rattar, Opth Bhadar Shah, Bindi Said Lal, Dhouan Muhammad, Dadowana Khona, Pepole Wala, Jahan Khan, Rajana, Katchan, Lughari, Mul Sultan, Havilee Dewan, Long Junoobi, Rakh Sajhowal, Pir Kot Sadhana, Chak Said Beram, Batafi, Chak Janpur, Kalar Quershi, Bulha Patowana, Bela Jotaanawala, Basti Balochan, Malkhiana, Alman Sharqi, Sobhaina Gharbi, Kot Braham, Lala Johla, Adhowana, Tehli Gadawali, Choori Noona, Jhugay Rug Shah, Bela Sahadani, Namdar Phully, Bela Patowana, Qadir Pur Khurd, Massan, Kot Bahadar Shumali, Binda Palkana, Kot Bora, Najabat, Kot Sukha, Beli Ahmad Khan, Wasil Shah, Sajhar Kalassan, Bindi Amir Khan, Karamowana, Talwara, Saliana, Sai Sarwar, Khotiana, Bela Khotiana, Shana, Ghaghaiana, Havilee Ghulam Janat, Chak Ganish Das, Pir Balol, Bela Quershi, Kharkhan, Bali Noulan Par, Chak Sialan, ObhanWala, Noonari, Mazari, Wawal, Kot Essay, ShahSargana, Dhoukar, Jhoke Usman, Quershi, Jhoke Daya, Bhone, Jan Muhammad Khona, Bonga Tatari, Jahangir Pur, Pattai Alaanwali, Doaba, Kolar, Thatha Mehla, Habib, Sumandri Khurd, Kabli, Gunyana, Bindi Patowana Kalan, Bela Bangus, Bela Chandi Nath, Kiran, Chak Madrasa, Khchiana, Bangus, Bhochra, T

	<p>Peratti, Kot Bahadar Shah, Meer Muhamma d, Kot Murad, Rodu Sultan, Uch Gul Imam, Jaboana, Rasheed Pur, Wassu Astana, Doosa.</p>	<p>Muhammad Khona,Bonga Tatari, Jahangir Pur,Pattai Alaanwali ,Doaba, Kolar,Thatha Mehla, Habib,Sumandri Khurd,Kabli, Gunyana, Bindi Patowana Kalan,Bela Bangus,Bela Chandi Nath,Kiran,Chak Madrasa,Khchiana,Bangus, Bhochra,Thathi Punjoo,Douka Balouchan,Kot Ram Kore,Thathai Quershian,Bhorana,Vighlana, Jhalar Wahab Shah,Bindi Patowana Khurd,Chak Jalal Din,Bhokni,Mahram Sial,Thathi Shah Shakoor, Haiden,Kalara,Deraj,Kot Sahib,Bela Anaranwala,Kot Khan,Chak Darzi,Mansoor Sial,Jharki, Bhagat Ram Jas,Tiba Dhup Sari,Chella,Topa Bela Gharbi,Dhedoana,Sultan Pur,Thathai Panah, Sabar,Lal Jhalar,Aqil Pur,Jangle Katora,Tehli Ghulamo,Kotla Afghana,Qadir Pur Katcha,Hasnana, Bindi Haiden,Denar,Hassan Khan,Kala Bali,Baloo Shahbal, Khanowana, Mongar,Jhang Chak Shumali, Chhatta Dilawari,Mohal,Chandia Fraz,Havilee Sheikh Rajoo, Kilcha,Khewa,Chak Aliana, Jangle Katanwala,Sialan Wala,Nidha Ghar,Zinda Shah,Chaund BharwanaSalamanaShah Jewana Bhutta,Ali PurMahran Wala,Chhatta,Kot Khera,Bela Mohal, Lou, Bhojowana ,Maghiana Chak Noon, Sajhowal, Bali,Nika Doultana,Ratta Matta Junoobi,Bori Ghulam Jahanain,Chak Sheikhana,Katcha Shameer, Thatha Koryana,Sher Grah,Qadir Pur Pakka,Qadian,Kot Dewan,Thatha Jhabana, Ratta Matta Shumali, Punjgrain,Korayana Junoobi,Chak Balouchan Wala,Pabar Wala,Jan Muhammad Nou18-Hazari, Latif Shah,Basti Sanga, Kamra, Lashkari,Amrana Janubi,Bela Chontdra, Chontdra, Sidha, Dhabi, Sarwani Patowani,Ludrka,Kotla Nake Ahmad,Munday Syed,Sobhiana Gharbi, Alman Gharbi,Loharan</p>	<p>hathi Punjoo,Douka Balouchan,Kot Ram Kore,Thathai Quershian,Bhorana,Vighlana, Jhalar Wahab Shah,Bindi Patowana Khurd,Chak Jalal Din,Bhokni,Mahram Sial,Thathi Shah Shakoor, Haiden,Kalara,Deraj,Kot Sahib,Bela Anaranwala,Kot Khan,Chak Darzi,Mansoor Sial,Jharki,Bhagat Ram Jas,Tiba Dhup Sari,Chella,Topa Bela Gharbi,Dhedoana,Sultan Pur,Thathai Panah,Sabar,Lal Jhalar,Aqil Pur,Jangle Katora,Tehli Ghulamo,Kotla Afghana,Qadir Pur Katcha,Hasnana,Bindi Haiden,Denar,Hassan Khan,Kala Bali,Baloo Shahbal,Khanowana,Mongar,Jhang Chak Shumali, Chhatta Dilawari,Mohal,Chandia Fraz,Havilee Sheikh Rajoo,Kilcha,Khewa,Chak Aliana, Jangle Katanwala,Sialan Wala,Nidha Ghar,Zinda Shah,Chaund BharwanaSalamanaShah Jewana Bhutta,Ali PurMahran Wala,Chhatta,Kot Khera,Bela Mohal,Lou,Bhojowana,Maghiana Chak Noon,Sajhowal,Bali,Nika Doultana,Ratta Matta Junoobi,Bori Ghulam Jahanain,Chak Sheikhana,Katcha Shameer,Thatha Koryana,Sher Grah,Qadir Pur Pakka,Qadian,Kot Dewan,Thatha Jhabana,Ratta Matta Shumali,Punjgrain,Korayana Junoobi,Chak Balouchan Wala,Pabar Wala,Jan Muhammad Nou18-Hazari, Latif Shah,Basti Sanga,Kamra,Lashkari,Amrana Janubi,Bela Chontdra,Chontdra,Sidha,Dhabi,Sarw ani Patowani,Ludrka,Kotla Nake Ahmad,Munday Syed,Sobhiana Gharbi,Alman Gharbi,Loharan Wala,Kharal,Chokin Janpur,Malkana,Binda Malkana,Rasheed Pur,Kot Bahader Janubi,Binda Rasheed Pur,Jamali kalaan,Kot Murad,Pahard Pur,Trord,Parowana Shumanli, Basti Nusrat,Jaboana,Binda Jaboana,Dargahi Shah,Sultan Lashari,Dhan Miani,Bela Ali Khanana, Haveli Mohengar,Bati,Kot , Rustam,Lashari,Rodu Sultan,Kalyar Wala,Uchgul Imam,Raird,Wasu, Jamali Khurd,Fateh Shah,Shah Mehmood,Wasawa,Kasar Wala,Dara Sakhira,Dosa,Kotli Baqir Shah,</p>
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		<p>Wala,Kharal,Chokin Janpur, Malkana, Binda Malkana,Rasheed Pur, Kot Bahader Janubi,Binda Rasheed Pur,Jamali kalaan,Kot Murad,Pahard Pur,Trord,Parowana Shumanli, Basti Nusrat,Jaboana,Binda Jaboana,Dargahi Shah,Sultan Lashari,Dhan Miani,Bela Ali Khanana, Haveli Mohengar,Bati,Kot , Rustam,Lashari,Rodu Sultan,Kalyar Wala,Uchgul Imam,Raird,Wasu, Jamali Khurd,Fateh Shah,Shah Mehmood,Wasawa,Kasar Wala,Dara Sakhira,Dosa,Kotli Baqir Shah, Kot Maldev,Gadhri Fatehullah,Kunnal Sheroana,Chohan,Turk,Kurian Wala,Jhaki,Loha Bhidr, Machiwaal,Kot Langar,Noon Sangra,Jhok Bhorani, Machiana,Amrana Shumali, Sial,Sahjar,Aliana, Haveli Haji Mehmood,Kot Shakar,Guniana Joya Mussali, Sangra, Chakwana,Ahmad Abad,Khokhar, Thathi Nusrat,Lal Daatri,Thathi Gul,Thathi Khair Shah,Thathi Mahrani,Paropi,Chandi Nashab,Ora, Bela Bakhshah,Bela Chandia,Mari Shah Sakhira, Goraya,Chandna,Bela Shehr,Butta Kotla,Balo, ThathiRahmon, Thathi Langar,Thathi Janoon,Tataar Kot,Chokin,Jand Maali, Jhalaar Fateh Khan,Dhirkaan,Jasrat Mal,Daal,Kot Noulan,Bela Surbana,Basti Rasheed,Ali Khanana, Bela Phulayanwala,Opuh Janjyana,Binda Fauja Dhara,Kulachi Fauja Dhara,Hassuwali,Nawab Pur, Kot Mahrana,Dab Kalan,Dab Kala,Jalala Dab,Kacha Kameera,Muhammad Yar Chishti,Sadiq Muhammad Jhandir,Sadan Nakukara,Dogar Malang,Tiba Jhandiran,Jafar Shah,Kotly Jhandeeran,Khan Pur,Bindi amlana,Obhanwala,Kharanwala,H.B.S hah Gharbi,Basti Waryam,Badh Rajbana Janubi,Yaray wala,Badh Rajbana Shumali,Dhalna Kamlana,Kakuwala,Naushehra,Mahra m Sial,Budhuana,Binda Surbana,Allah Yar Joota,Khaki Lakhi,Jala Bharwana,Jalalpur Kamlana,Paruana Janubi,Khokhra Kamlana,Jhandir Niazi Wala,Bhako Sargana,Faqir Sial,Sadqana Merali,Najaf Shah,12/3L,Hazrat Sultan Bhao,Bhadwal,Deraj,Eneyat Shah,Bela Gharh,Bela Kamlana,Jhook Dargai Shah, Bela Badh,Mud Rajbana,Basti Jhandir,3/2 L,Islam Pur Nasheeb,Islam Pur Faraz,BastiNorang,BendaGoli, Joosa,Teba Gehli,Fateh Pur Perity,Bahar Garbi,Peero,Bola,Neko Kara,Deyti Sial,Sabqi,Koat Mapal, Benda Gona Wala,Islam Wala,Meer Muhammad,Meerne Wala,Ghar Mahraja,5/2 L,Sewa Sadat, Hasso Balil,Dagree,Tango,Jaiveen,Mahmood Shah,Shah Yousfi,Basti Wali</p>	<p>Kot Maldev,Gadhri Fatehullah,Kunnal Sheroana,Chohan,Turk,Kurian Wala,Jhaki,Loha Bhidr,Machiwaal,Kot Langar,Noon Sangra,Jhok Bhorani,Machiana,Amrana Shumali,Sial,Sahjar,Aliana,Haveli Haji Mehmood,Kot Shakar,Guniana Joya Mussali,Sangra,Chakwana,Ahmad Abad,Khokhar,Thathi Nusrat,Lal Daatri,Thathi Gul,Thathi Khair Shah,Thathi Mahrani,Paropi,Chandi Nashab,Ora,Bela Bakhshah,Bela Chandia,Mari Shah Sakhira,Goraya,Chandna,Bela Shehr,Butta Kotla,Balo,ThathiRahmon,Thathi Langar,Thathi Janoon,Tataar Kot,Chokin,Jand Maali, Jhalaar Fateh Khan,Dhirkaan,Jasrat Mal,Daal,Kot Noulan,Bela Surbana,Basti Rasheed,Ali Khanana, Bela Phulayanwala,Opuh Janjyana,Binda Fauja Dhara,Kulachi Fauja Dhara,Hassuwali,Nawab Pur, Kot Mahrana,Dab Kalan,Dab Kala,Jalala Dab,Kacha Kameera,Muhammad Yar Chishti,Sadiq Muhammad Jhandir,Sadan Nakukara,Dogar Malang,Tiba Jhandiran,Jafar Shah,Kotly Jhandeeran,Khan Pur,Bindi amlana,Obhanwala,Kharanwala,H.B.S hah Gharbi,Basti Waryam,Badh Rajbana Janubi,Yaray wala,Badh Rajbana Shumali,Dhalna Kamlana,Kakuwala,Naushehra,Mahra m Sial,Budhuana,Binda Surbana,Allah Yar Joota,Khaki Lakhi,Jala Bharwana,Jalalpur Kamlana,Paruana Janubi,Khokhra Kamlana,Jhandir Niazi Wala,Bhako Sargana,Faqir Sial,Sadqana Merali,Najaf Shah,12/3L,Hazrat Sultan Bhao,Bhadwal,Deraj,Eneyat Shah,Bela Gharh,Bela Kamlana,Jhook Dargai Shah, Bela Badh,Mud Rajbana,Basti Jhandir,3/2 L,Islam Pur Nasheeb,Islam Pur Faraz,BastiNorang,BendaGoli, Joosa,Teba Gehli,Fateh Pur Perity,Bahar Garbi,Peero,Bola,Neko Kara,Deyti Sial,Sabqi,Koat Mapal, Benda Gona Wala,Islam Wala,Meer Muhammad,Meerne Wala,Ghar Mahraja,5/2 L,Sewa Sadat, Hasso Balil,Dagree,Tango,Jaiveen,Mahmood Shah,Shah Yousfi,Basti Wali</p>
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			<p>Rajbana Janubi, Yaray wala, Badh Rajbana Shumali, Dhalna Kamlana, Kakuwala, Naushehra, Mahram Sial, Budhuana, Binda Surbana, Allah Yar Joota, Khaki Lakhi, Jala Bharwana, Jalalpur Kamlana, Paruana Janubi, Khokhra Kamlana, Jhandir Niazi Wala, Bhako Sargana, Faqir Sial, Sadqana Merali, Najaf Shah, 12/3L, Hazrat Sultan Bhao, Bhadwal, Deraj, Eneyat Shah, Bela Gharh, Bela Kamlana, Jhook Dargai Shah, Bela Badh, Mud Rajbana, Basti Jhandir, 3/2 L, Islam Pur Nasheeb, Islam Pur Faraz, Basti Norang, Benda Goli, Joosa, Teba Gehli, Fateh Pur Perity, Bahar Garbi, Peero, Bola, Neko Kara, Deyti Sial, Sabqi, Koat Mapal, Benda Gona Wala, Islam Wala, Meer Muhammad, Meerne Wala, Ghar Mahraja, 5/2 L, Sewa Sadat, Hasso Balil, Dagree, Tango, Jaiveen, Mahmood Shah, Shah Yousfi, Basti Wali Muhammad Jhandir, 4/2 L, 2/2 L, Jaana, Kot Bahadur, Lghari, Sanpal, Sadhana, Peer Abdul Rehman Janobi, Peer Abdul Rehman Shumali, Ranjeet Koat, Veji, Samdoana, Dull, Chak Norang Shah, Chadhard, 2/3 L, 4/4 L, Dori Gondal.</p>	<p>Muhammad Jhandir, 4/2 L, 2/2 L, Jaana, Kot Bahadur, Lghari, Sanpal, Sadhana, Peer Abdul Rehman Janobi, Peer Abdul Rehman Shumali, Ranjeet Koat, Veji, Samdoana, Dull, Chak Norang Shah, Chadhard, 2/3 L, 4/4 L, Dori Gondal.</p>
Urban Flooding	-	-	-	-
Flash Floods				
Hill Torrent	-	-	-	-
Tornado	-	-	-	-

