



Relief, Rehabilitation & Settlement
Department, Government of
Khyber Pakhtunkhwa
حکومت خیبر پختونخوا

MONSOON CONTINGENCY PLAN

2021



Provincial Disaster Management Authority
Government of Khyber Pakhtunkhwa



Government of
Khyber Pakhtunkhwa
حکومت خیبر پختونخوا

MONSOON

CONTINGENCY PLAN 2021



**Provincial Disaster Management Authority, Khyber
Pakhtunkhwa**





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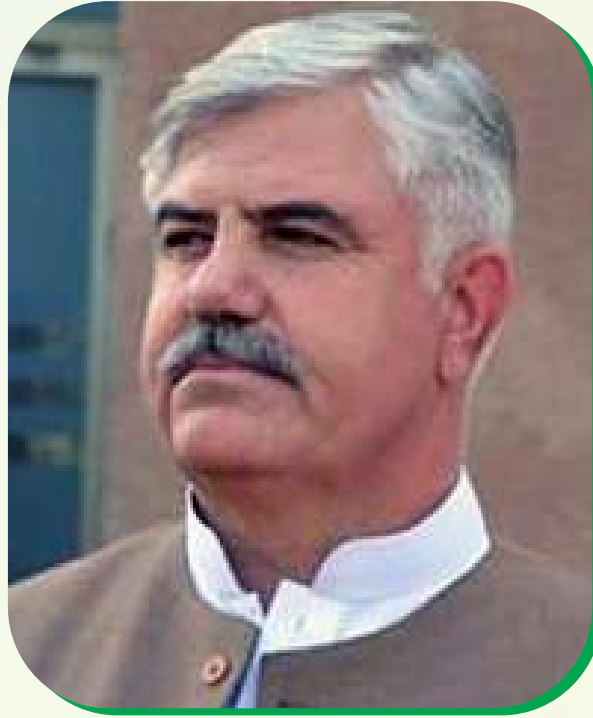
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**GLOF II
PAKISTAN**





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Chief Minister Khyber Pakhtunkhwa



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Chief Secretary Khyber Pakhtunkhwa

From the Desk of Secretary Relief, Rehabilitation & Settlement Department, Khyber Pakhtunkhwa

The unique geographic terrain of the province of Khyber Pakhtunkhwa makes it more vulnerable to natural disaster including hydro metrological and geological. The strategic position of the province has also created some humanitarian crisis like terrorism and resultant TDPs influx. All these factors added to the vulnerability of the province and demand effective strategies to cope with emergency situation.



As per practice, this year too the Provincial Disaster Management Authority Khyber Pakhtunkhwa has managed to formulate an effective Monsoon Contingency Plan for dealing with monsoon hazards for the year 2021 by engaging local, district, divisional, provincial and national stakeholders. This contingency plan will play a vital role in a well-coordinated response to any unforeseen monsoon disasters in Khyber Pakhtunkhwa. The vulnerability of the province demands dedication and commitment to prevent, mitigate and reduce the risks and prepare for any potential disaster.

I really appreciate the PDMA team for the dedicated efforts in preparing this comprehensive document through various exhaustive consultative sessions with all stakeholders. I also want to reassure that Relief, Rehabilitation and Settlement Department resolve to undertake various initiatives, in order to meet the challenging demands of this province in the face of amplified impacts of climate change in the form of hydrometeorological disasters.

Mr. Yousaf Rahim



From the Desk of Director General PDMA, Khyber Pakhtunkhwa

The prime mandate of Provincial Disaster Management Authority, Khyber Pakhtunkhwa is to foresee and sort out all possible measures for dealing with all forms of disasters that may occur in this province for saving public lives and livelihood in a timely manner.

The challenges being faced by this authority are multi-dimensional including natural disasters like earthquakes, floods, GLOFs, droughts etc. and man-made disaster like displacements and complex humanitarian crisis. The Phenomena of climate change has its own challenges like Global warming, extreme temperature, heat waves and glacial lake outbursts that specifically occur in Chitral. Last year in September a glacial lake outburst at Golain, Chitral led to widespread devastation in terms of human lives and damages to infrastructures. Similarly, in Malakand division heavy rain fall spells and thunder storms resulted in many damages and caused flooding in downstream rivers including River Swat and River Kabul. All these incidents necessitate the importance of contingency plan and its effective implementation by all stakeholders.



We at PDMA, in collaboration with all stakeholders are committed to realize the vision of a Disaster Resilient Khyber Pakhtunkhwa and have developed strategies for countering the impacts of various hazards and consequent disasters. Through our ongoing and new proposed projects, we are trying to ensure that disaster risk reduction (DRR) strategies are being implemented at all level, awareness raising campaigns are being regularly launched. Seven telemetry systems installed at strategic places for early warnings, sites have been identified in all districts for evacuation of public in case of any emerging situation during monsoon 2021, resources availability have been mapped out, gaps have been identified and essential supplies have already been dispatched to all districts. Advisories have been issued to district administration and line departments for mitigative measures like removing of encroachments from flood plains and rivers, desilting operations, fixation of dilapidated boards, cleaning of sewerage lines and cutting of trees touching high tension wires for avoiding loss of precious lives and damage of public properties. Above all, awareness campaigns are being regularly launched through print, electronic and social media informing the public how to respond in a particular situation. With all these mitigative measures, proactive planning of PDMA, support and coordination of the Federal, Provincial, district governments, Pak army and our humanitarian partners we are confident for a better response during the upcoming monsoon season for saving public lives and property and building a better resilient Khyber Pakhtunkhwa.

Mr. Sharif Hussain



EXECUTIVE SUMMARY

The province of Khyber Pakhtunkhwa has faced various natural and man made calamities in the past decades including earthquakes, floods, locust attack, terrorism and resulting TDPs influx and the ensuing pandemic of COVID-19-which has strained thin the resources and had put enormous pressure on the economy as well as lives and livelihood of the people of this province. Apart from above, the province of Khyber Pakhtunkhwa due to the impacts of climate Change patterns and Global warming has witnessed a number of other events like the recurrence of recent years ‘Glacial Lake Outbursts floods in the Northern regions, especially in Chitral which wreaked havoc to the built system of that areas. Similarly, the thunder storms and heavy rain fall in Malakand and Hazara regions resulted in widespread damages and flooding downstream. Due to the changing weather patterns such types of events will increase in frequency in the future ahead-which warrant mitigative measures, preparedness and planning ahead of time and multi-pronged approach and implementation of Disaster Risk Reduction strategies.

This current document of Monsoon Contingency Plan 2021 gives a detail view of hazards profile of all the districts vulnerabilities and risk and its index, available and deployed resources, mapping of public and private sector machinery, mechanism of coordination at district, provincial and national level, the type of strategy to be adopted and the formation of control room in case of any emergency situation. This plan chalk out the preparedness level of all stakeholders including Federal Government Agencies, Provincial Government Line Departments and Districts Governments, Humanitarian organizations and Pak Army and will serve as a guiding tool for all the stakeholders.

Keeping in view the current climate change patterns, including overall global warming, rising temperatures, severe weather events, Glacial Lakes Outburst Flooding (GLOFs) and incidents of last monsoon which has resulted into loss of 123 precious lives, 115 injuries and considerable damages to both public and private infrastructure, this current MCP 2021 outlines different scenarios of emergency situations ranging from small scale events to large scale devastation and accordingly offers a clear picture of caseload, resources and relief to be provided for offsetting the impacts of these events. The Provincial Disaster Management Authority has already dispatched sufficient quantity of relief items to all the districts of Khyber Pakhtunkhwa and has provided funds to be used for coping any emergency situation.

This plan is the end product of various consultative and debriefing exercises held with district administration, provincial and federal departments and humanitarian organizations and will surely help in the march toward a resilient Khyber Pakhtunkhwa in the wake of unforeseen natural monsoon events for the future ahead.



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LIST OF ACRONYMS

AAD	Additional Assistant Commissioner
AC	Assistant Commissioner
ADB	Asian Development Bank
ADC	Additional Deputy Commissioner
CDPM	Centre for Disaster Preparedness and Management, University of Peshawar
COVID – 19	Corona Virus Disease 2019
DC	Deputy Commissioner
DDMO	District Disaster Management Officer
DDMU	District Disaster Management Unit
DNA	Damage Need Assessment
DRM	Disaster Risk Management
GLOF	Glacial Lake Outburst Flood
GLOF-II	Glacial Lake Outburst Flood (Phase-II)
HH	House Hold
HRF	Humanitarian Response Facility
MC	Municipal Corporation
MO	Municipal Officer
MHVRA	Multi Hazard Vulnerability Risk Assessment
OBM	Out-Board Motors
PEOC	Provincial Emergency Operation Centre
PRCS	Pakistan Red Crescent Society
PMD	Pakistan Meteorological Department
UNOCHA	United Nations Office for the Coordination of Humanitarian Affairs
UN	United Nations
UNDP	United Nation Development Program
WB	World Bank
WFP	World Food Program
WHO	World Health Organization



PROVINCIAL DISASTER MANAGEMENT AUTHORITY KHYBER PAKHTUNKHWA

The massive earthquake of 2005 reinforces the importance of effective disaster risk management structure and institutional arrangements in the country. Hence the government of Pakistan promulgated the “National Disaster Management Ordinance (NDMO)” in 2006. The ordinance was then converted in the “National Disaster Management Act” in 2010. Subsequently, the “National Disaster Management Policy” also came in to force in 2012. The Act and Policy ibid govern the full spectrum of Disaster Risk Management (DRM) through legal bodies and the establishment of an institutional system in all provinces and regions of Pakistan. The Provincial Assembly of Khyber Pakhtunkhwa localized the national level 2010 Act through insertion of new clauses regarding human induced disasters like militancy and terrorism incidents and made some other relevant changes in the context of peculiar situation of the province. Currently, National Disaster Management Khyber Pakhtunkhwa (Amendment) Act, 2012, governs the institutional arrangements for DRM in the province.

PDMA was established on 27th October, 2008 as a result of National Disaster Management Ordinance 2006. It was subsequently ratified through National Disaster Management Act 2010. Soon after its establishment, situation of militancy and extremism forced the government to carryout military operation in Malakand Division against extremist groups, which resulted in an influx of 3.5 million people. In order to manage that emergency situation, Emergency Response Unit (ERU) was established in May 2009 to support the newly established PDMA Khyber Pakhtunkhwa to handle the emergency situation.

Provincial Reconstruction, Rehabilitation and Settlement Authority (PaRRSA) was established in 2009 under the auspices of PDMA Khyber Pakhtunkhwa for revival of disaster affected infrastructure and rehabilitation activities in militancy hit areas of the province. It provided a one window facilitation for donor coordination and fast track approval mechanism for rehabilitation projects. PaRRSA has been merged into PDMA and transformed into Reconstruction and Rehabilitation Wing of PDMA.

The then FATA Disaster Management Authority was responsible for disaster management activities in erstwhile FATA, however, after the merger of FATA with the province of Khyber Pakhtunkhwa, the said authority has been merged in PDMA Khyber Pakhtunkhwa in May 2019, which is now transformed into Complex Emergency Wing of PDMA.

In its endeavour to further strengthened the Disaster Risk Management regime of the province, PDMA created the DRM Wing in 2019 mandated to devise pre and post disaster plans, SOPs and strategies to prevent and mitigate disaster risks within the province of Khyber Pakhtunkhwa.

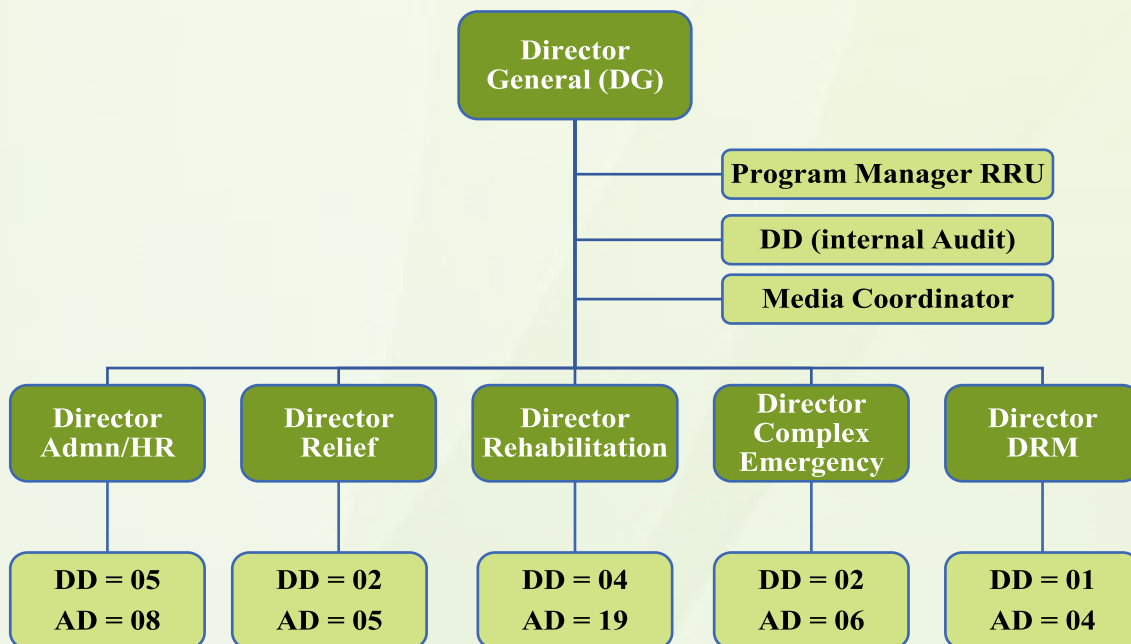
These subsequent administrative and institutional changes have not only expanded the geographic boundaries of PDMA Khyber Pakhtunkhwa but have also enhanced its scope of work. Now it's the only PDMA in the country that has specialized wings for managing different aspects of disaster cycles. Following are the wings of PDMA.

- i. Relief, Operation and Coordination
- ii. Administration and Finance
- iii. Disaster Risk Management and Climate Change Adaptation
- iv. Rehabilitation and Reconstruction
- v. Complex Emergency

Other cells:

- vi. Camp Management Unit
- vii. Gender and Child Cell
- viii. Provincial Emergency Operation Center
- ix. Media Coordination Unit

Organogram of PDMA

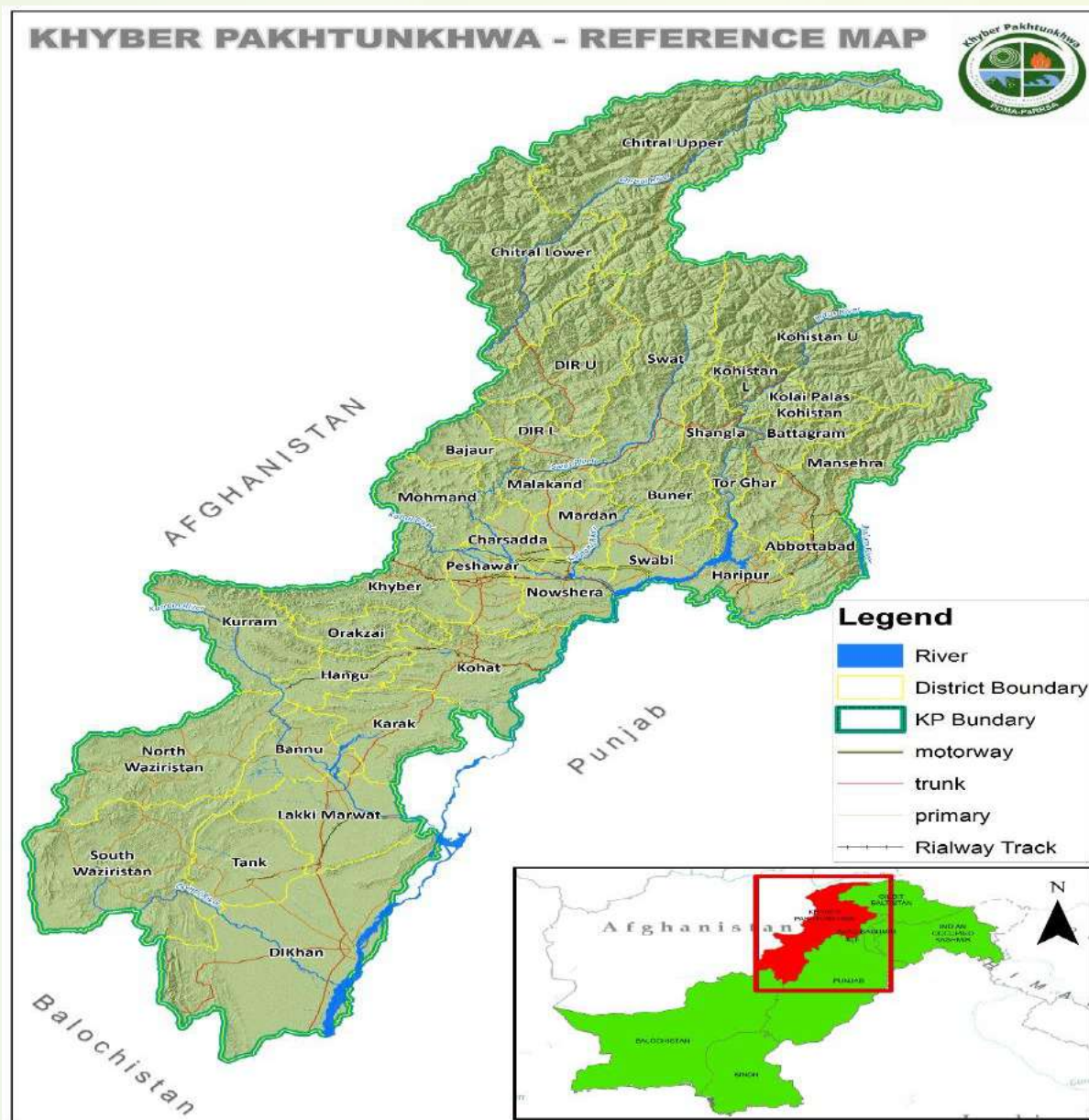


CHAPTER-1

INTRODUCTION (MONSOON IN KHYBER PAKHTUNKHWA)

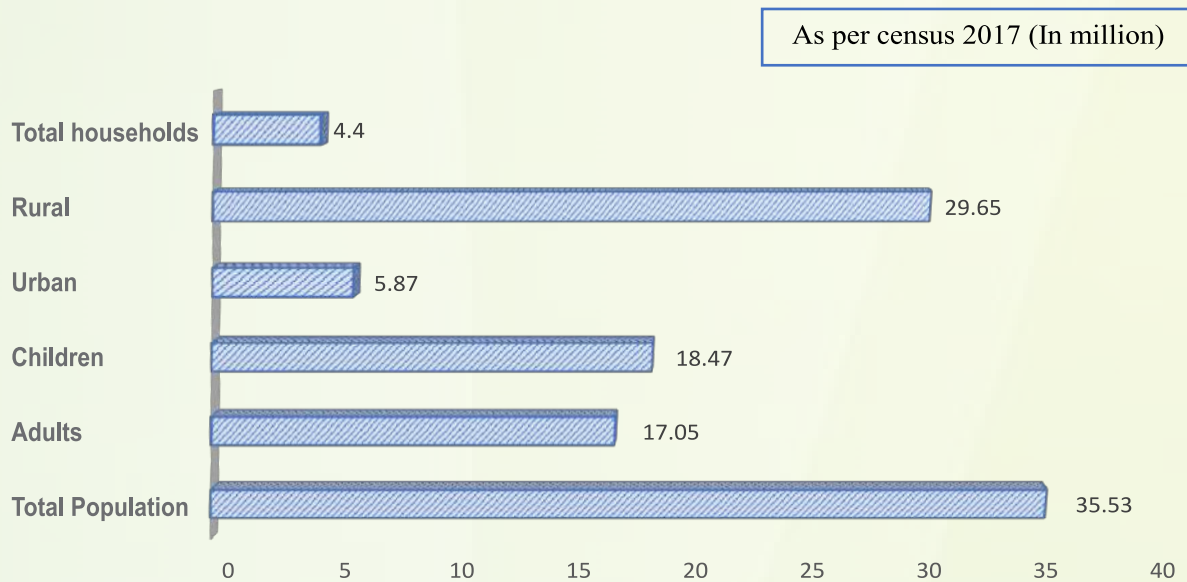
1.1 An Overview of Khyber Pakhtunkhwa

The Province of Khyber Pakhtunkhwa is prone to various climate induced disasters due to its unique topography. The environmental and climatic changes make the province of Khyber Pakhtunkhwa prone to the vulnerabilities of monsoon and winter disturbance which caused the heavy snow fall in some parts of the province while prolonged rainfall in other part of the Province. Hence, it is imperative to have an integrated scientific approach and preparedness planning in order to minimize the adverse effects of the natural calamities. Provincial Disaster Management Authority, Khyber Pakhtunkhwa is utilizing available resources to prioritize and channelize those with proper techniques in consultation with all the stakeholders for mitigating disaster risks and enhancing preparedness level.



1.2 Demography of Khyber Pakhtunkhwa

The province of Khyber Pakhtunkhwa has a population of 35.53 million as per census 2017 of Pakistan including the newly merged districts which constitutes a total of 4.4 Million House Holds. Urban to rural distribution of the population shows a ratio of 29.65 Million Rural and 5.87 Million Urban Population. The age groups distribution shows a total of 18.47 Million Children and 17.05 Adults. Furthermore, 1.5 million Afghan refugees also remained in the province.



1.3 Geography of Khyber Pakhtunkhwa

The province of Khyber Pakhtunkhwa is widely known for its surreal and gifted landscape and diverse terrain consisting of mountain ranges, sub mountain areas, placid plains surrounded by hills and arid zones in the south. The Hindu Kush region in the north long noted for its scenic beauty is divided by the Kunar River into two distinct ranges: the northern Hindu Kush and the Hindu Raj. Tirich Mir rises to 25,230 feet (7,690 meters) and is the highest peak of the northern Hindu Kush.

To the south of the Hindu Raj lie the rugged basins of the Panjkora, Swat, and Kandia rivers. The Lesser Himalayas and the Sub-Himalayas are situated in the eastern part of the province and form definite ranges broken by hilly country and small plains. The fertile Valley of Peshawar extends northwards along the Kabul River. Though it covers less than one-tenth of the province's area, this region contains about half of its total population. The city of Peshawar

lies in the western portion of the vale and guards the historic Khyber Pass. South of the Kabul River lies the east-west-trending Spin Ghar (SafidKud) Range. The Kurram, Tochi, and Gomal rivers drain the province's southern region, and the Indus River forms part of the province's eastern border.

1.4 Climate of Khyber Pakhtunkhwa

The climate of the province varies with elevation. With the mountain ranges experiencing cold winters and cool summers, temperatures tend to spark towards the southern end. Precipitation over the province is variable but average is roughly 16 inches (400 mm) annually, with much of this occurring during the period from January to April.

The climate of Khyber Pakhtunkhwa varies immensely and encompassing most of the many climate types found in Pakistan. The province stretching southwards from the Baroghil Pass in the Hindu Kush covers almost six degrees of latitude; it is mainly a mountainous region.

Dera Ismail Khan is one of the hottest places in South Asia, while in the mountains to the north the weather is mild in the summer and intensely cold in the winter. The air is generally very dry; consequently, the daily and annual range of temperature is quite large. Rainfall also varies widely. Although large parts of Khyber Pakhtunkhwa are typically dry, the province also contains the wettest parts of Pakistan in its eastern fringe especially in monsoon season from mid-June to mid-September.

1.5 Climate Change Impacts on Khyber Pakhtunkhwa

Khyber Pakhtunkhwa being a topographically diverse province of Pakistan is situated in the northwest region of Pakistan. It has extreme weather conditions due to its climatic variations. The northern areas of the province are cold in winters and mild during summers, while at the same time the temperature becomes warmer in the southern part of the province as well as in Peshawar valley during summers season. Heat waves are expected in the province due to the recent variations in the climate.

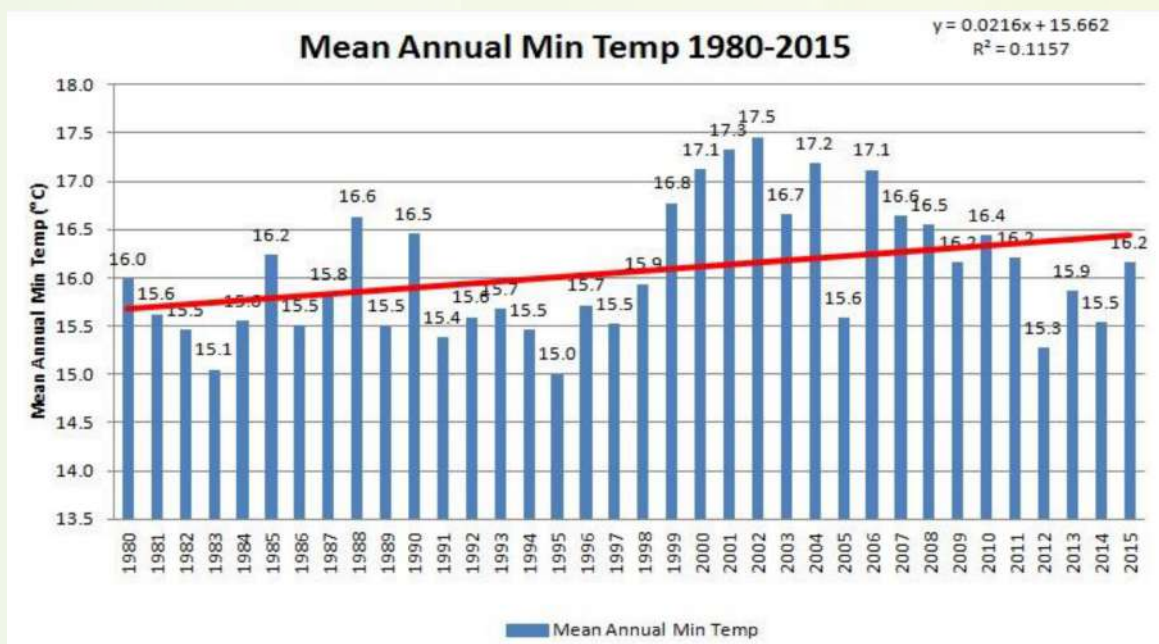
According to a report of Pak Met department, the slope of the mean annual temperature over Pakistan during the last 48-year period (1960-2007) was found as:

- i. 1901-2000 0.6 Celsius
- ii. 1960-2007 0.24 Celsius

(The rate of increase is higher than the global average slope of 0.17 Celsius)

The temperature of KP has also drastically changed due to climate changes and variations as it is evident from the annual rise in temperature observed in the region. While the rainfall has reduced gradually and most parts receive lesser rainfall in the monsoon season, however, the erratic rainfall pattern as a result of El-Nino is of prime concern. The probability of flash floods increases with the erratic weather behavior which poses serious challenges for the downstream densely populated communities and the infrastructure thereof.

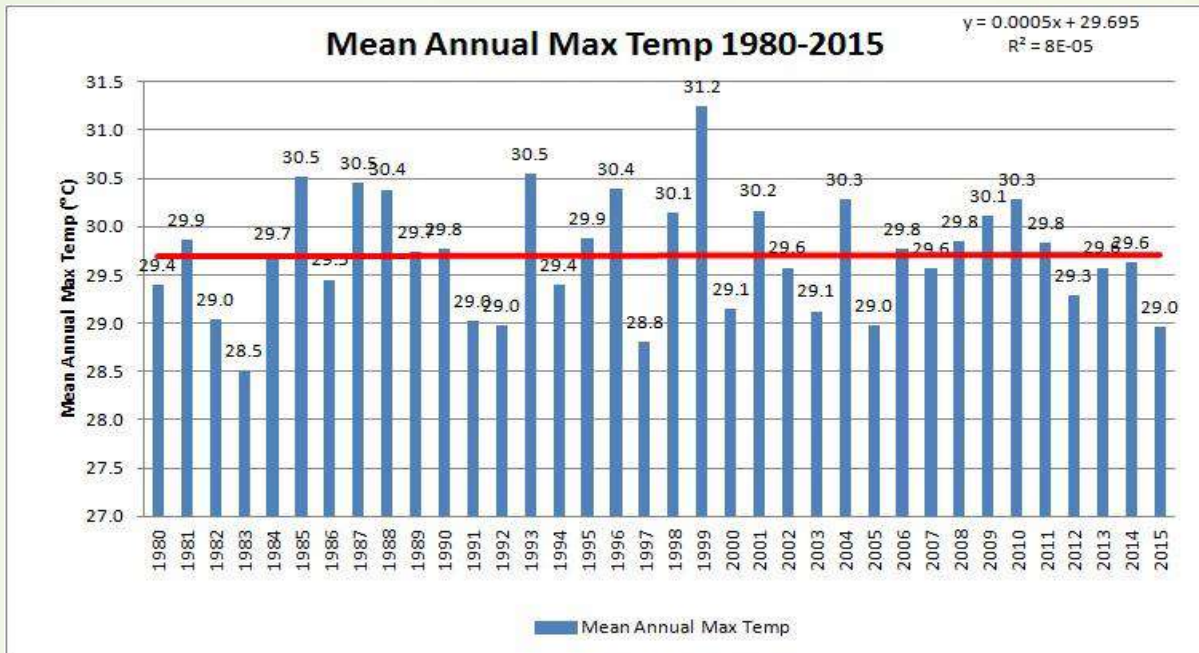
Another factor of concern is the rising temperature in the northern parts which has increased the chances of GLOF (Glacial Lake Outburst Flood) to happen. In the past few years severe to minor GLOF incidents have occurred in District Chitral which caused damages to human lives as well as infrastructure in that particular district. The Upper areas are cutoff during that particular periods, which also poses challenges for relief activities in the affected areas. Valleys which are near to glacial lakes in the Hazara and Malakand regions are more vulnerable to GLOF and can face similar kind of losses.



Source: Pakistan Metrological Department

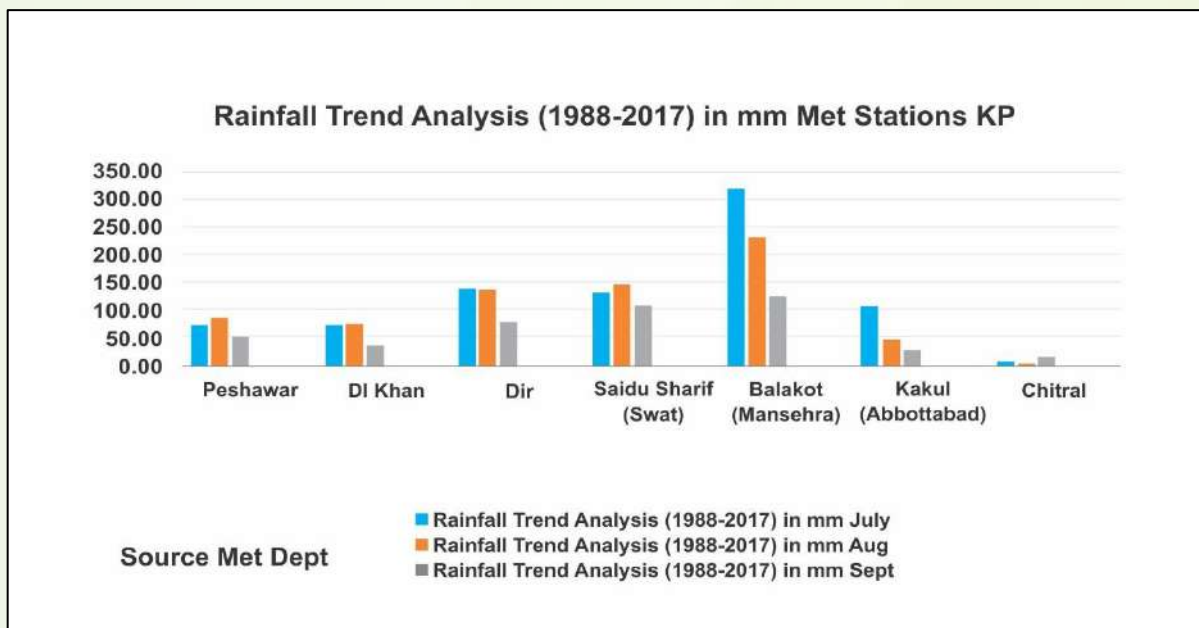
Similarly, increment in mean minimum and mean maximum temperatures have also been observed. Which results in melting of glaciers necessitating adaptation and mitigation measures including construction of small dams and reservoirs to store water, spill ways, and protection walls. The irregularity in the precipitation, seasonal shifts, weather pattern,

increasing trends in both mean minimum and maximum temperature are posing serious threats to global security in the form of climate change.



Source: Pakistan Metrological Department

Met Stations across the province have recorded the following rainfall pattern (month wise) during the monsoon season (15 June to 15 Sept).



Source: Pakistan Metrological Department

The graph reflects that Balakot (Mansehra), Kakol (Abbottabad) and Dir receive more rainfall comparatively than the rest of the province during the monsoon season. While Chitral receives very low rainfall during the same period. However a recent trend of pre-monsoon rainfall has been observed with erratic behavior which generates urban flooding in cities and flash floods in the hilly areas.

1.6 Monsoon in Khyber Pakhtunkhwa

The province of Khyber Pakhtunkhwa has faced a number of disasters i.e. geological, hydro metrological, man made and complex emergencies including earthquake, excessive rainfall, snowfall, flash floods, riverine floods, urban floods, landslides, avalanches, GLOF events, cloud bursting, terrorism resulting TDPs crisis and ongoing global pandemic of COVID-19.

Due to climate change effects of global warming, unique topography of the province and changing weather pattern, every year the province of Khyber Pakhtunkhwa faces a number of different hazards during monsoon season, the melting of snow in northern mountains coupled with heavy precipitation, cloud bursting, urban flooding, riverine flooding, landslides and Glacial lake outburst phenomena, result into various level of damages including loss of precious lives, damages of public and private property, infrastructure and economic fallout.

The monsoon phenomena is getting worse and the province of Khyber Pakhtunkhwa experienced the severe monsoon incidents due to climate change. Some of the major monsoon incidents occurred during the last decade in Khyber Pakhtunkhwa are following:-

- i. Mega Floods of 2010
- ii. Floods of 2015
- iii. GLOF events 2014-15 and onward
- iv. Cloud Bursting and Medium Flooding Monsoon 2020
- v. Glacial Lake Outburst at Golain, Chitral Monsoon 2020
- vi. Heavy rains/Thunder storms Shangla Swat Monsoon 2020
- vii. Yearly Recurrent severe rains damages in various districts
- viii. Landslides in Northern districts

Keeping in view the challenges of Monsoon in the Province, the Government of Khyber Pakhtunkhwa is utilizing available resources to mitigate disaster risks and to enhance preparedness capacities to minimize losses to lives and property. There is no friction of doubt

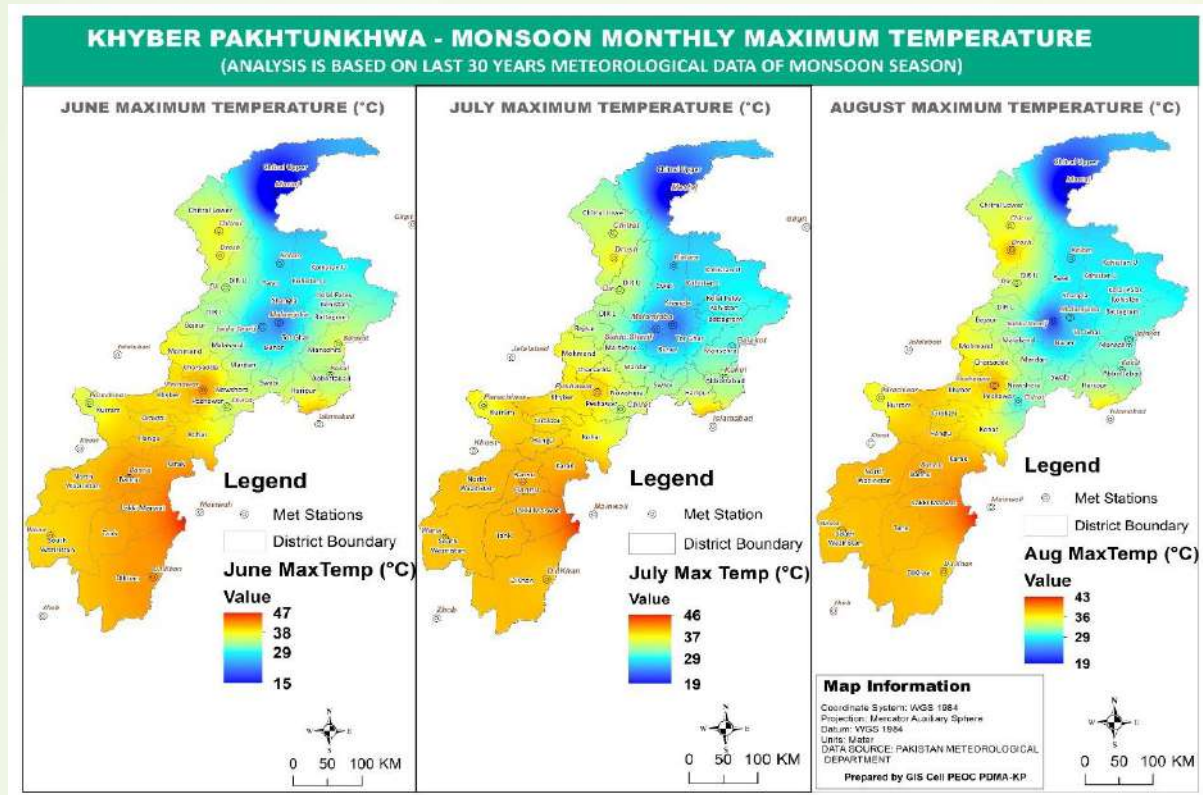
involved in the intentions of the Provincial Government that it is serious in investing in the flood management system but due to lack of sufficient water storage facilities, lack of effective regulations as well as due to poor early warning systems in the province, a pulsating and effective flood risk management system cannot be developed. Presently, the available early warning and forecasting of floods is based on telemetry, which is installed by PDMA, WAPDA and Irrigation Department. The existing setup of Irrigation Department and PDMA can provide response time of 24-48 hours in river Swat, 5-7 hours in Kabul River and 36-48 hours in Indus River at DI Khan, which is quite insufficient time for evacuation of vulnerable communities of the areas which are on the affectee list.

Furthermore, considering the flash floods in the mountainous regions of the province, there is no early warning system to provide them with the basic facilities in a timely manner. The province has witnessed very little or no improvement in the water storage capacity due to little investment, which can boost the capacity that can otherwise reduce the province's vulnerability to floods. This limited storage capacity has further been undermined by massive silting, which is a common phenomenon that reduces mitigation capacities of these storage facilities. The two notable reservoirs in Khyber Pakhtunkhwa are Warsak Dam and Tarbela Dam. The former has lost its storage capacity long ago due to silting and many other related issues, while the present storage capacity of the later has gone down to 6.77 MAF from its original capacity of 9.68 MAF in the past. There are three major head works including Munda, Amandara and Kurram Garhi in Khyber Pakhtunkhwa which regulate water discharge to different tributaries of major river systems and canals in the province.

Heavy snow at the northern mountains of the province causes rise in the water levels in River Swat and River Kabul, when it melts with rising temperatures during summer. During the same period the monsoon patterns also develops in the region. Heavy precipitation of monsoon results in disproportionate water flow in the rivers resulting in floods. Flash flooding in numerous hill torrents across the province is also a common phenomenon. The simultaneous occurrence of riverine and flash floods, melting of snow, heavy precipitation and the occasional cloud burst make the situation worse.