Earthquake	-	-	-	-
Drought	-	-	-	-
Epidemic	-	-	-	-
Environmental Hazards (industrial accidents, severe pollution etc.)	-	-	-	-

ANNEX III: 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	DHQ Jhang Gojra Road Satelite town	31.258668 72.329748	DHQ	Dr.Zohaib Khalid 0311-1657165	Flood
2	THQ Hospital Shorkot Multan Road Shorkot	30.820752 72.070601	THQ	Dr.Muhammad Hashir 0333-6760714	Flood
3	THQ A.P Sial A.P Sial	30.687046 71.762485	THQ	Dr Hafeez Ullah Khan 0300-6505109	Flood
4	THQ 18 Hazari Wasoo	31.183384 72.078579	THQ	Dr. Abid.Hussain 0345-7619881	Flood
5	RHC Mochiwala Faisalabad Road Mochiwala	31.298632 72.531820	RHC	Dr. Aamir 0343-8038122	Flood
6	RHC Mukhiana Chiot Road Mukhiana	31.401244 72.413260	RHC	Dr.Ashiq Hussain 0345-7618124	Flood
7	RHC Shah Jewana Lalian Road Shah Jewana	31.518336 72.339606	RHC	Dr.Shahadat Bukhari 0321-6506355	Flood
8	RHC H.S Rajoo Haveli Sheikh Rajoo	31.423549 72.264675	RHC	Dr. Zafar Doultana 0345-7865035	Flood
9	RHC Bagh Toba Road Bagh	31.204621 72.341831	RHC	Dr. Mansoor Ahmed 0300-6508199	Flood
10	RHC KotShakir Khushab Road KotShakir	31.483185 72.082720	RHC	Dr. Zafar Iqbal 0300-7508671	Flood
11	RHC Rodu Sultan Layya Road Rodu Sultan	31.061051 71.998643	RHC	Dr. Manzoor Hussain 0301-6992334	Flood
12	RHC G.M Raja Garh Maharaja	30.519508 71.542131	RHC	Dr. Shahzad Anwar 0300-6503975	Flood
13	RHC H.B.Shah Haveli Bahadur shah	31.080927, 72.184891	RHC	Dr. KhursheedAbid 0332-6261533	Flood
14	RHC Waryam Wala Waryam Wala	30.967777 72.254918	RHC	Dr. Arshed 0333-6754910	Flood
15	Kot Sai Singh Kot Sai Singh	31.278413 72.347385	BHU	Dr. Iqra Tahir WMO 0334-1174822	Flood
16	Chak 446 Chak-446	31.227482, 72.487821	BHU	Dr.Anmbreen Asghar 0337-7639359	Flood
17	KotLakhnana	31.234659,	BHU	Dr. M.Shafqat	Flood

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary)	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
	KotLakhnana	72.417843		0324-7500344	
18	Hevali Lal Heveli Lal	31.105328, 72.293096	BHU	Dr.Marryam Hussain 0304-9593967	Flood
19	Vijhlana Vijhlana	31.210882, 72.276373	BHU	Dr. M . Tahir 0331-4925979	Flood
20	Ashaba Ashaba	31.135839, 72.336239	BHU	Dr.Abdul Hameed 0300-8791904	Flood
21	Pakkaywala Pakkaywala	31.370693, 72.318392	BHU	Dr. Kiran Bakhsh 0332-6266053	Flood
22	Sultan Pur Sultan Pur	31.405640, 72.440225	BHU	Muhammad Afzal MT 0344-4692332	Flood
23	Sheikh Chuhar Sheikh Chuhar	31.384107, 72.416699	BHU	Dr.Aamir Hussain 0343-8038122	Flood
24	Khanuana Khanuana	31.460569, 72.502989	BHU	Dr.Ali Ashiq 0312-6500539	Flood
25	Chak N0- 231 Chak N0- 231	31.406221, 73.137864	BHU	Dr.Asif Ali 0345-4767184	Flood
26	Chak No- 165 Chak No- 165	31.404098, 73.137148	BHU	Dr.Umai Sarwar 0335-4245281	Flood
27	Chak No- 170 Chak No- 170	31.353652, 72.540466	BHU	Dr.Zubaida Akhtar 0332-6138909	Flood
28	SaeedabadChak / 254 Saeedabad	31.313703, 72.647478	BHU	Dr. M. Ishfaq 0300-6504031	Flood
29	Chak No- 181 Chak No- 181	28.173623, 69.961796	BHU	Dr. Abu Zar 0333-2956006	Flood
30	Chak No- 220 Chak No- 220	31.305248, 72.460949	BHU	Dr.Athar Hussain 0320-4676737	Flood
31	Mallhuana Mallhuana	31.146800, 72.222947	BHU	Dr.M. Afzal 0321-6500780	Flood
32	Lak Baddar Lak Baddar	31.103171, 72.260713	BHU	Dr.Rukhsana Parven 0348-7519097	Flood
33	Munday Syed Munday Syed	30.744338, 72.044199	BHU	Dr. Haseeb Ikram 0333-4737406	Flood
34	Rashid Pur Rashid Pur	31.132422, 72.095632	BHU	Manzoor Khalid MT 0300-6507297	Flood
35	Jabbuana Jabbuana	31.103405, 72.086349	BHU	Dr.Shohaib Ghafoor 0334-6263057	Flood
36	Uch Gul Imam Uch Gul Imam	31.132602, 71.975186	BHU	Dr.Muhammad Asad 0341-7002843	Flood
37	Machiwal Machiwal	32.777536, 73.923281	BHU	Zulfiqar Ali MT 0302-7504281	Flood
38	Bulloo	31.724024,	BHU	Muhammad Amin	Flood

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary)	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
	Bulloo	72.150414		(Disp) 0301-6733606	
39	Ali Pur Ali Pur	31.416464, 73.365742	BHU	Naima Batool 0332-6733630	Flood
40	Iqbal Nagar Iqbal Nagar	31.488059, 72.255793	BHU	Dr. Sobia Kanwal 0321-6303491	Flood
41	PirKot PirKot	31.272370, 72.160780	BHU	Dr. Sadiq Ali 0343-7943053	Flood
42	Salyana Salyana	31.346142, 72.140972	BHU	Dr.Umer Rafique 0348-6491640	Flood
43	Hassan Khan Hassan Khan	31.387010, 72.233516	BHU	M. Sonia Zafar 0336-4245812	Flood
44	Ratta Matta Ratta Matta	31.578757, 72.407222	BHU	Dr.Mehboob Ahmed 0323-4089521	Flood
45	Kariwala Kariwala	30.948487, 71.850586	BHU	M.Usman Latif 0333-6721441	Flood
46	Mandi Shah Jewana Mandi Shah Jewana	31.520093, 72.340593	BHU	Dr.Shumaila Khalid 0321-6500286	Flood
47	Chattah Chattah	31.557981, 72.230001	BHU	M. Junaid Khan 0347-7945001	Flood
48	NidhaGhar NidhaGhar	31.399429, 72.052217	BHU	Dr.Amjid Rauf 0300-7501355	Flood
49	Bhero Bhero	31.720980, 72.300755	BHU	Dr.Yasir Hayat 0343-4934259	Flood
50	Chayanwala Chayanwala	30.983698, 72.267611	BHU	Dr.Muhammad.Muavia 0341-4881172	Flood
51	Allah YarJoota Allah YarJoota	30.921453, 72.090936	BHU	Dr.Maria Hanif 0332-3399827	Flood
52	Kot Mirza Kot Mirza	30.966084, 72.291538	BHU	M. Sajid SMT 0343-4591487	Flood
53	PirBahadar Shah, PirBahadar Shah	30.922535, 72.155202	BHU	Kalay Khan MT 0345-7610655	Flood
54	Chak No- 482, Chak No- 482	31.017278, 72.319467	BHU	Dr.Fazila Javed 0334-7440546	Flood
55	Chak No- 497, Chak No- 497	30.842961, 72.216288	BHU	Dr. Kashif Javed 0333-7684075	Flood
56	Chak No. 17 Gagh, Chak No. 17 Gagh	32.453825, 73.323596	BHU	Dr Muhammad Javed 0347-9636586	Flood

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary)	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
57	BadhRajbana, BadhRajbana	30.824376, 72.022526	BHU	Dr. Tayyaba Aslam 0336-4511224	Flood
58	Khumanawala, Khumanawala	30.817533, 72.164233	BHU	Zahid Abbas MT 0300-7500329	Flood
59	KakkiNou, KakkiNou	30.766794, 72.032171	BHU	Dr. Asif Ibrar 0345-2447493	Flood
60	Dab Kalan, Dab Kalan	30.716635, 71.888303	BHU	Dr Tahir Rafique 0333-6754362	Flood
61	Khaki Lakhi, Khaki Lakhi	30.718527, 71.884124	BHU	Dr.Altaf Hussain 0333-3583839	Flood
62	Jalal Pur, Jalal Pur	30.689602, 71.895625	BHU	Dr.Abdul Jabar 0347-3431181	Flood
63	Sammanduana, Sammanduana	30.628095, 71.747921	BHU	Dr. Asia Batool 0300-0401666	Flood
64	Essaywala, Essaywala	30.756989, 71.784687	BHU	Aoun Raza Disp 0303-5702599	Flood
65	PirAbdur,Rehman	30.689697, 71.771796	BHU	Dr.Muhammad Ramzan 0300-7321154	Flood
66	Hazrat Sultan Bahoo	30.836936, 71.852270	BHU	Dr. Gull Zahar 0333-5119514	Flood
67	Chak-4/2-L, Chak-4/2-L	31.265172, 72.319854	BHU	Dr.Aamir Raza 0300-8556663	Flood
68	Gudara, Gudara	30.887932, 71.835284	BHU	Dr. Mubasher Hassan 0332-6998663	Flood
69	HassuBalail, HassuBalail	31.027268, 72.001122	BHU	Riaz Hussain Disp 0301-7048060	Flood
70	Nekurara	30.989874, 72.017899	BHU	Dr. Mumtaz Hussain 0300-6374490	Flood
71	Sharifabadabad	30.937200, 71.918553	BHU	Mureed Hussain Disp 0308-9214572	Flood
72	Basti Rasheed, Basti Rasheed,	31.130071, 72.093916	UD (Unani Dispensary)	M. Aslam Khan 0300-7505564	Flood
73	Sultan Pur, Sultan Pur	31.405080, 72.443815	UD (Unani Dispensary)	Maqbool Ahmed 0345-7987812	Flood
74	Chah Jaan Muhammad	31.282745, 72.295934	RD (Rural Dispensary)	Anser Abbas 0301-4518442	Flood
75	Kull korai, Kull korai	31.325161, 72.346127	GRD (General Dispensary)	SameiUllah 0341-4409787	Flood

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary)	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
76	Rajana, Rajana	30.856602, 72.547230	GRD (General Dispensary)	Ruqia Bibi LHV 0347-6070617	Flood
77	Jhaggar, Jhaggar	31.372855, 72.154937	GRD (General Dispensary)	Abdul QadoosDisp 0345-2429613	Flood
78	Kharkan, Kharkan	30.989874, 72.017899	GRD (General Dispensary)	Asif Abbas Disp 0346-7575379	Flood
79	Massan, Massan	31.309628, 72.186676	GRD (General Dispensary)	M. Ramzan 0345-6535363	Flood
80	DhanMiani, DhanMiani	31.079337, 72.074388	GRD (General Dispensary)	Anwer Ali 0306-9014730	Flood
81	Dhano Wala	30.978150, 72.013249	GRD (General Dispensary)	Hafiz Nazeer 0344-7930002	Flood
82	Meernay Wala	30.906209, 71.949219	GRD (General Dispensary)	Manzoor Hussain 0302-3799542	Flood
83	Chak Jan Pur, Chak Jan Pur	31.144565, 71.736546	GRD (General Dispensary)	Safeerul Din 0347-6953783	Flood
84	Zafar Abad, Zafar Abad	30.906209, 71.949219	GRD (General Dispensary)		Flood
85	T.B Clinic Gojra Road	31.263211, 72.333516	T.B Clinic	Dr. Jahangir	Flood
86	City Hospital, Jhang City	31.304480, 72.322494	City Hospital	Dr Rao Arshed 0333-6732677	Flood

ANNEX IV: LIST OF VULNERABLE EDUCATIONAL INSTITUTIONS

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
1	GPS Baili Wala	Primary	31.25156 72.30003	125	Ikhtlaq UI Hassan Naeem	0346-9631214
2	GMPS Akbar Mohal	Primary	31.19517 72.23159	190	Kausar Perveen	3326291647
3	GPS Bela Mohal	Primary	31.20551 72.23445	108	Allah Ditta	0344-7933288
4	GMPS Hassan Wala	Primary	31.20917 72.25611	103	AmturRehman	3480472430
5	GPS Chak Noon	Primary	31.62598 72.39499	104	Muhammad Nadeem Iqbal	0343-6276951
6	GMPS Chak Kacha	Primary	31.2589 72.28995	548	Nasreen Akhtar	0346-3420531
7	GMPS Ballian	Primary	31.525036 72.3796202	150	Soghra Batool	3417948212
8	GMPS Sher Garh	Primary	31.5315345 72.3641221	108	Handed over to PEF Partner	
9	GPS Monghar	Primary	31.4900912 72.3505318	126	Muhammad Hanif	0342-6917145
10	GPS Khallar Awan	Primary	31.5554263 72.3873496	80	Nigh Hussain	0336-7668892
11	GES Sultan Bakhsh	Middle	31.58661 72.20672	166	Yasir Nadeem	0313-7017700
12	GPS Thatta Kamira	Primary	31.6432 72.2255	86	Abbas Abbas	0347-7739837
13	GMPS Bindi Lal Mureed	Primary	31.6073 72.21462	255	Shagufta Talib	0344-6959315
14	GMPS Kiran	Primary	31.61982 72.19914	240	Safia Sultana	0322-6554078

15	GPS Nehalay Wala	Primary	31.60629 72.1602	146	Muhammad Siddique	0345-7580917
16	GMPS Qadir Pur	Primary	31.58342 72.16855	138	Ubaida Iram	0348-7427718
17	GPS Thatti Khaira	Primary	31.5761 72.15553	102	Zahoor Ahmad	0344-4770926
18	GPS Douka Blouchan	Primary	31.55049 72.1958	118	Ameer Abdullah	0347-3354554
19	GPS Darbar Fateh Shah	Primary	31.57444 72.19083	56	Aziz ur Rehman Shahzad	0345-7710566
20	GGES Boori.	Middle	31.7338948 72.2678127	105	Sobia Akhtar	0340-7444539
21	GGPS Lau.	Primary	31.62669 72.19626	87	Nusrat Shaheen	0343-4658429
22	GGPS Chattey Wala.	Primary	31.63962 72.19812	106	Zahira Akhtar	0343-7924783
23	GMPS Qadir Pur.	Primary	31.58342 72.16855	138	Ubaida Iram	0348-7427718
24	GGPS Jamal Wala.	Primary	31.58522 72.21149	80	Saira Bano	0342-0132709
25	GGPS Vanpal.	Primary	31.61676 72.17739	52	Saira Murtaza	0345-2995061
26	GGPS Thathi Qureshian.	Primary	31.61982 72.19023	61	Saeed Akhtar	0344-3156772
27	GGPS Subhagha.	Primary	31.62167 72.2155	51	Farhat Bibi	0347-6922377
28	GGPS Thatha Kameera.	Primary	31.64321 72.22549	65	Maqsood Akhtar	0347-2009970
29	GHS Chatta	High	31.60571 72.17723	239	Syed Muhammad Yasir Raza	0341-8383772
30	GMPS Qadian	Primary	31.67916 72.17873	163	FarhatJabeen	0343-7918197
31	GMPS Sehva Majoka	Primary	31.72256 72.22517	64	Mureed Fatima	0344-3116858

32	GMPS Nadha Ghar	Primary	31.7348684 72.3063932	172	Arifa Yasmeen	0340-7478976
33	GGES Jhoke Daya	Middle	31.68864 72.25596	121	Banita Zahra	0347-6595542
34	GPS Kot Eisa Shah	Primary	31.69147 72.19255	221	Muhammad Ramzan	0346-7296356
35	GMPS Duaba	Primary	31.67783 72.18929	134	Kalsoom Akhtar	0342-7941903
36	GES Bhone	Middle	31.7702771 72.2474882	342	Mehboob Ali	0303-5033877
37	GHS Kot Esa Shah	High	31.6868 72.1945	712	Tasawar Abbas	0341-9537776
38	GGHS Kot Esa Shah	High	31.68783 72.19729	428	Khalida Begum	0341-4848759
39	GGPS Jan Muhammad Nau.	Primary	31.7474671 72.2528478	47	Nazia Bashir	0344-7561265
40	GGPS Jhok Usman.	Primary	31.71223 72.19918	83	Iffat Batool	0341-7470517
41	GGPS Thathi Baqir.	Primary	31.6668 72.17272	18	Handed over to PEF Partner	
42	GGPS Dhokar.	Primary	31.72999 72.21285	70	Tallat Naheed	0343-8795078
43	GGPS Doaba.	Primary	31.40332 72.6162	134	Kalsoom Akhtar	0342-7941903
44	GGPS Haidhen.	Primary	31.66198 72.19596	127	Samina Akhtar	0347-4819904
45	GMPS BoongaTatari.	Primary	31.76676 72.2134	101	Samina Begum	0301-6996345
46	GMPS Sehwa Majooka.	Primary	31.72256 72.22517	64	Shahida Parveen	0344-3116858
47	GPS Darbar Lakhi Shah	Primary	31.773338 72.251634	80	Amir Nasir	0313-7074718
48	GMPS KotKhushal	Primary	31.66266 72.2292	85	Naseem Akhtar	0348-1177275

49	GMPS Bindi Haiden	Primary	31.66198 72.19596	142	Mureed Fatima	0341-7757279
50	GMPS Atuana	Primary	31.6617922 72.2554631	73	Najma Kamal	0346-7293559
51	GMPS Koler	Primary	31.71216 72.19914	119	Ghulam Rasool	0301-3963849
52	GPS Patti Allahwali	Primary	31.69838 72.20447	62	Yasir Ameer Khan	0302-9313006
53	GPS Bannay Wala	Primary	31.701156 72.20671	50	Ghulam Yasin	0347-7612737
54	GPS Boori	Primary	31.7361174 72.2652356	50	Muhammad Abdul Rehman	0345-7740467
55	GGPS Patai Allan Wali.	Primary	31.69838 72.20447	70	Zakia Begum	0347-2112291
56	GGPS JhangeerPur.	Primary	31.72047 72.24411	46	Shehnaz Akhtar	0341-0563045
57	GGPS New Delhi.	Primary	31.7399449 72.2699858	61	Kausarperveen	0345-1707805
58	GPS Lodharan Wala	Primary	31.24887 72.09441	60	Liaqat Ali	0345-5270861
59	GMPS Kamara	Primary	31.19161 72.12375	252	Sakina Bibi	0307-6092234
60	GPS Basti Sangha	Primary	31.18266 72.15017	102	Muhammad Ijaz	0346-8972516
61	GGES Munday Syed	Middle	31.27671 72.01811	280	Sumaila Bukhari	0306-7270882
62	GG CMS Subhyana Gharbi	Primary	31.26025 72.09236	145	Sidra TulMuntaha	0348-6498003
63	GMPS Dhabbi	Primary	31.23999 72.08869	129	Asma Nawaz	0348-1593059
64	GGPS Garhi Fateh Ullah No.1	Primary	31.26729 72.08682	63	Uzma Zafar	0347-2046119
65	GGPS Kharal Sipra	Primary	31.23994 72.08876	223	Tanveer Akhtar	3477424736

66	GGPS Aalma Gharbi	Primary	31.25182 72.09061	60	Tasneem Yousaf	0349-1774771
67	GPS Kot Rustam	Primary	31.03405 72.06407	194	Muhammad Zafar	0300-2588059
68	GPS Kot Shakir	Primary	31.48196 72.08656	225	Muhammad RamzanAsi	0301-3967096
69	GMPS Khokharnwala	Primary	31.49487 72.1078	81	Farkhanda Yasmeen	0340-1339855
70	GMPS Joya	Primary	31.489 72.10425	109	NadraPerveen	3477884696
71	GES Chandna	Middle	31.51028 72.099666	518	Abdul Raheem Qasim	0300-6502889
72	GPS Khan Pur	Primary	31.4742 72.09559	51	Zafar Hussain	3437939692
73	GGPS Ahmad Abad No 1	Primary	31.4924 72.09274	32	Tallat Nasreen	0306-7969729
74	GPS Dosa	Primary	31.21621 72.01633	190	Ghulam Shabbir	0301-5741679
75	GMPS Garhi Fateh Ullah	Primary	31.2758 72.01711	151	Uzma Zafar	0347-2046119
76	GMPS Jandian Wala	Primary	31.32787 72.02831	100	Najma Batool	0348-7511384
77	GHS Kot Maldave	High	31.21387 72.01611	400	Muhammad Saeed	0302-3787854
78	GGPS Kot Maldave	Primary	31.21356 72.01856	63	Abida Safdar	0348-6722315
79	GPS Kurian Wala	Primary	31.33944 72.077319	76	Shah Nawaz	0345-7905403
80	GPS Douka	Primary	31.55049 72.1958	66	Abrar Hussain Shah	0345-7855723
81	GPS BastiMalah	Primary	31.30472 72.27734	260	Muhammad Akram	0342-7784700
82	GES Patuana	Middle	31.32514 72.29108	248	Khalid Masood	0344-8750640
83	GHS Habib	Middle	31.34097	247	Muhammad Waris	0346-7250742

			72.29914			
84	GGES Kabli	Middle	31.40656 72.13736	221	Shehnila Akhtar	3420460365
85	GMPS Jangle Katora	Primary	31.42023 72.1914	101	Umm-e-Salma	0342-1361820
86	GMPS Chak Baloachan	Primary	31.47738 72.21359	125	Sidra Basheer	0347-6043913
87	GGPS Thatta Koriana	Primary	31.43108 72.27517	104	Kouser Perveen	0334-0161920
88	GES Kharora Baqir	Middle	31.46799 72.46684	408	Tabbarak Hussain	0346-3434795
89	GPS KharoraBaqir (W)	Primary	31.4907452 72.4248653	60	Muhammad Iqbal	0341-3181795
90	GPS Bhouchra	Primary	31.50246 72.4987033	56	Zahoor Ahmad	0343-7607038
91	GPS BindiBaigMahni	Primary	31.45331 72.38207	77	Muhammad Sharif	0343-2452640
92	GPS DeraWaryam	Primary	31.30539 72.30263	66	Muhammad Hussain	0349-6119082
93	GMPS Budhay Ki	Primary	31.4521423 72.4550056	385	Zakia	0344-7812496
94	GPS Wali Mohammad wala	Primary	31.43678 72.39542	72	Ubaid UIRehman	0347-6001005
95	GMPS Dhannu Wala	Primary	31.43223 72.34558	66	Muhammad Qais Amir	3417952779
96	GPS Lakhnana Abad (PEF)	Primary	31.4598392 72.4675047	92	Mumtaz Hussain	0344-7900418
97	GES BindiPatuana	Middle	31.25329 72.15118	322	Manzoor Hussain	0343-7994445
98	GPS KotBehram	Primary	31.30167 72.14682	201	Muhammad Yousaf	0347-7242743
99	GPS Nikka Blouchan	Primary	31.29017 72.13014	94	Zafar Iqbal	0347-8379510
100	GMPS Massan	Primary	31.308499	238	Kaneez Fatima	0341-6740578