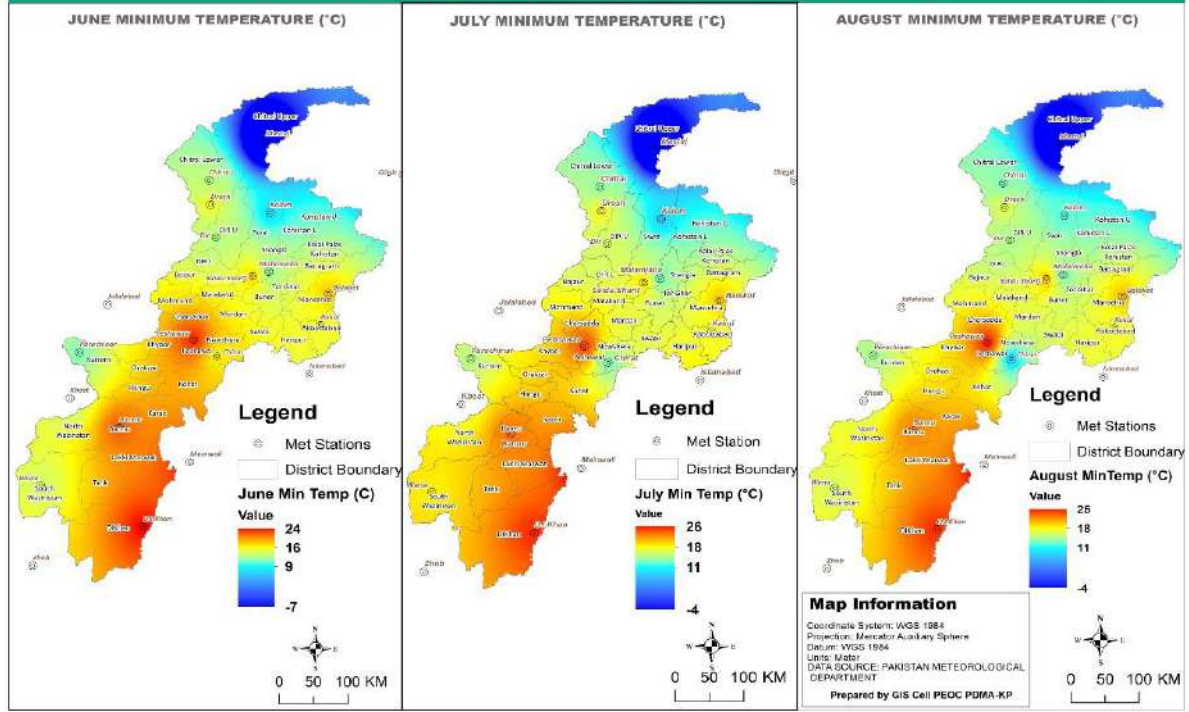
Newly merged areas bring their own set of issues, starting with lack of early warning setups, no standard District Disaster Management Units, extreme topography, flash floods in nullahs as well as, arguably, less than required infrastructure. As the province is faced with all these critical possible scenarios, it is of much importance to adopt an integrated approach for

Monsoon contingency planning, which the PDMA, Khyber Pakhtunkhwa considers a top priority.



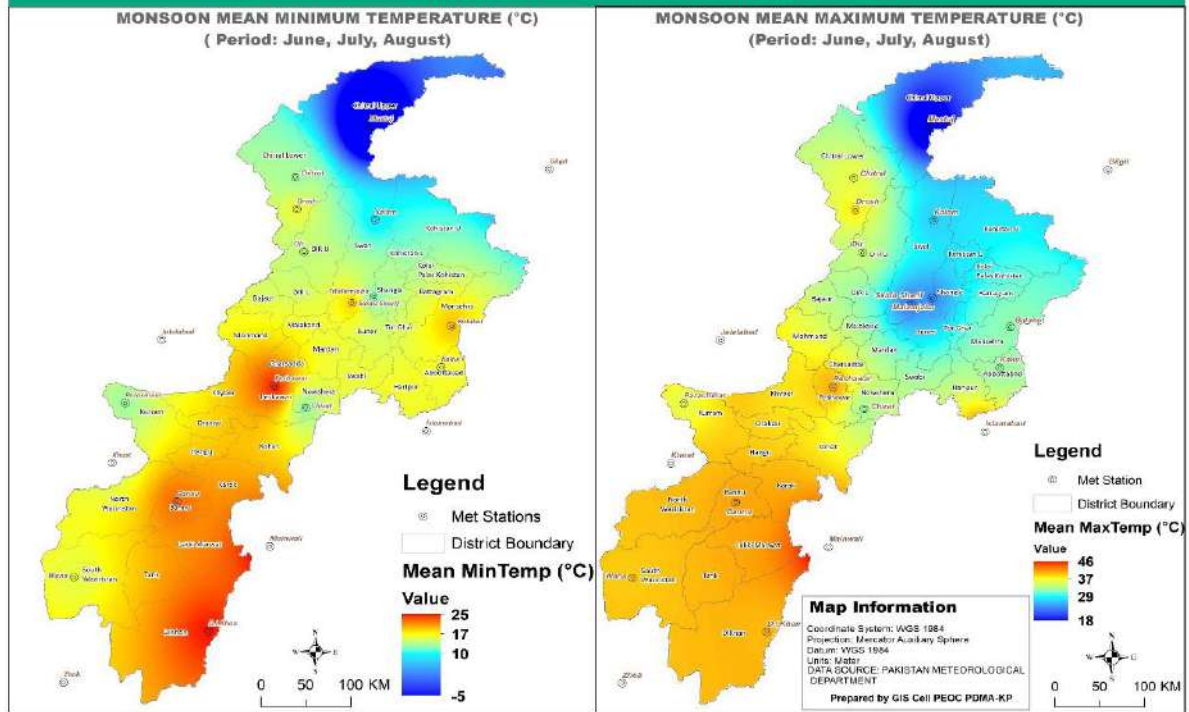
KHYBER PAKHTUNKHWA - MONSOON MONTHLY MINIMUM TEMPERATURE

(ANALYSIS IS BASED ON LAST 30 YEARS METEOROLOGICAL DATA OF MONSOON SEASON)



KHYBER PAKHTUNKHWA - MONSOON PERIOD MEAN TEMPERATURE

(ANALYSIS IS BASED ON LAST 30 YEARS METEOROLOGICAL DATA OF MONSOON SEASON)



1.7 Monsoon Hazards

1.7.1 Riverine Flood:

Riverine flood occurs when excessive rainfall over an extended period of time causes a river to exceed its capacity.

1.7.2 Flash Flood:

A flash flood is a rapid flooding of low-lying areas: washes, rivers, dry lakes and depressions. It may be caused by heavy rain associated with a severe thunderstorm, hurricane, tropical storm, or melt water from ice or snow flowing over ice sheets or snowfields or a sudden and destructive rush of water down a narrow gully or over a sloping surface, caused by heavy rainfall.

1.7.3 Landslide:

A landslide is defined as the movement of a mass of rock, debris, or earth down a slope. Landslides are a type of "mass wasting," which denotes any down-slope movement of soil and rock under the direct influence of gravity. Almost every landslide has multiple causes.

1.7.4 Windstorm:

A wind that is strong enough to cause at least light damage to trees and buildings and may or may not be accompanied by precipitation. Wind speeds during a windstorm typically exceed 55 km (34 miles) per hour.

1.7.5 GLOF:

Glacial lake outburst floods (GLOFs) are amongst the most common climate-change-induced hazards in northern Pakistan. The glacial lake extent has increased from 0.045 to 0.154 km² in the last two decades. A glacial lake outburst flood is a release of melt water from moraine.

1.7.6 Urban Flood:

Urban flooding is the inundation of land or property in a built environment, particularly in more densely populated areas, caused by rainfall overwhelming the capacity of drainage systems, such as storm sewers.

1.7.7 Avalanche:

An avalanche is a rapid flow of snow down a slope, such as a hill or mountain. Avalanches can be set off spontaneously, by such factors as increased precipitation or snowpack weakening, or by external means such as humans, animals, and earthquakes.

1.7.8 Cloud Burst:

A cloudburst is an extreme amount of precipitation in a short period of time, sometimes accompanied by hail and thunder, which is capable of creating flood conditions.

1.7.9 Monsoon Hazards Vulnerability Matrix of Khyber Pakhtunkhwa

S. #	District	Flood Hazard Intensity	Riverine Flood	Flash Flood	Urban Flood	Land Slide	Avalanche	GLOFs
1	Charsadda	V. High	Yes	No	No	No	No	No
2	D. I Khan	V. High	Yes	Yes	Yes	No	No	No
3	Shangla	V. High	Yes	Yes	No	Yes	Yes	Yes
4	Dir Upper	V.High	Yes	Yes	No	Yes	Yes	Yes
5	Nowshera	V. High	Yes	Yes	Yes	No	No	No
6	Swat	V. High	Yes	Yes	Yes	Yes	Yes	Yes
7	Chitral (U)	V. High	Yes	Yes	No	Yes	Yes	Yes
8	Chitral (L)	V. High	Yes	Yes	No	Yes	Yes	Yes
9	Peshawar	High	Yes	No	Yes	No	No	No
10	Bajaur	High	Yes	Yes	No	Yes	No	No
11	Kohistan U	High	Yes	Yes	No	Yes	Yes	Yes
12	Orakzai	High	No	No	No	Yes	No	No
13	Kohistan L	High	Yes	Yes	No	Yes	Yes	Yes
14	Kurram	High	Yes	Yes	No	Yes	No	No
15	Mohmand	High	Yes	Yes	No	Yes	No	No
16	Kohistan (Pattan)	High	Yes	Yes	No	Yes	Yes	Yes
17	Tank	High	Yes	Yes	No	No	No	No
18	Buner	Medium	No	Yes	No	Yes	Yes	No
19	Dir Lower	Medium	Yes	Yes	No	Yes	No	No
20	Malakand	Medium	Yes	Yes	No	Yes	No	No
21	Mansehra	Medium	Yes	Yes	No	Yes	No	No
22	Torghar	Medium	Yes	Yes	No	Yes	Yes	No
23	Mardan	Medium	Yes	No	Yes	No	No	No
24	Swabi	Medium	Yes	Yes	No	Yes	No	No
25	North Waziristan	Medium	No	No	No	Yes	No	No
26	Khyber	Medium	Yes	Yes	Yes	Yes	No	No
27	Abbottabad	Low	No	Yes	No	Yes	No	No
28	Bannu	Low	Yes	No	No	No	No	No
29	Battagram	Low	No	Yes	No	Yes	No	Yes
30	Hangu	Low	No	Yes	No	No	No	No
31	Haripur	Low	No	No	No	Yes	No	No
32	Karak	Low	No	Yes	No	No	No	No
33	Kohat	Low	No	No	No	Yes	No	No
34	Lakki Marwat	Low	Yes	No	No	No	No	No
35	South Waziristan	Low	Yes	Yes	No	No	No	No

1.8 Rainfall Trends in Khyber Pakhtunkhwa based on Climate Scenarios

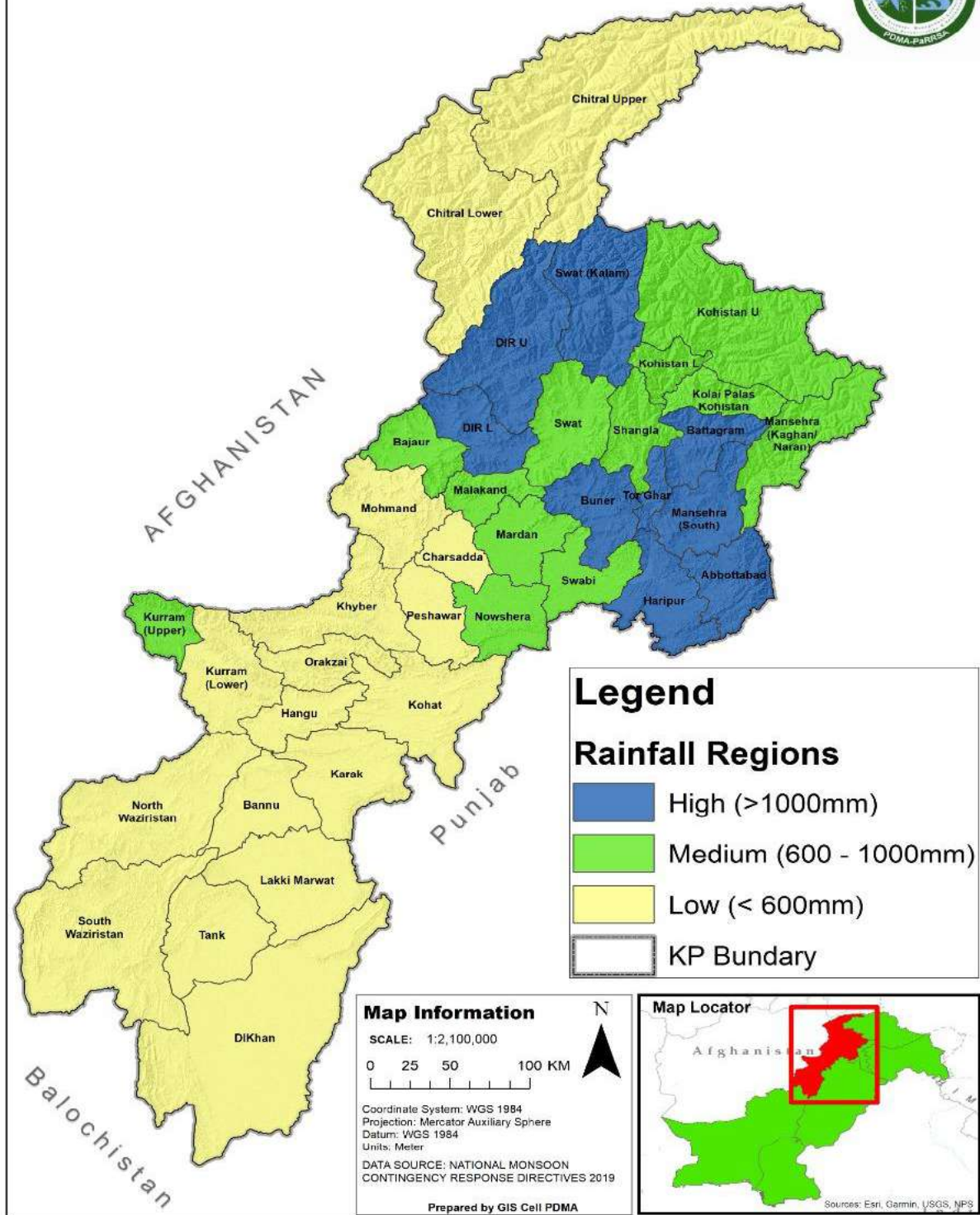
As per the analysis the province has been categorized in to three rainfall categories based on annual average rainfall received, as Low (less than 600mm), Medium (less than 1000mm) and High (above 1000mm). The classification is shown in the following table:

Rainfall Classification in Khyber Pakhtunkhwa by quantity (mm)		
Low-Rainfall Region	Medium-Rainfall Region	High-Rainfall Region
<600mm	600-1000mm	>1000mm
Peshawar, Charsadda, Khyber, Kohat, Hangu, Kurram (lower), Karak Bannu, Lakki Marwat, DI Khan, Tank, Chitral, Mohmand, Orakzai, North and South Waziristan	Swat, Malakand, Kurram (upper), Nowshera, Mardan, Swabi, Bajaur, Kohistan, Mansehra (Kaghan/Naran), Shangla.	Swat (Kalam), Buner, Dir (Lower and Upper), Haripur, Torghar, Abbottabad and Mansehra (South), Battagram.

Assessment results in 2014	2040 (Presumed Scenario)
49% districts fall in Low rainfall zone	46% districts will fall in Low rainfall zone
28% districts fall in Medium rainfall zone	26% districts will fall in Medium rainfall zone
23% districts fall in High rainfall zone	28% districts will fall in High rainfall zone

An overall rainfall situation at present is given in the Figure while the Table 2 provides likely scenario of rainfall shifts till 2040 within and across the three rainfall regions:

KHYBER PAKHTUNKHWA - RAINFALL REGIONS

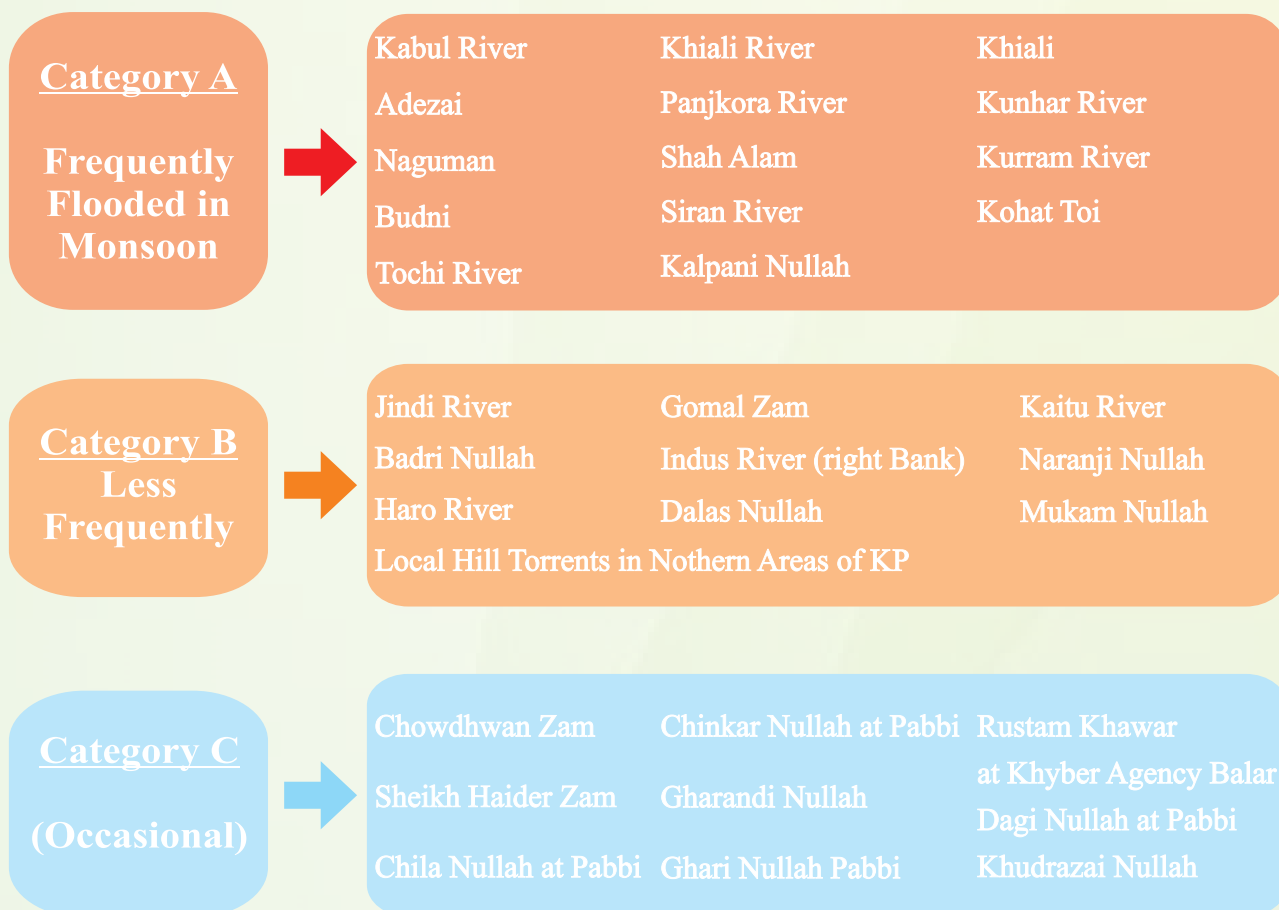


(Source: Provincial Status Report, Climate Change and Water Khyber Pakhtunkhwa, initiated by P&DD, funded by SDC)

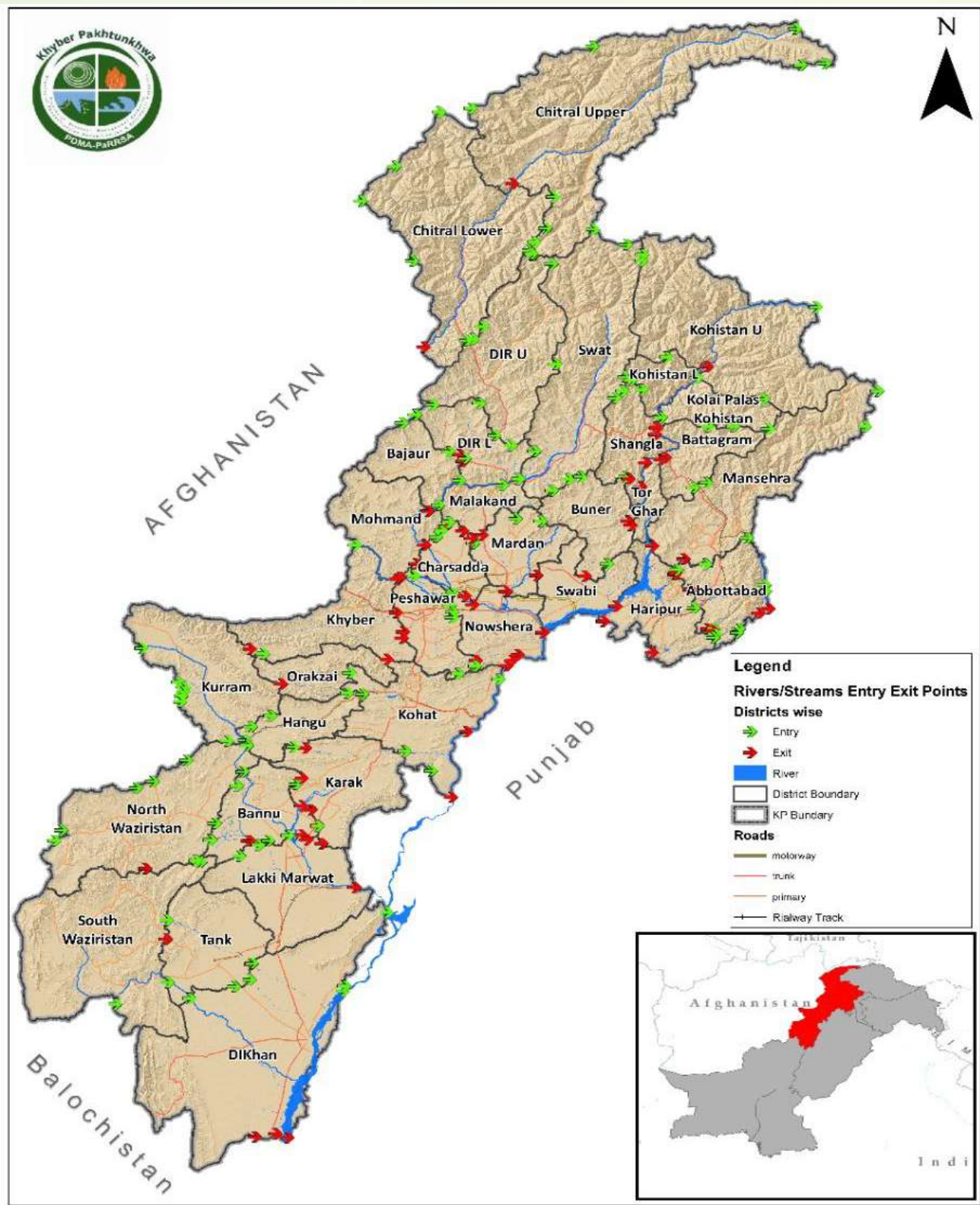
1.9 Hydrology of Khyber Pakhtunkhwa

1.9.1 Flood Categorization of the Major Rivers and Nullahs

Floods usually occur during monsoon season in different river systems of Khyber Pakhtunkhwa. Due to the geography and terrain of the area, all rivers in the province are fed by hill torrents, nullahs and streams in catchment areas of mountainous regions. In order to determine flood levels, historical pattern of monsoon floods in the province has been reviewed and rivers have been categorized in three broad categories. Category A for instance reflects those rivers which receive floods of different magnitude frequently (every year), while category B are those rivers/streams, which receive less frequent floods, while the third category is of rivers/nullahs that experience occasional flooding situation as a result of heavy concentrated rainfall in their catchment areas.



KP-RIVER / STREAMS ENTRY EXIT POINTS



1.9.2 Hydro Informatics of Khyber Pakhtunkhwa

The table shows the hydro informatics of the major rivers, khwarhs and nullah of Khyber Pakhtunkhwa with low, medium, high, very high and historical discharge in cubic.

S/N	Name of River, Khawars and Nullah	Flow Status					
		Low	Med	High	V.High	Historical	
						Flow	Date
1	Kabul River at Warsak	30000	50000	100000	200000	157000	Jul-1978
2	Kabul River at Nowshera	45000	80000	140000	200000	450000	7/30/2010
3	Indus River at Turbela (Inflow)	250000	375000	500000	650000	650000	7/30/2010
4	Indus River at Turbela	250000	375000	500000	650000	650000	7/30/2010
5	Indus River at Attock Khair Abad	225000	375000	500000	650000	994600	7/31/2010
6	Panjhora River (Dir)	10000	20000	35000	50000	130936	7/29/2010
7	Swat River at Khwaza Khela	15000	25000	50000	70000	175546	7/29/2010
8	Swat River at	20000	40000	60000	100000	360000	7/30/2010
9	Swat River at Munda H/W	35000	50000	75000	150000	355000	7/29/2010
10	Khiali River Charsada Road	20000	40000	60000	100000	360000	7/30/2010
11	Shahalam River at Takht Abad	3000	6000	10000	15000	20000	7/30/2010
12	Adezai River at Adezai Bridge	30000	45000	65000	75000	80000	7/31/2010
13	Naguman River Charsada Road	5726	15500	24000	39500	75575	6/30/2005
14	Budni Nullah at Pajagi Road	3500	8000	12000	20000	123000	8/4/2008
15	Jindi River at Charsada	5000	8000	15000	20000	23900	7/29/2010
16	Kalpani Nullah at Mardan City	9000	20000	31710	48285	80315	8/5/2006
17	Kalpani Nullah at Chowki Risalpur	10000	20000	30300	50500	75200	7/29/2010
18	Siran River at Daryal	5000	15000	30000	45000	55181	8/1992
19	Haro River at Jabori	5000	8000	25000	40000	82876	8/1992
20	Kunhar River at Balakot	10000	20000	40000	55000	92000	8/1992

21	Gambila River at Gambila Lakki	5000	15000	25000	40000	64024	7/4/2003
22	Bara River at Chamkani	8000	17000	25000	35000	48000	8/12/1970
23	Kurram River at K. Garhi H/W	15000	30000	60000	100000	200000	7/28/2010
24	Chilla Nullah at Pabbi	2000	7000	19000	25000	28620	8/12/1970
25	Chinkar Nullah at Pabbi	2000	5000	10000	15000	18400	8/9/1984
26	Hakim Garhi Nullah at Pabbi	1600	2600	5500	8900	10650	7/8/1983
27	Dallus Nullah at Warsak Road	3000	7000	10000	18000	19220	7/29/2010
28	Shahi Bala Khwar	2000	3000	6000	10000	19000	7/30/2010
29	Garandi Nullah at Urmar	500	1000	3000	6000	7000	7/31/2010
30	Naranji Nullah at Swabi	3000	8000	15000	25000	45000	7/29/1997
31	Badri Nullah at Swabi	5000	15000	40000	45000	60000	7/29/1997
32	Dour River at Rajoya	5000	15000	25000	45000	75970	8/92
33	Muqam Nullah at Shahbaz Garhi	2000	5000	10000	20000	38155	12/11/1986
34	Rustam Khwar	700	2000	6000	9800	17934	8/11/1988
35	Takhta Baig Khwar at Khyber Agency	3000	9000	26500	80500	123000	8/4/2008
36	Balar Khwar at Mardan	2000	6000	13000	20000	42000	7/29/2010
37	Kohat Toi	2000	9000	12000	17000	50000	7/28/2010
38	Jindi Khwar at Utmanzai	6000	9000	16000	21000	25000	7/29/2010
39	Dagi Nullah at Pabbi	500	1000	2000	4000	5000	7/30/2010
40	Khudrizai Nullah at Pabbi	200	500	1000	2000	2500	7/30/2010

1.9.3 Flood Profile of Khyber Pakhtunkhwa

Indus and Kabul are the two major river systems in Khyber Pakhtunkhwa. The Indus River forms the boundary with Punjab and passes from Attock to Dera Ismail Khan in the south, while River Kabul flows down from Afghanistan to join the Indus River. Rainfall in Khyber Pakhtunkhwa generally occurs in two distinct crop-growing seasons: Rabbi (winters, December – March) and Kharif (summers, June– September). Normally the monsoon arrives in the first or second week of June, but due to the changed weather patterns, the cycle of monsoon can vary. During monsoon the riverine floods occur in river Kabul, Swat and Indus that affect the central and western populated districts, while flash floods also occur astride these rivers resulting in colossal losses sometimes.

Floods in Khyber Pakhtunkhwa are generally caused by heavy concentrated rainfall in the catchments of Rivers Indus, Swat and Kabul during the monsoon season, which is augmented by snowmelt. Major floods occur in late summer (July to September) when the South Asian region is subjected to heavy monsoonal rains. Major floods in the province have occurred in 1976, 1982, 1988, 1992, 2005, 2006, 2007 and 2010.

The Province of Khyber Pakhtunkhwa is a small province of Pakistan in terms of geographic area which constitutes 12.7 % of the country's total area and is spread over 101,741 square kilometers (after merger of Tribal Districts). It laps both banks of the river Indus and stretches from the Himalayas in the north to the deserts of DI Khan in the south. In 2010 flood 6.5% of the total area of the province was inundated, which affected household and infrastructures in 12 districts worstly. Similarly out of the 30.53 million population 6.1 million population was affected badly.

Area: 101,741 Square Km

Vulnerable area (6.5 %)

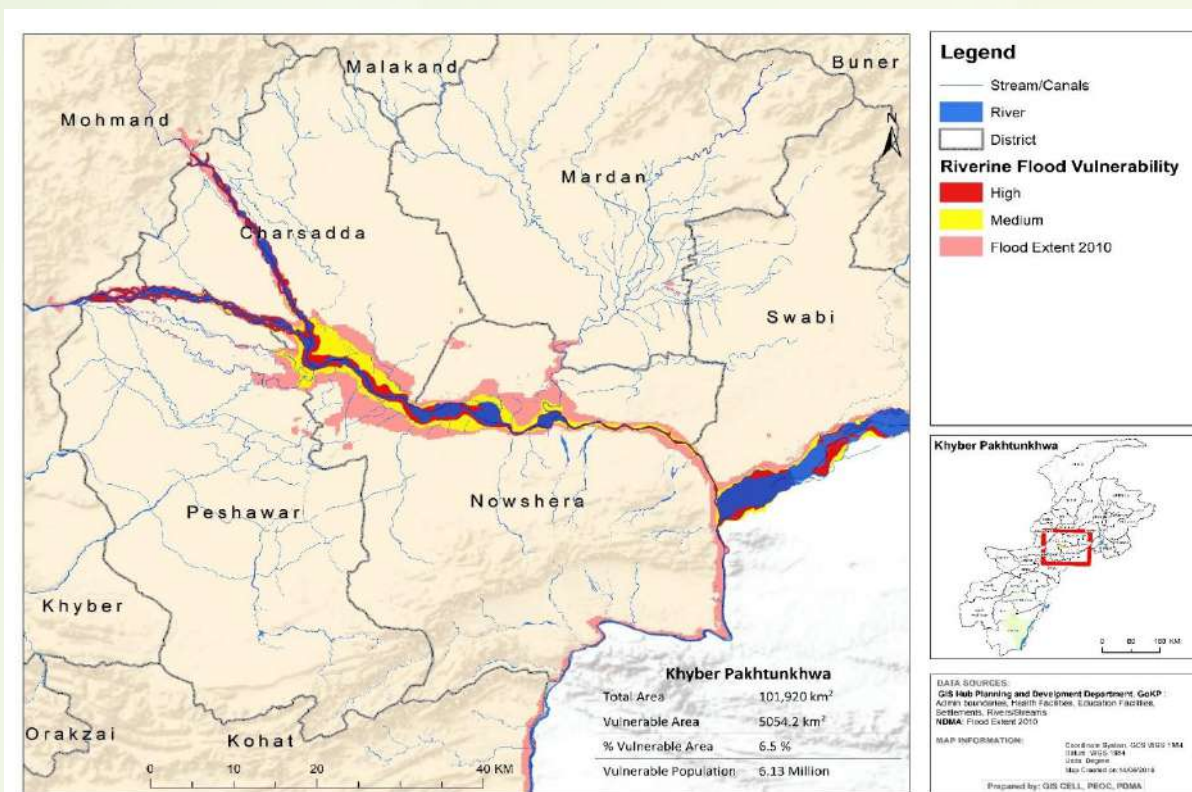
Population: 35.53 Million (After merger)

Vulnerable Population (6.1 Million)

Number of Districts: 35

Vulnerable districts (12 Districts)

(Assessment based on 2010 Flood)



Flash floods, with all its catastrophic nature, have continuously been affecting the province for the last few years during Monsoon season. Its likelihood of occurrence has increased in the recent years due to changing weather patterns, with all the stressing humanitarian costs, due to absence of early warning system and sudden onset of such occurrences in the province. Moreover, most regions which are vulnerable to flash flooding, lie outside the coverage of the early warning system being deployed for riverine floods. Flash floods are experienced usually in Swat, Upper and Lower Dir, Chitral, Shangla, Kohistan, Peshawar, Mansehra, Battagram, Mardan, Kohat and D.I Khan.

1.9.4 Time Lag of Major Rivers in Khyber Pakhtunkhwa

S #	Location	Distance (Km)	Time Lag
1	Swat/Khiali River		
i.	Khawaza Khela to Amandara	65	12 Hours
ii.	Amandara to Munda	55	09 Hours
iii.	Munda to Charsadda Road	40	6.5 Hours
2.	Kabul River		
i.	Warsak to Charsadda Road Peshawar	25	04 Hours
ii.	Charssadda Road to Nowshera	35	06 Hours

iii.	Nowshera to Indus River	30	05 Hours
3.	Indus River		
i.	Jinnah Barrage to Chashma Barrage	56	4.5 Hours
ii.	Chashma to D.I Khan	100	12.5 Hours
iii.	D.I Khan City to Razmak	70	09 Hours

(Source: Irrigation Department KP)

1.9.5 Flood 2010 - A Historical Comparison

Rain Fall Overview		
Area	Annual Average Rain	Rain from 28 July 2010 to 3 rd August 2010 (7 Days) (in mm)
Peshawar	500 mm	333 mm
Khyber Pakhtunkhwa	962 mm	3462 mm

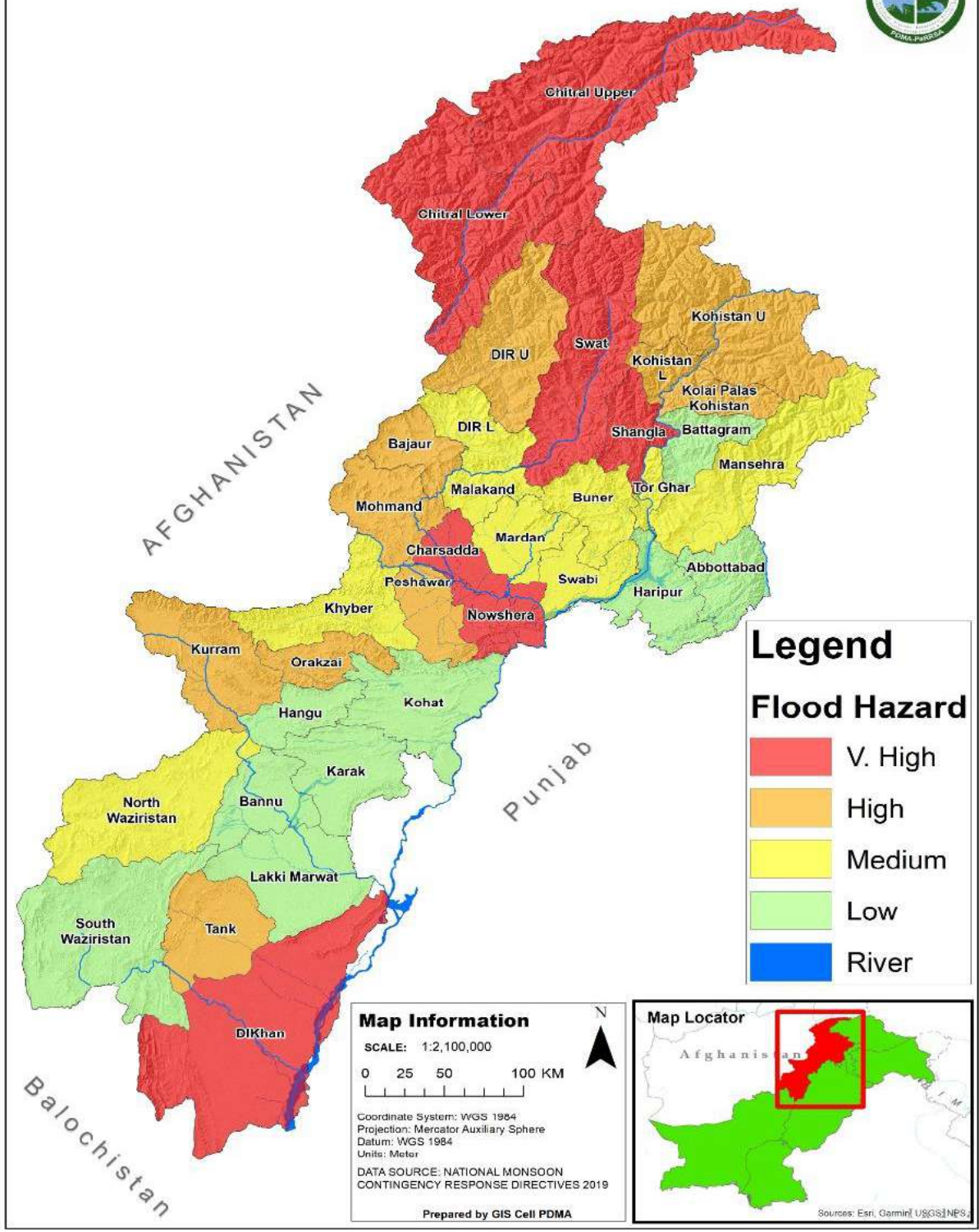
Rivers	Max Flow Recorded Before 2010	2010 Floods Levels
Swat @ Amandara	160,000 cusecs (1929)	260,000 cusecs
Swat @ Munda	170,000 cusecs (1929)	302,517 cusecs
Kabul River @ Nowshera	169,000 cusecs (2005)	450,000 cusecs
Indus @ Khairabad	900,000 cusecs (1929)	1,100,000 cusecs

Source: WAPDA Department

1.10 Urban Floods in Khyber Pakhtunkhwa

As urban development is taking place in metropolitans, major cities and previously rural settings, substantial changes in flood characteristics observed in the cities and in towns of Khyber Pakhtunkhwa in the recent past years. The increased frequency of urban floods is the consequence of factors like expansion of the concrete surfaces, existing low capacity of drainage and sewerage lines and the choking of drains because of the garbage disposal etc. Urban flooding reported from the cities like Peshawar, Mardan, Dera Ismail Khan, Abbotabad, Mansehra, Kohat, Mingora, Nowshera and Charsadda etc.