			72.187493			
101	GPS Magha Patuana	Primary	31.23503 72.13124	203	Muhammad Akram	0333-6738150
102	GGPS Bullah Patuana	Primary	31.22431 72.17796	60	Ijaz Bibi	0344-7897124
103	GPS Dheduana	Primary	31.27671 72.21414	110	Imam Bukhsh	0341-6907297
104	GMPS Lalla Juhla	Primary	31.29629 72.15511	68	Muhammad Ashraf	0344-7900930
105	GPS Bindi Patuana	Primary	31.26024 72.14488	62	Muhammad Ashraf	0345-6787028
106	GPS Bela Chountra	Primary	31.2228 72.1377	147	Muhammad Ijaz	0333-2447664
107	GPS Namdar Phulhi	Primary	31.25083 72.17471	208	Raza Mustafa	0347-2131840
108	GPS Bela Jutian Wala	Primary	31.20165 72.14868	62	Zulfiqar Ali	0345-8900487
109	GPS Tahli Gaddanwali	Primary	31.25468 72.20994	184	Muhammad Ahsan	0342-5833446
110	GHS Pir Kot Sadhana	High	31.270548 72.164045	687	Syed Zil-e-Abbas Shah	0346-5532846
111	GGPS Bindi Patoana	Primary	31.25161 72.15303	50	Asia Latif	0342-5806500
112	GGPS Basti Pathan	Primary	31.29815 72.18414	57	Kausarperveen	0348-7748256
113	GGPS Udhoana	Primary	31.31012 72.14054	48	Kaneez Fatima	0341-7868694
114	GGPS Lahla Johla	Primary	31.28983 72.15104	21	Mumtaz Begum	0344-7914501
115	GGPS Nikkay Baloach	Primary	31.29439 72.13632	51	Asia Kalsoom	0345-1989633
116	GGPS Alma Sharqi	Primary	31.26731 72.1351	55	Tahira	0340-0661249
117	GMPS Chak Jan Pur	Primary	31.24181 72.19829	104	Ghulam Sughra	0342-9320645

118	GGPS Chah Gul Wala	Primary	31.29235 72.1631	50	Qamar Fatima	0345-1046163
119	GPS Mehram Sial	Primary	31.33347 72.18323	64	Ghulam Safdar	0345-7618953
120	GES Jharki	Middle	31.32623 72.21621	442	Farooq Ahmad	0306-7221811
121	GPS Kharkhin	Primary	31.35952 72.23251	235	Muhammad Iqbal	0344-7937335
122	GPS Zafar Abad	Primary	31.135725 71.960192	92	Ghulam Abbas	0301-3936759
123	GGES Hassan Khan	Middle	31.38746 72.23529	225	Mariam Dilshad	0341-3076716
124	GGPS Gairaian Wala	Primary	31.37387 72.23599	50	Rabia Ali	0348-5996384
125	GGPS Khawar Abbas	Primary	31.37354 72.18145	52	Nasreen Akhtar	0345-3737186
126	GGPS Mehram Sial	Primary	31.34256 72.18531	52	Fauzia Bibi	0345-7607735
127	GGPS ChakDarzi	Primary	31.31637 72.22145	32	Muzzamil Jahangir	0345-6200980
128	GGPS Chak Jalal Din	Primary	31.35999 72.18883	142	NasiraPerveen	0306-7500610
129	GGPS PirBehlol	Primary	31.37024 72.1917	77	RukhsanaJabeen	0345-4574603
130	GMPS ThattiKhair Shah	Primary	31.50101 72.15536	167	Muhammad Ijaz	3423775937
131	GMPS Sabhar	Primary	31.55049 72.1958	160	Naila Noreen	3016346554
132	GMPS Long Janubi	Primary	31.4763 72.15481	190	Fauzia	0348-7708645
133	GES Kalera	Middle	31.51144 72.14779	340	Muhammad Asif	0345-1705710
134	GHS Kot Khan	High	31.45773 72.15582	285	Sikandar Hayat	0334-6334780
135	GGES Kot Khan	Middle	31.46009 72.55653	214	Narjis Perveen	3427902949
136	GGPS Pabbar Wala	Primary	31.49737	103	Fahmeeda Yasmeen	3467288565

			72.25616			
137	GGPS Hassan Abdal	Primary	31.45648 72.18197	79	ShehzadiShahida	0347-7718233
138	GGPS Kot Khan Sharqi	Primary	31.47824 72.1756	52	Batool Fatima	0300-2860190
139	GGPS Chak Aliana	Primary	31.45872 72.13704	84	Ishaq Khan	3437908370
140	GMPS Laghari	Primary	31.54424 72.15648	142	Shafqat Abass	3457944550
141	GGPS Thatti Pannah	Primary	31.51325 72.16917	113	Zaib Un Nisa	0332-2002707
142	GGPS Guniana	Primary	31.48136 72.14348	105	Sumaira Yasmeen	0348-6057448
143	GGPS Kalaira	Primary	31.51145 72.14775	55	Nadia Tahira	0346-5031050
144	GGPS Mall Sultan	Primary	31.55052 72.16305	31	Sobia Naureen	0348-1737934
145	GMPS Bela Bhurana	Primary	31.36129 72.1249	84	Asif Shehzad	0342-7913955
146	GHS Chela	High	31.38695 72.14283	540	Sarfaraz Hussain	0343-7916204
147	GGHS Chela	High	31.38887 72.14246	297	Saira Nasir	0332-6272093
148	GHS Salyana	High	31.34464 72.14124	472	Muhammad Ramzan	0345-7581037
149	GHS Sher Chakir	High	31.39293 72.1995	500	Zafar abbas	0346-7264669
150	GGHS Sher Chakir	High	31.3897 72.20089	355	Rehana Bibi	0308-7204797
151	GGPS Kot Boora	Primary	31.39975 72.17083	81	Asia Gul	0341-0163523
152	GMPS Jhaghar	Primary	31.36831 72.13939	190	ShaguftaJabeen	0341-0775200
153	GGPS Chah Bohar Wala	Primary	31.3914 72.16104	26	Samina Parveen	0331-0160780
154	GMPS Rajana	Primary	31.42254 72.15026	76	Rubia Akhtar	0340-7723634

155	GGPS BoharPio Maran	Primary	31.40929 72.22464	50	Khurshid Begum	0346-7261909
156	GGPS Arri Wala	Primary	31.37228 72.20363	41	Nazia	0344-8618757
157	GGPS Wasal Shah	Primary	31.35426 72.14826	59	Tahira Perveen	0311-7149804
158	GGPS Thatti Shah Shakoor	Primary	31.34469 72.14896	60	Musarrat Begum	0344-7950330
159	GGPS Talwara	Primary	31.335266 72.154683	77	Saira Ijaz	0345-6500574
160	GGPS Kot Sukha	Primary	31.35767 72.14108	45	Naseem Akhtar	0345-8156412
161	GGPS Baili Ahmad Khan	Primary	31.36334 72.13035	33	UzmaRiaz	0340-4821837
162	GGPS Tarrana	Primary	31.3486 72.13008	45	Shehnaz Bibi	0343-7895041
163	GMPS Khotiana	Primary	31.33691 72.1294	187	Robina Anwar	0346-7580370
164	GMPS Sajhar Klassan	Primary	31.31716 72.12613	242	Hakim Bibi	0347-9501472
165	GGPS Ghughiana	Primary	31.35054 72.10652	20	Sajida	0348-7369001
166	GGPS Chah Shah Alam	Primary	31.32589 72.16734	49	Kishwar Fatima	3460710154
167	GGPS Anwar Abad	Primary	31.39175 72.17721	90	Khursheed Akhter	3427296680
168	GPS Dab Jalala	Primary	30.71512 71.88872	160	Muhammad Nasir	0304-5046017
169	GPS Khizar Hayat wala	Primary	30.7505 71.89239	105	Muhammad Afzal	0302-2101727
170	GPS Sadhan Nekokara	Primary	30.69004 71.89526	150	Amir Nadeem	0308-4269275
171	GMPS Kacha Kabira	Primary	30.69085 71.85533	60	Iqbal Baigam	0345-3253284

172	GES Kharanwala	Middle	30.7934 71.9517	160	Muhammad Baqir	0333-7681260
173	GPS Basti Hasnana	Primary	30.78033 71.93396	82	Fazal Haq	0335-7134868
174	GMPS Noshehra	Primary	30.75097 71.91523	77	Khursheed Bibi	3336761306
175	GES Hassu Wali	Primary	30.878256 72.046856	540	Muhammad Shoaib	0333-6084182
176	GPS Aputh Janjiana	Primary	30.993733 72.102116	143	FarrakhMehmood	0345-7616784
177	GPS NawabPur (PEF)	Primary	30.879734 72.035183	110	Muhammad Afzal Javid	0333-2441563 (PEF)
178	GMPS Mouza Ali Khanana	Primary	30.64872 71.77772	160	Kalab Ali	3476893014
179	GMPS Bela Surbana	Primary	31.020893 72.129587	60	Allah Ditta	3356697031
180	GES Mehram Sial	Middle	31.021905 72.152817	536	Abdul Majeed	0345-5192952
181	GPS Basti Meharban Shah (PEF)	Primary	31.087051 72.17607	106	Umar Hayyat	0301-7220208 (PEF)
182	GMPS Wali Mohammad Jhandir	Primary	30.6383 71.7602	225	Mah Jabeen	0334-4337431
183	GMPS Faqir Sial	Primary	30.6370997 71.8099022	127	Anwar Fatima	0332-7597823
184	GHS Samandoana	High	30.6335 71.74607	413	Muhammad Afzal	0334-6904032
185	GGHS Samandoana	High	30.63319 71.74505	414	Farrukh Tehseen	0333-0765545
186	GPS Shah Alamwala	Primary	30.7513 71.82742	56	Muhammad Raza Shah	0300-7733326
187	GGPS Islam Pur Nashaib	Primary	31.01178 72.04916	92	Asifa Batool	3029302850
188	GMPS Islam Pur Faraz	Primary	31.00584 72.04762	192	Fauzia Tabassum	0334-7016848
189	GGES Fateh Pur	Middle	30.99608	147	Munazza Siddique	0300-7257820

	Pirrity		72.02659			
190	GHS Mud Rajbana	High	30.92.23 71.97408	557	Kazim Ali Javaid	0308-7502061
191	GGPS Mian Jalal	Primary	30.86213 71.92359	72	Gulzar Naseem	0304-5458647
192	GGPS Mehmood Shah	Primary	30.87577 71.93109	111	Farzana Mukhtar	0303-7720722
193	GGPS Basti Sultan Wali	Primary	30.91272 71.9666	85	Abida Batool	0301-6180732
194	GGPS Mumtaz Abad	Primary	30.8706 71.92965	64	Nazia Khatoon	0332-6255705
195	GMPS Basti Hannani	Primary	30.85403 71.92641	128	Khalida Parveen	0301-7227207
196	GPS Islam Wala	Primary	30.98037 72.02512	267	Zafar Abbas Khan	0301-3120475
197	GHS Neko Kara	High	30.97766 71.87135	770	Muhammad Yousaf	0306-7220497
198	GGPS Islam Wala	Primary	30.70823 71.78757	83	Farhat Nawaz	0347-0098774
199	GHSS Kalyar Wala	High	31.04804 71.96727	368	Shaukat Ilyas	0333-6507117

ANNEX V:LIST OF INDUSTRIES WITH THEIR RISK LEVEL

S#	Industry Name	Location	GPS Coordinates	Risk Type		Risk Level (low, medium, high)	Prone to Hazard? Fire/Floods/Earthquake
				(Chemical, Biological, Radiological, Nuclear)	Name and Contact of Focal Person		
1	Shakkar Ganj Sugar Mills LTD.	Sargodha Road Bhone, Jhang	X: 314634.18 Y:721550.06	Chemical	Abdul Hanan 0315-7430969	Medium	Flood,Fire
2	Haq Bahoo Sugar Mills	18-Hazari Layyah Road	X: 31728.98 Y:72419.33	Chemical	---	Medium	Flood,Fire
3	Siraj Sugar Mills	18-Hazari Layyah Road	X: 31641.19 Y:72338.96	Chemical	7006440	Medium	Flood,Fire
4	Puri Industries	18-Hazari Layyah Road	X: 31737.87 Y:72435.94	Biological	Shehzad Farooq 0307-2690838	Medium	Flood,Fire
5	Three Star Rice Mills	18-Hazari Layyah Road	X: 31741.36 Y:72438.68	Biological	Muhammad Ikram 0333-6733397	Medium	Flood,Fire
6	Saif Ur Rehman Cotton Factory	Bhakkar Road,DAL wala More	X: 311221.92 Y:72211.35	Biological	Saif Urehman 0300-6500980	Medium	Flood,Fire
7	Chela Rice Mills	Bhakkar Road Wasu Astana	X: 311053.15 Y:72451.99	Biological	Ch. Shams ud Din Manager 3027695938	Medium	Flood,Fire
8	Daal Mills	Dal More, Bhakkar Road Jhang	X: 311215.40 Y:72219.10	Biological	Ghulam Abbas 3336733882	Medium	Flood,Fire

Note: Biological Factors i.e. Greenhouse Effect, Chaloroflora carbons and Pollutant etc.

ANNEX VI: LIST OF NGO WORKING IN THE DISTRICT

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Contact Person Name	Contact Person Mobile
1	Al-Fazal Welfare Foundation,	Local	Shah Jewna	Health & General Welfare	Ghulam Raza	0333-4302664
2	Anjuman Khudam-e-Jhang	Local	Shaheed Road Jhang	Health	Ch. Saif Ullah	0312-3820821
3	Blood Brother & Blood Donor Association,	Local	Jhang.	....do....	Sayd Shahbaz Ali	0333-6732855
4	District Red Crescent Society,	Local	Jhang city road Jhang	....do....	DC	047-9200081
5	Hope Welfare Foundation	Local	Akrianwala	....do....	Ghulam Rasool	3453310778
6	Ismail Welfare Society	Local	Satellite town Jhang	....do....	Shamaslrshad	047-7620549
7	Patient Welfare Society	Local	THQ Hospital AP Sial	....do....	Mirza Zafar Asim	0300-6766456
8	Patients Welfare Society	Local	DHQ Hospital, Jhang	....do....	Sh. Muhammad Nawaz Akram	0321-6509509
9	Patients Welfare Society	Local	THQ Hospital , Shorkot	....do....	Rana Muhammad Ishfaq	0333-6767611 0345-7600593
10	Rehman Welfare Society	Local	Basti Lohly Shah, Jhang	....do....	Abdur Rehman	0347-8734201
11	Social Services Forum Iqbal Memorial Hospital	Local	Bhakar Road Jhang	....do....	Dr. Sajjad Ali Akbar	0333-6733313 0336-6250432
12	Tariq Memorial Welfare Society	Local	Satellite town Jhang	....do....	Muhammad Arshad	0313-2731122
13	Tibi Welfare Society	Local	Punjab Tibi College Jhang	....do....	Syed Zail-e-Hussnan Shah	0300-6507826
14	Umeed-e-Zandgi Welfare Foundation	Local	Shorkot Cantt	Health & Women Welfare	Dr. Shafiq Ahmad	0333-6754643
15	Pehchan Welfare Foundation	Local	Green Town Toba Road Jhang	Health	Umar DrazSajid Khalid Mehmood Sajid	0311-7795135
16	Jhang Educational Trust	Local	District Courts Jhang	Education	DC	047-9200080
17	Social Welfare Society	Local	Town Committee Bagh Jhang	---do---	Saif-Ullah Sherwani	3017224495
18	Parents Teachers Association	Local	Madoki Road Jhang	....do....	Khalid Mehmood	0333-6735030

19	Anjuman Islah-e-Moashra, Nika Dultana, Jhang.	Local	Nika Dultana, Jhang	General Welfare	Rana Muhammad Shahid	0335-6990054
20	Faiz Bukhat Welfare Society, Toba Road, Jhang	Local	Toba Road Jhang	Women Welfare	Muhammad Zeeshan	0322-7701214
21	Global Welfare Organization Mazari Town Mandi Shah Jewana	Local	Mandi shah Jewana	Women Welfare	Haji Ameer Muhammad Khan	0343-1862414
22	Idara Taraqi-e-Khawateen,	Local	Civil Line Jhang	Women Welfare	Mrs. Yasmin Akram	0321-6500777
23	Jhang Educational & Environmental Team (Jeet) (Development Organization) Garrison Cadet School	Local	Jhang	Education and General Welfare	Syed Majid Zaman	0321-2755555
24	Mauj-e-Darya Welfare Organization	Local	Darbar Sheikh Johar, Jhang	General Welfare	Hafiz Nazakat Ullah Shah	0345-7612895
25	Prisoner Welfare Society	Local	District Jail Jhang	Prisoner Welfare	Muhammad Zahid	0300-6500486
26	Tehreem Welfare Organization	Local	satellite Town Jhang	General Welfare	Farzana Perveen Balooch	0333-6752269
27	Amina Welfare Foundation Mohallah Chandan Wala St. # 3 Jhang	Local	Chandan Wala muhallah Jhang	...do...	Muhammad Riaz	3425806118

ANNEX VII: CONTACT LIST OF STAKEHOLDERS/ DEPARTMENTS

Sr No.	Designation	Person Name	Telephone (Office)	Telephone (Residential)	Mobile
1	Commissioner	Momin Agha	041-9201717	041-9201701	0304-0920054
2	Deputy Commissioner	Muddassir Riaz Malik	047-9200081	047-9200201	3040920080
3	DPO	Capt® Liaqat Ali Malik	047-9200444	047-9200445	3215325600
4	ADC (Rev)/F&P (Focal Person)	Sajjad Ahmad Khan	047-9200110 9200107		3009425095
5	ADC(Gen)	Asif Iqbal	047-9200098		3451588758
6	AC Jhang	Shahid Abbas	047-9200433		03236240933 03207851011
7	AC Shorkot	Muhammad Ashraf	0475-310171		3004400097
8	AC A.P.Sial	Shahzad Khurram Bahatti	0475-340111		3004700824
9	AC 18 Hazari	Shabbir Ahmad	0477-645721		3016746741
10	Tehsildar Jhang	Sheikh Aamir			3008639678
11	Tehsildar Shorkot	Mr. Saadat Nawaz Khan			3064224072
12	Tehsildar A.P.Sial	Rashad Hussain Olakh			3006762782
13	Tehsildar 18-Hazari	M.Ramzan Bhatti			3017225834
14	Security Branch	Habib Ullah	047-9200082		3457900700
15	Additional SP		047-9200094	047-9200040	
16	DSP(Special Branch)	Muhammad Shaheryar Khan	047-9200325		03009668973- 03477748503
17	DSP (City)	Javid Anwer	047-9200233		3006634177
18	DSP (Sadar)	Saif Ullah Bhatti	047-9200312		3456671111
19	DSP (Legal)	Muhammad Ashraf Kodhan	047-9200060		3336742067
20	DSP (Shorkot)	Muhammad Shahid Nazir	0475-310898		3006006558
21	DSP (A.P.Sial)	Syed Muhammad Hasnain	0475-340016		3006039331
22	DSP(Traffic)	Madam Nasim Akhtar	047-9200311		3007682212
23	Deputy Director Agriculture	Muhammad Ashghar	047-9200290		0334-5682598
24	Finance & Planning Officer	Faisal Bilal	047-9200274		0333-4900986
25	XEN(Highways)	Mahr Azmat Hayat	047-9200064		3005526962
26	XEN(Buildings)	Ahmad Nadeem Khan			0300-5173445
27	CEO Health	Mr Mahaar Akhtar	047-9200139		3040925314
28	District Health Officer.	Dr. Abdul Rahim Ghallo	047-9200122		3040925546
29	M.S.DHQ Hospital Jhang	Dr. Habib Ahmad Buttar	047-9200120		3009650130
30	M.S.THQ Hospital Shorkot	Dr. M.Aashir	0475-310971		3040921583
31	M.S.THQ Hospital	Dr. Hafeez	0475-311302		3040925150

	A.P. Sial				
32	M.S.THQ Hospital 18-Hazari	Dr. Abid.	047-9200121		3040925189
33	DDOH, Jhang	Dr. Naveed Safdar	0475-310978		3336583883
34	DDOH, Shorkot	Dr. Zafar Iqbal	0475-340551		3336761085
35	DDOH, A.P.Sial	Dr. Hafeez	0475-310978		3006505109
36	CEO Education	Sohail Azhar	047-9200128		3125577777
37	DO (Civil Defence)	Rehan sb	047-9200399		
38	Bomb Disposal Commander	Muhammad Ehsan Bari			3457742549
39	ADLG	Saeed Anwar	047-9200130		3007967935
40	DO Enterprize	Muhammad mateen Asghar	047-9200273		3027867001
41	DO Sports	Malik Tahir	047-9200069		03006503387 - 03006569595
42	DO Labour	Alamgir nawaz dab Inspector 0301-7692170	047-9200204		3457692170
43	Deputy Director, Social Welfare	Azhar Abbas Adil			3216013716
44	Deputy Director, Enviorment	Nawaz Sial	047-9200376		3457606733
45	Additional Director, Livestok	Tariq Mehmood Warraich	047-9200152		3458640933
46	DO Fishries	Mumtaz Hussain	047-7651151		3018694144
47	DO Population	Muhammad shaid Nusrat	047-7621911		3005477393
	DO Health	Hafiz ghulam Qadir	047-9200122		0300-6054080
45	Chairman MC Jhang	Sh. Nawaz Akram	479200344.00		3002143800
46	CO, MC Jhang	Anwar baig	047-9200347- 49		3002143800
47	CO, MC 18-Hazari	Irfan Mehdi			3006505959
48	CO, MC Shorkot	Khalid Iqbal	0475-311301		3087888899
49	CO, MC A.P.Sail	Hamid Raza	0475-340020- 26		3026375537
50	SNA	Muhamamd saqib	047-9200055		3357505356
51	DEO(Rescue 1122)	Ali Husnain	047-9200178- 183		3218666339
52	XEN, Irragation, Jhang	Muhammad Rasheed	047-9200300		3455024789
53	SDO Trimmue	Rana Kashif Ali	047-7647200		3457571613
54	XEN, Trimmue	Amir Mumtaz Watoo	047-7647200		3336289951
55	Chairman Zila Council	Nawab Babar Khan Sial	047-9200057		3017699114
56	Chief Officer Zila Council	Ch. Muhammad Rauf Gujjar			3334305095
57	Chairman MC jhanb	Sheikh nawaz akram			3218782011

58	XEN Construction FESCO	Nazar Dub	047-9200450		3451502008
59	XEN WAPDA Jhang-I	Sheikh Mudassar Ali	047-9200224		3451502004
60	XEN WAPDA Jhang-II	Afzal Kathia	047-9200230		3451500397
61	Deputy Director Colleges	Sharif Khan	047-9200163		3006502543
62	XEN, Development Division No.1 Sidhnai	M Ashraf			0300-8634747
63	Circle Registrar Cooperative	Muhammad Afzal			0333-8081904
64	DMO	Asif Iqbal			0345-1588758

ANNEX VIII (1): LIST OF VOLUNTEERS (RESCUE 1122)

S#	Volunteer Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
1	Usama	33202-7674470-1	Mohallah sarafah wala ward no 7 jhang city	3143312558	O+ve	6-8 hours
2	Mubashir Ahmad	33202-3839691-1	Basti Doien Muhammad 18 Hazari	0303-5153600	B+ve	-do-
3	Fida Hussain	33202-9770308-7	Malkana 18 Hazari Jhang	0346-5899230	B-ve	-do-
4	Ali Rehman	33202-3609528-1	Lambi gali ward no.8 near babe umer jhang city	3056411305	A+ve	-do-
5	Ghulam Yaseen	33202-5668614-7	Sheikh Chohar Jhang	0346-7857523	AB+ve	-do-
6	Rashid Shahzad	33202-9571488-9	Sheikh Chohar Jhang	0343-7605338	AB+ve	-do-
7	Usama	33202-1369497-3	H. no.735 near babe umer sreet no.1 jhang city	0307-5377885	B+ve	-do-
8	Muhammad Ilyas	33202-6854049-3	Malkana 18 Hazari Jhang	0346-5763786	B+ve	-do-
9	Ali Tahir	33203-9511853-7	Islam Pur Faraz Ahmad Pur Sail	0300-7649305	B+ve	-do-
10	Muhammad Ishaq	33202-4457700-7	Malkana 18 Hazarri Jhang	0300-7211958	A+ve	-do-
11	Muhammad Shafique	33202-2430437-3	Sheikh Chohar Jhang	0341-7999094	A+ve	-do-

12	Muhammad Rafique	33203-0906816-1	Dub Kalan Shorkot	0302-9301424	B+ve	-do-
13	Qalab Abass	33203-4013798-7	Dub Kalan Shorkot	0346-7270365	O+ve	-do-
14	Ijaz Ahmad	33203-1465311-1	Mahrram Sail Shorkot	0300-4744471	O-ve	-do-
15	Ansar Khalid	33202-1388978-7	Sheikh Chohar Jhang	0347-7722921	B+ve	-do-
16	Umar Daraz	33202-1437606-9	Sheikh Chohar Jhang	0345-7614271	B+ve	-do-
17	M.Raza	36302-2151835-1	Ballo Shahbal	0302-7698387	O+ve	-do-
18	Shabir Rashid	33202-9627933-8	Mochiwala	0345-7591322	O+ve	-do-
19	Irshad Ahmad	33202-1271028-3	Mochiwala	0345-7619214	A-ve	-do-
20	M SaqibSadiq	33202-8767992-1	Sheikh Chohar Jhang	0344-7923151	O+ve	-do-
21	Misri Khan	33202-1272739-1	Sheikh Chohar Jhang	0342-4585800	O-ve	-do-
22	Allah Yar	33202-1224037-5	Chak No.232	0345-7610032	AB+ve	-do-
23	Ghulam Jaffar	33202-1392962-7	Chak No.232	0345-7610665	B+ve	-do-
24	Hamid Ali	33202-7114226-9	Sheikh Chohar Jhang	0345-7989980	O+ve	-do-
25	Adeel Ashraf	33203-7733339-1	Hawali Bahadar Shah	0345-1082670	B+ve	-do-
26	Allah Ditta	33203-1381677-7	Hawali Bahadar Shah	0341-8705882	O-ve	-do-
27	M Shakeel	33202-6234864-9	Sheikh Chohar Jhang	0345-6220357	B+ve	-do-
28	Aurongzaib	33202-3800898-3	Ballo Shahabal	0334-6312709	O+ve	-do-