KHYBER PAKHTUNKHWA - FLOOD HAZARD MAP



Legend

Flood Hazard

- V. High
- High
- Medium
- Low
- River

Map Information

SCALE: 1:2,100,000

0 25 50 100 KM

Coordinate System: WGS 1984
 Projection: Mercator Auxiliary Sphere
 Datum: WGS 1984
 Units: Meter

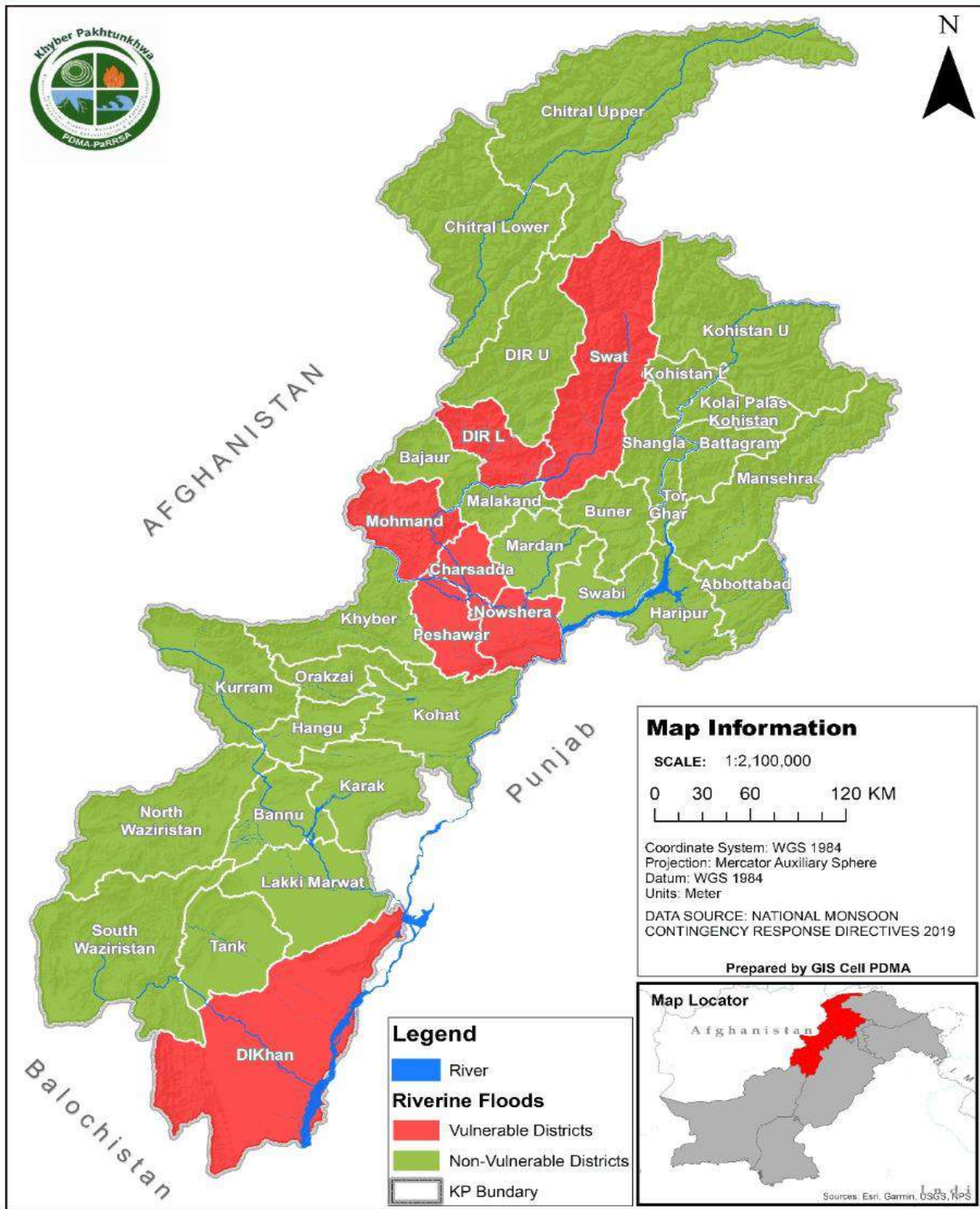
DATA SOURCE: NATIONAL MONSOON CONTINGENCY RESPONSE DIRECTIVES 2019

Prepared by GIS Cell PDMA

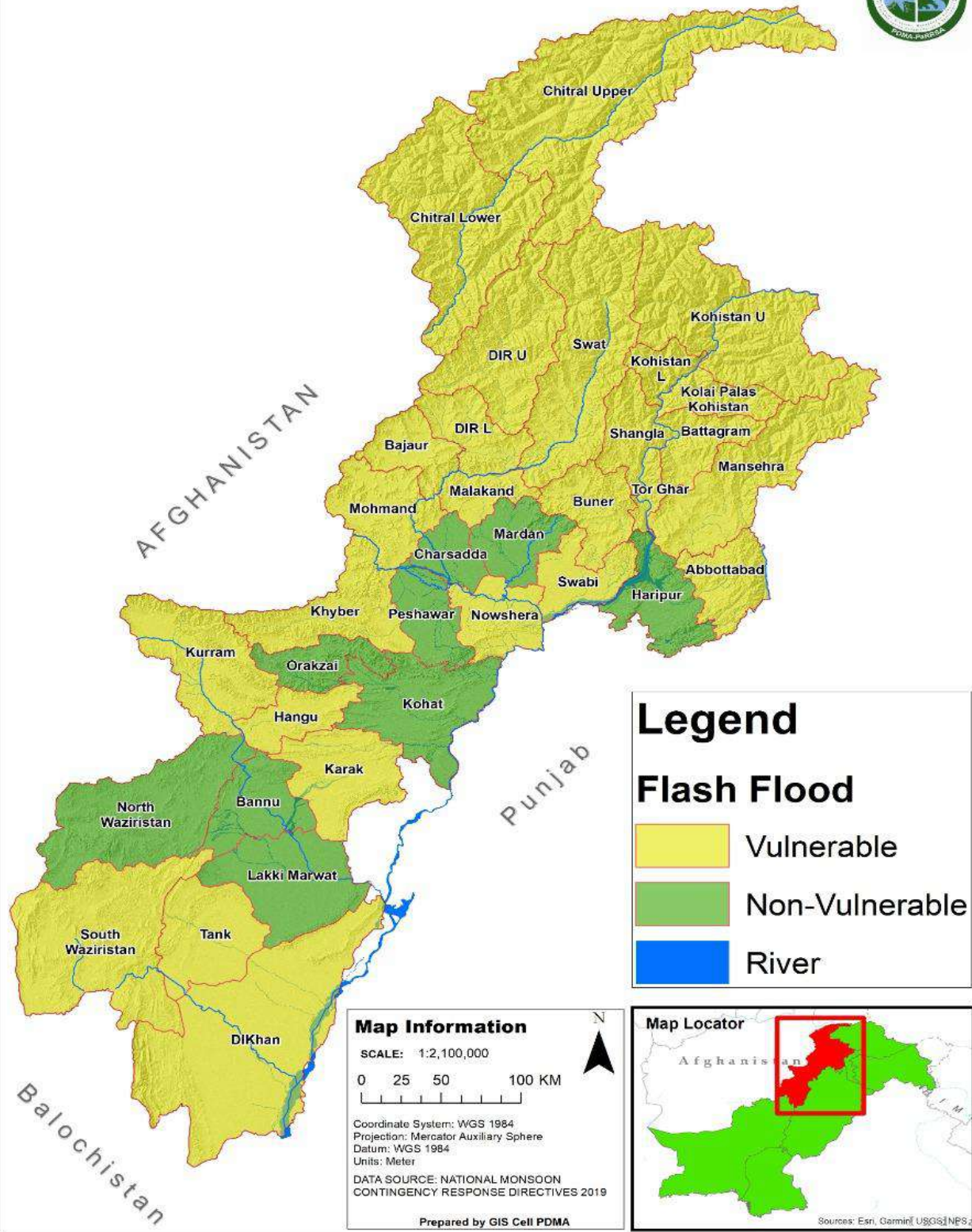
Map Locator

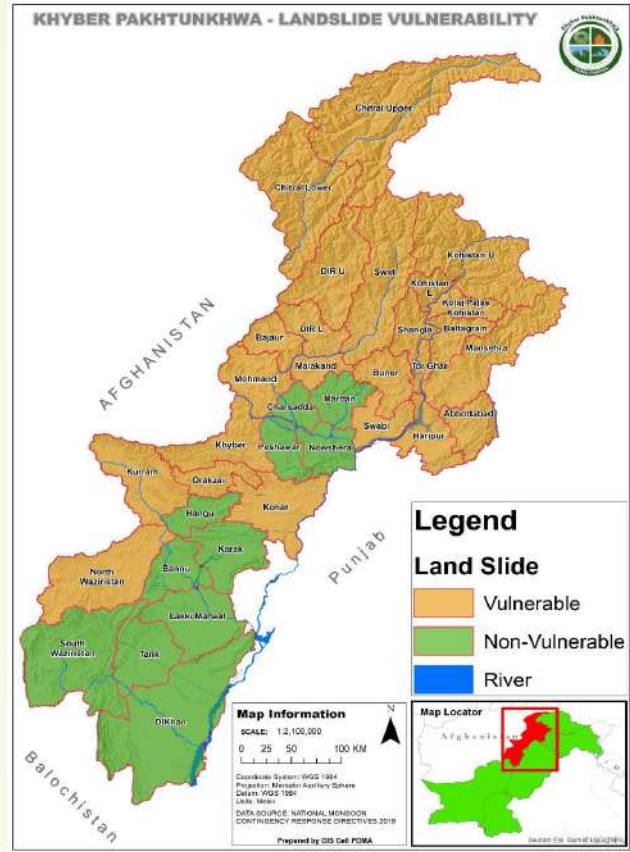
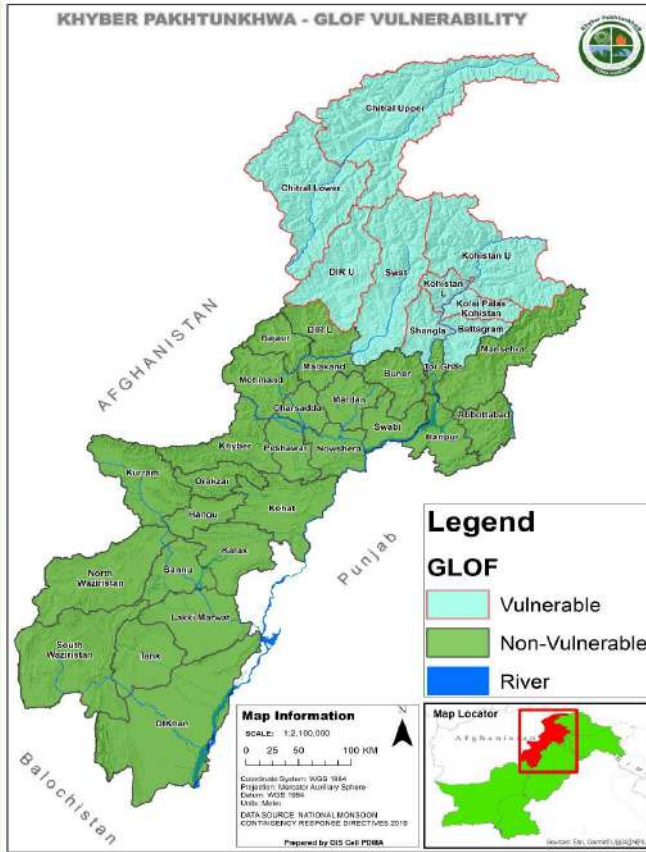
Sources: Esri, Garmin, USGS, NPS

KHYBER PAKHTUNKHWA - RIVERINE FLOOD VULNERABILITY MAP

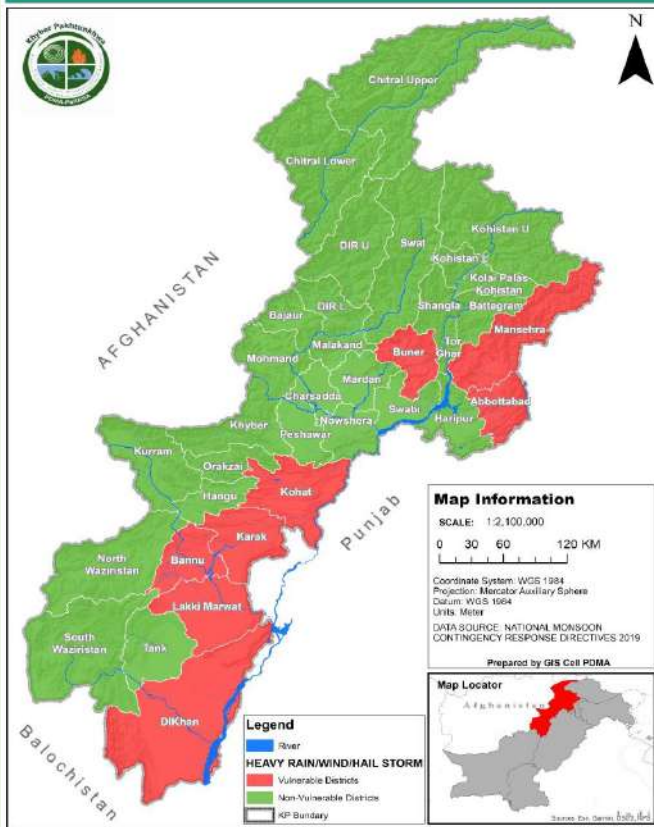


KHYBER PAKHTUNKHWA - FLASH FLOOD VULNERABILITY

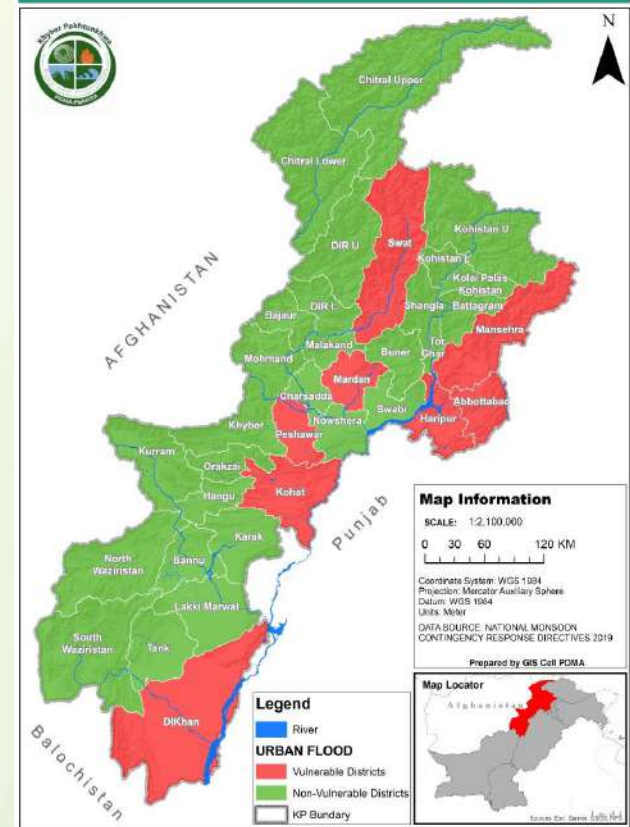




KPK - HEAVY RAIN FALL / HAIL STORM / WIND STORM VULNERABILITY MAP



KHYBER PAKHTUNKHWA - URBAN FLOOD VULNERABILITY MAP





CHAPTER-2

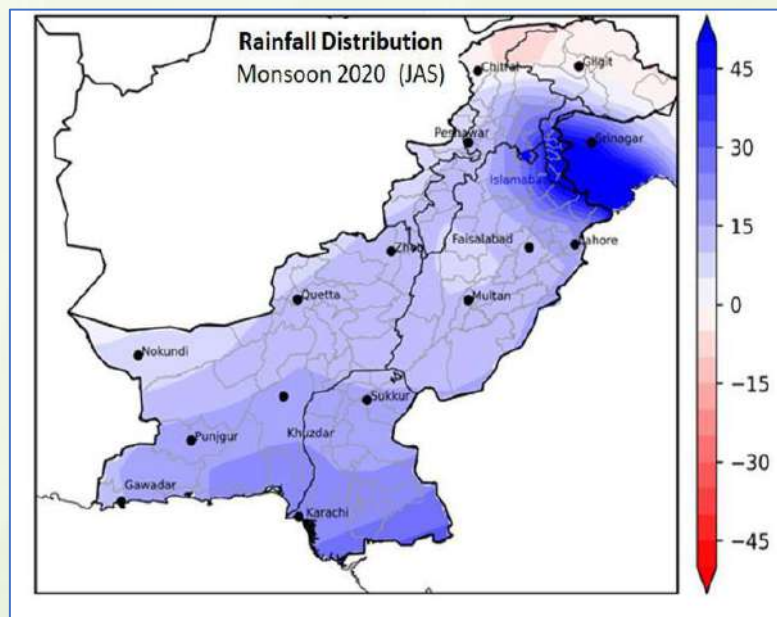
**REVIEW, LESSON LEARNT
AND CHALLENGES**

2.1 Background

Floods are recurrent phenomena especially during monsoon season in the entire region of South Asia. Owing to the peculiar geographic conditions, the province of Khyber Pakhtunkhwa is highly vulnerable to flash floods. There is a huge network of hill torrents, streams in the mountainous region, which fed rivers downstream in the planes of the province. Heavy concentrated rainfall in the hill sides result in unprecedented flow of water in the hill torrents, which due to lack of water storage facilities, encroachments and deforestation result in soil erosion, sedimentation of water ways and dams. Flash floods have a devastating effect, due to higher population growth and urban sprawl, the situation is exacerbated with narrowness of water ways, streams and hill torrents, it increases velocity of flowing water that results in colossal damages to life and property. This emerging challenge can be mitigated through construction of check dams in hilly areas, small water reservoirs, water channels, embankments, dykes, bioengineering slope stabilization techniques and afforestation measures throughout the province. An integrated planning is required to secure vulnerable areas by adapting mitigation measures through the high priority schemes in development planning at all levels in the province to secure population from impacts of floods. At present there is lack of aforementioned measures, which increases the vulnerability of the province to climate induced hazards.

2.2 Review of 2020 Monsoon Forecast

The official version of the forecast received by PDMA from Pakistan Meteorological Department on 04-06-2020 stated that the Global SST forecast shows that El Nino Southern Oscillations (ENSO) and Indian Ocean Dipole (IOD), which affect the South Asian summer monsoon rainfall, are likely to remain neutral during coming





monsoon season. Based on global and regional circulation models, the outlook for the season was as under:

“Monsoon rainfall is expected to be slightly above normal (+10%) during July to September 2020 in Pakistan. Sindh and Kashmir are likely to receive moderately above normal (+20%) rainfall during the season (JAS).” Area weighted normal rainfall of Pakistan during Jul - Sep is 140.8 mm.

1. Flood potential in eastern rivers of Pakistan.
2. High probability of urban flooding in metropolis cities.
3. High probability of flash flooding in hill torrents of Punjab.
4. Good impact on rice crop and negative impact on cotton crop.
5. Conducive environment for Locust breeding during monsoon season.
6. Sufficient water availability for irrigation and power sectors.

Review: Various hydrometeorological events like Cloud Bursts, GLOFs and Flash Floods reported during the period of July to September 2020. Uneven events reported mostly from Malakand Division and the affected districts were Upper Chitral, Lower Chitral, Upper Dir, Shangla and Lower Dir. Prolonged rainfall situation developed in River Swat catchments and River Panjkorha catchments. River gauge stations reading shows that the rivers flood level was crossed at Khwazakhela Bridge (Upper Swat), Chakdarra Bridge (Lower Dir) and Zulam Bridge (Lower Dir). The major event occurred in Shagram Valley, Swat which claimed many lives, caused injuries and damages to infrastructure and assets.

Besides, events were also reported from Hazara Division including districts of Torghar, Kohistan Upper, Kohistan Kolai, and Kohistan Lower. Building collapse events were also reported from the Kacha Area of Dera Ismail Khan.

2.3 Damages of Monsoon Seasons (Last 04 Years)

2.3.1 Casualties and House Damages

Damages Report 15 July - 15 September 2017-2020									
S.No	Year	Dead			Injured			House Damages	
		Male	Female	Child	Male	Female	Child	Fully	Partially
1	2020	37	24	62	123	53	29	187	746
2	2019	57	25	65	108	41	42	135	217
3	2018	22	13	22	18	15	31	40	350
4	2017	21	8	29	23	24	18	55	438
Total		137	70	178	272	133	120	417	1751

2.3.2 Compensation Paid in Monsoon (4-Years Record)

Incident reports and compensation data received from Deputy Commissioner's office along with current weather condition of the province are compiled through DMIS, PDMA.

Following is the detail of compensation paid during last 4 years:-

Compensation Paid in Monsoon (Last 4 Years) and Estimated Funds Requirement for Monsoon 2021 (Rs. In million)				
Year	Death Compensation	Injured Compensation	Houses Compensation Paid	Total
2020	67.9	7.8	45.94	121.64
2019	17.4	6.5	43.8	67.7
2018	44.1	19.1	19.53	82.73
2017	17.1	6.4	31.5	55
Total	146.5	39.8	140.77	327.07

Note: Based on the average compensation paid during last four years Monsoon Season, it is estimated that an amount of Rs. 81.76 million will be required as compensation for the Monsoon 2021.

2.4 Lessons Learnt

The lessons learnt from past experience need special focus for better management of any undesirable incident during the upcoming monsoon season;

- Specific measures against Flash Flood like awareness drive, siren use and long-term rehabilitation of population under threat.

- Specific innovative measures against GLOF to be initiated for monitoring the situation
- Specific measures and arrangements against Urban Flooding need to be in place
- Specific measures against land sliding
- Timely completion of all ongoing flood protection infrastructure works.
- Local govt to fix various billboard and workout low lying areas.
- PESCO to carry out survey of high/low tension wire for mitigating any threat during monsoon.
- Ensuring availability of storage facilities in various prone areas
- Prior mobilization of Earth moving Machinery for clearing various sites
- Pre-qualification of contractors for pre and post event works for monsoon
- Taking onboard Civil Defence and other Volunteers
- Sharing of timely information and coordination
- Maintenance of various flood warning and control equipment/systems/structures
- Timely removal of encroachments from flood plans, rivers and nallahs
- Timely communication and warning to public regarding weather conditions and patterns
- Taking onboard various humanitarian partners/organizations for coordination and regulation of relief activities
- Removing shortcomings in damage assessment/timely reporting
- Ensuring working telecommunications systems for coordination and response

2.5 Challenges and Mitigation Measures

2.5.1 Limited Flood Protection Arrangements

Except a very little number of flood protection work majority of the Province of Khyber Pakhtunkhwa lacks protective arrangements, to safeguard the vulnerable population against disaster / risk of floods, protection work is therefore warranted to be stated through various development initiatives for reducing vulnerabilities of the areas along the banks of major rivers

2.5.2 Issue of Conventional Metrological Grid in the Province

There are 16 Met Stations in the province, which also require technological upgradation. Long range radars at some elevated points will cover major parts of the province, while installation of automatic weather stations in hill stations will be sufficient to enhance the weather forecasting capacity of Pak Met Department, which is mandatory for climate based smart planning.

2.5.3 Low Tech Based Flood Early Warning Arrangements

The existing arrangements rely on rivers gauging through telemetry system of WAPDA and some other basic systems of gauges being deployed by the Irrigation Department Khyber Pakhtunkhwa. Due to the limited capacities of forecasting, the existing arrangements provide less time to prepare for floods. Real time telemetric devices have to be deployed at existing irrigation gauging points on different rivers and streams in the province. through PDMA has installed automatic hydro metrological telemetric devices at 07 sites, however, more than 100 sites are required to be covered for provision of accurate real-time information to fore warn vulnerable communities in high risk zones.

2.5.4 Encroachments Phenemona

Encroachment on river's banks is one of the major causes of losses (both life and property) during floods. The encroachment issue during 2010 amplified the destructive effect of the mega flood in the province. Population incursion along all the major rivers, especially, Panjkora, Swat and Kabul Rivers as well as along Indus and all those areas which are prone to floods by hill torrents in the North are mainly responsible for the loss of life and property, in case of floods. Similarly, blocked and heavily encroached drainage systems of settled areas, especially in Peshawar valley, plays a major role in inundation which results in damages and destructions. The irrigation department and district administration need to take concrete steps and initiate anti-enchroachment drive on priority before onset of the upcoming monsoon 2021. PDMA has already sansitized the said responsible authorities.

2.5.5 Capacity Gaps at District Levels

Monsoon preparedness activities are initiated at provincial and district levels to identify vulnerable hot spots and devise a response plan keeping in view the existing vulnerabilities. However, the agencies responsible for response lack sufficient machinery and trained human resources. Thereby leaving gaps that has to be covered to strengthen the preparedness capacity of DDMUs that is vital for a proactive response to disaster management. The mentioned factor, along with inadequate resources, undermines the response capacities at both levels. The reactive response strategies at district and provincial levels does help to save lives and provide solace to the flood effected population to large extent. The government of KP is now successfully moving towards proactive approach. However, extraordinary efforts are required in this regard.

2.5.6 Non-Observance of Early Warnings by General Public

Another serious aspect, which is witnessed, especially in Charsadda, Nowshera and Peshawar, is the lack of seriousness by general public towards flood early warning(s). People had tendency to stay in their home and resisted to evacuate till flood water completely overwhelmed and marooned them. This behaviour of public needs to be addressed through effective awareness campaigns before the onset of monsoon season and development of early warning systems and integration with SMS system for issuing of alerts.

2.5.7 Insufficient Water Storage and Regulation Capacity

The water storage facilities in Khyber Pakhtunkhwa have reduced drastically with the passage of time, ranging from 70- 30% in different storage reservoirs, mainly due to silting, which has ultimately reduced their flood mitigation capacities. Although, there are certain arrangements in place for upstream catchment areas which measure flow of water, however, no arrangements are in place to regulate flow of water into and from dams so as to maintain sufficient balance of water as well manage inflow and outflow of water by Damming Authorities. The damming authorities needs to have a plan of action for proper water management and desilting to increase and regulate water storage capacity efficiently in the province.

2.5.8 Non-Implementation of Building Codes and Land Use Plans

There are legal provisions for implementation of building codes with TMAs, however, the enforcements are not made in its true spirit, which results in urban sprawl and low-quality infrastructure that is prone to shocks of earthquakes and cyclones. Additionally, there is lack of land use plan, which results in conversion of agriculture land into residential zones that have huge implications for future food security, as most of the fertile land in the province is subject to the expansion of real estate business. There is need to discourage such development through BoR and TMAs.

2.5.9 Strengthening of DDMUs and Conduct of MHVRA

District Disaster Management Units are the first responders to any disaster event. Therefore, their capacities are of utmost importance. DDMUs need to be capacitated with the requisite



resources for swift emergency response to monsoon and other hazards. MHVRAs (Multi Hazard Vulnerability Risk Assessment) is a standardized tool used for risk assessment in a district. This provides a baseline for elements at risk and provides technical insights for future development in the area. In developed countries all public and private infrastructure like buildings, bridges, roads and other facilities are constructed keeping the technical input available from the MHVRA dataset. In absence of MHVRAs sound judicious development cannot be undertaken. Therefore, PDMA KP has initiated a project to be financed either through the provincial ADP or financing avenue of NDRMF, which provides funding for disaster risk reduction to provincial governments on cost sharing basis.

2.5.10 Soil Erosion Due to Floods

The most adverse impacts of deforestation in KP are flooding, climate changes, land sliding, soil erosion and desertification. Although the government has initiated some schemes for addressing this phenomenon like billion tree tsunami and other projects by Agriculture department, however more work is needed in this regard to control soil erosion near the banks of major rivers and other vulnerable areas.

2.5.11 Capacity Enhancement of Local Government to Deal with Urban Flooding

Intense rain coupled with encroachment in sewerage channels lead to Urban Flooding in major cities of Khyber Pakhtunkhwa which warrant adequate town planning, mapping of hazards, provision of high-powered de-watering pumps and sewerage water disposal system.



CHAPTER-3

PREPAREDNESS

3.1 Outlook for Monsoon 2021

Date: 11th June 2021

Outlook for Monsoon 2021 (Jul Sep)

Synoptic situation:

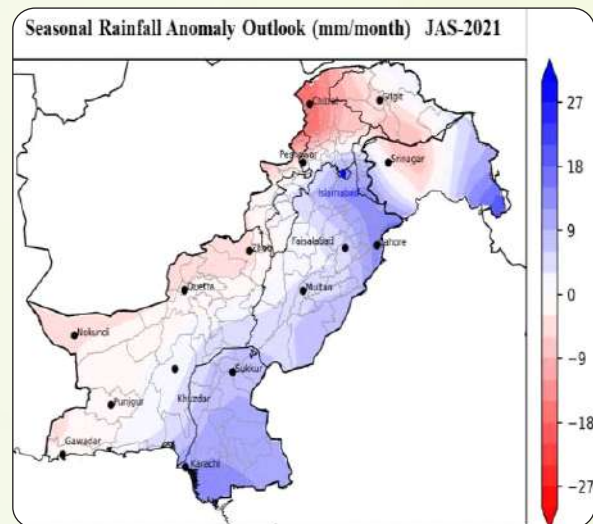
The ENSO and IOD are prevailing in neutral phase and will continue in the same phase during Monsoon season 2021. Based on the global and regional circulation patterns mentioned above, the outlook for the Monsoon 2021 in Pakistan is as under:

Seasonal Outlook:

Monsoon rainfall is expected to remain **near to normal during July to September 2021** in Pakistan. The upper half of Punjab, northern Baluchistan and Kashmir are likely to receive moderately above normal rainfall during the season.

Onset of the monsoon is expected during last week of June, expected dates would be **27-30 June**.

Area weighted **normal rainfall** of Pakistan during Jul - Sep is **140.8 mm**.



Impacts:

- Flash flooding in hill torrents of Punjab, AJK and KP, also urban flooding in major plain areas of Punjab, Sind and KP cannot be ruled out.
- Due to extreme hydro-meteorological events over catchments, riverine floods may occur.
- Above normal temperatures in high altitudes are likely to increase rate of snowmelt in the Northern Areas subsequently increasing the chances of base flow in the Upper Indus basin.
- Sufficient water availability for irrigation and power sectors will be a good impact.

Note: Keeping in view the rapid changes in climate system dynamics, the above outlook will be updated on monthly basis during the first week of each month.

Source: Pakistan Meteorological Department

3.2 Contingency Planning- Objective and Process

The massive earth quack in 2005 reinforces the need of affective disaster risk management structure and institutional arrangement in the country. Hence the National Disaster Management Ordinance 2006 and National Disaster Management Act 2010 were promulgated. Subsequently NDMA, PDMA and DDMUs were established at national, provincial and district level respectively.

PDMA deal with the whole spectrum of disaster risk management at Provincial level. The vision of PDMA is to achieve disaster resilient Khyber Pakhtunkhw. In order to minimize disaster risk within the province, PDMA formulates comprehensive DRM strategies, contingency plans, SOPs and ensure their effective and efficient implementation as envisages in its mission.

Monsoon is one of the recurring phenomena in Khyber Pakhtunkhwa, therefore PDMA Khyber Pakhtunkhwa regularly devise Monsoon Contingency Plan every year to assess vulenarability of the districts, check preparedness level and establish effective coordination mechanism to minimize loss of lives and property and ensure coordinated response, relief, recovery, rehabilitation and reconstruction in case of any untoward incident during monsoon season.

This year PDMA started the contingency planning process for monsoon in March and held consultative sessions with all DDMOs, ADCs (Relief), divisional Reporting officers, Provincial line departments, Federal departments and organizations, Pak Army and humanitarian partners followed by visits of DRM team to all divisions and meetings with Divisional Commissioners for sorting out any issue, debriefing and finalization of districts contingency plans. One of the prominent feature of contingency planning is retrieval of data from all stakeholders through web version of e-planning system housed at PDMA Khyber Pakhtunkhwa.



3.3 The Planning Context

Monsoon Contingency Plan 2021 is based on the probabilistic and perception-based risk assessment and scoring supported by the event wise damages and losses data and number of population affected. Similarly, the Plan is also based on the caseload and lesson learnt from past four year's monsoon seasons. The District Disaster Management Units (DDMUs) have also workout their NFIs and Fund demands based on the past four years' experience.

In case of any eventuality of flooding the low impact scenario based on 2010 flood caseload has been considered as planning base for current year monsoon.

3.3.1 Flood Risk Assessment of the Province

The assessment is carried out by using a framework to provide an understanding for identifying vulnerabilities on the basis of 05 variables (as shown in Table)

- i. A). Likelihood of flood event
- ii. B). Impact on Population
- iii. C). Impact on Livelihood
- iv. D). Impact on Physical Infrastructure
- v. E). Accessibility of the Area in terms of response by the provincial government.

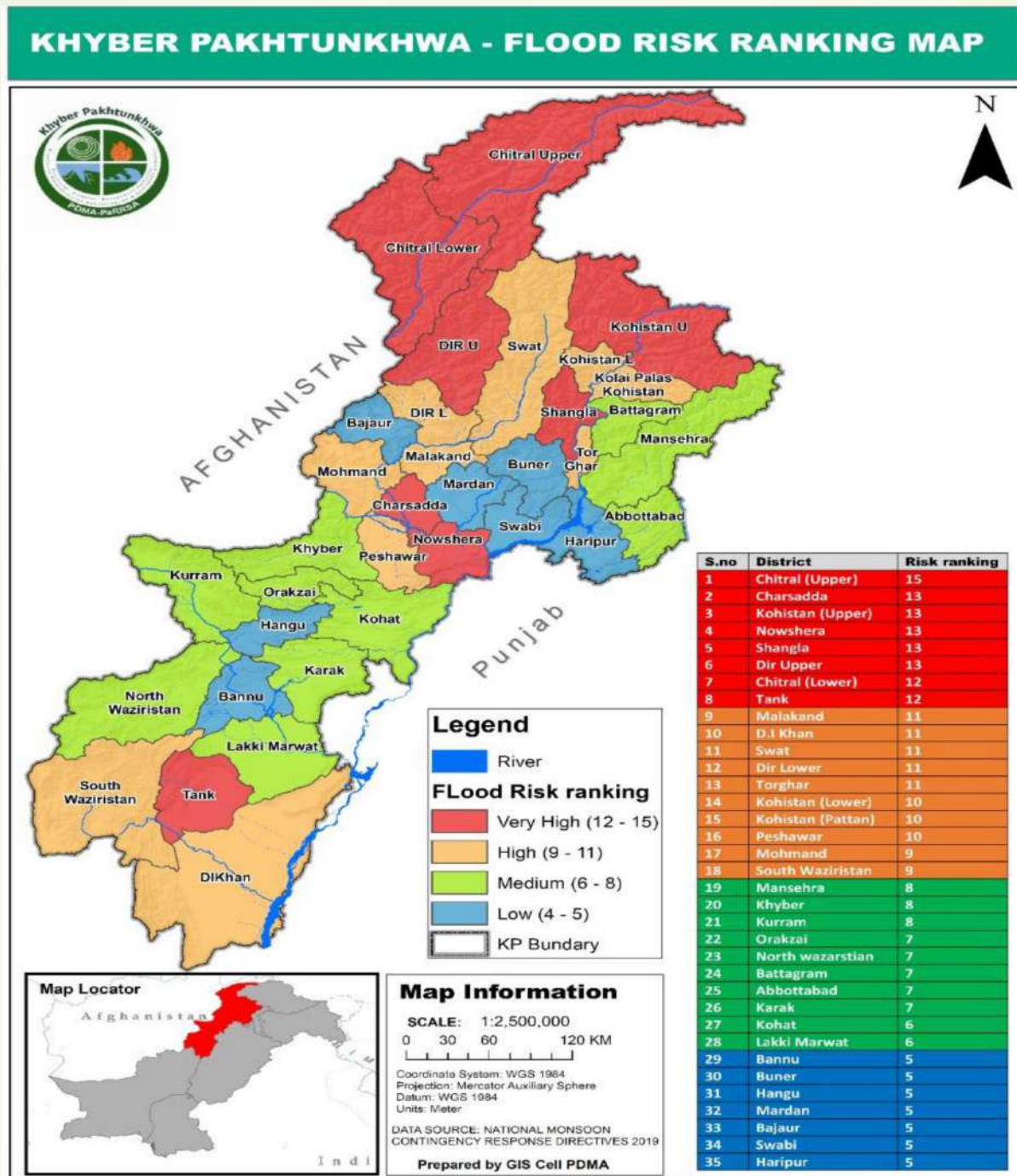
It uses 04 values for assessing the impacts (03 for major impact, 02 for moderate impact and 01 for limited impact).

Flood Risk Ranking Exercise -District Wise for Monsoon Season 2021							
S.no	Name of District	A: Likelihood of flood event	B: Impact on Population	C: Impact on livelihood	D: Impact on physical infrastructure	E: Accessibility of the area	Risk ranking of a district (A+B+C+ D+E)
		0= None, 1=Rare, 2=Occasion al, 3= Frequent	0= no impact, 1= limited, 2=substantia l, 3= major	0= no impact, 1= limited, 2=substanti al, 3= major	0= no impact, 1= limited, 2= substantial, 3= major	0= v. close, 1= close, 2= medium, 3= remote	
1	Chitral (Upper)	3	3	3	3	3	15
2	Charsadda	3	3	3	3	1	13
3	Kohistan (Upper)	3	2	2	3	3	13

4	Nowshehra	3	3	3	3	1	13
5	Shangla	3	2	2	3	3	13
6	Dir Upper	3	2	2	3	3	13
7	Chitral (Lower)	3	2	2	2	3	12
8	Tank	2	3	2	2	2	11
9	Malakand	2	2	2	3	2	11
10	D.I Khan	3	2	2	2	2	11
11	Swat	3	2	2	2	2	11
12	Dir Lower	3	2	2	2	2	11
13	Torghar	2	2	2	2	3	11
14	Kohistan (Lower)	2	3	2	2	1	10
15	Kohistan (Pattan)	2	2	2	2	2	10
16	Peshawar	3	2	2	2	1	10
17	Mohmand	2	1	2	2	2	9
18	South Waziristan	2	1	1	2	3	9
19	Mansehra	2	1	1	2	2	8
20	Khyber	2	2	2	1	1	8
21	Kurram	2	1	1	1	3	8
22	Orakzai	1	1	1	1	3	7
23	North Waziristan	1	1	1	1	3	7
24	Battagram	1	1	1	1	3	7
25	Abbottabad	2	1	1	1	2	7
26	Karak	2	1	1	1	2	7
27	Kohat	2	1	1	1	1	6
28	Lakki Marwat	2	1	1	1	1	6
29	Bajaur	1	1	1	1	1	5
30	Bannu	1	1	1	1	1	5
31	Buner	1	1	1	1	1	5
32	Hangu	1	1	1	1	1	5
33	Mardan	1	1	1	1	1	5
34	Swabi	1	1	1	1	1	5
35	Haripur	1	1	1	1	1	5

(DMIS Data of PDMA)

This framework is used to quantify the level of vulnerabilities of districts to flood events during monsoon season. It is based on dataset available in PEOC-PDMA for analysis of impacts of flood events on population, economy, infrastructure and the corresponding response to emergency situation. Due to the geographic terrain of the province, it has been observed that some of the areas in Malakand and Hazara Division have accessibility issue which create challenges in swift emergency response.



3.3.2 Scenarios and Corresponding Caseloads

For better understanding of flood impacts on the vulnerable communities, it is vital to develop projected scenarios, which may help in identifying:

- i. The pre-impact vulnerability conditions,
- ii. The event-specific conditions that establish the level of disaster impact,
- iii. Suitable emergency management actions, and,
- iv. Financial impact for which resources may be requisitioned from the provincial government

There are two main dimensions of flood impacts on the community in general i.e. physical and social. Casualties and property damages are the physical impacts of flood which can be measured, noticed and reported immediately to the response authorities. However, socio economic impacts, which include psychosocial, demographic, economic, and political impacts, can develop over a longer period and can be difficult to assess when they occur. This contingency plan only highlights the physical impact of the anticipated flood scenario on the population.

The corresponding caseloads to the scenario are the result of extensive consultation with district administrations, along with mathematical calculation of the presumed vulnerable population so that the desired steps would be taken in time of emergencies. Contingency planning for under consideration of caseloads, taking account of NFIs and FIs provision to the affectees. Minimum standards shall be maintained by providing relief to the effected population. (Standards are at **Annexure – I**)

a. Flood Impacts Scenario (Based on 2010 Super Flood)

Projected households likely to be affected in 2021 based on 2010 flood data

S.No	Districts	Affected HH High Impact Floods (Assumed for 2021)	Affected HH Medium Impact Floods (Assumed for 2021)	Affected HH Low Impact Floods (Assumed for 2021)
1	Abbottabad	3651	1217	406
2	Bajaur	4381	1461	487
3	Bannu	7940	2647	882
4	Battagram	20336	6779	2259
5	Buner	13272	4424	1475
6	Charsadda	87472	29158	9720
7	Chitral (lower)	18033	6011	2003

8	Chitral (upper)	18764	6255	2085
9	D.I Khan	15063	5021	1674
10	Dir Lower	4611	1537	512
11	Dir Upper	130903	43635	14545
12	Hangu	16705	5568	1856
13	Haripur	25107	8369	2790
14	Karak	14826	4942	1647
15	Khyber	3505	1168	390
16	Kohat	4837	1613	538
17	Kohistan (Upper)	19714	6571	2190
18	Kohistan lower	9598	3200	1067
19	Kohistan Pattan	6571	2190	730
20	Kurram	3146	1049	350
21	Lakki Marwat	4731	1577	525
22	Malakand	28036	9345	3115
23	Mansehra	3524	1175	392
24	Mardan	52583	17528	5843
25	Mohmand	6717	2239	747
26	North Waziristan	730	244	82
27	Nowshera	54065	18021	6007
28	Orakzai	2190	730	244
29	Peshawar	125300	41767	13922
30	Shangla	15539	5180	1727
31	South Waziristan	14894	4964	1654
32	Swabi	34315	11438	3813
33	Swat	148240	49413	16471
34	Tank	6571	2190	730
35	Torghar	3395	1131	377
Total		929261	309753	103251

b. Low Impact Scenario (Planning Base for Monsoon Contingency Plan 2021)

Out of the three impact scenarios, this year low impact scenario has been taken into consideration based on the monsoon season outlook 2021 by Pakistan Metrological Department. Low impact scenario has been worked out as 1/3 of the medium scenario and 1/9 of the high impact (worst case as of 2010 flood) scenario. The caseload is based on the assumption/prediction of the Pakistan Met Department as it predicts the forthcoming monsoon as normal or below. The projected households that may be affected, their food and nonfood items requirement and consequent financial impact has been worked out. The NFIs packages involves the calculation based on assumption that 1/3 of the affected population may be shift to camps. NFIs package included items as shown in below table calculated on household level requirements while food packages calculated as standard set by the NDMA.