29	Saraj Bashir	33202-3255491-7	Ballo Shahabal	0313-7019411	B+ve	-do-
30	Muhammad Ismaeel	33202-3223394-7	Sheikh Chohar Jhang	0342-7523775	B+ve	-do-
31	M.Aslam Parvaiz	33202-1140107-9	Mouza Baghari	0308-7779900	AB+ve	-do-
32	Asad Raza	33202-0245741-5	Mouza Baghar	0344-7731223	O+ve	-do-
33	Dr.Ghulam Hurr	33202-1233997-5	Mouza Baghar	0302-7699547	O+ve	-do-
34	M.Munir	33202-1340761-9	Mouza Baghar	0312-7537474	O-ve	-do-
35	Amjad Sahoor	33202-7501742-5	Mouza Baghar	0346-7277653	B+ve	-do-
36	Aftab Ahmad	33202-1302370-7	Mouza Baghar	0300-6508794	O+ve	-do-
37	Azhar Abbas	33202-8187597-7	Mouza Baghar	0345-4966714	O+ve	-do-
38	Manzoor Ahmad	33202-4660529-1	Mouza Baghar	0313-7058933	A+ve	-do-
39	M.Ramzan Asad	33202-1350066-1	Mouza Baghar	0346-2205619	B+ve	-do-
40	Abdul Kareem Raza	33202-6146336-5	Mouza Baghar	0300-6508905	B-ve	-do-
41	G.Yaseen	33202-1552530-9	PeerKot	0307-3787824	A+ve	-do-
42	Muhammad Dalmir	33202-4759612-5	PeerKot	0343-7930279	O+	-do-
43	Muhammad Sharif	33202-3634846-5	PeerKot	0344-7763707	O+	-do-
44	Riaz Hussain	33202-2442013-3	PeerKot	0346-7792430	O+	-do-
45	Khuda Bukhsh	33202-1024999-3	PeerKot	0341-4848300	O+	-do-

46	Muhammad Aslam Khan	33202-1613898-5	Niky Balooch	0340-7446001	A+	-do-
47	Shair Muhammad	33202-8714131-8	Mulkhiyana peer kot	0347-6075927	B+	-do-
48	Muhammad Iqbal	33202-1351305-5	PeerKot	0345-6480447	O+	-do-
49	Riaz Hussain Shah	33202-1265985-3	Chak Jan Pir	0342-7936136	O+	-do-
50	Zafar Iqbal	33202-3078958-9	Niky Balooch	0346-0789589	O+	-do-

ANNEX VIII (2): LIST OF VOLUNTEERS (CIVIL DEFENCE)

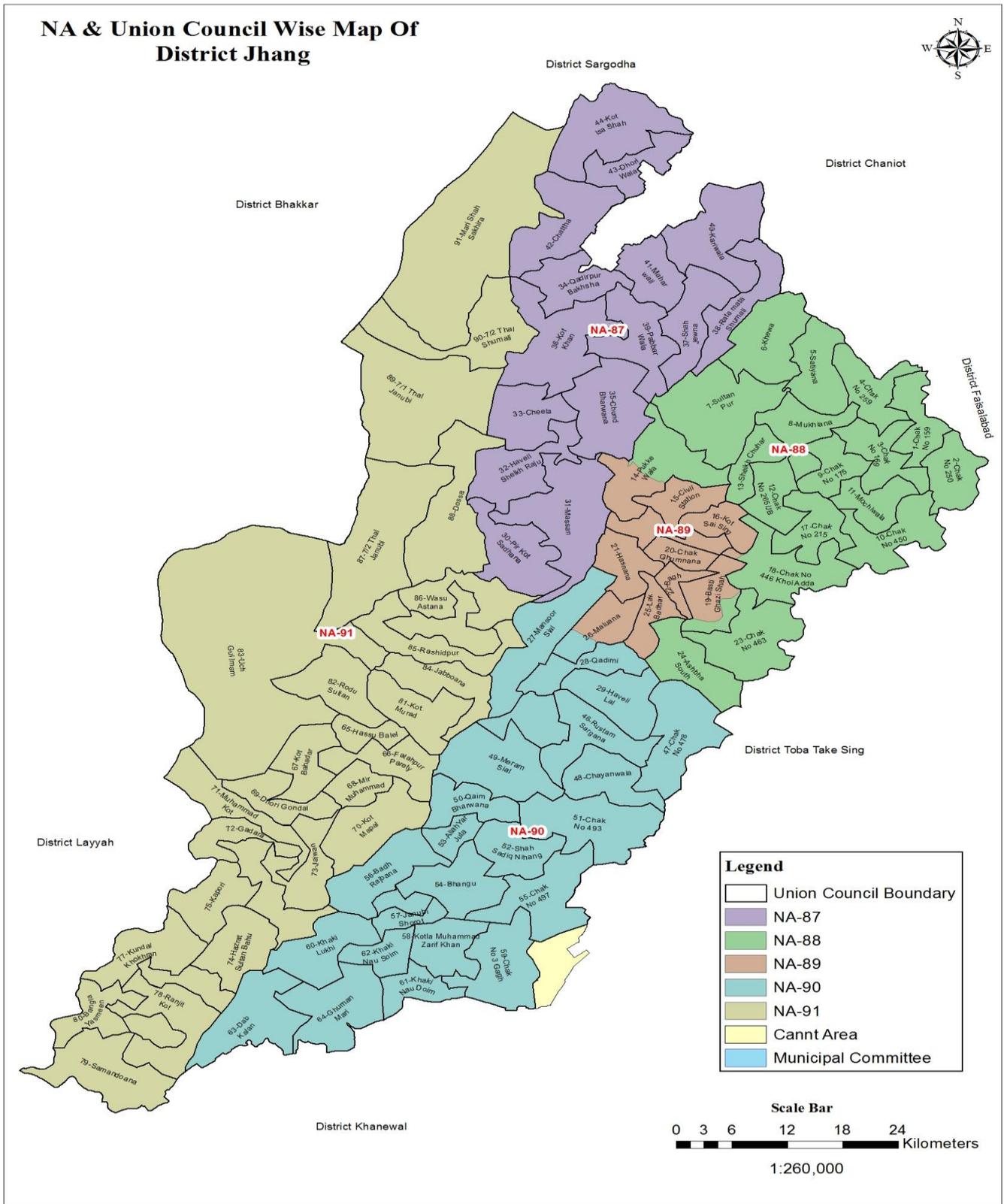
Sr. No.	Name of Volunteer	CNIC No.	Address	Contact No.	Blood Group	Time required being on board
1	Muhammad Riaz	33202-9192929-7	Mohallah Loolhy Shah, Tehsil & District Jhang.	0342-1733735	A+	45 mints
2	Muhammad Arsalan	33202-6881964-1	-do-	0302-9259260	B-	-do-
3	Muhammad Shahzad	33202-3633936-7	-do-	0340-1178822	A+	-do-
4	Imam Bux	33202-7581049-7	-do-	0347-2855458	O+	-do-
5	Umair Zafar	33202-3504200-7	-do-	0307-3787248	A+	-do-
6	Ghulam Murtza	33202-4948587-3	-do-	0341-8692316	A+	-do-
7	Azhar Abbas	33202-4947204-9	-do-	0342-1733735	A-	-do-
8	Muhammad Ayoub	33202-2928198-7	-do-	0344-0219980	A+	-do-
9	Shehbaz Abbas	33202-9957196-9	-do-	0340-7932717	B+	-do-
10	Ali Raza	33202-9783932-1	Chak Chishtia Fsd. Road Jhang.	0343-7933263	A+	01 Hour
11	Atteq-ur-Rehman	33202-1819669-5	Basti Aata Wali, Toba Road Jhang.	0346-7384034	AB+	45 mints
12	Muhammad Yaqoub	33202-0609197-7	-do-	0348-1400680	A-	-do-
13	Muhammad Iqbal	33202-8372665-9	-do-	0343-7643189	B-	-do-
14	Shahid Manzoor	33202-4151771-1	-do-	0348-1400650	A-	-do-
15	Shahid	33202-7972924-9	-do-	0343-3082362	A+	-do-
16	Muhammad Awais	33202-1975900-9	-do-	0344-3154704	O+	-do-
17	Zahoor Ahmed	33202-4224655-9	-do-	0302-7694379	B+	-do-
18	Gulam Shabbir	33202-9752661-3	Chak Chishtia Fsd. Road Jhang.	0341-8671370	B+	01 Hour
19	Ghulam Shabeer	33202-3362076-6	Mohallah Harmal Pur, Jhang.	0343-0810292	A-	45 mints
20	Saif-ur-Rehman	33202-6549123-9	Chah Mochiwala Chiniot Road Jhang.	0343-7922206	B+	01 Hour
21	Muhammad Imran	33202-7808905-7	Mohallah Hasnana Jhang Sadar	0303-7419535	A+	45 mints
22	Muhammad Shehzad	33202-5335721-3	-do-	0311-7204112	B-	-do-
23	Muhammad Chand	33202-2848407-1	-do-	0313-7203695	B+	-do-
24	Muhammad Shafqat	33202-0691940-5	-do-	0312-6411778	O+	-do-
25	Muhammad	33202-6491436-1	-do-	0314-4929380	A-	-do-

Azam						
26	Muhammad Ghulam Fareed	33202-1602194-3	-do-	0313-7346175	AB+	-do-
27	Gulzar Ahmed	33202-1341470-1	-do-	0305-7662279	B-	-do-
28	Muhammad Ramzan	33202-1409317-7	-do-	0313-1717437	A-	-do-
29	Muhammad Shafique	33202-9444723-1	-do-	0315-7391740	O+	-do-
30	Muhammad Arshad	33202-5891557-1	-do-	0311-7379694	A-	-do-
31	Haq Nawaz	33202-1383964-3	Ward No. 08 Mohallah Purani Eid Gah Jhang City.	0333-6726312	A+	45 mints
32	Gulzar	33202-1177749-3	Wapda Colony Chiniot Road Jhang.	0346-7261197	B+	-do-
33	Muhammad Ilyas	33202-6104899-5	-do-	0346-7261198	O+	-do-
34	Shehzad Mumtaz	33202-6788994-5	Ward No. 08 Mohallah Purani Eid Gah Jhang City.	0346-2648788	B+	-do-
35	Gulam Rasool	33202-5972651-5	Wapda Colony Chiniot Road Jhang.	0347-7861847	AB+	-do-

ANNEX IX (I): POLITICAL CONSTITUENCIES

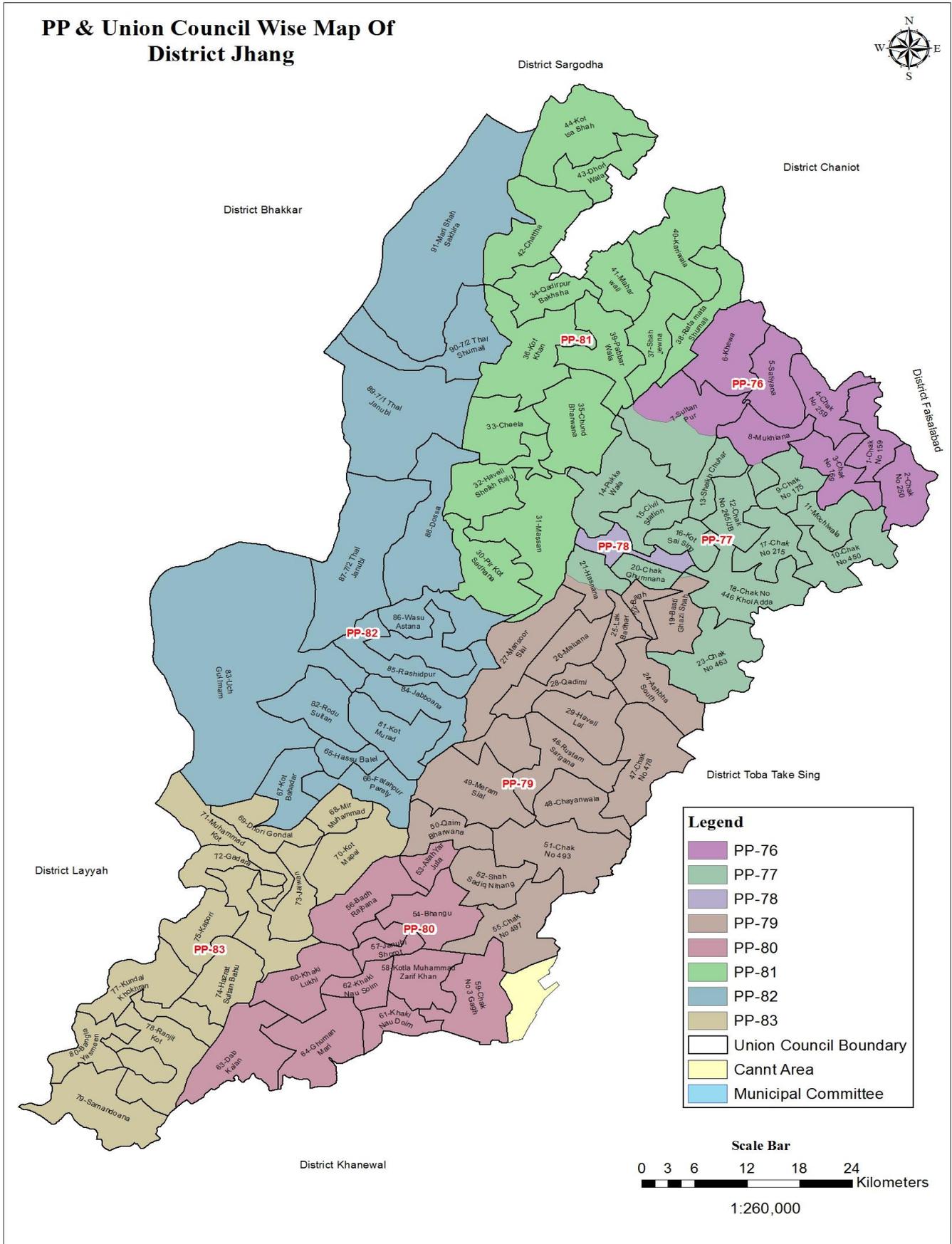
National Constituencies				Provincial Constituencies			
Name of constituency	Name of Sitting Parliamentarian	Portfolio	Contact Number	Name of constituency	Name of Sitting Parliamentarian	Portfolio	Contact Number
NA-87	Ghulam Muhammad Lali	MNA	0333-9704444	PP-76(NA-88)	M.Saqlain Anwar Sipra	MPA	0477-611883 0300-6503969
NA-88	Ghulam Bibi Bharwana	MNA	0345-7609574 0302-7220057	PP-77(NA-88-89)	Khurram Abbas Khan Sial	MPA	0347-5261619
NA-89	Sh.Muhammad Akram	MNA	047-611717-0321-5175091 0300-6605886	PP-78(NA-89)	Masroor NawazJhangwi	MPA	0345-3004444
NA-90	Sahibzada Muhammad Nazeer Sultan	MNA	0300-6662777	PP-79(89-90)	Khalid Mehboob Sargana	MPA	0300-6509900
NA-91	Najaf Abbas Khan Sial	MNA	0475-340786 0300-8450540	PP-80(NA-90)	Khalid Ghani Chaudhri	MPA	0300-6509444
				PP-81(NA-87)	Muhammad Khan Baloch	MPA	0300-7501644
				PP-82(NA-91)	Mian M.Azam Chella	MPA	0300-8116699
				PP-83(NA-91)	Muhammad Aun Abbas	MPA	0300-9466235

ANNEX IX (II): POLITICAL CONSTITUENCIES MAP



Source: DDMA, Jhang

ANNEX IX (III): POLITICAL CONSTITUENCIES MAP



Source: DDMA, Jhang

ANNEX X: LOCAL GOVERNMENT

District and Tehsil Level

S#	Designation	District/Tehsil Name	Name	Contact Number	Mobile Number
1	District Chairman	Zilla Council Jhang	Babar Ali Khan Sial	0301-7699114	
2	District Vice Chairman	Zilla Council Jhang	Muhammad Abbas Shah	0333-5746666	
3	District Vice Chairman	Zilla Council Jhang	Muhammad Iqbal	0300-6503600	
4	Chairman	Municipal Committee Jhang	Sheikh Muhammad Nawaz Akram	0321-8782011	
5	Vice Chairman	Municipal Committee Jhang	Taswar Hussain Shah	03006507559	
6	Chairman	MC A.P Sial	Rana Tauqeer Ahmad	0346-3400346	
7	Vice Chairman	MC A.P Sial	Muhammad Nawaz Khan	0301-6997050	
8	Chairman	MC Garhmaraja	Ch. Muhammad Aslam	0302-3158114	
9	Vice Chairman	MC Garhmaraja	Muhammad Baqir Ali	0301-2394557	
10	Chairman	MC Shorkot	Muhammad Rafique	0300-6509674	
11	Vice Chairman	MC Shorkot	Muhammad Naeem Afaq	0333-6763852	
12	Chairman	MC 18 Hazari	Habib-ur-Rehman	0307-5010094	
13	Vice Chairman	MC 18 Hazari	Munir Hussain	0301-7670955	
14	Tehsil Vice Chairman				

UC Level

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
	Jhang	UNION COUNCIL NO:- 01. CHAK NO. 159/JB	Makhdoomzada Syed Asad Hayat	0300-4009663	Umer Hayat Jappa	0300-4045231
2	Jhang	UNION COUNCIL NO:-02. CHAK NO. 250/JB	Ashraf Ali	0342-7507250	Muhammad Younus	0342-7507250
3	Jhang	UNION COUNCIL NO:-03. CHAK NO. 169/JB	Muhammad Ayoub	0346-7386611	Mehboob Hassan	0345-7982155

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
4	Jhang	UNION COUNCIL NO:-04. CHAK NO. 259/JB	Rehamt Ullah	0345-6451200	Nasir Mehmood	0344-8756660
5	Jhang	UNION COUNCIL NO:-05. SATIANA	Ahmad Nawaz	0344-7930353	Merh Afzal Khanoana	0345-7585160
6	Jhang	UNION COUNCIL NO:-06. KHEWA	Karim Bakhsh	0300-7500729	Jahangir Khan	0300-6500261
7	Jhang	UNION COUNCIL NO:-07. SULTAN PUR	Syed Farrukh Hasnain	0333-8507888	Zafar Bharwana	0345-7617006
8	Jhang	UNION COUNCIL NO:-08. MUKHIANA	Mehr Muhammad Aslam	0345-7501111	Muhammad Anwar Bhojoana	0345-7583962
9	Jhang	UNION COUNCIL NO:-09. CHAK NO. 175/JB	MUHAMMAD ASHRAF KHAN	0346-7186359	Haji Hamid Ali	0345-7609125
10	Jhang	UNION COUNCIL NO:-10. CHAK NO. 450/JB	Muhammad Fareed Nawaz	0345-7585613	Muhammad Yaseen	0341-7980065
11	Jhang	UNION COUNCIL NO:-11. CHAK NO. 182/JB (MOCHI WALA)	Wajid Ali Khan	0341-7564593	Zulfiqar Ali	0342-5442846
12	Jhang	UNION COUNCIL NO:-12. CHAK NO. 265/JB	Babar Raza Hussain	0346-7286722	Mehr Afzal Diraj	
13	Jhang	UNION COUNCIL NO:-13. SHEIKH CHOHRAR	Ch. Hakim Ali Jut	0300-6501160 0315-6501160	Altaf Hussain Bharwana	0345-7608981
14	Jhang	UNION COUNCIL NO:-14. PAKKEY WALA	Muhammad Aslam Pervez	0344-4754600	Habib Ullah	0346-7291962
15	Jhang	UNION COUNCIL NO:-15. CIVIL STATION	Falak Sher Qadiana	0346-7270887	Ch.Muhammad Eshaq	0345-7610438
16	Jhang	UNION COUNCIL NO:-16. KOT SAI SINGH	Muhammad Hussain	0341-1567200	Muhammad Ali Surbana	0346-7251269
17	Jhang	UNION COUNCIL NO:-17. CHAK NO. 215/JB	Ateeq Ur Rehman	0341-6889117	Muhammad Nawaz	0347-8808680
18	Jhang	UNION COUNCIL NO:-18. CHAK NO. 446/JB KHOI ADDA	Khawja Muhammad Zia Ushams	0300-7300455	Zaigham Raza	0346-1170801
19	Jhang	UNION COUNCIL NO:-19. BASTI GHAZI SHAH	Rana Azhar Hussain	0321-9460938	Muhammad Sarfraz Khan	0306-7691677

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
20	Jhang	UNION COUNCIL NO:- 20. CHAK GHUMNANA	Ghulam Shabir Tahir	0346-7273566	Abdul Rehman	0345-7765053
21	Jhang	UNION COUNCIL NO:-21. HASNANA	Ameer Ahmad	0342-7859575	Sarfraz Ahmad	0345-7601800
22	Jhang	UNION COUNCIL NO:-22. BAGH	Syed Muhammad Safdar Shah Naqvi	0300-3266382	Muhammad Hanif Shad	0334-6338149
23	Jhang	UNION COUNCIL NO:-23. CHAK NO. 463/JB	Mumtaz Hussain	0345-7605229	Zahid Khan	0345-9229475
24	Jhang	UNION COUNCIL NO:-24. ASHABA	Jahangir Khan	0345-6452523	Haji Muhammad Afzal	0346-7284406
25	Jhang	UNION COUNCIL NO:-25. LAK BADHAR	Muhammad Sadique	0333-6757078	Gul Shah	0301-7698557
26	Jhang	UNION COUNCIL NO:-26. MALHOANA	Umar Daraz Khan	0300-7505686	Abdul Razaq Shah	0345-8692742
27	Jhang	UNION COUNCIL NO:-27. MANSOOR SIAL	Liaqat Ali	0301-5741645	Mian Mazhar Gul	0300-7504706
28	Jhang	UNION COUNCIL NO:-28. QADEEMI	Riaz Hashmat	0344-7907075	Mehr Falak Sher Bharwana	
29	Jhang	UNION COUNCIL NO:-29. HAVELI LAL	Aqeel Abbas Shah	0301-3969619	Muzafar Khan Haraj	0345-3430669
30	Jhang	UNION COUNCIL NO:-30. PIR KOT SADHANA	Mushtaq Hussain	0312-6727179	Ghazanfar Abbas	0344-7911122
31	Jhang	UNION COUNCIL NO:-31. MASSAN	Haji Merh Muhammad Ashraf Jharki	0345-6500512	Shahadat Hussain Khan	0346-7169472
32	Jhang	UNION COUNCIL NO:-32. HAVELI SHEIKH RAJOO	Saleem Abbas	0341-7924748	Ghazanfar Abbas	0344-5010326
33	Jhang	UNION COUNCIL NO:-33. CHELA	Iftikhar Ahmad Buslana	0345-7599048	Muhammad Fiyaz Chella	0301-7697007
34	Jhang	UNION COUNCIL NO:-34. QADIR PUR BAKHSHA	Ansar Abbas Sajid	0301-6998504	Nawab Khan	0345-7989681