Estimated Humanitarian Response (Relief Items) for Low Impact Scenario 2021

S. #	District	Affected Household (HH)	Tents	Plastic Sheets	Blankets	Hygiene Kits	Kitchen Set	Water Cooler	Buckets	Tarpaulin	Stoves	Drinking Water Cans
1	Abbottabad	406	132	132	794	397	397	397	794	397	397	2779
2	Bajaur	487	159	159	952	476	476	476	952	476	476	3332
3	Bannu	882	121	121	726	363	363	363	726	363	363	2541
4	Battagram	2259	737	737	4420	2210	2210	2210	4420	2210	2210	15470
5	Buner	1475	481	481	2886	1443	1443	1443	2886	1443	1443	10101
6	Charsadda	9720	3169	3169	19016	9508	9508	9508	19016	9508	9508	66556
7	Chitral (lower)	2003	653	653	3920	1960	1960	1960	3920	1960	1960	13720
8	Chitral (upper)	2085	680	680	4078	2039	2039	2039	4078	2039	2039	14273
9	D.I Khan	1674	546	546	3274	1637	1637	1637	3274	1637	1637	11459
10	Dir Lower	512	167	167	1002	501	501	501	1002	501	501	3507
11	Dir Upper	14545	4743	4743	28458	14229	14229	14229	28458	14229	14229	99603
12	Hangu	1856	605	605	3630	1815	1815	1815	3630	1815	1815	12705
13	Haripur	2790	910	910	5458	2729	2729	2729	5458	2729	2729	19103
14	Karak	1647	537	537	3224	1612	1612	1612	3224	1612	1612	11284
15	Khyber	390	127	127	762	381	381	381	762	381	381	2667
16	Kohat	538	175	175	1050	525	525	525	1050	525	525	3675
17	Kohistan (Upper)	2190	714	714	4284	2142	2142	2142	4284	2142	2142	14994
18	Kohistan lower	1067	348	348	2086	1043	1043	1043	2086	1043	1043	7301
19	Kohistan Pattan	730	238	238	1428	714	714	714	1428	714	714	4998
20	Kurram	350	114	114	684	342	342	342	684	342	342	2394
21	Lakki Marwat	525	171	171	1028	514	514	514	1028	514	514	3598
22	Malakand	3115	1016	1016	6094	3047	3047	3047	6094	3047	3047	21329
23	Mansehra	392	128	128	766	383	383	383	766	383	383	2681
24	Mardan	5843	1905	1905	11432	5716	5716	5716	11432	5716	5716	40012
25	Mohmand	747	243	243	1460	730	730	730	1460	730	730	5110
26	North Waziristan	82	26	26	158	79	79	79	158	79	79	553
27	Nowshera	6007	1959	1959	11754	5877	5877	5877	11754	5877	5877	41139
28	Orakzai	244	79	79	476	238	238	238	476	238	238	1666

29	Peshawar	13922	4540	4540	27240	13620	13620	13620	27240	13620	13620	95340
30	Shangla	1727	563	563	3378	1689	1689	1689	3378	1689	1689	11823
31	South Waziristan	1654	540	540	3238	1619	1619	1619	3238	1619	1619	11333
32	Swabi	3813	1243	1243	7460	3730	3730	3730	7460	3730	3730	26110
33	Swat	16471	5371	5371	32228	16114	16114	16114	32228	16114	16114	112798
34	Tank	730	238	238	1428	714	714	714	1428	714	714	4998
35	Torghar	377	123	123	738	369	369	369	738	369	369	2583
Total		103251	33501	33501	201010	100505	100505	100505	201010	100505	100505	703535

c. Funds Needed for In-Camp/ Evacuation Centers Population

It is assumed that 2/3 of the affected population will move to host community while 1/3 will be shifted to evacuation centers. The below assumption is made on the basis that relief package of NFIs and FIs as per minimum standard will be provided to the affected HH. It is assumed that the in camp population will be served at least one package of each Non Food Items and Food Items Packages.

Itemized Cost for Estimated Humanitarian Response for Low Impact Scenario 2021												
S.#	District	Affected Household	Case Load for evacuation camps	Tents	Plastic Sheets	Blankets	Hygiene Kits	Kitchen Set	Tarpaulin	Stoves	Drinking Water Cans	Food Package
1	Abbottabad	406	135	3248000	243600	1624000	1583400	3248000	1542800	730800	595467	2760800
2	Bajaur	487	162	3248000	292200	1948000	1899300	3896000	1850600	876600	714267	3311600
3	Bannu	882	294	3248000	529200	3528000	3439800	7056000	3351600	1587600	1293600	5997600
4	Battagram	2259	753	3248000	1355400	9036000	8810100	18072000	8584200	4066200	3313200	15361200
5	Buner	1475	492	3248000	885000	5900000	5752500	11800000	5605000	2655000	2163333	10030000
6	Charsadda	9720	3240	3248000	5832000	3888000	3790800	7776000	3693600	1749600	1425600	66096000
7	Chitral (lower)	2003	668	3248000	1201800	8012000	7811700	16024000	7611400	3605400	2937733	13620400
8	Chitral (upper)	2085	695	3248000	1251000	8340000	8131500	16680000	7923000	3753000	3058000	14178000
9	D.I Khan	1674	558	3248000	1004400	6696000	6528600	13392000	6361200	3013200	2455200	11383200
10	Dir Lower	512	171	3248000	307200	2048000	1996800	4096000	1945600	921600	750933	3481600
11	Dir Upper	14545	488	3248000	8727000	5818000	56725500	116360000	55271000	26181000	21332667	98906000
12	Hangu	1856	619	3248000	1113600	7424000	7238400	14848000	7052800	3340800	2722133	12620800
13	Haripur	2790	930	3248000	1674000	11160000	10881000	22320000	10602000	5022000	4092000	18972000

14	Karak	164 7	549	32480 00	9882 00	65880 00	64233 00	13176 000	62586 00	29646 00	24156 00	11199 600
15	Khyber	390	130	32480 00	2340 00	15600 00	15210 00	31200 00	14820 00	70200 0	57200 0	26520 00
16	Kohat	538	179	32480 00	3228 00	21520 00	20982 00	43040 00	20444 00	96840 0	78906 7	36584 00
17	Kohistan (Upper)	219 0	730	32480 00	1314 000	87600 00	85410 00	17520 000	83220 00	39420 00	32120 00	14892 000
18	Kohistan lower	106 7	356	32480 00	6402 00	42680 00	41613 00	85360 00	40546 00	19206 00	15649 33	72556 00
19	Kohistan Pattan	730	243	32480 00	4380 00	29200 00	28470 00	58400 00	27740 00	13140 00	10706 67	49640 00
20	Kurram	350	117	32480 00	2100 00	14000 00	13650 00	28000 00	13300 00	63000 0	51333 3	23800 00
21	Lakki Marwat	525	175	32480 00	3150 00	21000 00	20475 00	42000 00	19950 00	94500 0	77000 0	35700 00
22	Malakand	311 5	103 8	32480 00	1869 000	12460 000	12148 500	24920 000	11837 000	56070 00	45686 67	21182 000
23	Mansehra	392	131	32480 00	2352 00	15680 00	15288 00	31360 00	14896 00	70560 0	57493 3	26656 00
24	Mardan	584 3	194 8	32480 00	3505 800	23372 000	22787 700	46744 000	22203 400	10517 400	85697 33	39732 400
25	Mohmand	747	249	32480 00	4482 00	29880 00	29133 00	59760 00	28386 00	13446 00	10956 00	50796 00
26	North Waziristan	82	27	32480 00	4920 0	32800 0	31980 0	65600 0	31160 0	14760 0	12026 7	55760 0
27	Newshehra	600 7	200 2	32480 00	3604 200	24028 000	23427 300	48056 000	22826 600	10812 600	88102 67	40847 600
28	Orakzai	244	81	32480 00	1464 00	97600 0	95160 0	19520 00	92720 0	43920 0	35786 7	16592 00
29	Peshawar	139 22	464 1	32480 00	8353 200	55688 000	54295 800	11137 6000	52903 600	25059 600	20418 933	94669 600
30	Shangla	172 7	576	32480 00	1036 200	69080 00	67353 00	13816 000	65626 00	31086 00	25329 33	11743 600
31	South Waziristan	165 4	551	32480 00	9924 00	66160 00	64506 00	13232 000	62852 00	29772 00	24258 67	11247 200
32	Swabi	381 3	127 1	32480 00	2287 800	15252 000	14870 700	30504 000	14489 400	68634 00	55924 00	25928 400
33	Swat	164 71	549 0	32480 00	9882 600	65884 000	64236 900	13176 8000	62589 800	29647 800	24157 467	1.12E +08
34	Tank	730	243	32480 00	4380 00	29200 00	28470 00	58400 00	27740 00	13140 00	10706 67	49640 00
35	Torghar	377	126	32480 00	2262 00	15080 00	14703 00	30160 00	14326 00	67860 0	55293 3	25636 00
Total		103 255	344 18	11368 0000	6195 3000	41302 0000	40269 4500	82604 0000	39236 9000	18585 9000	15144 0667	70213 4000

Presumed Scenario	Non Food Items & Food Items	Contingent Fund	Total
High Impact Scenario (in Millions)	29241	5848	35089
Medium Impact Scenario (in Millions)	9747	1949	11696
Low Impact Scenario (in Millions)	3249	650	3899



3.4 State of Preparedness

3.4.1 State of Preparedness of PDMA

PDMA has already done its preparation exercise, for funds securing case has been taken with Finance department, districts have been asked for their requirements of funds for dealing first hand localized emergency situation. PDMA has completed its procurement process for NFIs before the onset of monsoon 2021 and have already dispatched required NFIs to districts as per their requirements.

Other line departments have been consulted and they have submitted their respective contingency plan for dealing with any emergency situation as reflected in the following paras.

a. Relief Stock Availability

Relief Stock Availability on the Strength of DDMUs and PDMA Khyber Pakhtunkhwa																		
S. NO	District	Tents	Blankets	Mattress	Generator	Plastic Mats	Quilts	Kitchen Sets	Hygiene Kits	Tarpaulin Sheet	Mosquito Nets	Iron Bed	Pillow	Jerry Cane	Soap	Life Jackets	De-Watering Pumps	Search Light
1	Abbotabad	345	475	355	5	300	300	267	200	324	236	51	376	0	1000	0	2	25
2	Bannu	64	65	14	0	200	235	0	20	25	300	180	120	0	03	50	0	25
3	Buner	359	300	155	3	300	520	300	400	300	0	60	0	0	1080	25	2	50
4	Battagram	105	260	217	2	200	250	200	0	300	100	90	50	0	1080	0	0	15
5	Bajur	338	500	460	0	500	0	360	350	500	300	0	0	60	1200	50	0	50
6	Chitral Lower	500	500	500	4	300	500	300	100	300	75	32	500	112	1080	30	0	100
7	Chitral Uper	522	1900	0	0	801	1480	350	350	360	240	0	0	660	1080	70	0	0
8	Charssada	473	0	0	0	176	0	181	286	492	0	0	0	0	1080	100	0	60
9	Dir Upper	189	0	0	0	0	500	0	0	0	0	0	100	100	0	0	0	122
10	DIR Lower	500	368	0	0	402	666	307	0	0	215	0	0	726	1080	0	0	0
11	D I Khan	648	494	519	5	0	979	435	600	300	2060	1277	972	200	1080	300	0	100
12	Hangu	85	113	101	0	89	0	78	0	61	176	0	0	0	0	0	0	0
13	Haripur	325	142	0	0	231	338	150	0	0	0	13	0	311	1080	0	0	0

14	Kohat	224	267	61	0	0	50	72	0	0	320	0	88	0	1080	45	0	15
15	Karak	287	168	54	0	186	170	155	0	0	230	0	0	265	1080	0	0	40
16	Kohistan Lower	333	571	171	6	379	878	365	140	350	796	0	350	138	1080	0	0	28
17	Kohistan Upper	0	0	0	1	0	200	0	0	100	0	0		50	0	0	0	100
18	KolaiPalas	82	150	150	3	156	290	50	50	0	80	0	0	89	1080	50	0	10
19	Kurrām	66	89	60	0	100	0	69	0	49	100	0	0	80	0	0	0	0
20	LakkiMarwat	570	0	0	4	546	350	500	0	0	425	0	0	255	1080	0	5	0
21	Mansehra	225	540	250	2	610	430	112	0	0	0	0	85	50	1098	35	2	15
22	Mardan	101	30	100	0	150	0	148	0	197	0	0	0	0	1080	0	0	0
23	Mohammad	450	1700	900	0	550	0	505	700	0	1000	0	0	0	1080	0	0	0
24	Malakand	266	0	284	0	276	500	287	300	0	150	100	0	321	1080	0	0	0
25	Nowshera	111	0	100	0	110	100	112	0	0	0	0	0	0	1080	100	0	0
26	North Waziristan	304	257	203	0	0	210	202	0	0	500	211	202	0	1080	0	0	40
27	Orakzai	205	300	300	0	280	340	320	0	0	500	0	0	30	1080	0	2	25
28	Swat	532	448	513	0	932	615	329	417	201	540	34	340	107	1080	125	0	0
29	Swabi	250	195	0	0	95	600	0	146	0	0	40	90	0	1080	75	2	86
30	Shangla	556	669	581	0	717	1527	452	0	0	415	177	451	110	1080	0	0	0
31	South Waziristan	329	884	559	0	0	645	483	401	500	0	0	113	0	1080	0	0	0

Relief Stock Availability on the Strength of DDMUs and PDMA Khyber Pakhtunkhwa

S. NO	District	Tents	Blankets	Mattress	Generator	Plastic Mats	Quilts	Kitchen Sets	Hygiene Kits	Tarpaulin Sheet	Mosquito Nets	Iron Bed	Pillow	Jerry Cane	Soap	Life Jackets	De-Watering Pumps	Search Light
		32	Tank	265	0	200	0	248	137	250	216	235	250	0	0	0	0	0
TOTAL QTY AVAILABLE IN DISTRICTS INCLUDING MERGED DISTRICTS	Torghar	203	0	105	0	200	0	203	0	500	0	0	0	0	1080	20	2	0
	TOTAL QTY AVAILABLE IN DISTRICTS INCLUDING MERGED DISTRICTS	9812	11385	6912	35	9034	12810	7542	4676	5094	9008	2265	4863	3664	30301	1075	17	906
TOTAL QTY AVAILABLE AT PDMA WAREHOUSE	8465	20152	10172	127	7875	2544	9171	1644	2669	7613	0	12680	7620	51937	45	2	185	
OVERALL QUANTITY AVAILABLE IN THE PROVINCE	18277	31537	17084	162	16909	15354	16713	6320	7763	16621	2265	17543	11284	82238	1120	19	1091	

b. Fund Position of the Districts

Provincial Disaster Management Authority has placed requisite funds at the disposal of all Deputy Commissioners, for quick payment of compensation in case of any untoward emergency during the monsoon season. On the other hand, different line departments provide M and R funds for clearance of roads and communication channels in case of disaster.

Available Balance in Relief Head of Account		
S.No.	District	Available Balance (Rs)
1	Abbottabad	30,328,905
2	Bajaur	1,684,824
3	Bannu	1,260,252
4	Battagram	23,860,909
5	Buner	21,680,266
6	Charsadda	1,249,678
7	Chitral Lower	20,000,000
8	Chitral Upper	3,372,291
9	DI Khan	27,435,904
10	Dir Lower	21,881,634
11	Dir Upper	8,512,234
12	Hangu	16,576,399
13	Haripur	15,374,146
14	Karak	9,111,200
15	Khyber	900,000
16	Kohat	7,964,715
17	Kohistan Lower	29,448,184
18	Kohistan Upper	9,539,891
19	Kolai Palas	32,045,759
20	Kurram	11,482,260
21	Lakki Marwat	15,593,664
22	Malakand	13,724,870
23	Manshera	12,444,070
24	Mardan	10,000,000
25	Mohamand	8,665,597
26	North Waziristan	13,820,528
27	Nowshera	24,438,656
28	Orakzai	6,463,956
29	Peshawar	9,183,510
30	Shangla	17,634,068
31	South Waziristan	8,400,000
32	Swabi	7,447,319
33	Swat	38,403,247
34	Tank	20,841,400
35	Torghar	12,516,732
Total		400,957,701

c. Equipments for Search and Rescue provided to Districts/Departments

i. Provision of Boats and Rescue Equipments to Pak-Army

Strengthening of sister organizations is essential part of preparedness and subsequent effective response to any disaster. PDMA provided 50 x OBM Boats and 6x fiber glass boats in the year 2017 and 24x fiber glass boats with 40 HP OBMs in the year 2020 to Pak-Army (Engineering Dept) for further placement in flood prone areas. The boats are specially designed for flooding with the maximum capacity to carry 18 numbers individuals. The high-power latest technology OBM's will enable the boats to operate with full zeal especially in shallow and muddy water.

PDMA has started the procurement of accessories for water search and rescue including life jackets, life rings, boat peddles, boat ailers, bouys and boat hooks and items will be handed over to Pak Army by 15th July 2021.

ii. Provision of Rescue Equipments to Civil Defence

In order to elevate the level of preparedness and bring synergies in efforts for improved and effective response to Monsoon season, PDMA has strengthened Civil Defence by providing the following necessary rescue equipment during the past three years.

S #	District	Pick axes	Hand Shovels	Gloves (leathe)	Fire buckets	Helmet	Electric search light	Manila rope	Rubber tube	Life jackets
1	Abbottabad	42	42	85	42	85	42	17	42	34
2	Bannu	42	42	85	42	85	42	17	42	34
3	Charsadda	42	42	85	42	85	42	17	42	34
4	Chitral	42	42	85	42	85	42	17	42	34
5	D.I Khan	42	42	85	42	85	42	17	42	34
6	Dir Lower	42	42	85	42	85	42	17	42	34
7	Dir Upper	42	42	85	42	85	42	17	42	34
8	Hangu	42	42	85	42	85	42	17	42	34
9	Kohat	42	42	85	42	85	42	17	42	34
10	Malakand	42	42	85	42	85	42	17	42	34
11	Mansehra	42	42	85	42	85	42	17	42	34
12	Mardan	42	42	85	42	85	42	17	42	34
13	Nowshera	42	42	85	42	85	42	17	42	34
14	Peshawar	42	42	85	42	85	42	17	42	34
15	Swat	42	42	85	42	85	42	17	42	34
Total		630	630	1275	630	1275	630	255	630	510

iii. Stock Provided to Civil Defence by PDMA in 2020

S#	Name of Item	Name of Districts												
		Peshawar	Mardan	Nowshera	Charsadda	Malakand	Dir (L)	Dir (U)	Chitral	Swat	Bannu	D.I.Khan	Kohistan U	Haripur
1	Hand Shovels	5	5	5	5	5	5	5	5	5	5	5	4	5
2	Hand Carts	3	3	2	2	3	2	2	2	2	2	2	1	2
3	Axes	5	4	3	3	4	2	2	2	2	2	2	2	3
4	Saws	4	3	3	3	3	2	2	2	2	2	2	2	3
5	Jackets	4	6	4	6	8	2	2	2	2	2	2	2	3
6	First Aid Box	6	5	3	3	6	3	3	3	3	3	3	3	3
7	Folding Stretcher		1	1		2								
8	Torch with solar	5	5	4	4	5	4	4	4	4	3	4	2	2
9	Blankets	2	2	2	2	2	2	2	2	2				
10	Hygiene kits	20	18	15	15	18	15	15	15	15	15	15	10	10

iv. Rescue Items' Stock Held by the Districts

S #	Districts	Dozers	Tractors	Dumpers/loaders	OBM	Ambulances	Life Jackets	Generators	Search Lights	Sand Bags	De-Watering Pumps	Life Rings	Walkie Talkie	Boiler	Excavators	Road roller	Fire Brigade	Trolleys
1	Peshawar	0	11	7	18	0	250	1	0	-	17	0	0	-	7	2	3	4
2	Mardan	-	18	-	5	-	-	7	7	-	38	-	-	-	-	-	-	-
3	Nowshera	-	-	-	4	5	12	4	5	-	2	-	10	-	-	-	-	-
4	Abbottabad	2	18	6	-	4	-	2	-	-	-	-	-	-	-	-	3	12
5	D.I khan	7	34	-	-	-	-	5	-	-	22	-	-	-	9	-	4	16
6	Swat	5	3	8/4	8	4	-	-	-	-	-	-	-	1	4	4	7	7
7	Haripur	3	11	-	-	-	-	2	-	-	1	-	-	-	3	-	-	11
8	Charsadda	-	16	-	-	-	63	-	-	150	28	2	-	-	-	-	-	-
9	Kohat	3	35	0/6	22	-	210	8	-	-	9	-	-	-	4	-	-	6
10	Chitral (Upper)	12	10	-	1	2	6	-	6	-	-	2	2	-	20	-	-	-
11	Chitral (Lower)	7	9	-	1	1	3	-	2	-	-	1	-	-	9	-	-	3
12	Dir Lower	-	4	1	-	-	6	5	4	-	-	-	-	-	1	-	-	-
13	Dir Upper	2	3	3	-	-	-	-	-	-	-	-	-	-	1	-	-	1
14	Buner	2	9	1/20	-	-	-	5	-	-	-	-	-	-	22	-	6	14
16	Mansehra	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18	Bannu	1	9	2	-	19	50	5	-	-	4	-	-	-	2	-	2	7

19	Hangu	-	4		-	3	30	1	-	-	1	-	-	-	-	-	-		
21	Karak	-	2	2	-	-	-	1	-	-	-	-	-	-	2	-	-		
26	Battagram	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3		
27	Swabi	-	10	-	-	-	-	-	-	-	7	-	-	-	-	-	10		
28	Lakki Marwat	-	6	-	-	3	100	-	-	-	-	-	-	-	-	-	-		
Total		46	22	2	60	59	41	730	49	24	150	129	5	12	1	84	6	25	96

All the district administrations have been strictly directed to also map heavy earthmoving machinery and equipments available in the districts concerned in the private custody with the name of the owner, location and contact numbers so that in case of emergency and need, the machinery can be utilized for restoration activities.

a. Installation of Flood Telemetry Stations for Early Warning

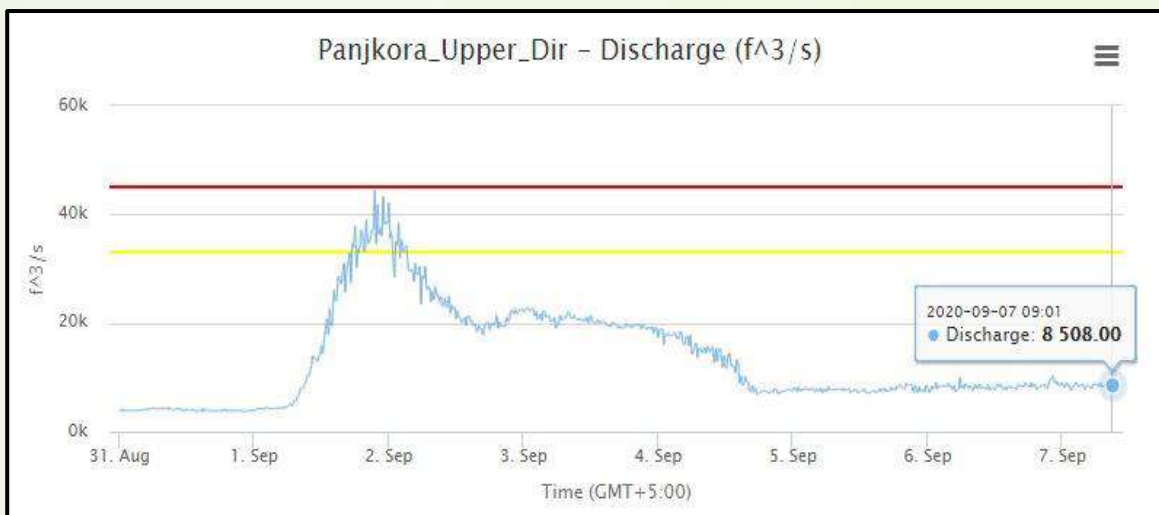
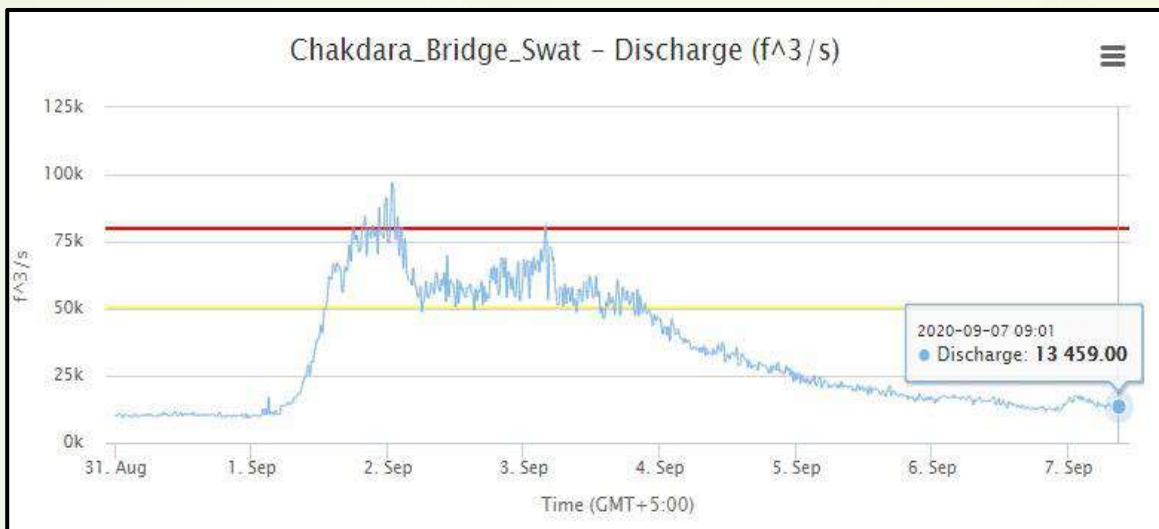
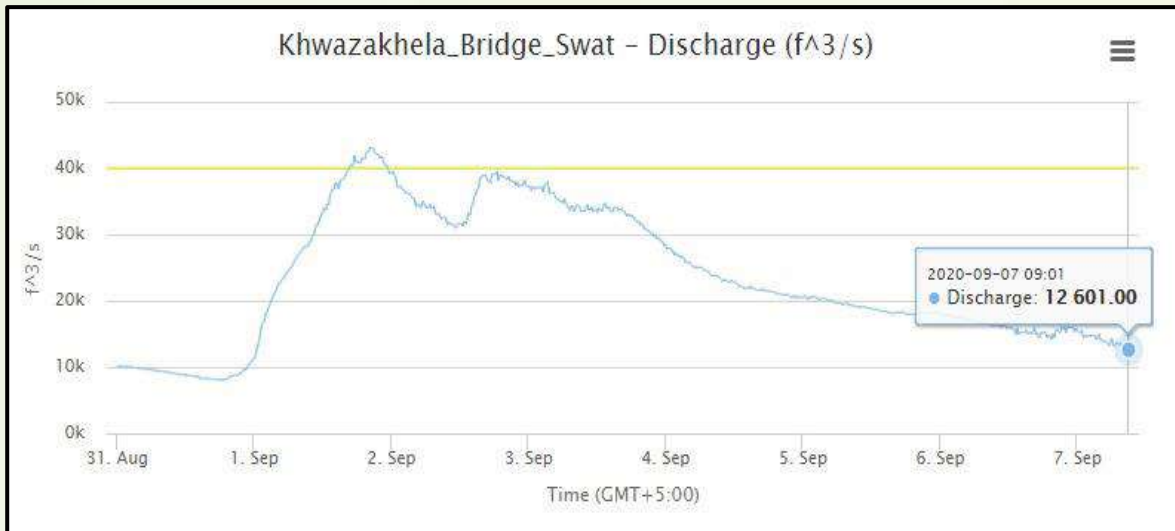
Provincial Disaster Management Authority under the project titled “Revamping of PEOC of PMDA has successfully installed flood Early Warning System in the upper catchment areas, in collaboration with Irrigation Department at following points:

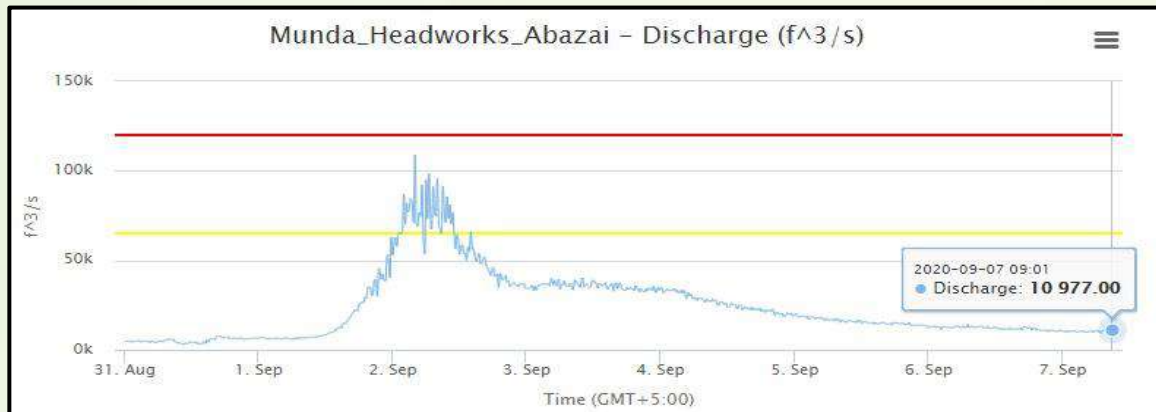
1. Kalpani Nullah at Malakand Mardan road Jalala Bridge Mardan
2. Swat River at Chakdara Bridge Swat
3. Swat River Khawzakhela Bridge Swat
4. Munda Headworks at Abazi near Muhmand Agency Mohamand Agency
5. Panjkora River at Jabalot Bridge Upper Dir, Lower Dir
6. Budni Nullah Darmangi Bridge Peshawar
7. Kabul River at Adezai Bridge Shabqadar Road Peshawar, Mardan

Under this system modern technology has been utilized to modernize the existing water gauges and rain gauges to get real time readings for Water Discharge, Water Velocity and calculation of rain in millimeters.

The prime objective is to establish streams and rain gauges network in the hilly areas, linked with computer-based model, it stores streams water level data and rain precipitation data. Moreover, this intelligent software analyzes the existing data with previous flash flood historical data, upon reaching a dangerous level, it generates alert signals. These alert signals activate Provincial Emergency Operation Center, subsequently concern district, Tehsil and union councils to be alert to prevent human losses in such critical situation.

Following are the flood peaks reported at PEOC PDMA during monsoon 2020 in River Swat and River Panjkura.





b. Advisories issued by PDMA for monsoon damages mitigation

Keeping in view the monsoon damages, PDMA proactively issued the following advisories for mitigating the damages during the upcoming monsoon 2021:-

- All the line departments and districts are advised to developed their monsoon contingency plan and take mitigative measures to reduce the risk of disasters.
- Major metropolis/Local Govt & Rural Development and WSSCs have been advised to chalk out vulnerable areas and take preemptive measures for avoiding the affect of urban flooding.
- Local administration and the concerned departments have been asked to carry out anti encroachment drives in their jurisdictions.
- The services providing agencies like WSSCs and TMAs have been asked to inspect/clear the sewerage/drainage lines.
- Advisories have been issued to PESCO for cutting of trees near to transmission lines and fixation of hanging wires for avoiding any untoward incident during monsoon period.
- Irrigation Department to complete all pending protection works and clear encroachments from major river/nallahs.
- C&W Department to place machinery at vulnerable sites for timely response during monsoon.

In response the relevant departments have initiated the following actions;

- C&W Department carried out vulnerability assessment of roads, bridges and enlisted the road clearing/earth moving machinery, prequalified contractors and pre-fabricated bridges to be installed on emergency basis (in case of damage/collapse).
- Forest Department carried out vulnerability assessment of recent plantation sites against flash floods and land slides. Checkdams and slope stabilization measure have been taken.
- Live stock and dairy development department informed all the regional stations/centers to be vigilant and report disease outbreak if any in monsoon season and ensured preparation for vaccination and water testing and also launched awareness compaign.
- Public Health Engineering Department assessed vulnerable WSSs/supply lines and ensured inlisting of prequalified contractors for the restoration of damage infrastructure, alternate

arrangement for restoration of water supply scheme/lines, restoration of wash facility and temporary shelters (schools).

- Irrigation Department launched encroachment removal drive before the onset of monsoon 2021.
- Cleaning and de-siltation carried out.
- Major obstructions in water ways cleared by heavy duty excavators.
- Line Departments have assigned emergency staff duties for onsite response during monsoon season.
- Availability of the De-Watering pumps and generator etc ensured by local administration
- For flood diversion in some areas new drains are being constructed.
- Contractors hired for excavation in case of emergency by local administration.

c. Humanitarian Resource Facility of PDMA at Jalozai

To enhance the emergency and disaster response capacity of the government and the humanitarian community, PDMA with collaboration of United Nation World Food Programme developed a centralized Humanitarian Response Facility (HRF) at Jalozai, This centralized HRF currently serves as logistic base for the whole Province of KP in case of any disaster having warehousing capacity of 4000 MT for general storage items, and 400 for climate controlled sensitive items.



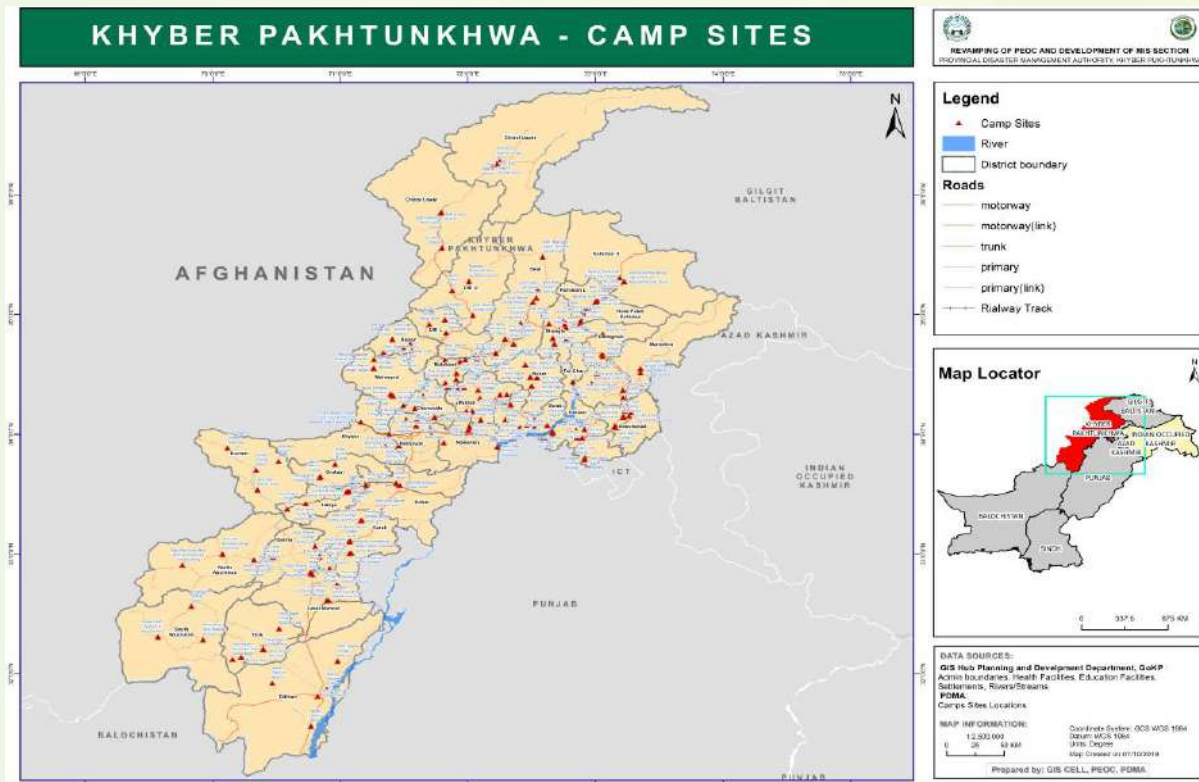
d. Perspective of Gender and Child Protection; Gender and Child Cell (GCC), PDMA Khyber Pakhtunkhwa

Although the legal frameworks of Pakistan (including the constitution) support human rights and equality with a special focus on vulnerable population, various social norms and discriminatory practices can exacerbate the impact of a disaster event on women, girls, men, boys, transgender, elderly people and persons with disabilities. It is therefore critical to understand the different

impacts that crises can have on most at risk population. PDMA has a dedicated Gender and Child Cell which ensure that the different needs, priorities and capacities of women, men, girls and boys, and of those exposed to multiple vulnerabilities are addressed when designing, planning, implementing, monitoring and evaluating Disaster Risk Reduction (DRR) and Disaster Risk Management (DRM) efforts. Gender wise segregated data of vulnerable districts is attached at **Annex II**.

e. Identified Camp Sites by Camp Management Support Unit, PDMA Khyber Pakhtunkhwa
Camp Management and Camp Coordination is a vital form of humanitarian assistance because it coordinates protection and assistance programming and takes a holistic approach to upholding basic human rights and meeting the needs of the camp population.

The Camp Management Support Unit in PDMA has been established to identify potential camp sites in each district of KP where, in case of disaster the displaced people will be given shelter and protection. The unit has identified 184 pre disaster camp sites throughout KP where camps will be established in case of emergency (**Annexure III**).