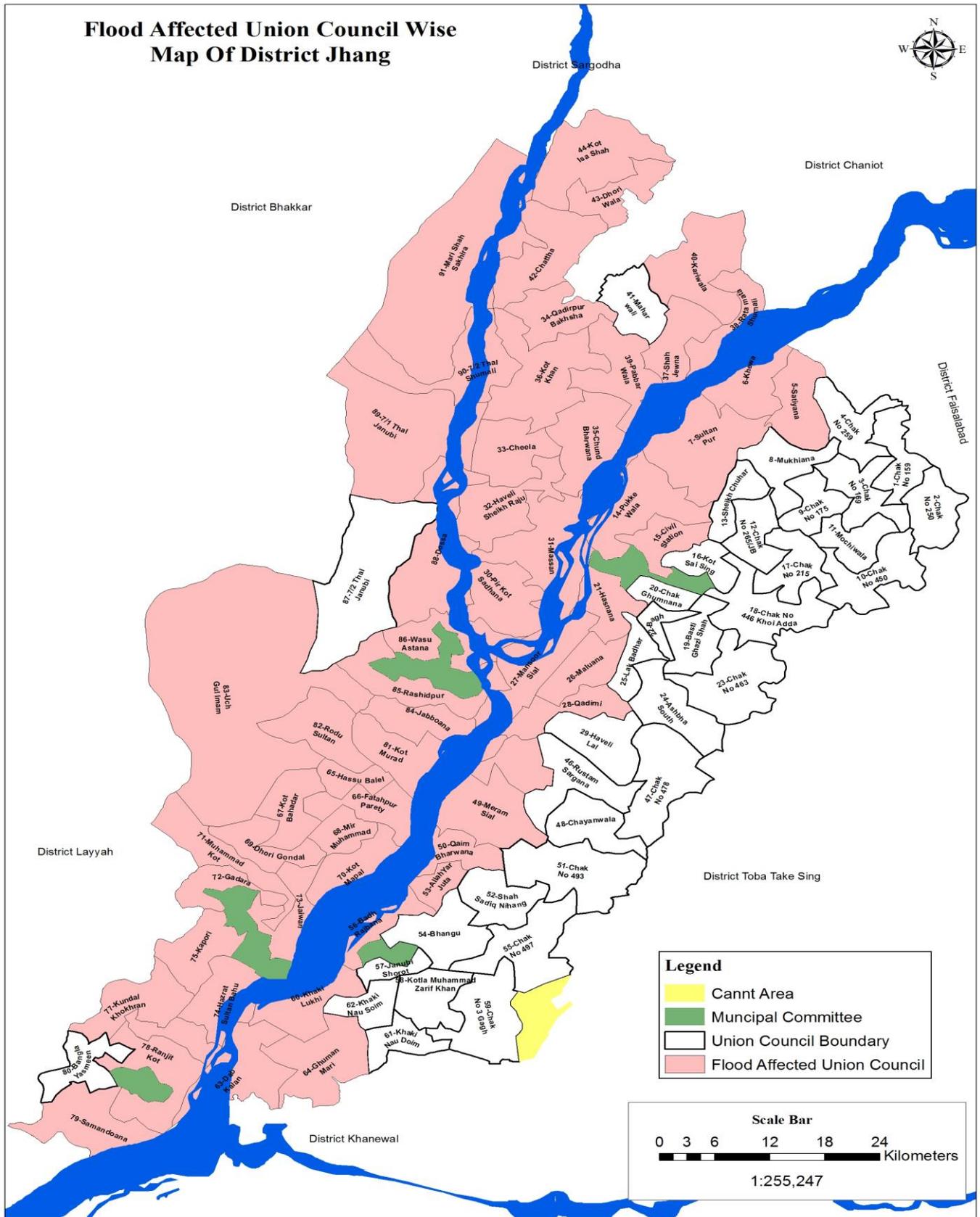
S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
35	Jhang	UNION COUNCIL NO:-35. CHUND BHARWANA	Muhammad Iqbal	0346-7268775	Mazhar Abbas Shah	0342-5598500
36	Jhang	UNION COUNCIL NO:-36. KOT KHAN	Syed Tahir Abbas	0300-4245848	Anyat Ullah Khan Aliana	0345-1492927
37	Jhang	UNION COUNCIL NO:-37. SHAHJEWENA	Syed Muhammad Charagh Hassan	0333-5934861	Allah Ditta Hisam	0345-8972850
38	Jhang	UNION COUNCIL NO:-38. RATA MATA SHUMALI	Sayed Muhammad Abbas shah	0333-5746666	Muhammad Nawaz	
39	Jhang	UNION COUNCIL NO:-39. PABBAR WALA	Tahir Raza Shah	0312-7039659	Syed Suleman Ali Shah	0344-7916391
40	Jhang	UNION COUNCIL NO:-40. KARI WALA	Syed Haider Ali Shah Bukhari	0345-6307483	Malik Muhammad Yar	
41	Jhang	UNION COUNCIL NO:-41. MAHAR WALI	Naseer Nawaz Sabir	0346-6324193	Sabir Iqbal	0345-5826269
42	Jhang	UNION COUNCIL NO:-42. CHATTA	Sajid Abbas Khan	0342-5500738	Shoukat Hayat Khan	0344-7479533
43	Jhang	UNION COUNCIL NO:-43. DHOORI WALA	Abdur Rehman	0345-7985984	Hameed Ashraf	0345-8119494
44	Jhang	UNION COUNCIL NO:-44. KOT ESA SHAH	Muhammad Hayat Khan	0300-6506411	Nawaz Hussain	0347-7845110
45	Shorkot	UNION COUNCIL NO:-45. HAVELI BAHADUR SHAH	Adil Hussain Shah	0300-4736293	Naseem Akhtar Shah	
46	Shorkot	UNION COUNCIL NO:-46. RUSTAM SARGANA	Shafqat Abbas	03437940980 03143411392	Ghulam Hamdani	
47	Shorkot	UNION COUNCIL NO:-47. Chak No. 478/JB	Muhammad Faisal Tehseen	0300-7504790	Muhammad Ashraf	
48	Shorkot	UNION COUNCIL NO:-48. CHAIYANWALA	Abdul Nasir	300-7509485	Fahim Abbas	

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
49	Shorkot	UNION COUNCIL NO:-49. MEHRAM SIAL	Noor Ahmad Khan	0306-7693946	Zafar Ahmad	
50	Shorkot	UNION COUNCIL NO:-50. QAIM BHARWANA	Iqtedar Mehdi Hayat	0300-7500705	Muhammad Aslam	
51	Shorkot	UNION COUNCIL NO:-51. CHAK NO. 493/JB	Zahid Iqbal	0345-3951883	Mazher Iqbal	
52	Shorkot	UNION COUNCIL NO:-52. SHAH SADIQ NEHANG	Sada Raza Ali	0344-7500700	Ch.Muhammad Ayoub	0345-8313754
53	Shorkot	UNION COUNCIL NO:-53. ALLAH YAR JOUTA	Mehar Umer Ali Joota	0333-6763383	Ch. Muhammad Jafir	
54	Shorkot	UNION COUNCIL NO:-54. BHANGOO	Zawar Hussain	0333-6769221	Muhammad Azam	
55	Shorkot	UNION COUNCIL NO:-55. CHAK NO. 497/JB	Mian M. Sharif Kathia	0307-4541593	Safdar Iqbal Shah Qureshi	
56	Shorkot	UNION COUNCIL NO:-56. BADH RAJBANA	Jabir Ali	0334-9612114	Abid Mehmood	
57	Shorkot	UNION COUNCIL NO:-57. SHORKOT JANUBI	Shahbaz Ali	0300-7789454	Saif-Ur-Rehman	
58	Shorkot	UNION COUNCIL NO:-58. KOTLA ZAREEF KHAN	M. Sad Ullah Khan	0300-7731622	Muhammad Sajjad Hussain	
59	Shorkot	UNION COUNCIL NO:-59. CHAK NO. 03 GAGH	Manzoor Hussain	0300-6508377	Shoaib Sarfraz	0345-7483901
60	Shorkot	UNION COUNCIL NO:-60. Khaki Lakhi	Munir Hussain	0302-7765035	Tanveer Abbas Kamlana	
61	Shorkot	UNION COUNCIL NO:-61. KAKI NAU DOIM	Muhammad Iqbal	0300-6508233	Muhammad Yousuf	0300-7212662
62	Shorkot	UNION COUNCIL NO:- 62. KAKI NAU SOIM	Mehr Nawaz Sial	0301-6990800	Zafar Ullah Janjoa	0300-7505344

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
63	Shorkot	UNION COUNCIL NO:-63. Dab Kalan	Akhtar Abbas	0308-6768698	Muhammad Ali	
64	Shorkot	UNION COUNCIL NO:-64. GHUMAN MARI	Sajjad Hussain	0301-6504330	Hafiz Kamran	
65	A.P.Sial	UNION COUNCIL NO:-65. HASSU BALAIL	Toqeer Abbas Qaisr	0300-7591019	Zubair Ahmad Khan	
66	A.P.Sial	UNION COUNCIL NO:-66. FATEH PUR PARETY	Nasir Abbas Khan	0300-6500219	Muhammad Aslam Khan	0300-6508192
67	A.P.Sial	UNION COUNCIL NO:-67. KOT BAHADUR SHAH	Khizar Hayyat	0321-6519791	Mazhar Abbas Khan	0301-3067331
68	A.P.Sial	UNION COUNCIL NO:-68. MIR MUHAMAD	Khizar Abbas Khan	0301-6504765	Zafar Abbas Khan	0300-7078380
69	A.P.Sial	UNION COUNCIL NO:-69. DORI GONDAL	Mazhar Abbas	0301-7221567	Mumtaz Hussain Khan	0300-5299415
70	A.P.Sial	UNION COUNCIL NO:-70. KOT MAPAL	Zafar Ali	0301-6567157	Sajjad Hussain Qureshi	
71	A.P.Sial	UNION COUNCIL NO:-71. MEHMOOD KOT	Muzafar Abbas	0300-7649786	Javed Iqbal Gujjar	
72	A.P.Sial	UNION COUNCIL NO:-72. GADARA	Intekhab Haider	0345-7622222	Mehr Irshad Hussain	0301-3961790
73	A.P.Sial	UNION COUNCIL NO:-73. JAIWAN	Muhammad Raza Ali Khan	0300-6509212	Haji Qaiser Abbas	
74	A.P.Sial	UNION COUNCIL NO:-74. HAZRAT SULTAN BAHOO	Sahibzada Habib Sultan	0300-5013374	Aslam Bhatti	
75	A.P.Sial	UNION COUNCIL NO:-75. KAPOORI	Khan Jabir Ali Khan	0300-8604112	Dr. Sumaira Abbas Rana	
76	A.P.Sial	UNION COUNCIL NO:-76. PIR ABDUL REHMAN	Muhammad Hassan Qureshi	0308-5666117	Mukhdoom Sajid Hasnain	0333-7501400
77	A.P.Sial	UNION COUNCIL NO:-77. KUNDAL KHOKHRAN	Mehar Ghulam Qasim	0300-6502222	Hassan Raza Sial	

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
78	A.P.Sial	UNION COUNCIL NO:-78. RANJEET KOT	Mushtaq Mehdi	0333-7777014	Babar Ali Khan	0333-6262457
79	A.P.Sial	UNION COUNCIL NO:-79. SAMANDOANA	Syed Karam Hussain Shah	0333-6041110	Mehr Ahmad Nawaz	
80	A.P.Sial	UNION COUNCIL NO:-80. BANGLA YASMEEN	Sultan Mehmood	0300-8175369	Muhammad Ali	
81	18-Hazari	UNION COUNCIL NO:-81. KOT MURAD	Muhammd Kashif Abbas	0300-7500679	Allah Ditta Khan	
82	18-Hazari	UNION COUNCIL NO:-82 RODU SULTAN	Muhammad Ishaq	0300-4974747	Ghulam Akbar	
83	18-Hazari	UNION COUNCIL NO:-83 Chak 10/1 THAL	Ghulam Qasim	0322-8652386	Muhammad Aslam Sial	
84	18-Hazari	UNION COUNCIL NO:-84. JABOANA	Muhammad Iqbal Khan Jabuana	0300-6503600	Mehdi Khan	
85	18-Hazari	UNION COUNCIL NO:-85. RASHIDPUR	Babar Ali Khan Sial	0301-7699114	Nazar Abbas Khan	
86	18-Hazari	UNION COUNCIL NO:-86. WASU ASTANA	Muhammad Mehboob Ahmad	0300-7509724	Azhar Abbas Khan	
87	18-Hazari	UNION COUNCIL NO:-87. CHAK 7/2 THAL JANUBI	Iftikhar Hussain Khan	0344-8783551	Sarfraz Hussain	
88	18-Hazari	UNION COUNCIL NO:-88. DOSSA	Irshad Hussain	0300-7509007	Muhammad Ramzan	0312-6501412
89	18-Hazari	UNION COUNCIL NO:-89. CHAK 7/1 THAL JANOBI	Mehar Gul Sher	0343-7913355	Haji Mazhar Aliana	
90	18-Hazari	UNION COUNCIL NO:-90. 7/2 THAL SHUMALI	Muhammad Nawaz	0307-2123632	Umer Hayat Akera	0345-1200650
91	18-Hazari	UNION COUNCIL NO:-91. MARI SHAH SAKHERA	Muhammad Shehryar Mehdi Khan	0345-7988871	Ghafar Khan	

ANNEX X (I): POLITICAL CONSTITUENCIES MAP



Source: DDMA, Jhang

ANNEX XI: DATA COLLECTION PERFORMAS

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 Performa

District: _____

Date: _____

S#	Name of deceased	Father's 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
----	------------------	---------------	---------	----------	--------	-----	------	----------------	---------------	----------------	----------------	---	---	--------------------------

P3: Injurd Person Reposrting Performa

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
----	-----------------	---------------	---------	----------	--------	-----	------	-----------------	----------------	--------------------------------------	--------------------------

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.
----	----------------	-------------	------	-------	--------	-----------------	-------------------------------------	-------------------------	--------------------------------	--------------------------------

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 Performa

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 Performa

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
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P9:NGOs registration performa

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.
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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
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ANNEX XII: CAMP MANAGEMENT SOPS

- Camps would be established in areas accessible by metalled 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 XIII: FLOOD BUNDS

INFORMATION REGARDING FLOOD BUND CATEGORY A			
SR:#	NAME OF DIVISION	NAME OF EMBANKMENT / BUND	LENGTH (ft)
<u>SARGODHA ZONE</u>			
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
<u>PMO BARRAGES</u>			
1	Kalabagh H/Works Division	Jinnah Barrage	25,080
	Total in feet.		25,080
	Total in Miles.		4.75
<u>FAISALABAD DIVISION</u>			
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
<u>BAHAWALPUR ZONE</u>			
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
	Total in Miles.		10.42
<u>MULTAN ZONE.</u>			
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
<u>D.G.KHAN ZONE</u>			
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 Narawal	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	86,000
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	-do-	90,000

	Division		
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
<u>MULTAN ZONE</u>			
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
<u>D.G.KHAN ZONE</u>			
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
<u>LBDC (IP)</u>			
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
<u>LAHORE ZONE</u>			
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
<u>PMO BARRAGES</u>			
1	Jinnah Barrage	-do-	20,000
	Total in feet.		20,000
	Total in miles		3.79
	Grand Total (in miles)		350.76

ANNEX XIV: RIVER DISCHARGE RATES

River	Gauge Site	Designed Capacity (lac Cs)	Flood Limits in Lac Cs.				
			Low	Med:	High	Very High	Exp. 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
JHELUM	Kohala	12	1	1.5	2	3	4
CHENAB	Mangla	10.6	0.75	1.1	1.5	2.25	3
	Rasul	8.5	0.75	1.1	1.5	2.25	3
	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
RAVI	Punjad	7	1.5	2	3	4.5	6
	Jassar	2.75	0.5	0.75	1	1.5	2
SUTLEJ	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
	G.S.Wala	10 ft.	19.5	21.5	23.3	25.3	
	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 XV: 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 falls or avalanches, surface collapses, expansive soils and debris or mud flows.