3.4.2 State of Preparedness of the Districts

a. ADC Relief/DDMUs

At district level District Disaster Management units have been notified and is functioning as field formation for the disaster management activities in the field. All the 35 districts have carried out the consultation process with district level stakeholders and submitted their district monsoon contingency plans to the Commissioner Offices and PDMA Khyber Pakhtunkhwa. The districts monsoon contingency plans are comprehensive documents covering the resource mapping, district vulnerabilities and the coordination mechanism. Brief extract from each district monsoon contingency plan is reflected in Chapter-4.

b. Public Machinery Available in the Districts

S.No	District	Dozers	Excavator	Trolleys Mini tractor trolley	Suzuki Pickup	Blade Tractor	Tracker	Tractor Trolley	Ambulances	Double Cabin	Generators	Life Jackets	Fire brigade	Wheel loader	Carrier	Rescue vehicles	Recovery vehicle	Water tanker	Trucks	Shovel	Hand Shovel	Dumpers	Fog Spray Suzuki/Hand	Road Roller China	Mack Trailer 35-Tons	Static Roller	Maize Sheller	Seed Driller	Boos Cutter	Dewatering Pump	Rescue Boats	OBM 75 HP	First Aid Kit	Fire Vehicle	
1	Abbotabad	2	0	12	0	0	20	0	22	0	0	0	8	4	0	1	1	0	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Bajaur	2	2	4	0	4	14	0	8	14	10	100	2	2	2	1	0	3	0	0	0	0	4	2	0	0	1	1	2	2	0	0	0	0	
3	Bannu	1	0	2	0	0	10	0	10	0	0	60	6	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	2	2	0	0	2	0	
4	Battagram	1	2	8	0	0	5	0	10	0	1	100	5	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
5	Buner	1	1	2	0	0	2	0	2	0	1	25	0	0	0	1	0	6	1	0	0	0	1	0	0	0	0	0	8	0	0	0	1	0	
6	Charsadda	0	0	5	0	0	6	0	4	0	0	117	5	1	0	1	1	0	0	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	0
7	DI Khan	7	9	16	0	0	34	0	23	0	5	222	4	0	0	1	0	8	0	0	0	0	0	0	0	0	0	0	6	7	0	0	0	0	
8	Dir Lower	2	0	4	4	2	4	0	8	0	0	5	7	0	0	1	0	1	1	0	0	1	1	0	0	0	0	0	0	1	5	0	0	0	
9	Dir Upper	1	1	0	0	2	6	5	31	0	0	18	2	0	0	1	0	0	0	5	5	0	0	0	0	0	0	0	0	1	0	0	2	0	
10	Hangu	0	0	4	0	0	4	1	4	0	1	30	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	Haripur	0	0	8	9	0	2	0	13	0	3	0	3	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
12	Karak	0	10	4	15	10	10	0	15	0	2	10	6	5	0	1	1	0	12	5	8	10	1	1	0	0	0	0	3	50	0	12	0	0	
13	Khyber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	

14	Kohat	0	0	0	0	0	10	8	20	0	3	40	9	0	0	0	0	3	0	0	0	1	3	0	0	0	0	0	0	0	0	6	1	0	0	
15	Kohistan Lower	0	1	0	0	0	0		4	0	0	40	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
16	Kohistan Upper	0	0	0	0	0	0		3	0	0	6	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0		
17	Kolai Palas	0	0	0	0	0	0		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18	Kuram	0	0	3	0	0	7		6	0	0	0	2	0	0	0	3	3	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	70	0	
19	Laki Marwat	0	0	5	0	0	6		20	0	4	0	6	0	1	0	6	0	0	0	0	1		0	0	0	0	0	0	0	6	1	0	4	0	
20	Lower Chitral	0	1	0	0	2	2		6	0	8	70	4	0	1	0	6	0	0	0	0	0		0	0	0	0	0	0	0	2	0	0	0	0	
21	Makand	0	0	10	5	5	8		16	0	1	8	8	0	1	2	0	0	100	0	5	2	0	5	2	0	0	0	0	0		1	1	0	7	
22	Mansehra	4	5	9	3	5	18		0	0	0	10	5	0	1	2	0	0	200	2	0	0	0	0	0	5	0	0	0	0	0	0	0	5	0	
23	Mardan	0	0	1	0	2	2		17	0	0	50	13	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	11	2	4	3	0	
24	Mohmand	0	0	1	0	0	5		10	0	0	0	3	0	3	3	0	0	0	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	
25	North Waziristan	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	Nowshera	0	0	0	17	1	10		0	0	0	0	2	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	
27	Orakzai	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	Peshawar	0	1	2	0	0	4		48	0	2	300	1	0	2	1	0	1	3	57	1	4	0	0	0	0	0	0	0	3	15	2	6			
29	Shangla	0	2	4	0	2	7		15	0	3	100	4	0	1	3	0	6	0	0	7	0	7	0	0	0	0	0	0	0	0	0	1	9	0	
30	South Waziristan	0	0	0	0	0	0		8	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	Swabi	0	0	1	2	1	17		7	0	3	50	2	0	1	5	0	0	0	2	0	3	0	0	0	0	0	0	0	0	4	7	7	5		
32	Swat	7	4	3	2	0	0	5	3	0	0	0	7	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Tank	0	0	1	0	0	3		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	
34	Torghar	0	0	1	0	0	1		2	0	2	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Upper Chitral	3	1	1	1	1	0		1	1	1	30	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		31	40	111	58	37	217	19	336	15	51	1391	126	13	6	29	9	55	39	22	316	92	41	12	5	5	1	1	2	60	96	21	118	8		

3.4.3 Line Departments Preparedness

a. Irrigation Department

i. Flood Mitigation Infrastructure

FLOOD MITIGATION STRUCTURES			
S. No	Name of District	Number of Structures	Type
1	Peshawar	91	Flood Protection Works
2	Nowshera	128	Flood Protection Works
3	Charsadda	64	7 No Spurs/57 No FPW
4	Kohat	15	Flood Protection Works
5	Karak	101	Flood Protection Works
6	Hangu	53	Flood Protection Works
7	Tank	5	Flood Protection Works
8	Lakki Marwat	3	Flood Protection Works
9	Bannu	40	21 No Spurs/19 FPW
10	D.I Khan	51	28 No Spurs/23 FPW
11	Mardan	44	Flood Protection Works
12	Swabi	107	1 No Spur/106 FPW
13	Malakand	21	Flood Protection Works
14	Kohistan	19	Flood Protection Works
15	Torgar	13	Flood Protection Works
16	Batagram	11	1 No Spur/10 FPW
17	Haripur	101	Flood Protection Works
18	Mansehra	59	21 No Spurs/19 FPW
19	Abbotabad	53	05 No Spurs/48 FPW
20	Swat	185	24 No Spurs/161 FPW
21	Dir (U/L)	60	21 No Spurs/39 FPW
22	Chitral	29	5 No Spurs/24 FPW
Total No of Structures: -		1253	

ii. Vulnerability Assessment of Irrigation Infrastructure

Districts	Rivers/ Nullas/ Torrents	Length in KM	Vulnerable UCs	At Risk Population
Charsadda	kabul, Adezai, Khiali, Jindi, Hisara, Dab, Shobla	111.87	24	527,434
Chitral	30 torrents, 1 River	714	15	252,000
DI Khan	Drain 1-23, Indus, FCC (leni, Khud warkai, Velhari, Gajistan, Sheerana, Amak),	335	15	641,000
Dir Lower	57 torrents, 2 Rivers	91	10	315896
Kohsitan	Goshali, Dassu, Harban, Kaindia, Seo, Pattan, Keyal,	117.5	19	245,735

	Dubair, Ranolia, Sherakot, Sheryal, Musha, Kolay			
Mardan	Kalpani	57	5	360,108
Nowshehra	Kabul, Bara, Naguman, Adezai, Shahibala, Garandai, Takhtabeg, Dallas, Chilla, Daggai, Khudrezai, Chinkar, Shahalam, Budni, Sufaid Sang, Spair sang, Nasirbagh, Malakandair, Janai, Talaband, Marizang, Uch and Arando, Jalazai, Pirpai, Jani	721	28	450,584
Peshawar	Kabul, Bara, Naguman, Adezai, Shahibala, Garandai, Takhtabeg, Dallas, Chilla, Daggai, Khudrezai, Chinkar, Shahalam, Budni, Sufaid Sang, Spair sang, Nasirbagh, Malakandair, Janai, Talaband, Marizang, Uch and Arando, Jalazai, Pirpai, Jani		24	858,098
Swat	Jambil, Murghazar, Mingora, Haroonai, Banwai, Manglore, Khwazakhela, Chailmadiyan, Darral, Mankial, Maidan, Shin, Sulathan, Shwar, Sarsainai, Shamozai, Puranetai, Chakaisar, Swar	468.5	40	1,015,198

iii. Flood Fighting Machinery with Irrigation Department

S #	Name	Qty
1	Doosan Excavator 180wv	1
2	Mack Trailer 35 ton	1
3	Air compressor (Ingersoll Rand)	1
4	Tractor 640 FIAT and Water Tanker	1
5	Fork lifter (case)	1
6	Bed ford truck no A3539	1
7	Flood light unit no 1	1
8	Front end Loader MW24 case	1
9	Front end loader no 1 case 721	1
10	Front End loader case 14wb	1
11	Dozer crawler 1550 case	1
12	Dump truck 002 international	1
13	Dump Truck 004 international	1

b. Pakhtunkhwa Highways Authority (PKHA)

i. Provincial Highways

Pakhtunkhwa Highways Authority manages highways having total length of 2936 km.

Provincial Highways			
S#	H/Way	Name of Highway	Length (KM)
1	S-1	Peshawar- Charsadda- Mardan- Swabi- Topi- Ghazi- Sarikot- Panian- Haripur- Hattar- Taxila	194
2	S-1 A	Naguman- Shabqadar- Pir Qilla	17
3	S-1 B	Mardan eastern and western bypass	33.60
4	S-1 C	Adina- Yar Hussain- Lahore District Swabi	25
5	S-1 D	Sarikot- Gudwalian Road	8
6	S-2	Chitral- Mastuj- Shandur District Chitral	172
7	S-3	Batkheela- Khaar- Dheri- Jhulagram- Totakan- Qulangi- Agra- Kot- Dargai	90
8	S-3-A	Qulangi Japan Bridge to Bandagai District Dir Lower	26
9	S-3-B	Chakdara- Shamoza- Kabal- Kanju- Matta- Bagh Dheri	80
10	S-4	Timer Gera- Munda- Khaar- Nawagai- Ghalanai- Pir Qilla- Peshawar	169
11	S-4 A	Munda- Samarbagh- Shahi- Chukiatan	97
12	S-4 B	Timergera- Maidan- Kalpani- Barawal	53
13	S-5	Maqsood- Lora- Ghora Gali- Barian- Natiagali- Abbottabad	117
14	S-5 A	Kuza Gali- Ayubia- Khan spur	6.15
15	S-5 B	Sarai Salih- Serian village via Rehana	12
16	S-5 C	Kohala- Pir Sohawa- Islamabad	20
17	S-5-D	Ternawa Koahala Bala Road District Haripur	35
18	S-5 E	Rehana- Mang	16
19	S-6	Swabi- Jehngire- Khairabad- Nizampur- Khushalgarh road Junction	123
20	S-6 A	Nowshera- Manki- Nizampur	35
21	S-7	Kohat- Hangu- Thal- Chapari- Parachinar	194
22	S-8	Thall- Mirali- Isha- Razmak- Khirgi- Tank- DI Khan- Darya Khan	335
23	S-8 A	Giloti- Hatala- Kulachi- Mastan	66
24	S-9	Nowshera- Charsadda- Umerzai- Harichand- Shergarh	73
25	S-9 A	Takht Bhie- Rajjar	22
26	S-9 B	Umerzai to Tangi Tehsil Head Quarter	12
27	S-10	Shahbazgarha- Rustam- Ambila- Daggar- Karakar- Barikot	103
28	S-10 A	Swerai- Dewana Baba- Batar- Sarqilla- Chowga to puran District Shangla	65
29	S-11	Tajazai- Lakki- Daratang- Chashma- DI Khan	155
30	S-11 A	Indus Highway- Bannu Township- Bannu City	36
31	S-11 B	Indus Highway to Lakki Town Via Manjiwala- Pakharkhel	19
32	S-12	Mansehra- Darband- Chapar- Haripur	167
33	S-12 A	Haripur Bypass Road	25
34	S-13	Karak- Sabir Abad- Shakar Dara- Karapa	76
35	S-13 A	Amberi Killi to Abassi Banda	35
36	S-14	Risalpur to Jehngire via pir sabaq – Mistre banda with a link to akora Khattak and Mardan Ring road via Moterway wali Interchange	50
37	MWKP-1	Swat Expressway	81
38	S-15	Manglawar- Malamjabba- District Swat	35
39	S-16	Chukiatan- Sheringal- Patrak	35
40	S-17	Matta- Fazil Banda	23
Total Length			2936

ii. Vulnerable Breaching Points of PKHA Roads

S#	List of Roads / Bridges	Location	Officer Incharge	Nature of Damage
1	Budni Bridge	Km 2 (S-1)	DD (Center)	Road over topped by flood water near Budhni Bridge. The right carriage way was washed away while mud slurry, stone debris and wood planks are staked on left carriage way by flood water.
2	Sardaryab-Khayali-Charsadda Section	Km 22-30 (S-1)	DD (Center)	Road over topped by flood water near Sardaryab to Khyali Bridge. Also 200 feet approach of Khyali Bridge towards Peshawar side was washed away by the heavy flood in River Swat
3	Charra Bridge	S-1 Naguman-Charsadda	DD (Center)	Approaches washed away
4	Michni (New Bridge)	S-4	DD (Center)	Approach towards Michini side was scoured and protection work damaged
5	Michni (old Bridge)	Km 21 (S-4)	DD (Center)	Scouring at the abutments was absorbed
6	Pir Bala-Mathra Section near Almasah Town	Km 7-14 (S-4)	DD (Center)	Road over topped by flood water in various reaches and down-stream shoulder washed away.
7	Jehangira Bridge	S-6 (Swabi - Jehangira Km 2)	DD (Center)	Approaches of the bridge were totally damaged/washed away upto 70 m
8	Manki Bridge	S-6 (Swabi - Jehangira Km 18)	DD (Center)	Protection work damaged
9	Panjpir Bridge	S-6 (Swabi - Jehangira Km 28)	DD (Center)	Protection work damaged
10	Kala Bridge	S-6 (Swabi - Jehangira Km 30)	DD (Center)	Protection work damaged
11	KM 2, L/S Swabi - Topi	S-1 (Topi - Gadoon)	DD (Center)	Road surface overtopped and shoulders damaged
12	KM 2, R/S Swabi - Topi	S-1 (Topi - Gadoon)	DD (Center)	Road surface overtopped and shoulders damaged
13	Sherbaz Banda Bridge Swabi - Topi	S-1 (Topi - Gadoon)	DD (Center)	Scouring around the abutment was absorbed
14	Baja Bridge, KM -9 Swabi - Topi	S-1 (Topi - Gadoon)	DD (Center)	Approach damaged
15	Baja Bypass Bridge KM-10, Swabi Topi	S-1 (Topi - Gadoon)	DD (Center)	Approach damaged
16	Bada Bridge Swabi - Topi	S-1 (Topi - Gadoon)	DD (Center)	A span of bridge settled down
17	Himlit Canal Bridge Swabi - Topi	S-1 (Topi - Gadoon)	DD (Center)	Approach of the bridge overtopped

18	Kalpani Bridge on Mardan Eastern Bypass Road	Km 4 (S-1-B)	DD (Center)	Approaches damaged
19	Jehangira Bridge	Km 30 (S-6)	DD (Center)	Swabi side approach washed away
20	Nowshera-Nisatta-Charsadda Road	S-9	DD (Center)	Road over topped by flood water from km 1 to 9 and downstream shoulder washed away.
21	Hajizai Bridge	Naguman-Shabqadar Road (S-1-A)	DD (RMU)	Approach road overtopped and Peshawar side approach was disconnected
22	Dera Darya Khan Bridge	S-8 (D.I.Khan)	DD (South)	Pile caps shows cracks
31	Khazana Bypass Road / Bridge	S-4 (Timergara)	DD (North)	Bridge damaged
32	Mingora Bypass Road (6 kms)	District Swat	DD (North)	Overtopped on 2km near river swat
33	Swari-Dewana Baba-Puran Road	S-10-A	DD (North)	Land Sliding
34	Samar Bagh-Shahi Road	S-4-A (Dir)	DD (North)	Land Sliding
35	Ambella Daggar Karakar Barikot Road (KM 85)	S-10	DD (North)	Slides on 400m length on karakar top.
36	Batkhela – Totakan Section i/c 3 Bridges	Km 8-20	DD (North)	Road overtopped and slides occurred on road crust
37	Haripur-Darban-Chappar Road	S-12 (Km 10-60)	DD (East)	Land Sliding
38	Barrian - Nathiagali - Abbottabad Road (57.50 Km)		DD (East)	Land Sliding
39	Maqsood-Lora-Gora Gali-Barian-Nathiagali-Abbottabad Road i/c Link road to Ayubia	S-5 and S-5-A (District Haripur/Abbottabad)	DD (East)	Land Sliding

c. Elementary and Secondary Education Department

Monsoon Contingency Plan Directorate of Elementary and Secondary Education Khyber Pakhtunkhwa						
S.No	District Name	Vulnerable Schools	Temporary Shelters/ Relief Camps	Wash Facilities	Capacity to House	Roster of Teaching and other Staff
1	Abbottabad (M)	194	14	38	249	69
2	Battagram (M)	5	43	Available	387	65
3	Buner (M)	14	3	Available	30	5
4	Charsadda (M)	10	74	Available	671	Available
5	Charsadda (F)	7	16	62	82	Available
6	Chitral (M)	159	431	Available	2389	1327
7	Chitral (F)	Nil	3	Available	21	15

8	Hangu (M)	18	18			23
9	Haripur (M)	9	4	Available	106	88
10	Haripur (F)	12	3	Available	58	85
11	Karak (F)	18	All Schools	Available	1434	5983
12	Kohat (M)	0	16	Available	116	16
13	Kohat (F)	0	376	Available	606	641
14	Kohistan (M)	48	7	Available	55	245
15	Lakki Marwat (M)	31	21	Available	222	66
16	Malakand (M)	37	20	Available	246	35
17	Malakand (F)	10	4	Available	98	190
18	Manshra (M)	8	8	Available	95	100
19	Manshra (F)	10	8	Available	94	62
20	Mardan (M)	32	28	141	199	156
21	Mardan (F)	6	6	Available	73	37
22	Nowshera (M+F)	54	244	1156	1810	3723
23	Peshawar (F)	9	37	Available	237	433
24	Shangla (M)	32	12	Available	180	180
25	Shangla (F)	3	9	67	128	177
26	Swabi (M)	22	85	Available	1069	287
27	Swat (M)	5	7	Available	194	470
28	Swat (F)	16	14	54	88	190
29	Tank (F)	5	7	Available	42	42
30	Torghar (M)	87	31	Available	139	139
31	Torghar (F)	41	4	Available	19	14
TOTAL		902	1553	1518	11137	14863

d. Food Department

Daily stock position provided by food department of the stock position and procurement of wheat as on 09/06/2021

S.No	Station	Tentative Target	Procurement on Date	Previous	Total Progressive	Balance
1	Abbottabad	3,000	-	2.896	2.896	2,997.104
2	Azakhel	10,000	-	0	-	10,000
3	Bannu	8,000	-	0	-	8,000
4	Charsadda	6,000	-	0	-	6,000
5	DI Khan	25,000	-	57.779	57.779	24,942.221
6	Haripur	4,000	-	239.126	239.126	3,760.874
7	Kohat	5,000	-	0	-	5,000
8	Mardan	8,000	-	0	-	8,000
9	Malakand	4,000	-	0	-	4,000
10	Manshra	4,000	18.780	4.840	23.620	3,976.380
11	Nowshera	3,000	-	0	-	3,000
12	Peshawar	10,000	-	0	-	10,000
13	Swabi	4,000	-	0	-	4,000
14	S. Naurang	2,000	-	0	-	2,000
Total		100,000	18.780	304.641	323.421	99,676.579

e. Emergency Response by the Rescue 1122 Khyber Pakhtunkhwa

Rescue 1122 is a vibrant and effective body for response in emergencies including monsoon. It has outreach to almost throughout the Province having 92 stations in 32 districts and 4435 trained Human Resource. PDMA KP has specifically invested in their capacity to deal with monsoon emergencies by providing them logistic support which includes boats, Diving Kits, Breathing Apparatuses etc.

Rescue 1122 is 24/7 ready to deal with any kind of emergency in 32 districts of Khyber Pakhtunkhwa. Detail resource mapping of the emergency services of Rescue 1122 is provided in **Annexure IV**.

f. Directorate of Civil Defence Khyber Pakhtunkhwa

Directorate of Civil Defence is an attached formation of RR&S Department which is regulated under Civil Defence Act 1952. The Directorate has a Razakaar frontline force in large scale for civil emergencies such as floods, earthquake, invasion and civil disorder. The Razakaars of Civil Defence numbering more than 50,000 across the province are ascribed to different units depending on their experience and training. In monsoon season emergencies the Civil Defence will carry out functions of;

- Establishment of monsoon emergency Control Cell in respective districts
- Keeping the volunteers/Razakaars on alert
- Carrying out rescue operations
- Provision of assistance in relief activities.

Detail resource mapping of Civil Defence Khyber Pakhtunkhwa is attached at **Annex V**.

g. Pakistan Railway

Before flood season start Pakistan railway establish flood emergency cell in HQ office Lahore as well as in sub office of each division of Pakistan railway system. This cell work round the clock. Peshawar control office having no. 091-9210684 communicate the flood level with HQ office Lahore for monitoring the behavior of major river like Kabul, Indus. Sufficient quantity of pitching stone and steel girder will be loaded in stock in every railway division before the flood season, in case of any emergency in Pakistan railway system, the loaded stock and spans will be shifted to the site immediately to restore the rail traffic.



Name of Office/Authority	Division Superintendent Office P.R. Peshawar
Name of head of the Officer	Fiaz Ahmad Khan
Focal Person in Emergency Control Room at Department Level	I. Muhammad Ameen Akhtar II. Contact No (S): 091-9210688 and Control Office: 091-9210684 III. Address: Division Superintendent Office P.R. Peshawar

Sensitive Bridge / Route				
Bridge/Rout	Address	Contact of Nearest station Master	Past Gauge Reading of Water Level	Alternative arrangement (If any)
Bridge No.4 on Nowshera dargai section	on Nowshera dargai section near Nowshera City	SM/NSR 0332-4063512 09239220029	697'	Nil
Bridge No.9 on Jand Kohat section	on Jand Kohat section at Khushalgarh	SM/JAD 0337-1428162 0332-5545044	970'	Nil

Logistic Arrangements for Emergency / Disasters		
Vehicles	Heavy Machinery for Railway Line / Bridge Clearance	
	Type of Machinery (For Rail Line/ Bridges)	Quantity
Provincial Level	Welding plant compressor, electric generator and water pump	One each
Total	01+01+01+01	1+1+1+1



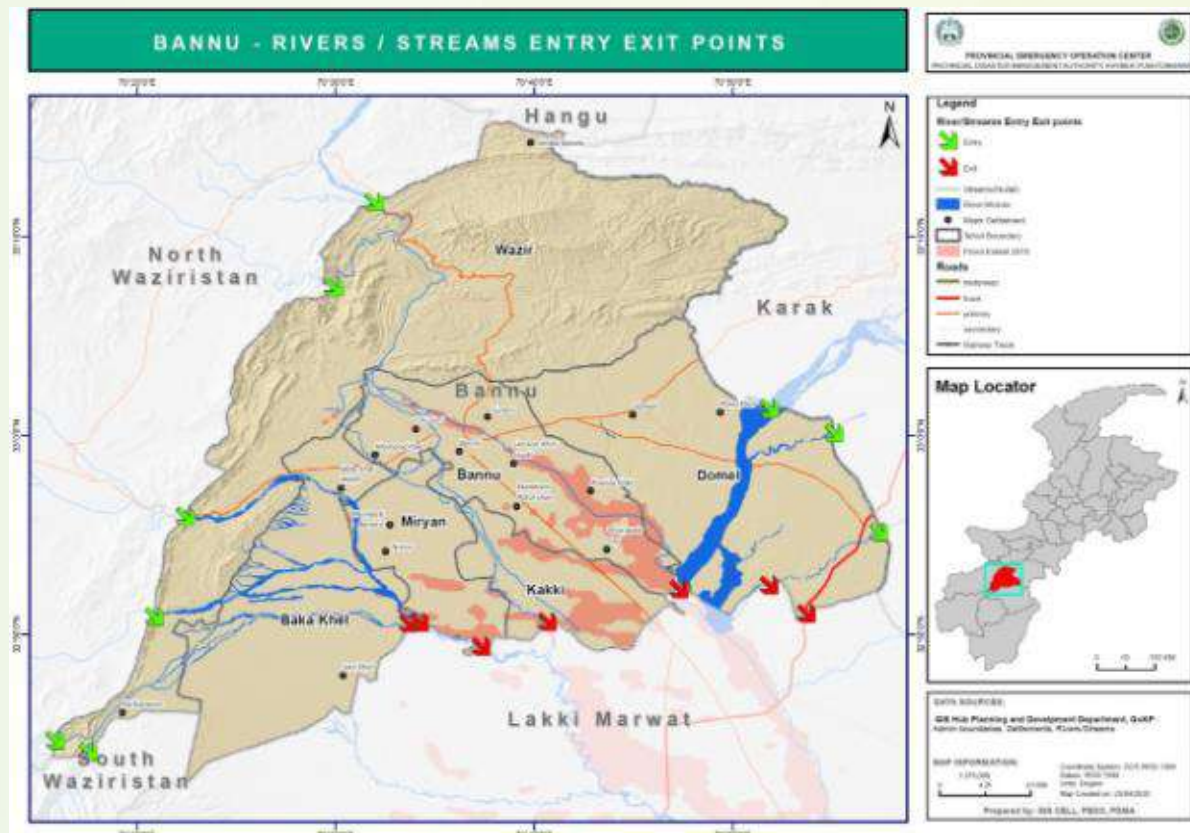
CHAPTER-4

**VULNERABILITY PROFILES
AND CORRESPONDING
CONTINGENCY PLANS OF
DISTRICTS**

4.1 BANNU DIVISION

1. District Bannu

Total Area	1227 Sq. KMs
Total Population	1167892
Sub Division	02
No. of NC's	05
No. of Village Councils	105
Vulnerable NC's/VC/UC	Ghori Wala, Baka Khel, Takhti hel, Nurur, Haved, Amandi, Slima Sikandar Khel, Jandu hel, Shamsi Khel, Bazar Ahmad Khan, Koti Sadat, Kot Qalander, Fatima Khel, Shahbaz Azmat Khel, Asperka Waziran, Khander Khan Khel, Domel, Bizen Khel, Aral Hathi Khel, Zeraki Perba Khel
Vulnerable Population	368,109
Neighboring Districts	Lakki Marwat, North Waziristan and Karak
Monsoon induced Hazards	Heavy Rains, Hailstorms and Flash Floods
Compensation Paid (3 years)	66.34M
Weather/Climate	Predominantly hot weather
Major Rivers/Nulla's/ Khwarh River	River Kurum, River Tochi, Nullah Kashu and Nullah Dowah
GPS Coordinates	32.9298° N, 70.6693° E
Altitude	3,806 m





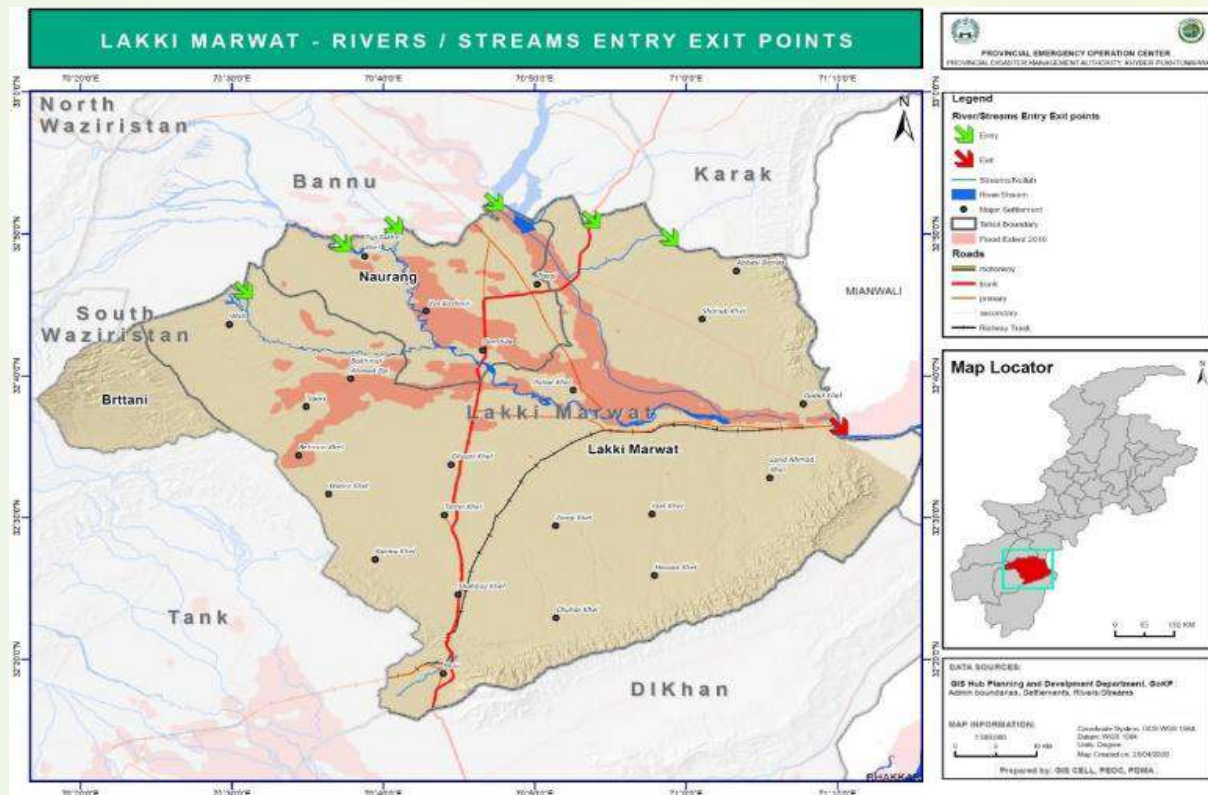
Available Relief Items for Monsoon 2021:

District Bannu			
Item	Qty	Item	Qty
Tent	64	Mosquito Net	300
Blanket	65	Iron Bed	180
Mattress	14	Pillow	120
Plastic Mat	200	Soap	3
Quilts	235	Life Jacket	50
Hygiene Kit	20	Search Light	25
Tarpaulin Sheet	25		

Available Relief Funds: Rs. 1,260,252/-

2. District Lakki Marwat

Total Area	3409 Sq. KMs
Total Population	902540 (Census 2017)
Sub Division	Tehsil Lakki Marwat, Tehsil Sarai Naurang , Sub Division Bhattani , Sub Tehsil Tajori (Newly created Tehsil of Ghazni Khel)
No. of NC's	07
No. of Village Councils	89
Vulnerable NC's/VC/UC	Lakki I, lakki II, Dara Tang, Phar Khel Thall, Landiwah, Shamoni Khattak, Mela Shahab Khel, Darra Pezu, Titter Khel, Behram Khel, Bakhmal Ahmadzai, Mama Khel, Mangiwala, Dadiwala, Bakhmal Ahmadzai, Baist Khel, Naurang-II, Naurang-I, Kot Kashmir, Shakh Quli Khan and Takhti Khel
Vulnerable Population (worst case scenario)	32,400
Neighboring Districts	Karak, Dera Ismail Khan , Mianwali , Tank and Bannu
Monsoon induced Hazards	Heavy Rains and Flash Flooding
Compensation Paid (3 years)	26.6M
Weather/Climate	The region has all the characteristics of a desert due to its sand dunes, scorching heat and dry weather. Summers are Hot while winters are moderately cool. The Summer Season begins from early April and continue till late October.
Major Rivers/Nulla's/ Khwarh River	River Gambila and River Kurram.
GPS Coordinates	Latitude 70 20 0E- 71 100 E Longitude 32 20 0 N- 32 50 0N
Altitude	255 m (837ft)





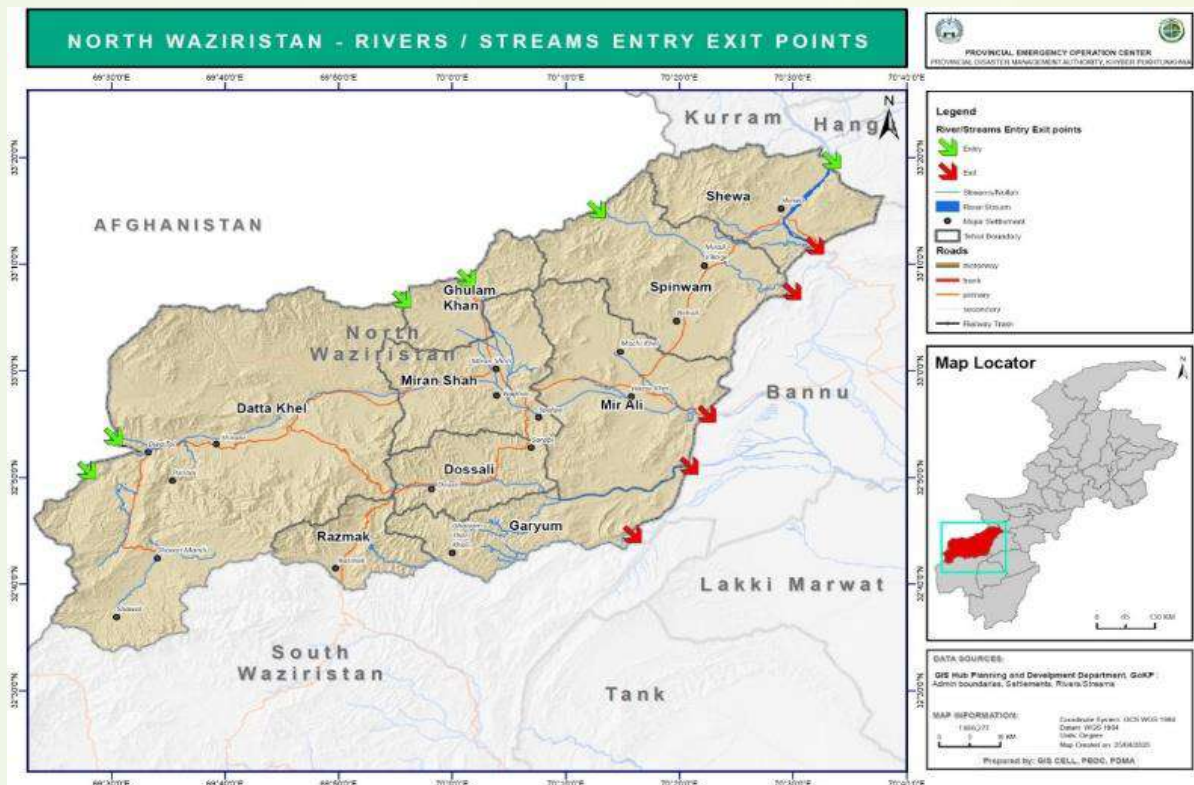
Available Relief Items for Monsoon 2021:

District Lakki Marwat			
Item	Qty	Item	Qty
Tent	570	Mosquito Net	425
Generator	4	Jerry Kan	255
Plastic Mat	546	Soap	1080
Quilts	350	De-Watering Pump	5
Kitchen Set	500		

Available Relief Funds: Rs. 15,593,664/-

3. District North Waziristan

Total Area	4707 Sq. KMs
Total Population	543254
Sub Division	Miranshah, Mir Ali and Razmak
No. of NC's	06
No. of Village Councils	75
Vulnerable NC's/VC/UC	Darpa Khel, Hamzoni, Asad Khel, Tappi, Hasso Khel, Dunkan, Dattakhel, Shawaf
Vulnerable Population (worst case scenario)	Not provided
Neighboring Districts	In North is Paktia, Afghanistan and Kuram Agency, in East is Tribal Sub-Division Wazir and District Bannu, in South is Tribal District South Waziristan, in West is Birmal and South Waziristan
Monsoon induced Hazards	Heavy Rain, Flash Floods and Hail Storms
Compensation Paid (3 years)	42874 M (Including citizen compensation spending)
Weather/Climate	Hot humid climate with Hot summer and mild winter
Major Rivers/Nulla's/ Khwarh River	Tochi, Kurram, Kaitu, Khaisoor and Shaktoi Nallah
GPS Coordinates	32.57.24 North and 70.00.36 East
Altitude	1500 to 2500 meters





Available Relief Items for Monsoon 2021:

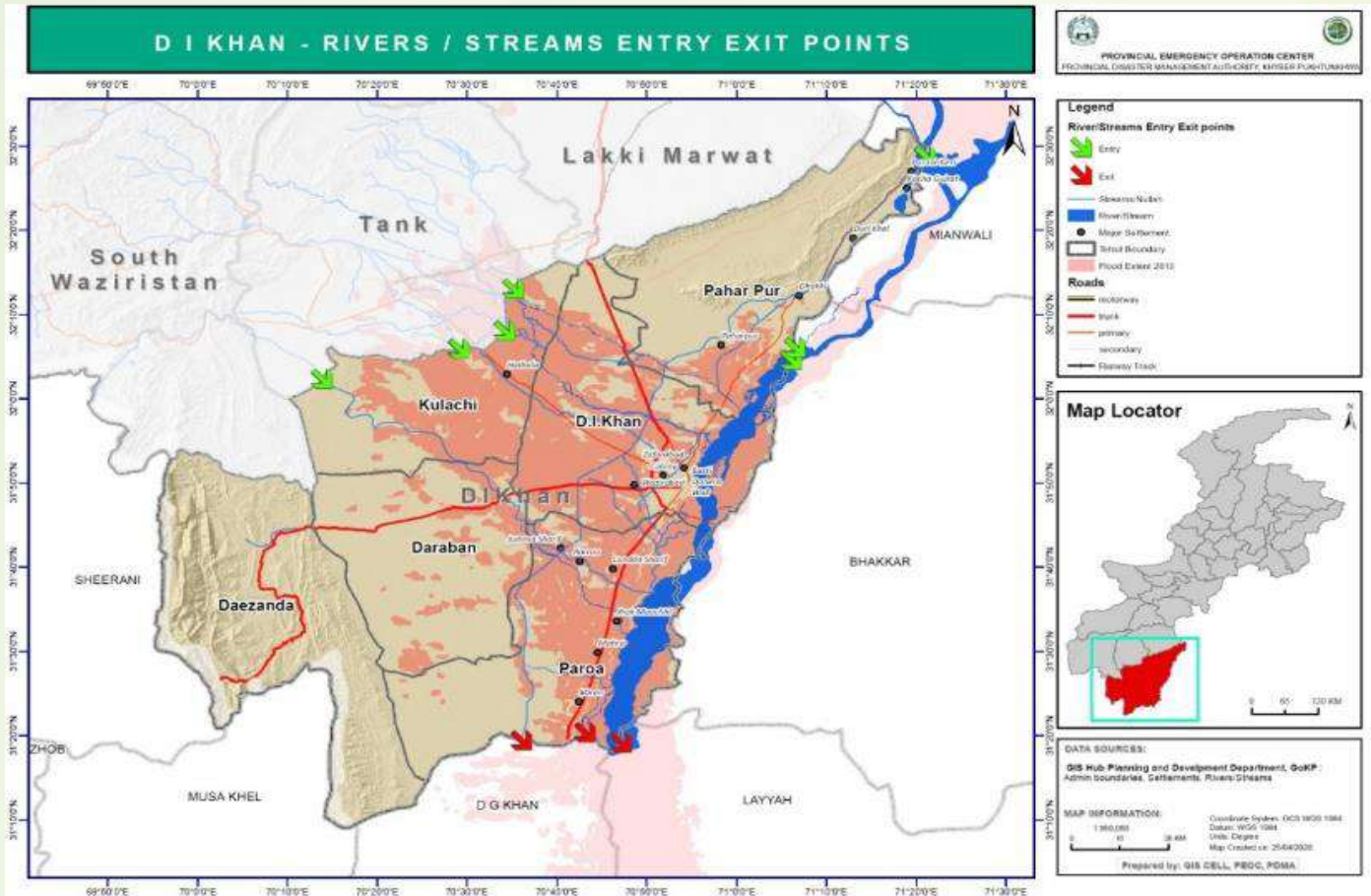
District North Waziristan			
Item	Qty	Item	Qty
Tent	304	Mosquito Net	500
Blanket	257	Iron Bed	211
Mattress	203	Pillow	202
Quilts	210	Soap	1080
Kitchen Set	202	Search Light	40

Available Relief Funds: Rs. 13,820,528/-

4.2 DI KHAN DIVISION

1. District D.I. Khan

Total Area	7,326 Sq. KMs
Total Population	1.6 million
Sub Division	05
No. of NC's	49
No. of Village Councils	10
Vulnerable NC's/VC/UC	Kath Garh Sharqi, Saidu Wali, Kotla Lodhian, Kachi Kath Garh Gharbi, Kirri Khaisore, Kacha Shumali, Khel Kocha, mer Khel Paca, Bilot Sharif, Noor Pur Shumali, Kirri Khaisor acca, Bagi Qamar (Paharpur), Syed Alian, Kachori, Fateh Jai, Awan, Shah Kot, Mitha Pur, Thattal, Saggi Shumali, Shah Dau, Kala Gorh, Rang Pur, Paharpur-II, Paharpur, Wanda Gandair, Katta Khel, Rehmani Khel, Hafiz Abad, BiGhwani Shumali, Katchi Paharpur, Mian Wadda, Band Korai-02, Wanda Khaliq Shah, Rodi Khel, Paniyala Janobi, Paniyala-1, Paniyala Shumali, Wanda Khan Muhammad, Paniyala, Malana, Roda, Qayum Nagar, Daraban Khur, Lunda Sharif, Juma Sharif, Rangpoor janoobi, Adil Sipra, Naivailah, Roshid, Jatta, VC Malakhi, VC Fateh Ali, Kirri Shamoza, Rind, VC Mangal, VC Ramak, Ghumsan, Kernal Sher Khan, Miran, Chandni, Bhutaser, Mahrah, Sikandar Janoobi, Miali, Kaheeri, Basti Ali, NC Paroa, Parao-I, Parao-II, Babbar Kacha, Kech, Mukeem Shah, Mandhran Kalan, Kachi Paind Khan, Jhok Basharat, Rakh Kangan Kokar, Zafraabad, Zafraabad2, Achra, Hayat, Jhok qureshi, Saggi Janubi, Hissam, Kotla Saidan, Bhuki, Kori Hote, Daraban 1, Daraban Ward 2, Gandhi Umer Khan, Kot Essa Khan, Gandhi Essab, Gandhi Ashiq, Saggi, Chodwan, Gara Nahor, Tarkhoba, Kottaga, Musazai Sharif, Kikri, Zarni Khel, Ranazai, Behloul Khel, Gara Guldad, Looni, Rori, Ibrahim Zai Town, Barra Khel, Takwara, Hathala, Mirbazi, Maddi, Kot Dolat, Kat Garh, DargahWala, Haroon Abad and Shade Wala, Kat Garh, Dargah Wala, Haroon Abad and Shade Wala, Saidu Waliand Jarra,
Vulnerable Population (worst case scenario)	1,363,973
Neighboring Districts	Tank, Lakki Marwat, Bhakar, Mianwali, South Waziristan
Monsoon induced Hazards	Heavy Rain, Flash floods, Urban Floods, Reverinne Flooding and Hill Torrents
Compensation Paid (3 years)	3.242M
Weather/Climate	Hot Dry Arid Zone
Major Rivers/Nulla's/ Khwarh River	River Indus
GPS Coordinates	31.8626° N, 70.9019° E
Altitude	165 m



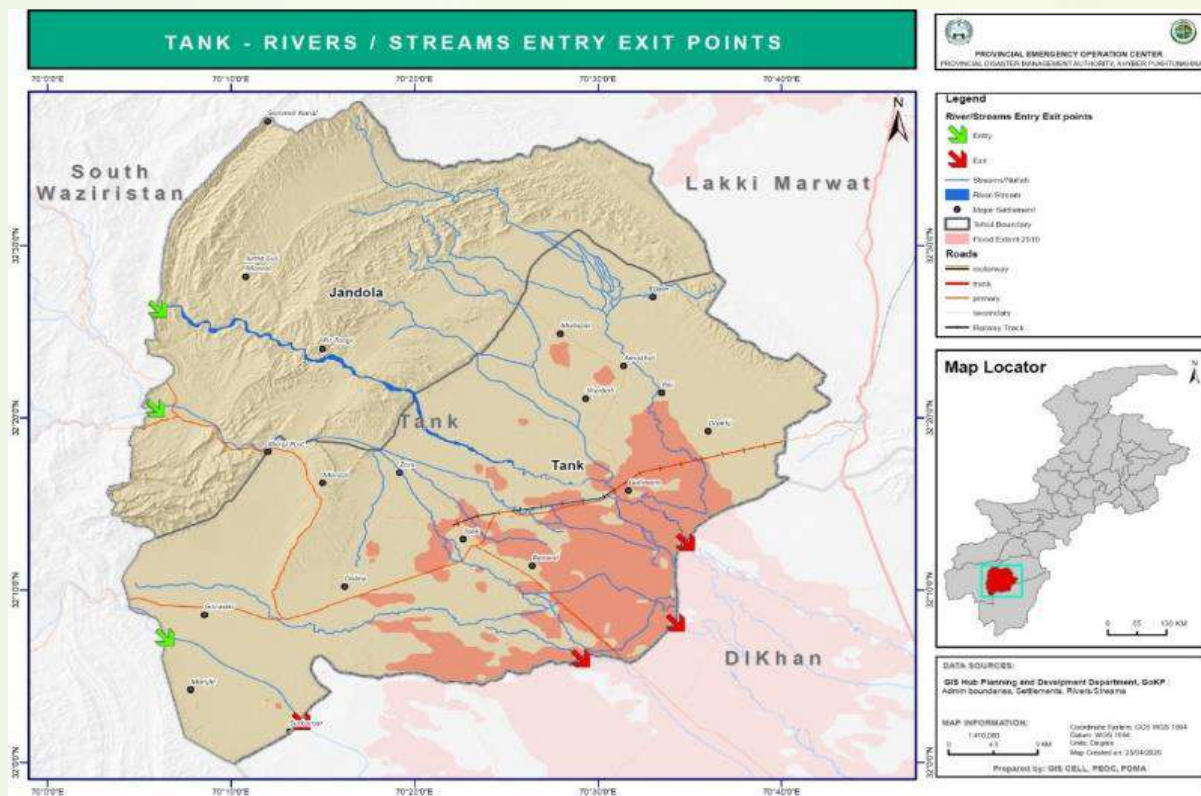
Available Relief Items for Monsoon 2021:

District DI Khan			
Item	Qty	Item	Qty
Tent	648	Mosquito Net	2060
Blanket	494	Iron Bed	1277
Mattress	519	Pillow	972
Generator	5	Jerry Kan	200
Quilts	979	Soap	1080
Kitchen Set	435	Life Jacket	300
Hygien Kit	600	Search Light	100
Tarpaulin Sheet	300		

Available Relief Fund for Monsoon 2021: Rs. 27,435,904/-

2. District Tank

Total Area	1679 Sq. KMs
Total Population	Population of District Tank = 391885 and the Tribal Sub Division Tank = 36389
Sub Division	01
No. of Village Councils	03
Vulnerable NC's/VC/UC	Tank
Vulnerable Population (worst)	45000
Neighboring Districts	DI Khan, South Waziristan and Lakki Marwat
Monsoon induced Hazards	Flash Floods
Compensation Paid (3 years)	28.855M
Weather/Climate	Extreme weather conditions in summer and in winter
Major Rivers/Nulla's/ Khwarh	Tank Zam and River Gomal
Altitude	849 ft from Mean Sea Level





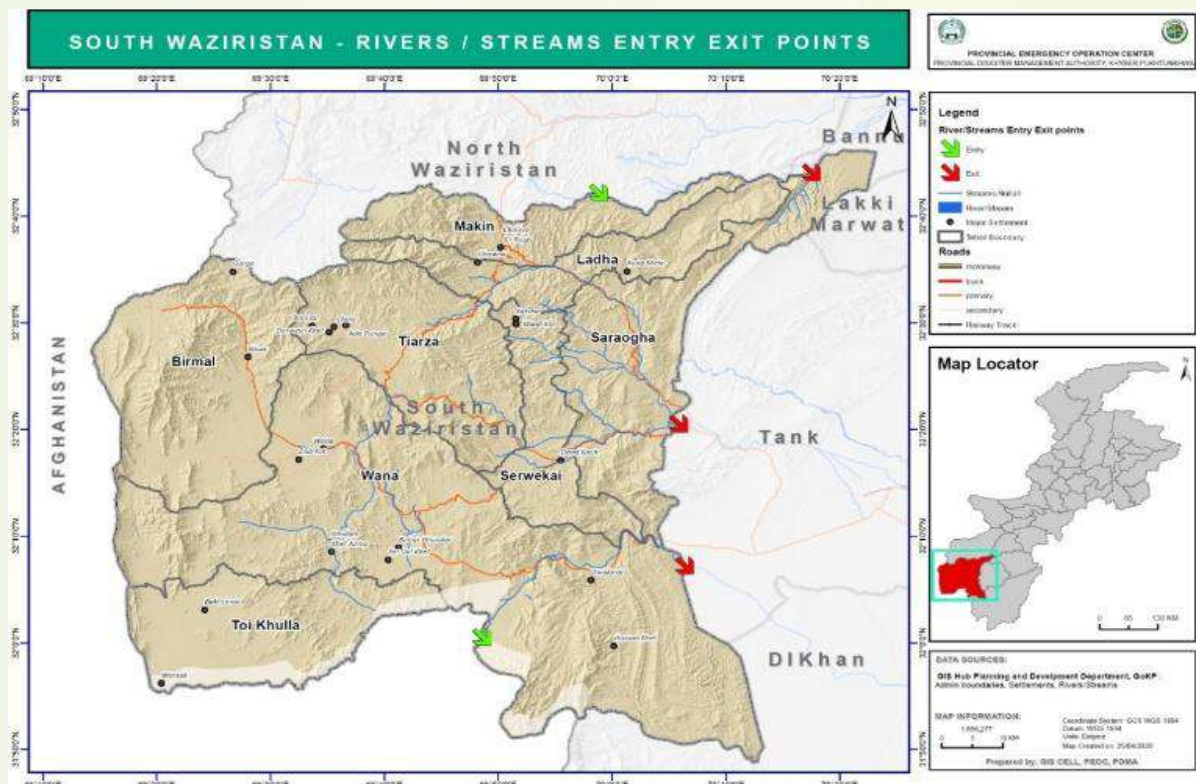
Available Relief Items for Monsoon 2021:

District Tank			
Item	Qty	Item	Qty
Tent	265	Mosquito Net	250
Mattress	200	Soap	1080
Plastic Mat	248	Hygien Kit	216
Quilts	137	Tarpaulin Sheet	235
Kitchen Set	250		

Available Relief Fund for Monsoon 2021: Rs. 20,841,400/-

3. District South Waziristan

Total Area	6619 Sq KMs
Total Population	6,79,185 (Census 2017)
Sub Division	03 Sub Divisions i.e. Ladha Sub Division, Sarwakai Sub Division and Wana Sub Division
Vulnerable NC's/VC/UC	Tauda China Tehsil Makin, Shaktoi Area Tehsil Ladha, Shawal Tehsil Shawal, Wana Tehsil Wana, Tiarza Tehsil Tiarza, Sarwakai and Tehsil Sarwakai
Vulnerable Population (worst case scenario)	7400
Neighboring Districts	North Waziristan, Lakki Marwat, Zhob Balochistan and District Tank
Monsoon induced Hazards	Landslides,Flash Floods, Hail storms and Thunder Storms
Compensation Paid (3 years)	5.1M
Weather/Climate	Cold Weather and Snowfall in upper areas in the winter while Rainy Season in the summer.
Major Rivers/Nulla's/ Khwarh River	Shahoor Algad, Bangesh Wala Algad, Baddar Algad, Halal Algad, Toorwam Algad, Dwatoi Algad, Nano Algad, Dana Algad, Wacha Khurra Algad, Wana Toi Algad, Khaisorah Algad, Tank Zam Algad and Makin Algad
GPS Coordinates	Latitude 69.8597° E Longitude 32.3202° N,
Altitude	1,387 meters (4,551 ft)





Available Relief Items for Monsoon 2021:

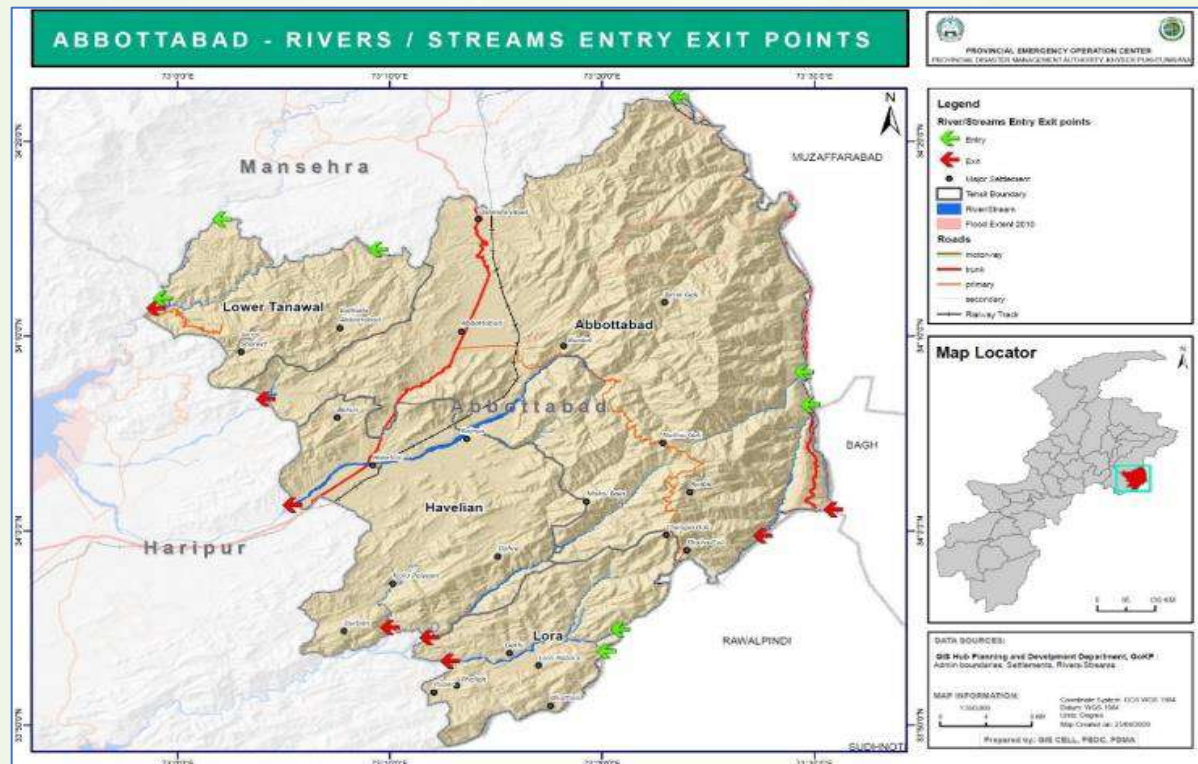
District South Waziristan			
Item	Qty	Item	Qty
Tent	329	Pillow	1139
Blanket	884	Soap	1080
Mattress	559	Hygien Kit	401
Quilts	645	Tarpaulin Sheet	500
Kitchen Set	483		

Available Relief Fund for Monsoon 2021: Rs. 8,400,000/-

4.3 HAZARA DIVISION

1. District Abbottabad

Total Area	1967 Sq Km
Total Population	1.33 million
Sub Division	01
No. of NC's	51
No. of Village Councils	209
Vulnerable NC's/VC/UC	Kehal Urban, Bassian Beerote, Tajwal Nathiagali, Riala
Vulnerable Population (Caseload for worst case scenario)	97,000
Neighboring Districts	Haripur and Mansehra, Muzaffarabad, Rawalpindi
Monsoon induced Hazards	Flash Floods, Urban Floods, Riverine Floods, Hail Storms and Landslides
Compensation Paid (3 years)	38.2272M
Major Rivers/Nulla's/ Khwarh River	Daur, River Harno, Jab Nullah
GPS Coordinates	34°00'N 73°00'E
Altitude	1,256 m (4,121 ft)





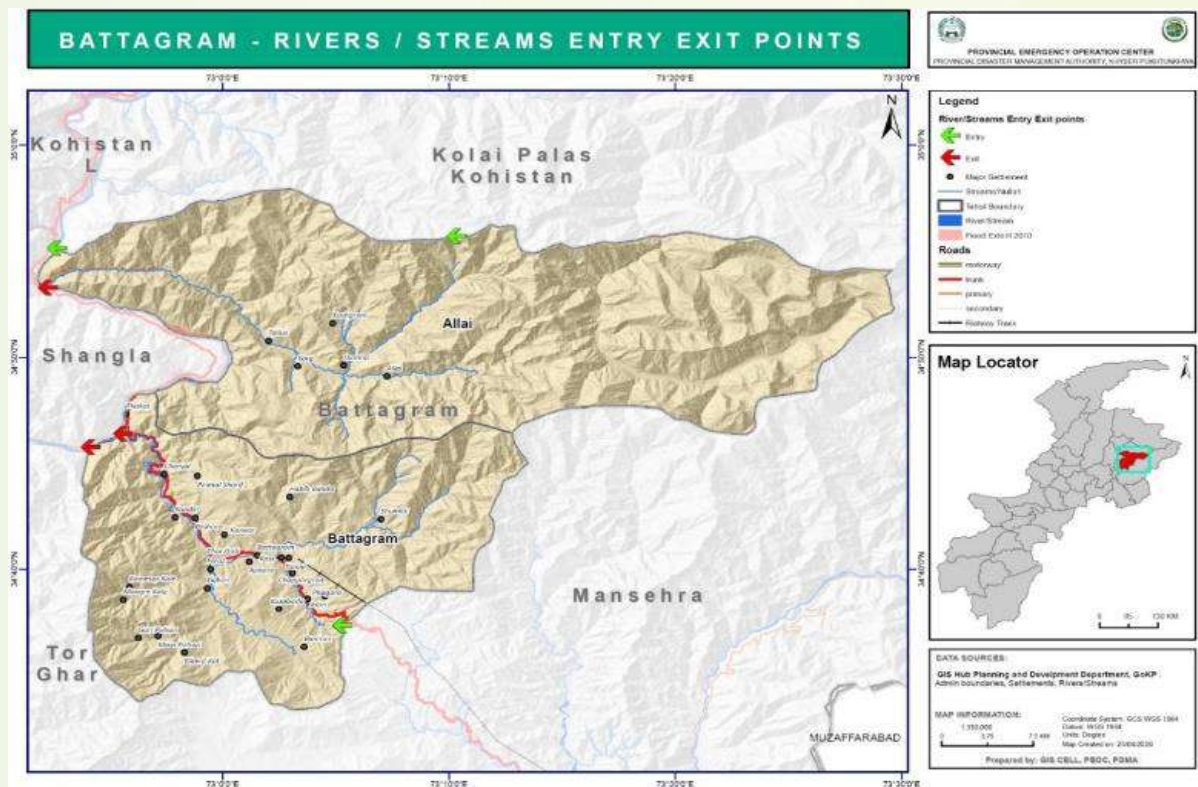
Available Relief Items for Monsoon 2021:

District Abbottabad			
Item	Qty	Item	Qty
Tent	345	Mosquito Net	236
Blanket	475	Iron Bed	51
Mattress	355	Pillow	376
Generator	5	Soap	1000
Plastic Mat	300	De-Watering Pump	2
Quilts	300	Search Light	25
Kitchen Set	267	Tarpaulin Sheet	324
Hygien Kit	200		

Available Relief Fund for Monsoon 2021: Rs. 30,328,905/-

2. District Battagram

District Name	Battagram
Total Area	1500 (Sq KMs)
Total Population	478000
Sub Division	02
No. of NC's	11
No. of Village Councils	79
Vulnerable NC's/VC/UC	Thakot, Trand, Peshora, Gijbori, Kuzabanda, Sakargah, Rashang, Pashto, Shamlai, Rajdhari, Battamori, Hothal Bathkol, Jambera, Banna, Biari, Bateela
Vulnerable Population	142,117
Neighboring Districts	Kohistan, Mansehra, Torghar, Shangla
Monsoon induced Hazards	Monsoon Rains, Flash Floods, Riverine Flooding, Hail Storms, Thunder Storms and Landslides
Compensation Paid (3 years)	38.3M
Weather/Climate	Snowfall in December, January and February while the Monsoon rains in July, August and September. The period of April, May June, October and November always remain moderate.
Major Rivers/Nulla's/ Khwarh River	Indus River and Nandhiar Khwar
GPS Coordinates	346724° N,73.0243°E
Altitude	1,038 m





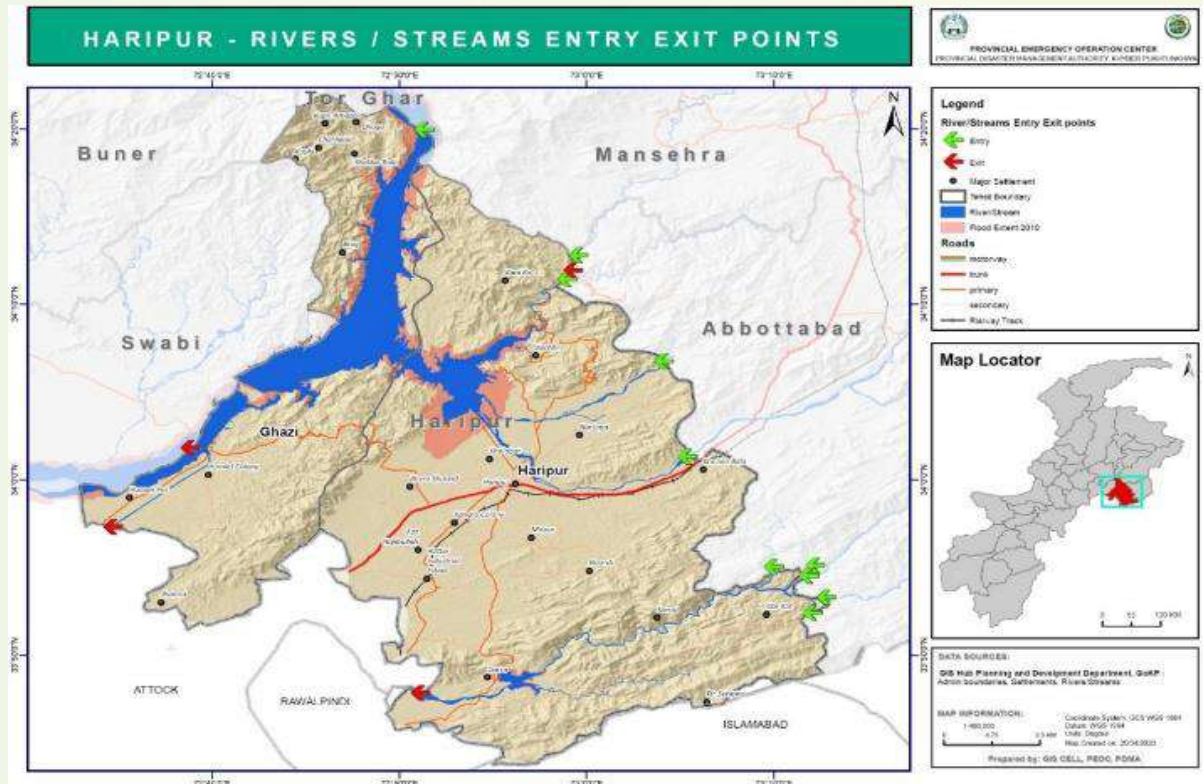
Available Relief Items for Monsoon 2021:

District Battagram			
Item	Qty	Item	Qty
Tent	105	Mosquito Net	100
Blanket	260	Iron Bed	90
Mattress	217	Pillow	50
Generator	2	Soap	1080
Plastic Mat	200	Search Light	15
Quilts	250	Tarpaulin Sheet	300
Kitchen Set	200		

Available Relief Fund for Monsoon 2021: Rs. 23,860,909/-

3. District Haripur

Total Area	1725 Sq. KMs
Total Population	1003031 (2017 Census)
Sub Division	03
No. of NC's	25
No. of Village Councils	125
Vulnerable NC's/VC/UC	Darwesh, Ali Khan, Sarai Saleh, Kot Najibullah, Khanpur, Hattar, Dehenda,
Vulnerable Population (worst case scenario)	171946
Neighboring Districts	Abbottabd, Mansehra Swabi, Attock, and Rawalpindi
Monsoon induced Hazards	Torrential Rain, Flash Floods and Hail Storms
Compensation Paid (3 years)	7.197M
Weather/Climate	Extreme weather condition in summer and in winter both
Major Rivers/Nulla's/ Khwarh River	Indus River Tarbela , Haro River Khanpur, Sarai Saleh Dour, Ali Khan Dour, Darwesh Soks, Shah Maqsood Dour, Kot Najib Ullah Soka, Gulo Bandi Soka, and Dehenda Soka
GPS Coordinates	Latitude (33.994043) Longitude (72.931911)
Altitude	520m (1,706 ft)





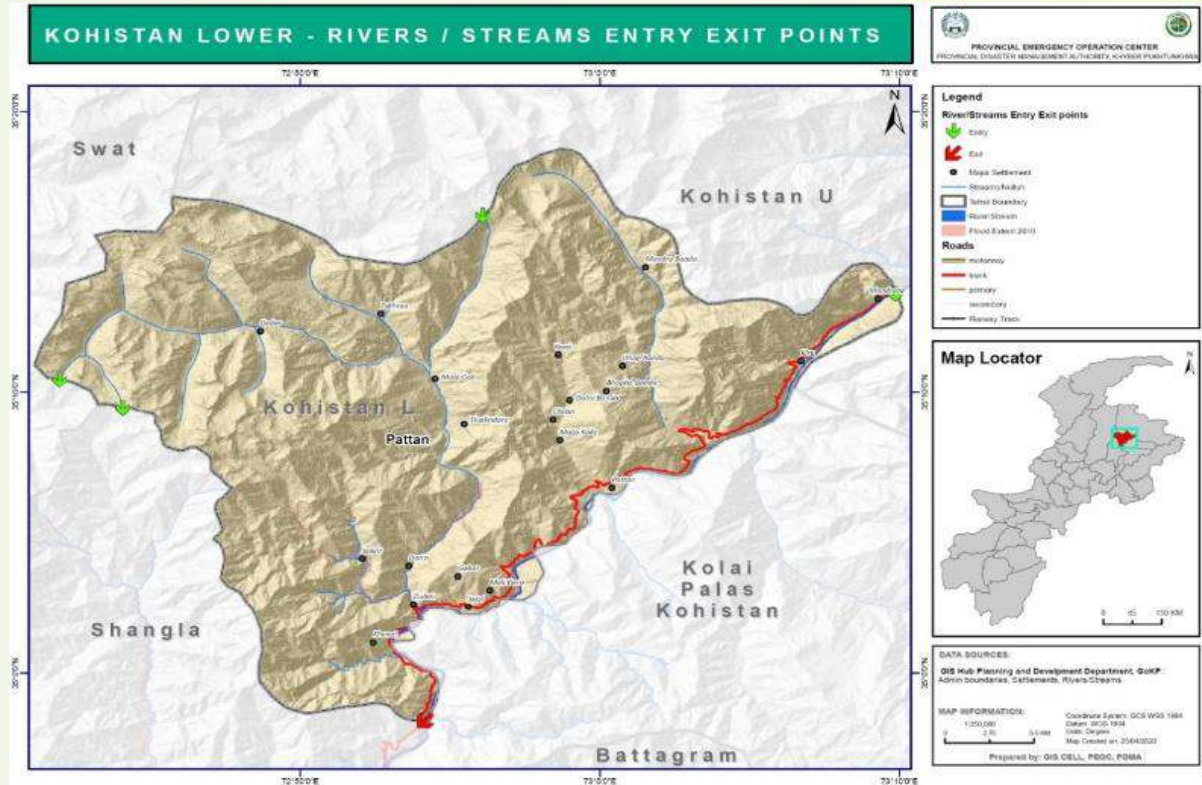
Available Relief Items for Monsoon 2021:

District Haripur			
Item	Qty	Item	Qty
Tent	325	Iron Bed	13
Blanket	142	Jerry Kan	311
Plastic Mat	231	Soap	1080
Quilts	338	Kitchen Set	150

Available Relief Fund for Monsoon 2021: Rs. 15,374,146/-

4. District Kohistan Lower

Total Area	837.5123 (Sq..KMs)
Total Population	2,02913
Sub Division	01
No. of NC's	0
No. of Village Councils	47
Vulnerable NC's/VC/UC	Keyal, Dubair, Chawadara, Chawadara, Shetan Parri, Dachi, Glozbanda, Dag, Keru and Bankad
Vulnerable Population (worst case scenario)	Data not provide
Neighboring Districts	Kohistan Upper, Kolai Pallas Kohistan and Shangla,
Monsoon induced Hazards	Heavy Rains, Cloud Bursts, Hail Storns, Land Slides, Flash Floods and Revrine Floods
Compensation Paid (3 years)	6.128M
Weather/Climate	Pleasant Summer and very cold icy winter
Major Rivers/Nulla's/ Khwarh River	Indus River.
GPS Coordinates	latitude 35.113828 Longitude 73.10518
Altitude	Lower Point is 549 meters and the Highest Point is 4793





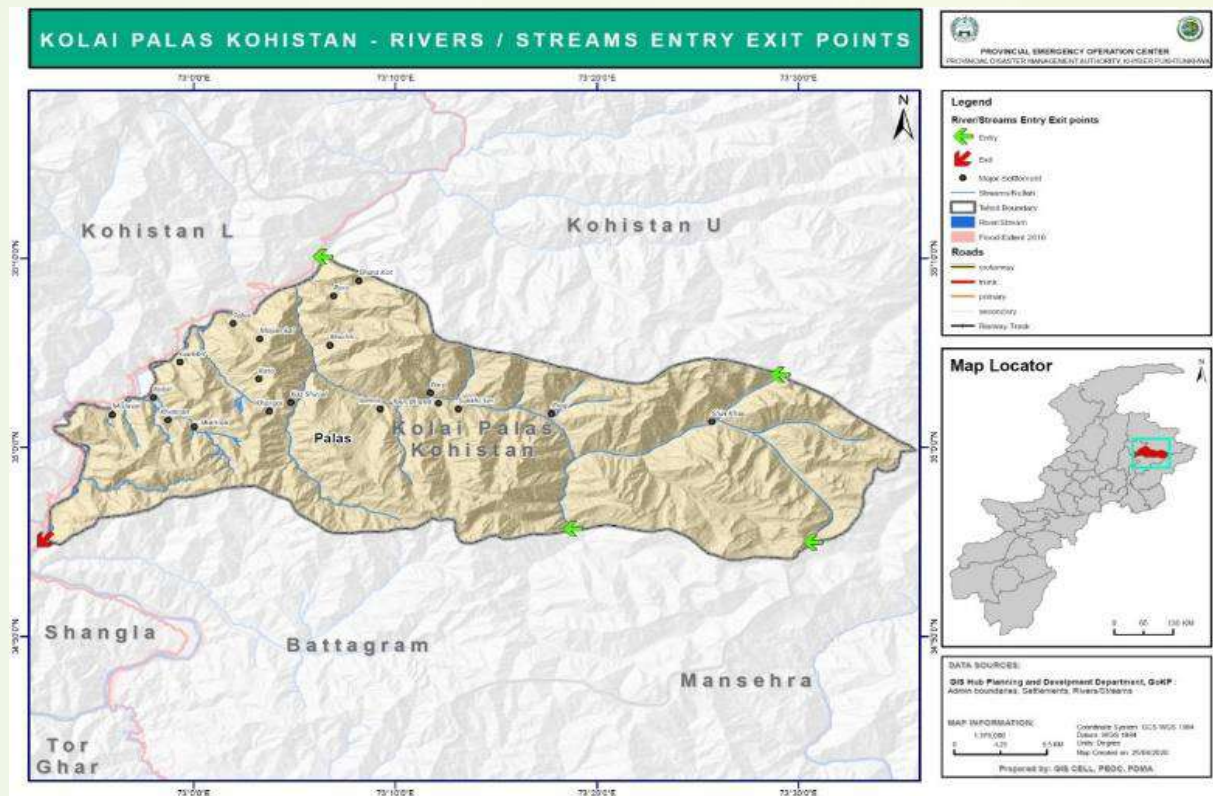
Available Relief Items for Monsoon 2021:

District Kohistan Lower			
Item	Qty	Item	Qty
Tent	500	Mosquito Net	215
Blanket	368	Jerry Kan	726
Plastic Mat	402	Soap	1080
Quilts	666	Kitchen Set	307

Available Relief Fund for Monsoon 2021: Rs. 29,448,184/-

5. District Kohistan Kolai

Total Area	1596 Sq. KMs
Total Population	275461
Sub Division	Pallas
No. of NC's	0
No. of Village Councils	13
Vulnerable NC's/VC/UC	Shalkhanabad, Sharaid, Madakhail Abad, Kuz Paro, Sheryal, Kunsher, Kolai, Khota Kot and Peach Bela
Vulnerable Population (worst case scenario)	219,951
Neighboring Districts	Kohistan Lower, Mansehra, Kohistan Upper, Shangla
Monsoon induced Hazards	Heavy Rains, Cloud Bursts, Hail Storms, Land Slides, Avalanches, Flash Floods and Revrine Floods
Compensation Paid (3 years)	13.22M
Weather/Climate	Temperature Minimum- 1 to 10 Degree Celsius and Maximum 30 to 40 Degree Celsius (extreme temperature at heights in winter)
Major Rivers/Nulla's/ Khwarh River	Mosha Nalla, Kunsher Nalla, Kolai Nalla, Sheryal Nalla, Battaira Nalla, Madakhel Nalla, Sharakot Nalla, Baro Nalla, Shahi Nalla, Ladi Nalla, Landy Nalla, Dhano Nalla, Chor Nalla, Kundal Nalla and Dewan Nalla.
GPS Coordinates	Latitude: 35:107279 Longitude: 73:004481
Altitude	It lies between 34031 to 33008 North Latitudes and 72033 to 73001 East Longitudes





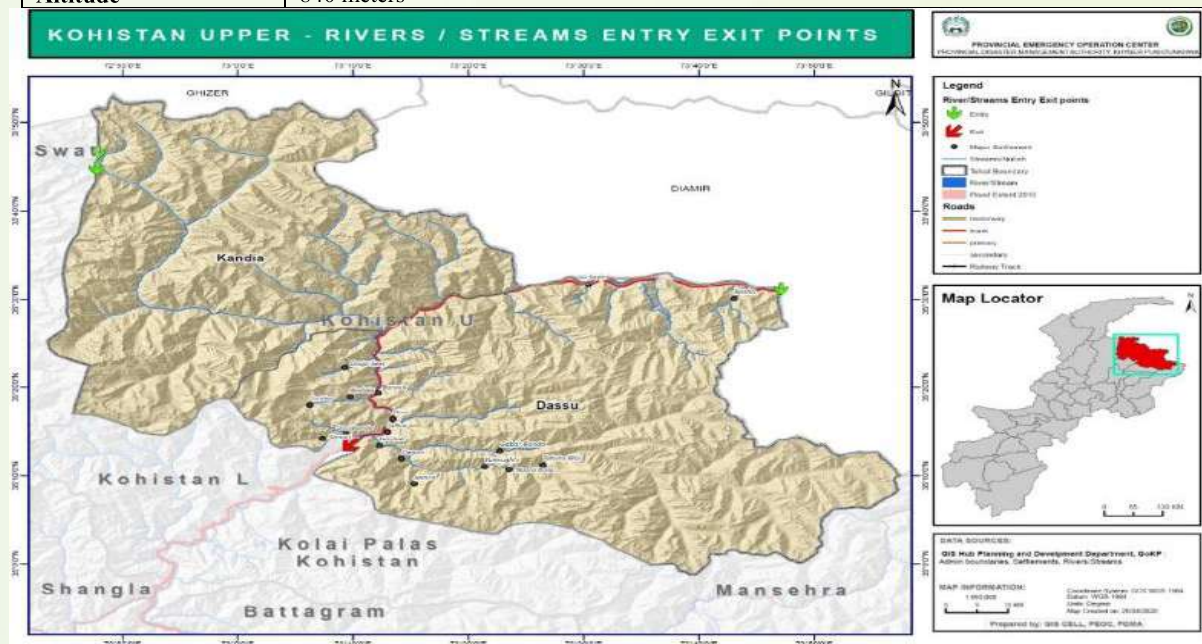
Available Relief Items for Monsoon 2021:

District Kohistan Kolai			
Item	Qty	Item	Qty
Tent	82	Mosquito Net	80
Blanket	150	Jerry Kan	89
Mattress	150	Soap	1080
Generator	3	Life Jacket	50
Plastic Mat	156	Search Light	10
Quilts	290	Hygien Kit	50
Kitchen Set	50		

Available Relief Fund for Monsoon 2021: Rs. 32,045,759/-

6. District Kohistan Upper

Total Area	3000 Sq. KMs
Total Population	306336
Sub Division	Dassu and Seo
No. of NC's	0
No. of Village Councils	61
Vulnerable NC's/VC/UC	Bariyar, BAR JALKOT, GOSHALI KOMILA, DASSU, Teyal, Chuchang, Uchar, Kuz Jalkot, Churto, Sasaak, Pashot Jalkot, Qaiser Dadair, Gujar Banda, Gabar Sair, Royi Baik, Lohi, Jhamra, Sazeen, Shuri Nalah, Sumar Nalah, Shatyal Village, Harban, Dargah, Bhasha, Gahi, Zedkhar, Sigal Rango Komila, Chechar Kuz, Seo Gawo, Gadar, Dher Gado, Razika Ashni, Siglo, Ashayal, Razika Lodhair, Chawai, Kuz Parwa, Gayal Bar, Gayal Kuz, Doga Bela, Thoti, Kafar Banda, Eleel, Serto, Kareen, Sergari, Jashoi, Seyal, Dong, Karang, Dansh, Berthi, Bagroo, Gabriel Molakhel, Shadum Khel Gabriyal, Ashpidar Maidan, Meer Shahi, Nakhto and Barigo
Vulnerable Population (worst case scenario)	291,354
Neighboring Districts	Kohistan Lower, Kolai Pallas Kohistan, Mansehra, Swat, Diamer, and Ghizer
Monsoon induced Hazards	Heavy Rains, Avalanches, GLOFs, Cloud Bursts, Hail Storms, Land Slides, Flash Floods and Revrine Floods
Compensation Paid (3 years)	7.349M
Weather/Climate	The climate of the district is warm in summer except some high areas which are also very cold in winter having snow fall and temperature generally falls below freezing point. The summer months are from May to September. The winter season starts from November and continues till March. The month of December, January and February are very cold. Monsoon reaches only the lower part of Kohistan. The rain fall is comparatively less than the neighboring districts. The rain fall in winter season is more than in summer. District experiences drastic variation in Temperature during winters and summers. In winters minimum temperature ranges from -1 °C to -10 °C and in summers maximum ranges from 30 °C to 40 °C.
Major Rivers/Nulla's/ Khwarh River	Indus River, Goshali Nala, Dong Nala, Kandia Nala, Summer Nala, Zaid Khar Nala, Uchar Nala and Sazeen Nala
GPS Coordinates	Latitude 35.16'24"N Longitude 73.13'30"E
Altitude	840 meters





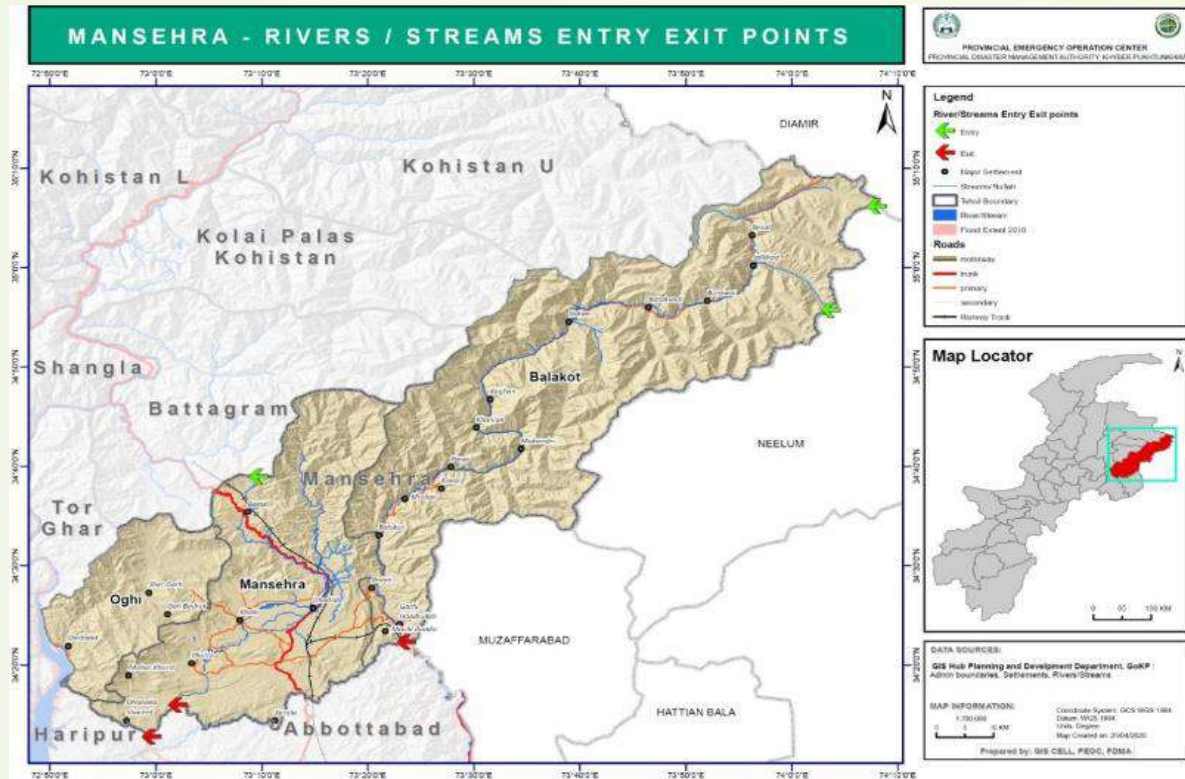
Available Relief Items for Monsoon 2021:

District Kohistan Upper			
Item	Qty	Item	Qty
Generator	1	Jerry Kan	50
Quilts	200	Search Light	100
Tarpaulin Sheet	100		

Available Relief Fund for Monsoon 2021: Rs. 9,539,891/-

7. District Mansehra

Total Area	4,579 Sq. KMs
Total Population	1556460
Sub Division	Mansehra, Balakot, Oghi, Darband and Baffa Pakhal.
No. of NC's	0
No. of Village Councils	11
Vulnerable NC's/VC/UC	Balakot, Satbani, Shohal Mazullaha, Talhata, Ghari Habibullah, Sum Elahi Mang, Bedadi, Bhogharmang, Jabori, Garlat and Ghanool
Vulnerable Population	117883
Neighboring Districts	Battagram, Torghar, Kohistan, Abbottabad, Haripur.
Monsoon induced Hazards	Heavy Rains, Cloud Bursts, Hail Storms, Land Slides, Flash Floods
Compensation Paid (3 years)	11.998M
Weather/Climate	Hot summer and cold winter
Major Rivers/Nulla's/ Khwarh River	Siran and Kunhar
GPS Coordinates	Latitude 34.334047 - Longitude 73.2017040
Altitude	1,088 meters





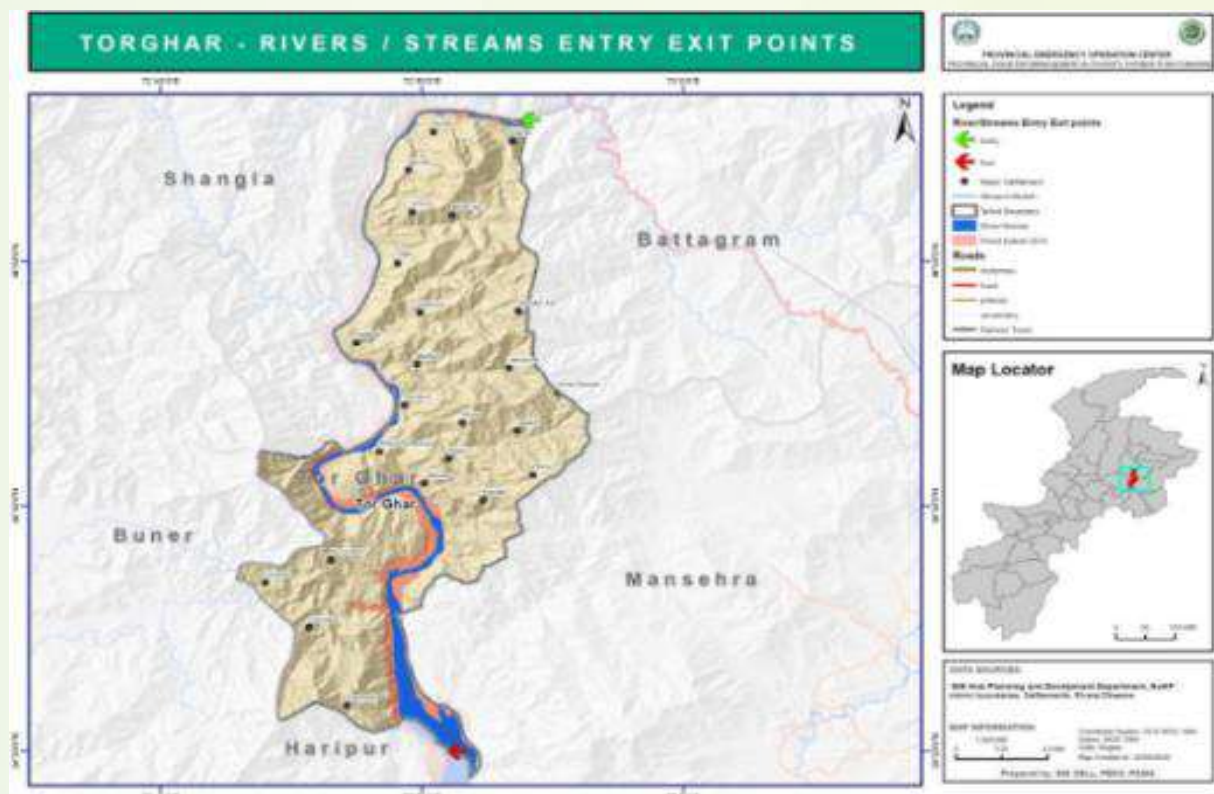
Available Relief Items for Monsoon 2021:

District Mansehra			
Item	Qty	Item	Qty
Tent	225	Pillow	85
Blanket	540	Jerry Kan	50
Mattress	250	Soap	1098
Generator	2	Life Jacket	35
Plastic Mat	610	De-Watering Pump	2
Quilts	430	Search Light	15
Kitchen Set	112		

Available Relief Fund for Monsoon 2021: Rs. 12,444,070/-

8. District Torghar

Total Area	454 Sq. KMs
Total Population	171,395
Sub Division	01 (Judba)
No. of Village Councils	12
Vulnerable NC's/VC/UC	VC Daurmera, VC Shagai, VC Balkot, VC Pakban, VC Lashora and VC Palosa
Vulnerable Population (worst case scenario)	22786
Neighboring Districts	Mansehra, Battagram, Swabi, Buner, Shangla, and Haripur
Monsoon induced Hazards	Heavy Rains, Cloud Bursts, Hail Storms, Land Slides, Flash Floods and Revrine Floods
Compensation Paid (3 years)	3.242M
Weather/Climate	The areas of the district along the Indus have an arid-subtropical climate with hot and humid summers and mildly cool winters without any snowfall. But this pattern changes to alpine climatic conditions in the east of the district where elevation ranging from 6,000-8,500 feet above the sea-level. These areas (VCs of Mangri, Kamesar, Bartooni, Tilli, Shingaldar) receive heavy rains in the monsoon and heavy snowfall in winters. Part of the district to the west of the Indus (Madakhel area) has arid-subtropical climate along the riverbank which changes to alpine with the rise of elevation in the west (Kalsoona, Kot-Madakhel).
Major Rivers/Nulla's/ Khwarh River	River Indus
GPS Coordinates	34 36'49"N 72 47'18"E
Altitude	1830 Feet above Sea Level





Available Relief Items for Monsoon 2021:

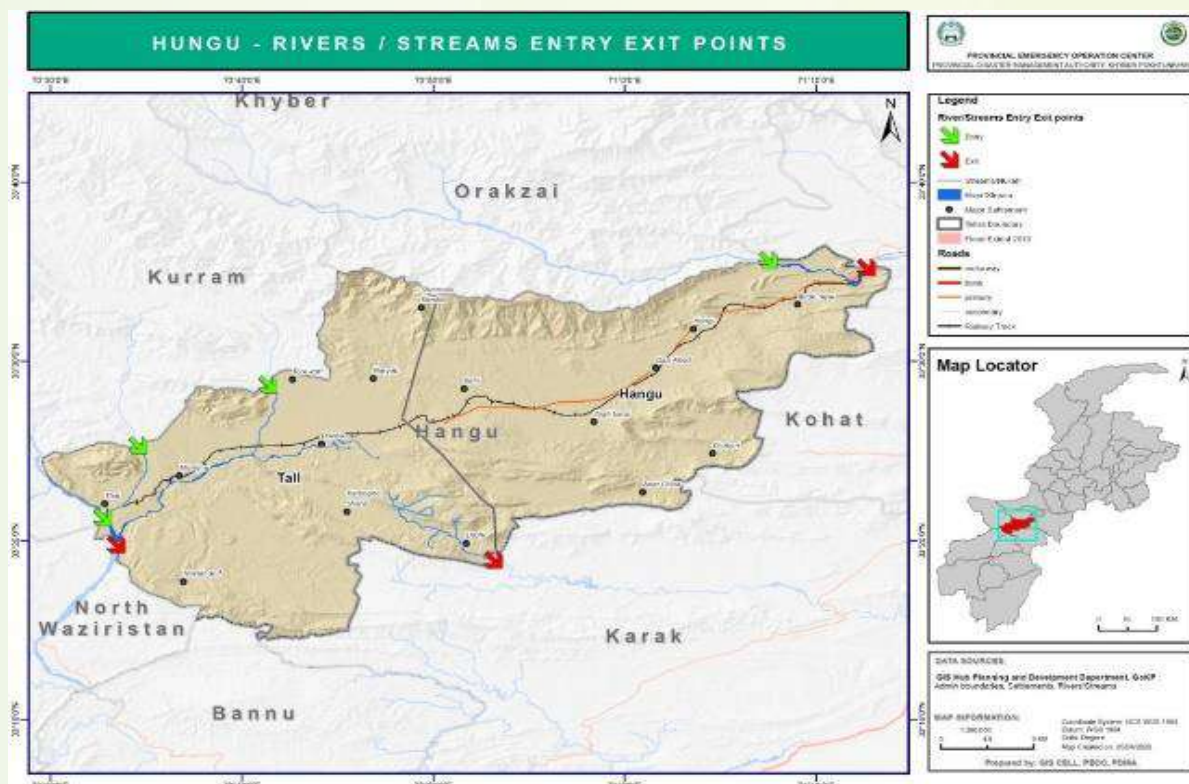
District Torghar			
Item	Qty	Item	Qty
Tent	203	Soap	1080
Mattress	105	Life Jacket	20
Plastic Mat	200	De-Watering Pump	2
Kitchen Set	203	Tarpaulin Sheet	500

Available Relief Fund for Monsoon 2021: Rs. 12,516,732/-

4.4 KOHAT DIVISION

1. District Hangu

Total Area	1097 Sq. KMs
Total Population	518,798
Sub Division	02
No. of NC's	02
No. of Village Councils	50
Vulnerable NC's/VC/UC	Khan Bari, Ganjano Kallay, Raisan, Kach, Kotki, U.C Thall Urban, U.C Thall Rural and Doaba
Vulnerable Population (worst case scenario)	114,406
Neighboring Districts	Orakzai, Kohat, Kuram and Karak
Monsoon induced Hazards	Heavy Rain, Flash Floods
Compensation Paid (3 years)	16.596M
Weather/Climate	The summers are long, sweltering, and clear and the winters are short, cold, and mostly clear. Over the course of the year, the temperature typically varies from 37°F to 102°F and is rarely below 32°F or above 109°F.
Major Rivers/Nulla's/ Kharwar River	Shahoo Khwar, Irrigation Channel, Raisan Khwar, Khanki Toyay, Kotki Khwar, Sangroba Nullah, Police Algad, Custom Algad, Starra Algada and Kake Algada
GPS Coordinates	Latitude: 33° 31' 55.13" N, Longitude: 71° 03' 34.20" E
Altitude	2,660 ft





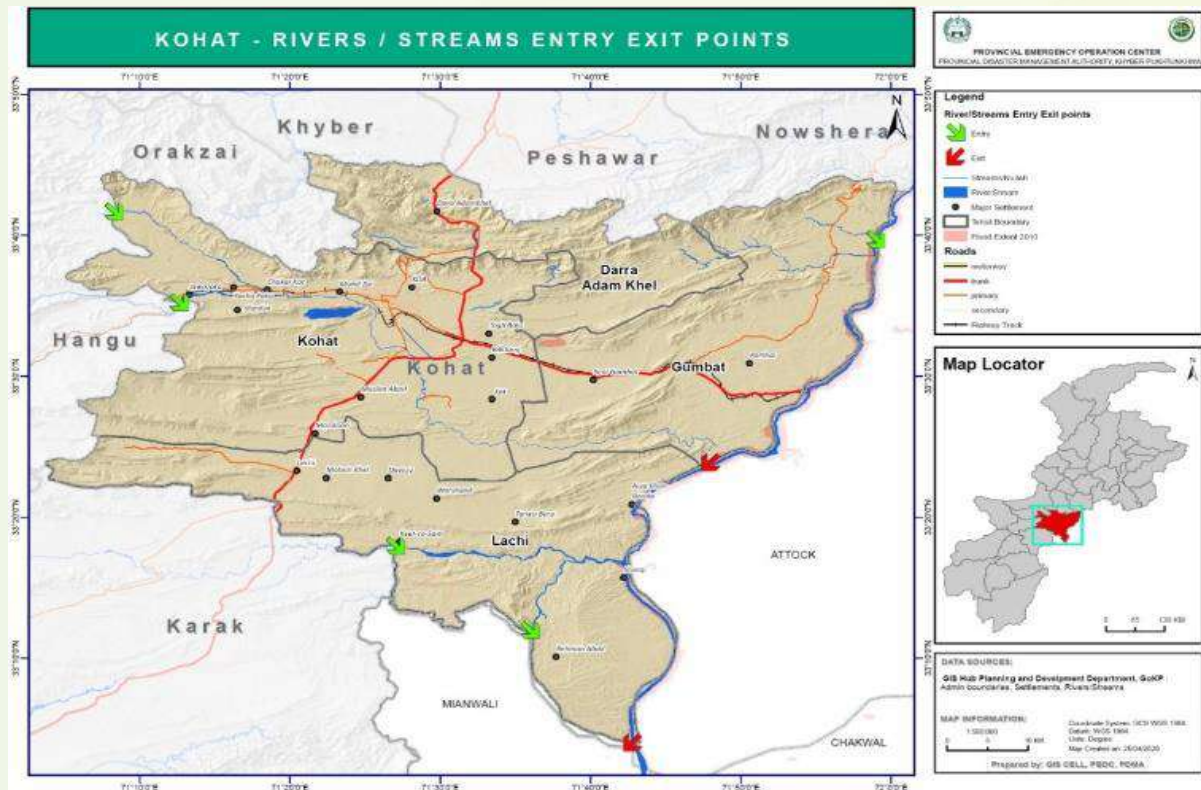
Available Relief Items for Monsoon 2021:

District Hangu			
Item	Qty	Item	Qty
Tent	85	Mosquito Net	176
Blanket	113	Tarpaulin Sheet	61
Mattress	101	Kitchen Set	78
Plastic Mat	89		

Available Relief Fund for Monsoon 2021: Rs. 16,576,399/-

2. District Kohat

Total Area	2981.3 (Sq. KMs)
Total Population	993874 (2017 Census)
Sub Division	Kohat, Lachi, Gumbat and Darra
No. of NC's	20
No. of Village Councils	71
Vulnerable NC's/VC/UC	Shakardara, Khushalgarh, Jerma, Nusrat Khel, Hafizabad, Bahadar Kot, Darmalak, Shahpur, Sudal, Usterzai and Togh Bala
Vulnerable Population (worst case scenario)	237,575
Neighboring Districts	Peshawar, Hangu, Karak, Attock, Khyber
Monsoon induced Hazards	Heavy Rain, Urban Floods and Flash Floods
Compensation Paid (3 years)	12.956M
Weather/Climate	Hot Semi-Arid Climate
Major Rivers/Nulla's/ Khwarh River	Khusalghar (River Sindh) and Rehmanabad River, Nulluah Aurakzai, Usterzai, Chennah and Sheikhan
GPS Coordinates	N.Latitude (33-35-34) E.Longtitude (71-28-43)
Altitude	Above Sea Level = 1768 feet





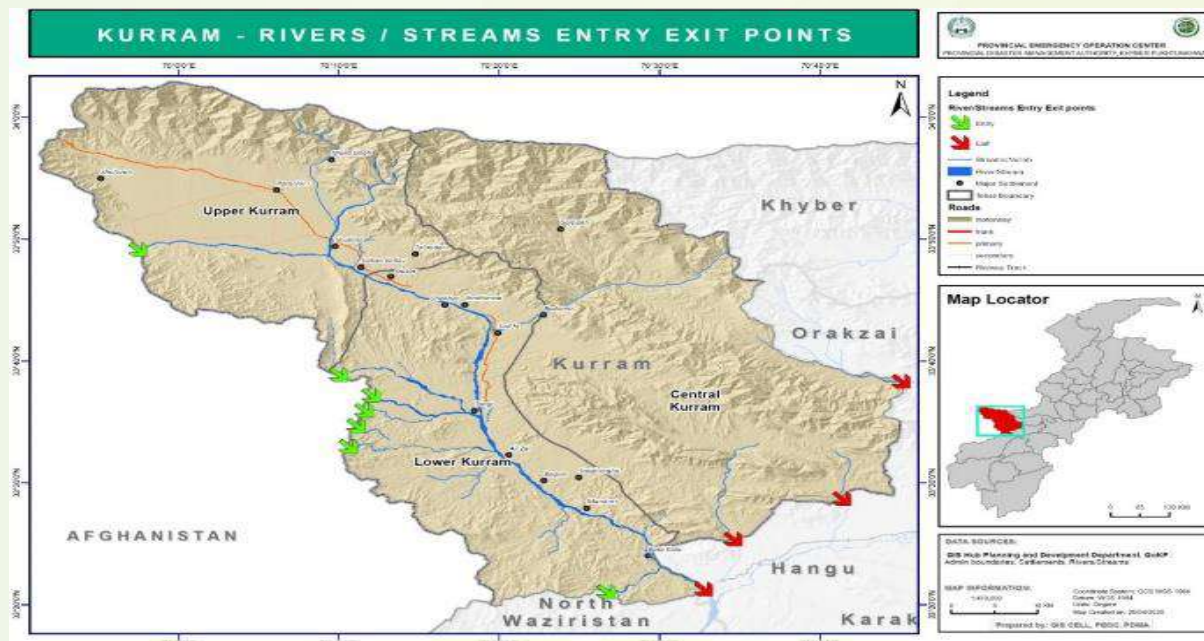
Available Relief Items for Monsoon 2021:

District Kohat			
Item	Qty	Item	Qty
Tent	224	Mosquito Net	320
Blanket	267	Pillow	88
Mattress	61	Soap	1080
Quilts	50	Life Jacket	45
Kitchen Set	72	Search Light	15

Available Relief Fund for Monsoon 2021: Rs. 7,964,715/-

3. District Kurram

Total Area	3,380 Sq. KMs
Total Population	Total = 619,553 (Census Report 2017) in which 579556 are rural while 39997 are Urban.
Sub Division	Three tehsils i.e Upper, Lower and Central Kurram
Vulnerable NC's/VC/UC	Shingak, Kharlachi Upper, Chapri, Kurmatoie Area, Sadara, Village Mangak Lower Kurram, Burki on Pekar Khor Upper Kurram, Kharchi On Istia Khor Upper Kurram, Pir Qauyum Sadda Lower Kurram, Army Colony, Hussani Colony, Warsak Areas of Lower Kurram, Kamil Baza Areas Central Kurram, Bulbalak Areas Upper Kurram, and Zera Mela of Central Kurram
Vulnerable Population (worst case scenario)	228000
Neighboring Districts	Khyber, Orakzai, Hangu, Afghanistan
Monsoon induced Hazards	Heavy Rains, Cloud Bursts, Hail Storms, Land Slides, Flash Floods and Revrine Floods
Compensation Paid (3 years)	25.51M
Weather/Climate	Climate of the valley remains pleasant mostly in summer however in winters minimum temperature is usually dropped below freezing point, occasionally mercury drop below -10 Degree Celsius. Parachinar is ranked the fourth-coldest location in Pakistan by the weather charts website "Climate-Charts" that uses data available from the World Meteorological Organization. Northern and western heights of the valley receive snow falls in winters. Much of the precipitations occur during spring and summer season. Autumn and winter are usually dry. Due to its climatic condition.
Major Rivers/Nulla's/ Khwarh River	The Kurram river is the main river while number of small streams (here in local language toie Khor) i.e Kharachi, Kirman (19 KM down streams), Torrents of Kohi Khurmana (26 KM downstream at Sadda)
GPS Coordinates	Kurram lies between 33°20' to 34°03' North Latitude and 69°50' to 70°45' East Longitudes.
Altitude	Ranging from 1000 to 4000 meters





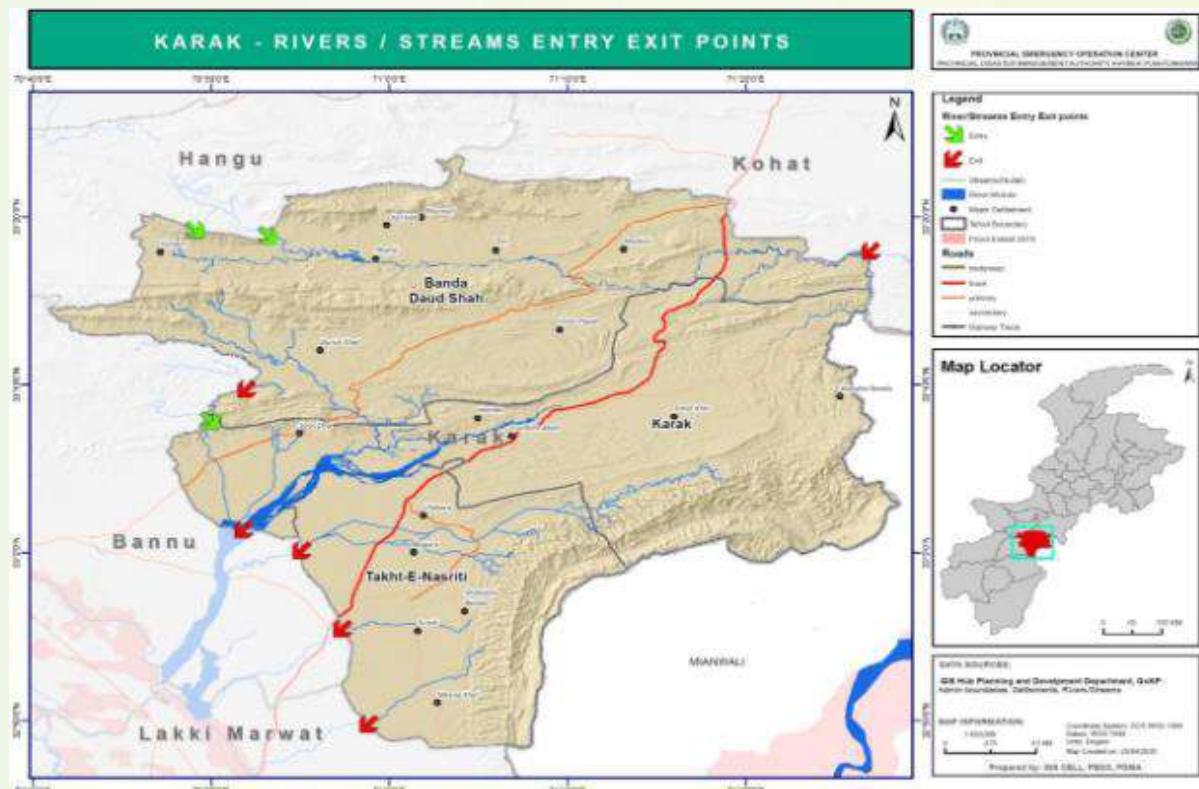
Available Relief Items for Monsoon 2021:

District Kurram			
Item	Qty	Item	Qty
Tent	66	Mosquito Net	100
Blanket	89	Jerry Kan	80
Mattress	60	Kitchen Set	69
Plastic Mat	100	Tarpaulin Sheet	49

Available Relief Fund for Monsoon 2021: Rs. 11,482,260/-

4. District Karak

Total Area	3372 Sq. KMs
Total Population	Total = 706299, Rural = 655150 (92.8%) and Urban = 51149 (7.2%). Density 210/Km, Households = 73144, Male = 349499, Female = 356863
Sub Division	Karak, T/Nasrati and Banda Daud Shah
No. of NC's	04
No. of Village Councils	57
Vulnerable NC's/VC/UC	Ghundi Mir, Khan Khel
Vulnerable Population (worst case scenario)	20,826
Neighboring Districts	Kohat, Hungu, Bannu, Mianwali and Lakki Marwat
Monsoon induced Hazards	Heavy Rains, Flash Floods
Compensation Paid (3 years)	20.8M
Weather/Climate	The four weather exist in the District.
Major Rivers/Nulla's/ Khwarh River	No river is situated in the area. After rains flash floods arise in hilly terrains moving through local stream / Algadda. In Karak, flash floods streams include Balenzeen Algada, Tarkha Algada, Khawaz Algada, Zebi Algada. In Tehsil T/Nasrati there as Lawagher Algada, Landiwaga, Machaki and Shanawa Gudi Khel and other smaller streams of flash floods. In Tehsil Banda Daud Shah, flood plains include Gurguri to Sanda Khurram flood plains, Shakardar Plains and Momi Khel to Mansooghar.
Altitude	586 meters (1923 feet)





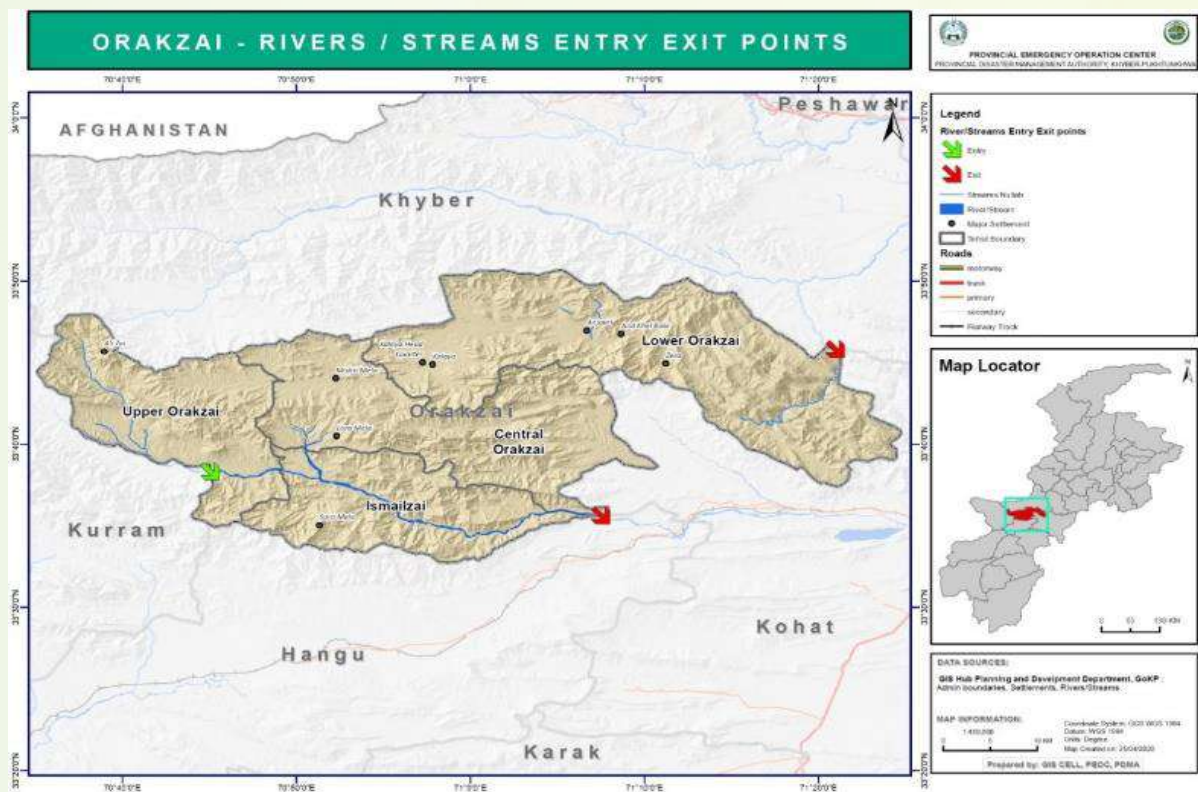
Available Relief Items for Monsoon 2021:

District Karak			
Item	Qty	Item	Qty
Tent	287	Mosquito Net	230
Blanket	168	Jerry Kan	265
Mattress	54	Soap	1080
Plastic Mat	186	Search Light	40
Quilts	170	Kitchen Set	155

Available Relief Fund for Monsoon 2021: Rs. 9,111,200/-

5. District Orakzai

Total Area	1538 Sq. KMs
Total Population	2,54,356, (Census 2017)
Sub Division	02
Vulnerable NC's/VC/UC	Mishti Bazar, Mamozai, Dabori, Takhtak and Kalaya
Vulnerable Population (worst case scenario)	28500
Neighboring Districts	Khyber, Kurrum, Hangu, and Kohat.
Monsoon induced Hazards	Heavy Rain, Flash Floods, Hail Storms
Compensation Paid (3 years)	4.6
Weather/Climate	Extreme weather conditions in Summer and in winter
Major Rivers/Nulla's/ Khwarh River	River Mastora, and Khanki
GPS Coordinates	North latitudes = 33033 to 33054, East longitude = 70036 to 71022.02





Available Relief Items for Monsoon 2021:

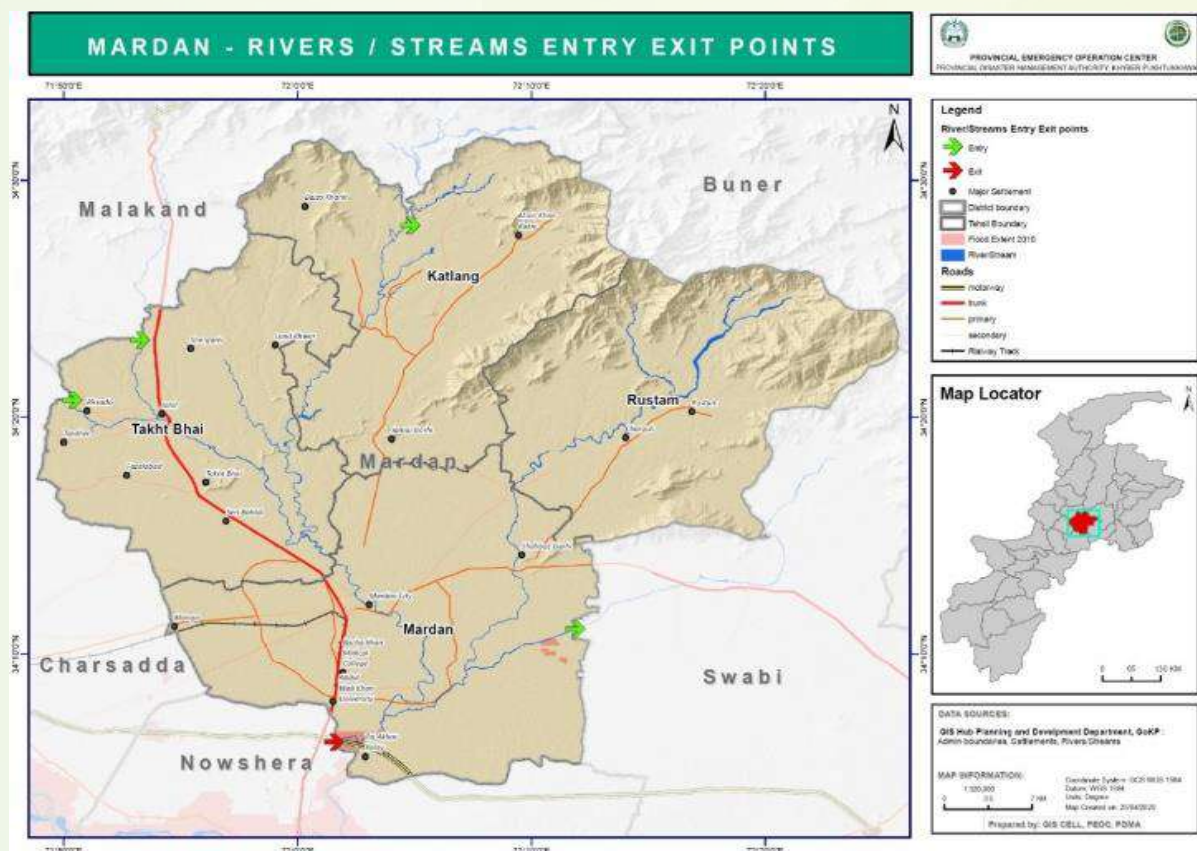
District Orakzai			
Item	Qty	Item	Qty
Tent	205	Mosquito Net	500
Blanket	300	Jerry Kan	30
Mattress	300	Soap	1080
Plastic Mat	280	De-Watering Pump	2
Quilts	340	Search Light	25
Kitchen Set	320		

Available Relief Fund for Monsoon 2021: Rs. 6,463,956/-

4.5 MARDAN DIVISION

1. District Mardan

Total Area	1632 Sq. KMs
Total Population	2373061
Sub Division	04
No. of NC's	53
No. of Village Councils	178
Vulnerable NC's/VC/UC	Toru, Dagha Piran, Mayar, kumbat, Baghdada, Sikandary, Kaskorona, Bakhshali, Garhi Ismail Zai, Gujrat and Jalala
Vulnerable Population	381,459
Neighboring Districts	05, Swabi, Charsada, Nowshera, Bunir and Malaknd
Monsoon induced Hazards	Mini Cyclone, Heavy Rain, Flash Floods, Urban Floods
Compensation Paid (3 years)	25.546M
Weather/Climate	Extreme weather condition in summer and in winter
Major Rivers/Nulla's/ Khwarh	Kalpani and Balar Nala
GPS Coordinates	34.1989° N, 72.0231° E
Altitude	310 m





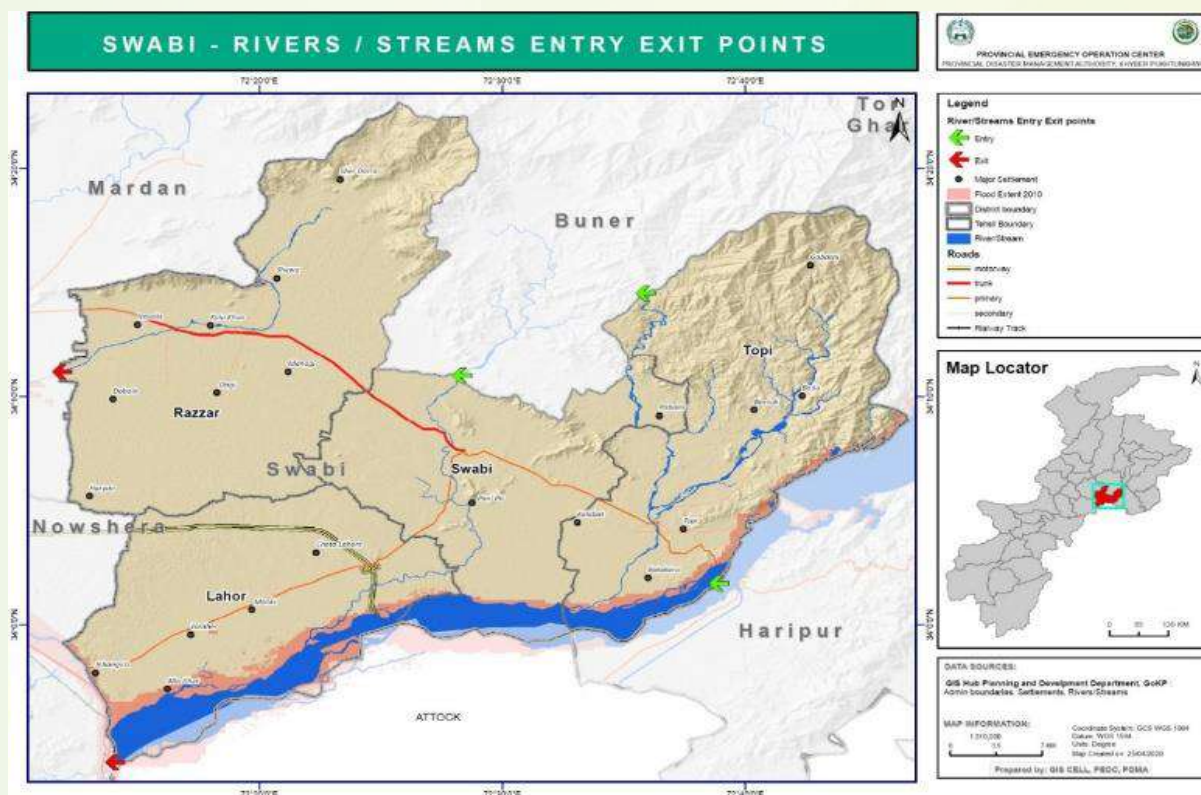
Available Relief Items for Monsoon 2021:

District Mardan			
Item	Qty	Item	Qty
Tent	101	Soap	1080
Blanket	30	Kitchen Set	148
Mattress	100	Tarpaulin Sheet	197
Plastic Mat	150		

Available Relief Fund for Monsoon 2021: Rs. 10,000,000/-

2. District Swabi

Total Area	1,543 Sq. KMs
Total Population	1,624,616 (2017)
Sub Division	Swabi and Lahor
No. of NC's	27
No. of Village Councils	133
Vulnerable NC's/VC/UC	Saleem Khan, Shagai, Pabeeni, Topi, Jehangira, Anbar, KSK, Kalu Khan, Tandkoi and Panjpir
Vulnerable Population (worst case scenario)	255,000
Neighboring Districts	Haripur, Buner, Nowshera and Mardan
Monsoon induced Hazards	Mini Cylone, Heavy Rain, Flash Floods
Compensation Paid (3 years)	37.836M
Weather/Climate	Summer, Winter, Autumn and Spring
Major Rivers/Nulla's/ Khwarh River	River Indus and River Kabul
GPS Coordinates	Latitude: 34° 06' 60.00" N and Longitude: 72° 27' 59.99" E
Altitude	340 meters





Available Relief Items for Monsoon 2021:

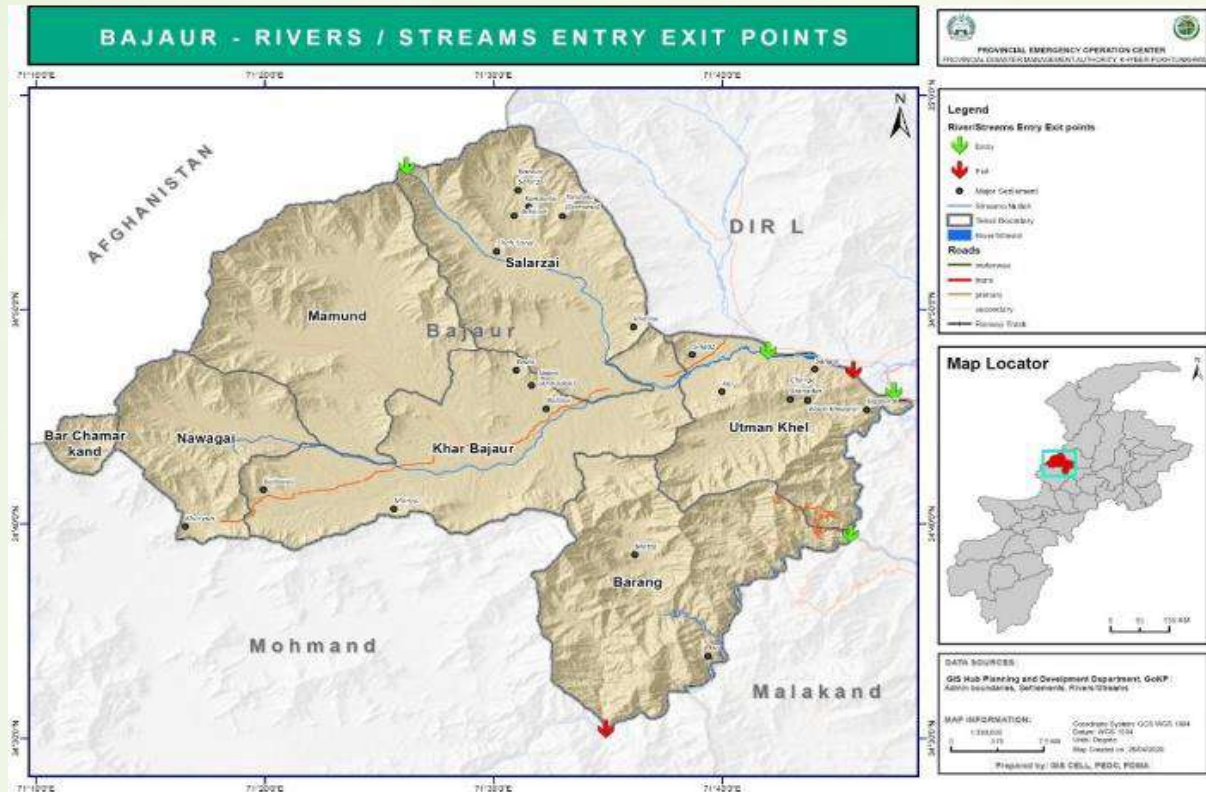
District Swabi			
Item	Qty	Item	Qty
Tent	250	Iron Bed	40
Blanket	195	Pillow	90
Plastic Mat	95	Soap	1080
Quilts	600	Life Jacket	75
Hygien Kit	146	De-Watering Pump	2
Search Light	86		

Available Relief Fund for Monsoon 2021: Rs. 7,447,319/-

4.6 MALAKAND DIVISION

1. District Bajaur

Total Area	1280 Sq KM
Total Population	1.094 Million
Sub Division	02 Sub Division (Khar and Nawagai)
No. of NC's	07
No. of Village Councils	120
Vulnerable NC's/VC/UC	Daag Korona, VC Kassai, VC Chinargo, VC Pashat, VC Loe Killi Tangi, VC Batwar, VC Tandoka, VC Chamarkand, VC Letai, VC Mena, VC Koka, VC Mannai, VC babaraa, VC Kulala, VC Serai Mirkhan, VC Ghazi Baba, VC Bado Bagh Arang, VC Targhau, VC Kohi Barang, VC Gharshamozai, VC Ghakhi Mamund, VC Nawagai Khaas, Banda
Vulnerable Population	274169
Neighboring Districts	Mohmand, Malakand, Dir, Afghanistan
Monsoon induced Hazards	Heavy Rains, Cloud Bursts, Hail Storms, Flash Floods
Compensation Paid (3 years)	26.229156M
Weather/Climate	<p>The district, due to its mountainous terrain has an extreme climate. The winter season begins in November and lasts up to March. Winters are extremely cold and sometimes from December through February the temperature plunges below freezing point. Bajaur is located at the extreme end of the Himalayan Range, which creates variation and uncertainty in the monsoon rains. Nevertheless, on account of the peculiar geographical position of the area, Bajaur does get its share of rain, with winter and spring rainfall being more predictable than rainfall at other times of the year. The main agricultural areas in the valleys of Bajaur receive about 500 mm of average rainfall per annum.</p> <p>The average annual temperature of the tribal district Bajaur varies from 40 degrees in July to -3 to -05 in December. Whereas the Autumn and Spring remains moderate i.e. between 10 to 25 degree during the year.</p> <p>Tribal district Bajaur receives approximately 800 mm average rainfall per annum. The graph of current year i.e. 2020 is about 400 mm above the average rainfall i.e. 1200 mm. More heavy rains have been predicted/ expected in the upcoming monsoon season in the tribal district.</p>
Major Rivers/Nulla's/ Khwarh River	<ol style="list-style-type: none"> Nawagai to Mandal Khwarh: It ranges from Nawagai via Loesam to Mandal and Maram Ghundai area of Tehsil Khar and finally meet with Mamund Khwarh near Khar bridge. Mamund Khwarh: It ranges from the hilly areas of Mamund, passing through Inayat Killi and Maminzo and join the Nawagai Khwah near Khar bridge as discussed above, Pashat Jar Khwarh: Its origin starts from the hilly area and springs of Salarzai especially the Gabbar Spring and passes through Pashat to Raghagan and Jar and join the Khar river at Jar area of Tehsil Khar. Jar to Munda Khwarh: All the above rivers after joining at Jar flow to Munda and meet with the river Samarbagh Munda District Dir Lower. Some small streams flow at Arang area of Tehsil Utmankhel and Tehsil Barang.
GPS Coordinates	The latitude for the Tribal District Bajaur, Pakistan is: 34.856902 and the longitude is: 71.429936.
Altitude	Due to the factor of attachment with the ranges of Himalaya, Tribal District Bajaur is a considerable height from the Sea level. Its altitude is approximately 555.00m/1820.87ft



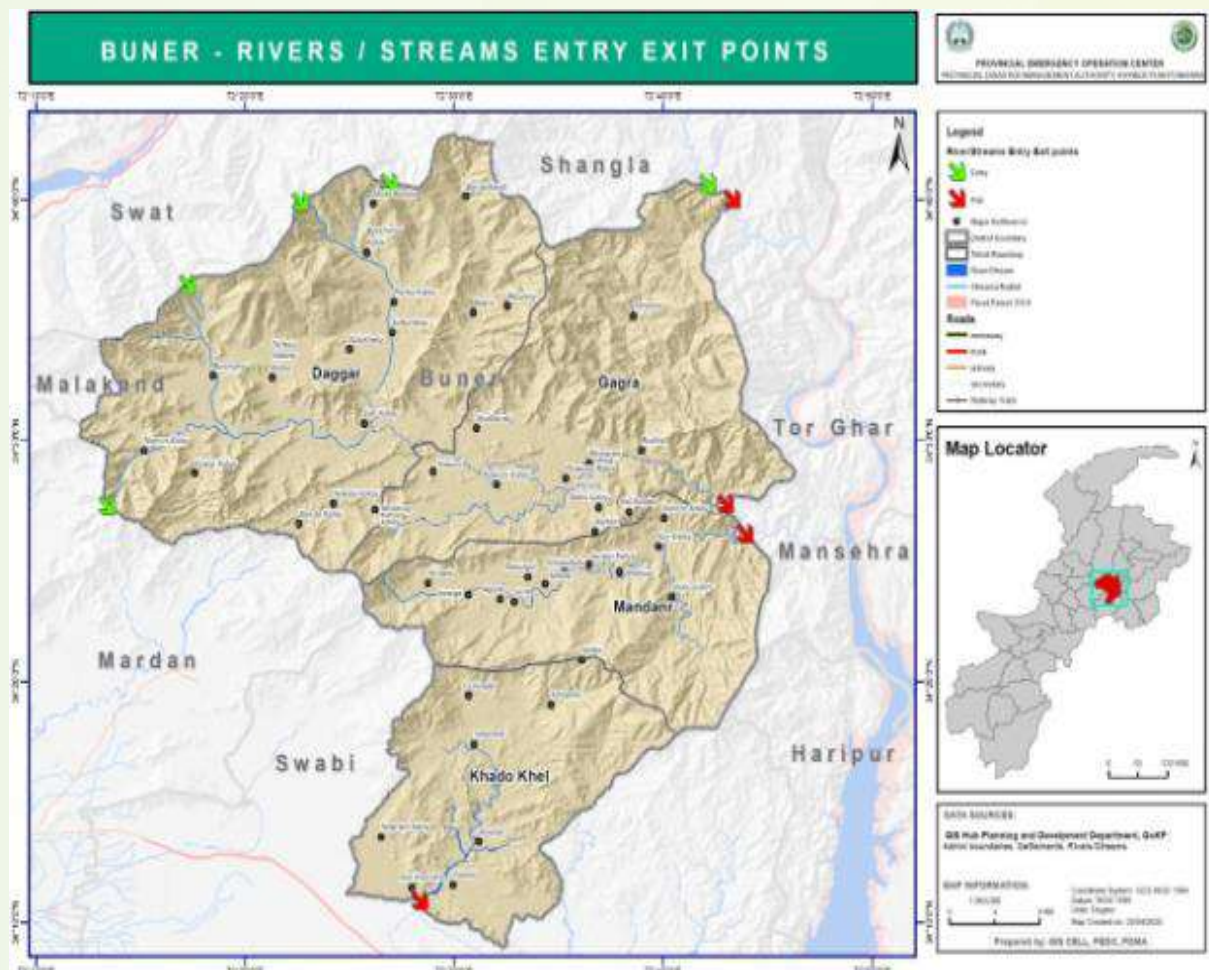
Available Relief Items for Monsoon 2021:

District Bajaur			
Item	Qty	Item	Qty
Tent	338	Mosquito Net	300
Blanket	500	Jerry Kan	60
Mattress	460	Soap	1200
Plastic Mat	500	Life Jacket	50
Kitchen Set	360	Search Light	50
Hygien Kit	350	Tarpaulin Sheet	500

Available Relief Fund for Monsoon 2021: Rs. 1,684,824/-

2. District Buner

District Name	Buner
Total Area	1,865 Sq. KMs
Total Population	8,97,319
Sub Division	06
No. of NC's	0
No. of Village Councils	105
Vulnerable NC's/VC/UC	Elam Hills, UC Malakpur, Rega Village, UC Rega, Pirbaba Bazar, UC Pacha and UC Batara River
Vulnerable Population	16330
Neighboring Districts	Malakand, Swat, Shangla, Torghar, Haripur, Swabi, Mardan
Monsoon induced Hazards	Heavy Rains, Hail Storms, Land Slides, Flash Floods
Compensation Paid (3 years)	45.55M
Weather/Climate	Extreme Winter and Average Summer
Major Rivers/Nulla's/ Khwarh River	Barandu Khwarh is the main river in the district
GPS Coordinates	South = Lat 34.149102 Long 72.538877, North = Lat 34.710557 Long 72.500219, East = Lat 34.474248 Long 72.770271, West = Lat 34.455925 Long 72.222839
Altitude	Highest point = 2404 m , Lowest point= 370 m





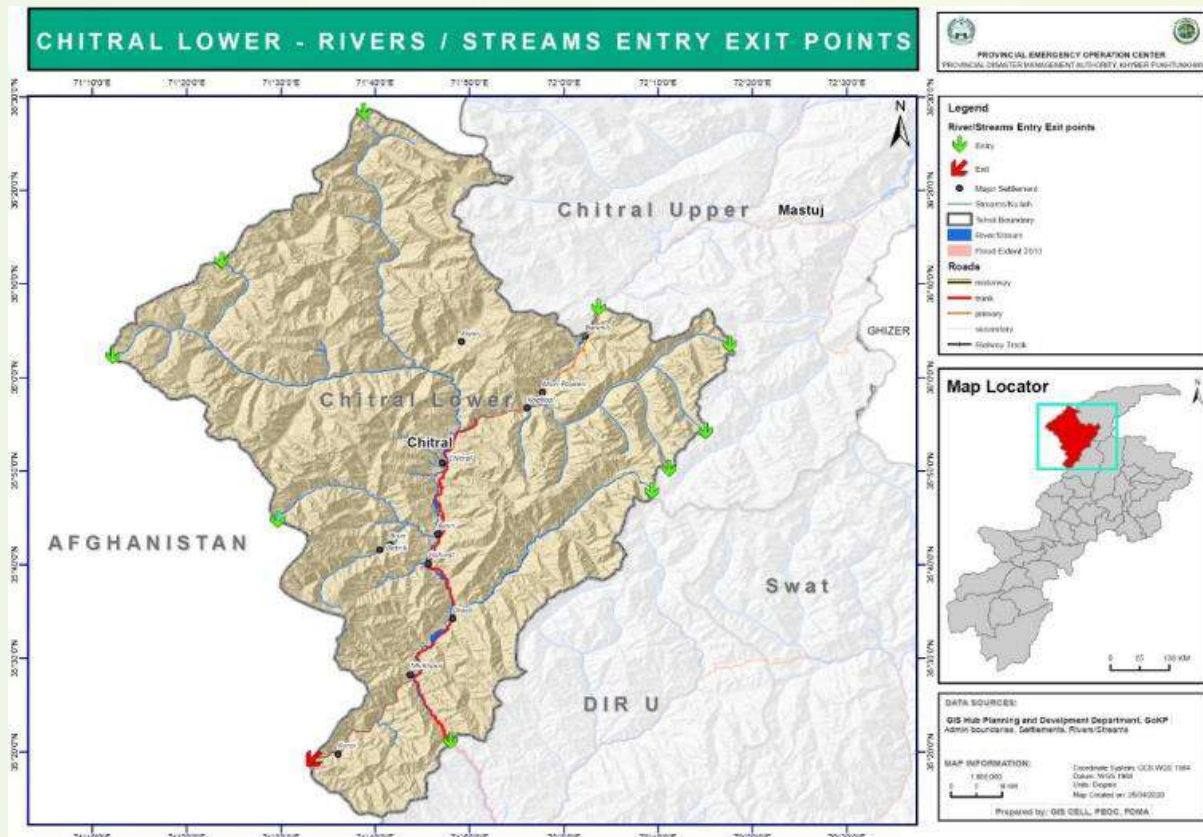
Available Relief Items for Monsoon 2021:

District Buner			
Item	Qty	Item	Qty
Tent	359	Iron Bed	60
Blanket	300	Soap	1080
Mattress	155	Life Jacket	25
Generator	3	De-Watering Pump	2
Plastic Mat	300	Search Light	50
Quilts	520	Hygien Kit	400
Kitchen Set	300	Tarpaulin Sheet	300

Available Relief Fund for Monsoon 2021: Rs. 21,680,266/-

3. District Chitral Lower

Total Area	6458 Sq. KMs
Total Population	259469
Sub Division	01
No. of NC's	0
No. of Village Councils	25
Vulnerable NC's/VC/UC	Ayun, Bumborate, Rumboor, Birir, Madaklasht, Kalas, Tar, Pursad, jingerate, Sweer, Ursoon, Arandu Gol, Damel, Orghioch, Seen, Jughoor, Golain, Broze, Chumurkon, Shoghore, Arkari, Beshgram and Susum
Vulnerable Population (worst case scenario)	46284
Neighboring Districts	Dir Upper, Chitral Upper, Swat
Monsoon induced Hazards	Heavy Rains, GLOF, Avalanches, Cloud Bursts, Hail Storms, Land Slides, Flash Floods and Revrine Floods
Compensation Paid (3 years)	22.096M
Weather/Climate	Moderate
Major Rivers/Nulla's/ Khwarh River	Chitral River, Lotkoh River, Bumborate Nalla, Shishikoh Nalla, Shoghore Nalla, Golain Nalla, Drosh Gol, Chitral Gol Nalla, Shali Gol, Karimabad Nalla, Arkari Nalla and Biori Nalla
GPS Coordinates	35.7699° N, 71.7741° E
Altitude	3500-25289 Ft





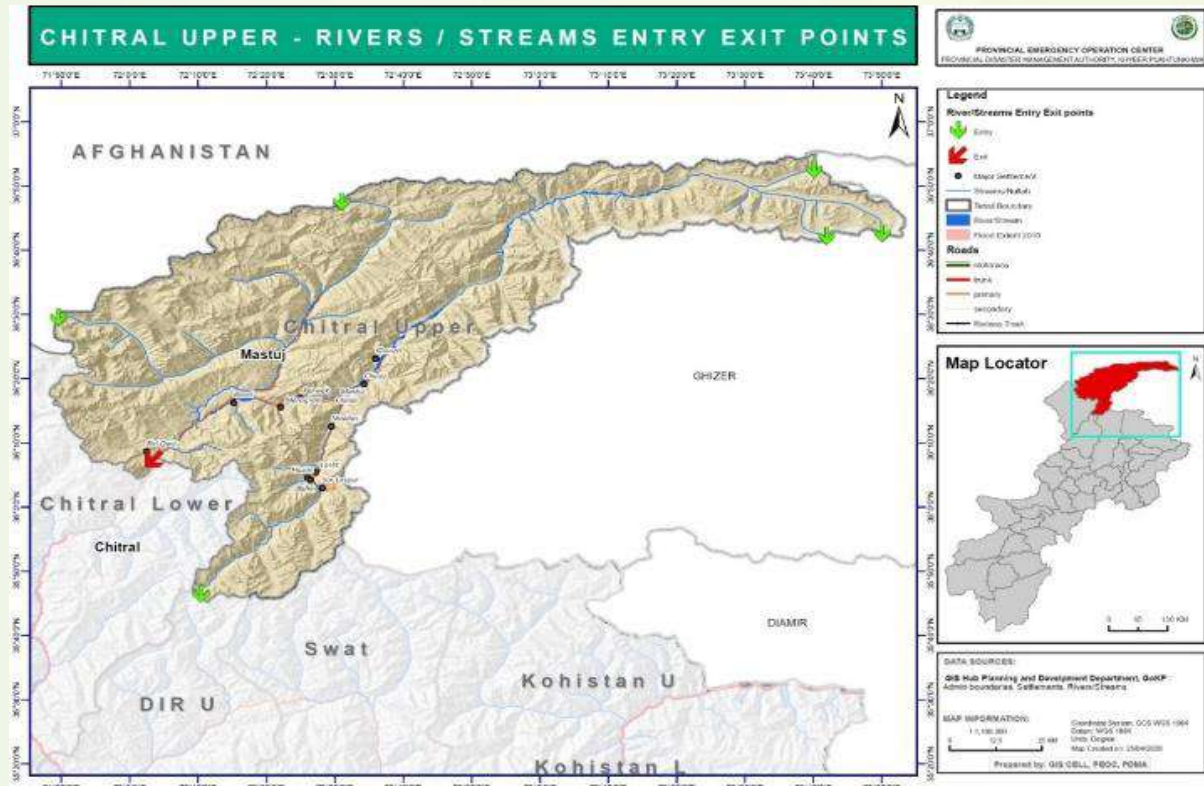
Available Relief Items for Monsoon 2021:

District Chitral Lower			
Item	Qty	Item	Qty
Tent	500	Mosquito Net	75
Blanket	500	Iron Bed	32
Mattress	500	Pillow	500
Generator	4	Jerry Kan	112
Plastic Mat	300	Soap	1080
Quilts	500	Life Jacket	30
Kitchen Set	300	Search Light	100
Hygien Kit	100	Tarpaulin Sheet	300

Available Relief Fund for Monsoon 2021: Rs. 20,000,000/-

4. District Chitral Upper

Total Area	8154 (Sq KMs)
Total Population	169892
Sub Division	01
No. of NC's	0
No. of Village Councils	39
Vulnerable NC's/VC/UC	VC Khot Bala, VC Khot Payeen, VC Washich, VC Sahat, VC Khushum, VC Gahat Warijun, Rech, VC Nogram, VC Riri Owir, VC Barum Owir, VC Pakhturi Owir, VC Gohkir, VC Terich, VC Madak, VC Terich Payeen, VC Werkop, VC Melp, VC Shagram, VC Drunkagh, VC Morder, VC Sandragh, VC Kosht, VC Reshun, VC Charun, VC Booni-I, VC Booni-II, VC Awi, VC Sonoghur, VC Raman, VC Laspur, VC Harchin, VC Parwak, VC Parkusap, VC Khuzh, VC Brep, VC Miragram-II, VC Bang, VC Mastuj and VC Broghul
Vulnerable Population (worst case scenario)	165,221
Neighboring Districts	Lower Chitral, Swat and District Ghizer of Gilgit Baltistan
Monsoon induced Hazards	Heavy Rains, Avalanches, GLOFs, Wild Storms, Cloud Bursts, Hail Storms, Land Slides, Flash Floods and Revrine Floods
Compensation Paid (3 years)	5.382M
Weather/Climate	Icy cold winter and pleasant summer
Major Rivers/Nulla's/ Khwarh River	River Yarkhun, River Laspur, River Torkhow and River Mulkhow
GPS Coordinates	36°17'0N 72°31'0E
Altitude	2359 meters (7742 feet)





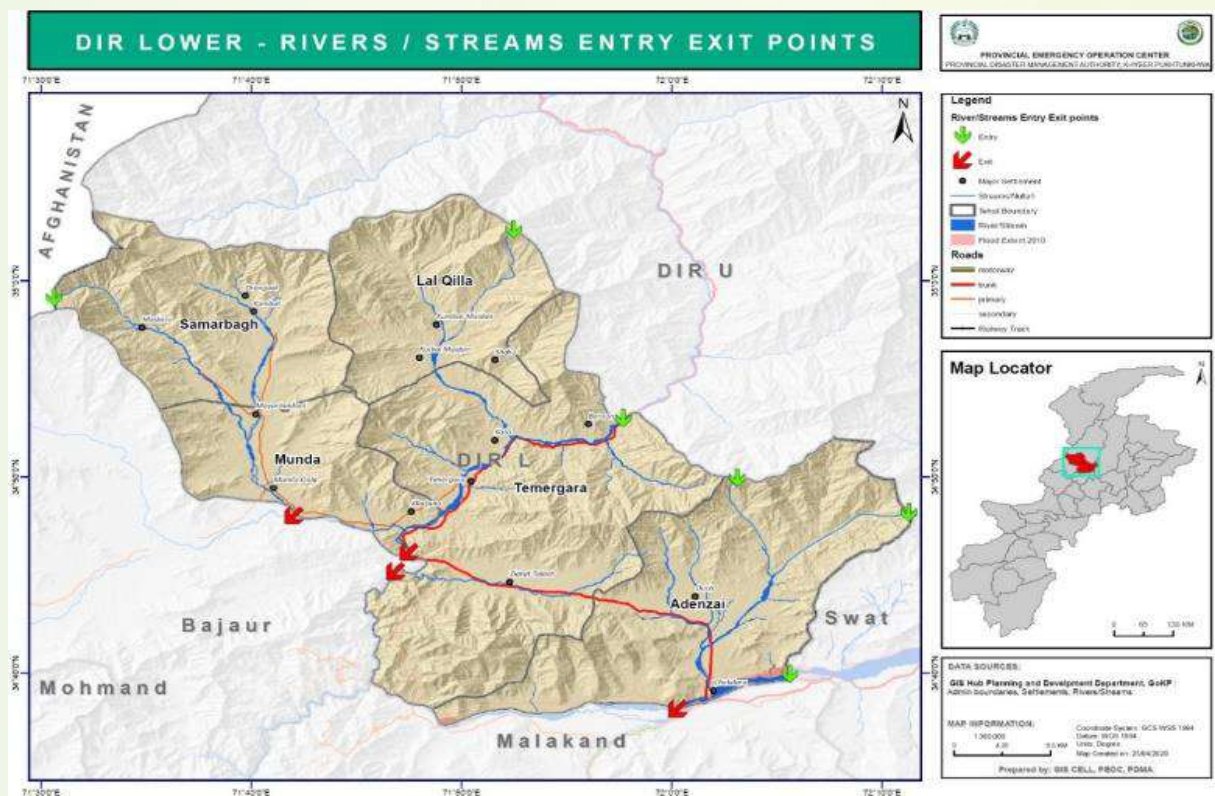
Available Relief Items for Monsoon 2021:

District Chitral Upper			
Item	Qty	Item	Qty
Tent	522	Mosquito Net	240
Blanket	1900	Jerry Kan	660
Plastic Mat	801	Soap	1080
Quilts	1480	Life Jacket	70
Kitchen Set	350	Tarpaulin Sheet	360
Hygien Kit	350		

Available Relief Fund for Monsoon 2021: Rs. 3,372,291/-

5. District Dir Lower

Total Area	1583 Sq. KMs
Total Population	1435917
Sub Division	04
No. of NC's	0
No. of Village Councils	12
Vulnerable NC's/VC/UC	Shalfalam, Rabat, Khal, Munjai, Koto, Miskini, Darangal, Tawda China, Balambat, Timergara, Chakdara, Badwan
Vulnerable Population (worst case scenario)	445,606
Neighboring Districts	In North is Upper Dir. in South is Bajaur, in East is Swat while in West is Afghanistan
Monsoon induced Hazards	Heavy Rains, Cloud Bursts, Hail Storms, Land Slides, Flash Floods and Revrine Floods
Compensation Paid (3 years)	22.096M
Weather/Climate	Hot in Summer and Cold in Winter
Major Rivers/Nulla's/ Khwarh River	River Panjkora, River Swat, Rodh Khwar, Maidan Khawar and Shamshi Khan Khwar
GPS Coordinates	34.37-35.07 latitudes N and 71.31-72.14 longitudes E
Altitude	2700 feet Above Sea Level





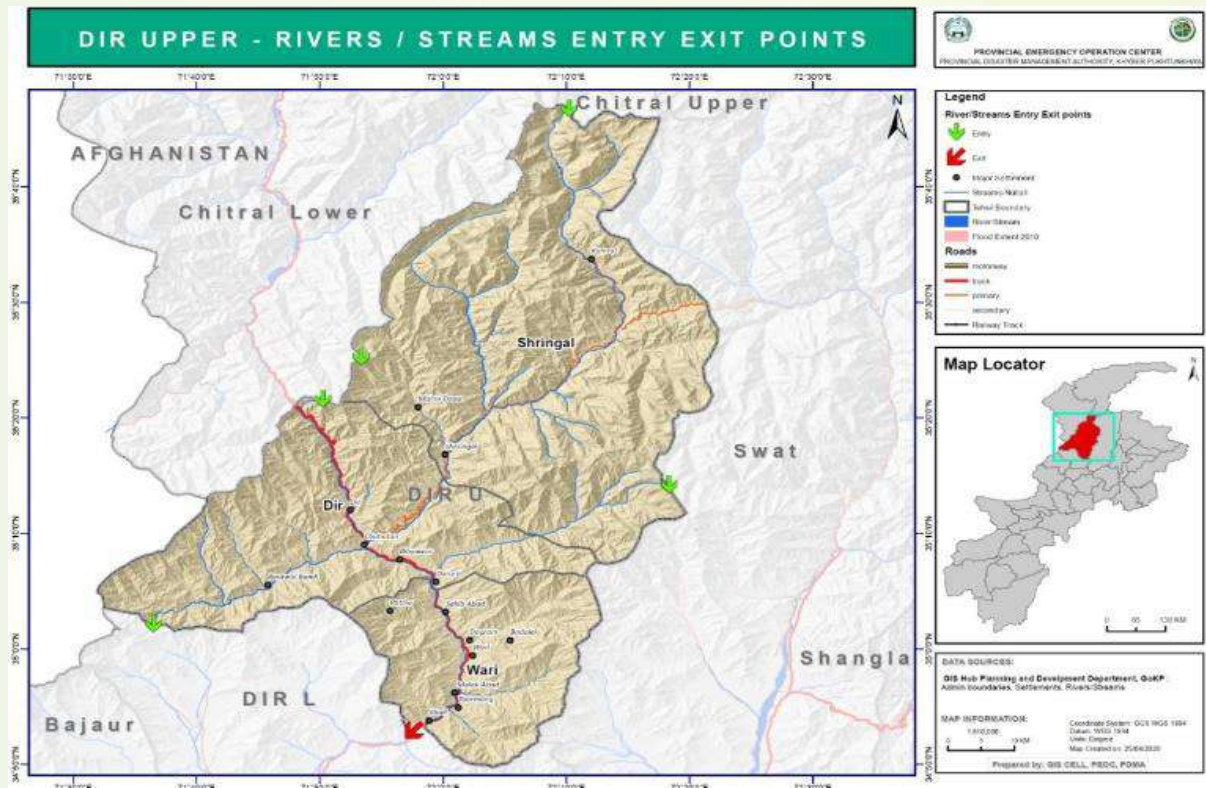
Available Relief Items for Monsoon 2021:

District Dir Lower			
Item	Qty	Item	Qty
Tent	500	Mosquito Net	215
Blanket	368	Jerry Kan	726
Plastic Mat	402	Soap	1080
Quilts	666	Kitchen Set	307

Available Relief Fund for Monsoon 2021: Rs. 21,881,634/-

6. District Dir Upper

Total Area	3699 Sq. KMs
Total Population	946,421
Sub Division	Sub Division Dir, Subdivision Shringal and Sub Division Wari
No. of NC's	05
No. of Village Councils	117
Vulnerable NC's/VC/UC	Qulandi, Palam, Doag Dara, Kalkot, Akhagram, Gawaldai, Dir Urban, Thall and Sahibabad
Vulnerable Population (worst case scenario)	247,897
Neighboring Districts	Kunarh (Afghanistan), Bajaur, Lower Dir, Lower Chitral and Swat
Monsoon induced Hazards	Heavy Rains, Avalanches, GLOFs, Cloud Bursts, Hail Storms, Land Slides, Flash Floods and Revrine Floods
Compensation Paid (3 years)	5.382M
Weather/Climate	Humid subtropical climate characterized by hot and humid summers, and cold to mild winters.
Major Rivers/Nulla's/ Khwarh River	Barawal River, Dir River, Usheray River, Kohistan River, Gwaldai River and Panjkor River
GPS Coordinates	35.3356° N, 72.0468° E
Altitude	1,420 meters (4,660 ft)





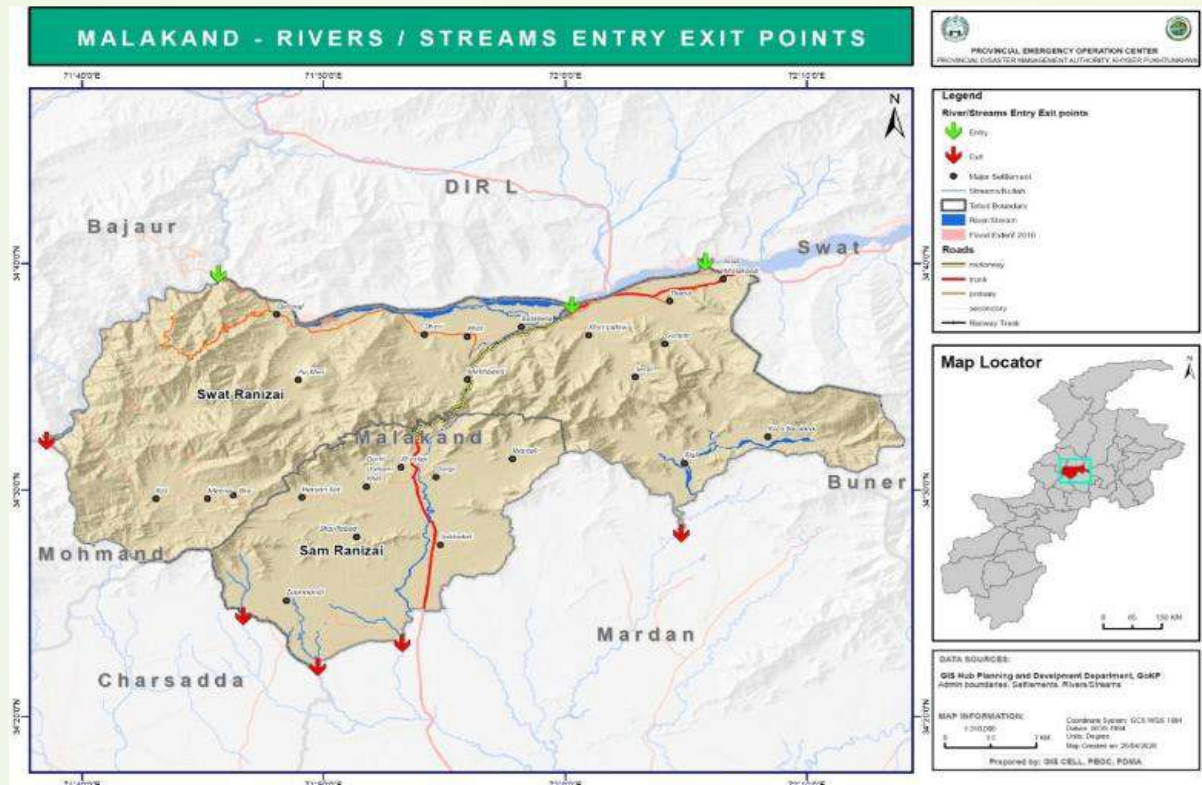
Available Relief Items for Monsoon 2021:

District Dir Upper			
Item	Qty	Item	Qty
Tent	189	Pillow	100
Quilts	500	Jerry Kan	100
Search Light	122		

Available Relief Fund for Monsoon 2021: Rs. 8,512,234/-

7. District Malakand

Total Area	952 Sq. KMs
Total Population	720295
Sub Division	02
No. of NC's	15
No. of Village Councils	67
Vulnerable NC's/VC/UC	Mubarak Khail Totakan, Ismail Khail Totakan, Hibat Gram Thana Jadeed, Jalala Thana Jadeed, Bazid Khail Thana Jadeed, Din Abad Middle Batkhela, Ibrahim Khail Middle Batkhela and Maday Khail Middle Batkhela
Vulnerable Population (worst case scenario)	53861
Neighboring Districts	Dir Lower, Mardan, Swat, Bajaur and Buner
Monsoon induced Hazards	Heavy Rains, Cloud Bursts, Hail Storms, Flash Floods and Revrine Floods
Compensation Paid (3 years)	16.226M
Weather/Climate	Mild summer and Cold winter
Major Rivers/Nulla's/ Khwarh River	River Swat and River Panjkorra
GPS Coordinates	71.7500
Altitude	34.5000





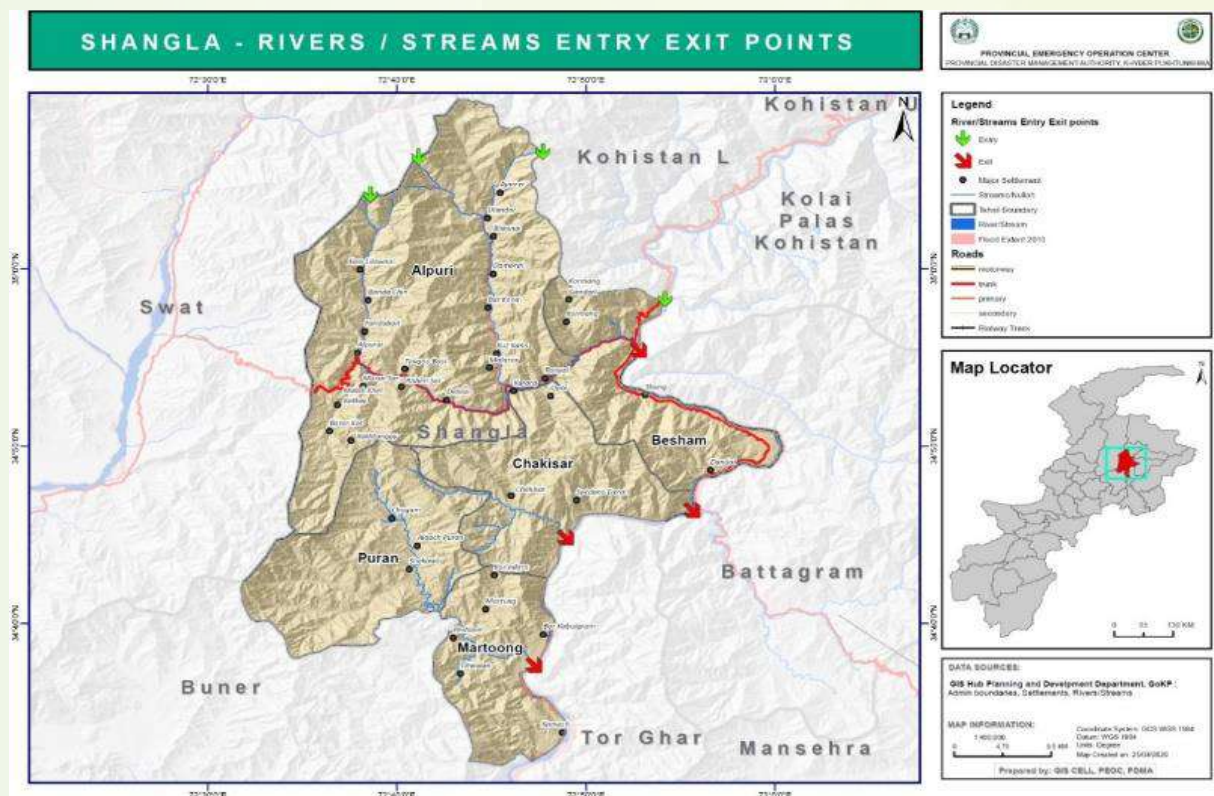
Available Relief Items for Monsoon 2021:

District Malakand			
Item	Qty	Item	Qty
Tent	266	Mosquito Net	150
Mattress	284	Iron Bed	100
Plastic Mat	276	Jerry Kan	321
Quilts	500	Soap	1080
Kitchen Set	287	Hygien Kit	300

Available Relief Fund for Monsoon 2021: Rs. 13,724,870/-

8. District Shangla

Total Area	1,586 Sq. KMs
Total Population	757,810
Sub Division	Three subdivisions: Alpuri, Puran and Besham.
Vulnerable NC's/VC/UC	Alpuri, Lilownai, Malak Khel, Dehrai, Pirabad, Kuz Kana, Ranyal, Shahpur, Damorai, Pirkhana, Kormang, Butyal, Shang, Opal, Chakisar, Sarkool, Bar Puran, Behloul Khel and Chowga
Vulnerable Population (worst case scenario)	73000
No. of Village Councils	VC's. 105 / UCs. 28
Neighboring Districts	Bounded in the North by Kohistan District, in the East by Battagram and Torghar Districts, in the West by Swat District and in the South by Buner District
Monsoon induced Hazards	Heavy Rains, Cloud Bursts, Hail Storms, Land Slides, Flash Floods and Revrine Floods
Compensation Paid (3 years)	34.49M
Weather/Climate	Extreme weather condition in winter and summer both.
Major Rivers/Nulla's/ Khwarh River	River Indus, Khan Khwar, Lilownai Ghwarban Khwar, Sargar Khwar, Lal Khani Khwar, Amnavi Khwar, Chakisar Khwar and Puran Khwar
GPS Coordinates	Latitude: 34.9208N / Longitude: 72.63140 E
Altitude	The average elevation of the district is 2000 to 3000 meters above sea level. The highest point is 3440 meters at Ajmir Barganshal UC Pirkhana Alpuri and Lowest Point is 384 meters at Kamach Puran.





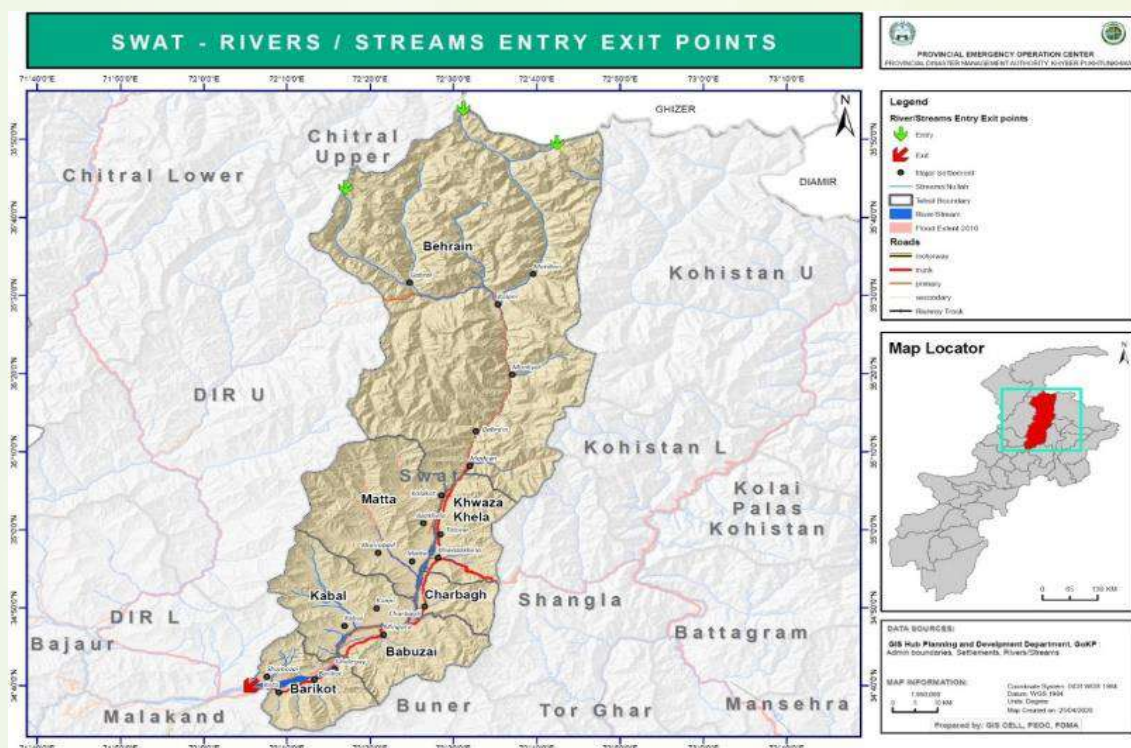
Available Relief Items for Monsoon 2021:

District Shangla			
Item	Qty	Item	Qty
Tent	556	Mosquito Net	415
Blanket	669	Iron Bed	177
Mattress	581	Pillow	451
Plastic Mat	717	Jerry Kan	110
Quilts	1527	Soap	1080
Kitchen Set	452		

Available Relief Fund for Monsoon 2021: Rs. 17,634,068/-

9. District Swat

Total Area	5337 Sq. KMs
Total Population	2,309,570
Sub Division	07
No. of Village Councils	69
Vulnerable NC's/VC/UC	Bahrain, Gulibagh, Kalam, Barikot, Saidu Sharif, Per Kalay, Shin, Mankiyal, Balokot, Madyan, Beshigram, Terat, Damana, Qandil, Ingar Abad, Talegram, Kishawra, Kabal, Bar Abakhela, Kuz Abakhel, Hazara, Kuza Bandai, Bara Bandai, Kanju, Totano Bandai, Qalagay, Kalakalay, Dewlai, Shahderai, Tall, Utror, Kota, Ghaligay, Mingora, Mulababa, Landy Kas, Bangladesh, Fizagot, Hayat Abad, Qambar, Marghazar, New Bypass, Ingarodehrai, Takhtaband, Odigram, Bama Khela, Baidara, Durshkhela, Asharai, Kalakot, Rahatkot, Darmai, Sakhra, Kharirai, Chuprial, Barthana, Gwalarai, Kwaray, Tangar, Pishtonai, Beha, Asala, Gashkor and Chalyar
Vulnerable Population (worst case scenario)	1,036,974
Neighboring Districts	Shangla, Buner, Malakand and Dir
Monsoon induced Hazards	Heavy Rains, Cloud Bursts, GLOFs, Avalanches, Hail Storms, Land Slides, Flash Floods and Revrine Floods
Compensation Paid (3 years)	513.02762M
Weather/Climate	Swat enjoys four very distinct seasons, the weather in the Lower Swat (Saidu Sharif, Mingora city, and surrounding areas) is more moderate, stable, and predictable. Temperature in Lower Swat in summer can go up to 35°C (95°F) and can fall below -10°C (14°F) in cold winter nights. In winter, weather can be harsh and can go frequently below sub-zero during the cold nights. The averages daily temperature in winter is 7.6°C (45.7°F) and 1.5°C (34.7°F) in upper swat regions. Also, the temperature in upper swat in areas such as Malam Jabba, Kalam, or other elevated areas (high snow-capped mountains and places with glaciers) can go fall below -25°C (-13°F) in extreme winter times. Weather in Upper Swat is more unpredictable and mostly snowy, windy, rainy, and harsh.
Major Rivers/Nulla's/ Khwarh River	River Swat
Altitude	3000-14000





Available Relief Items for Monsoon 2021:

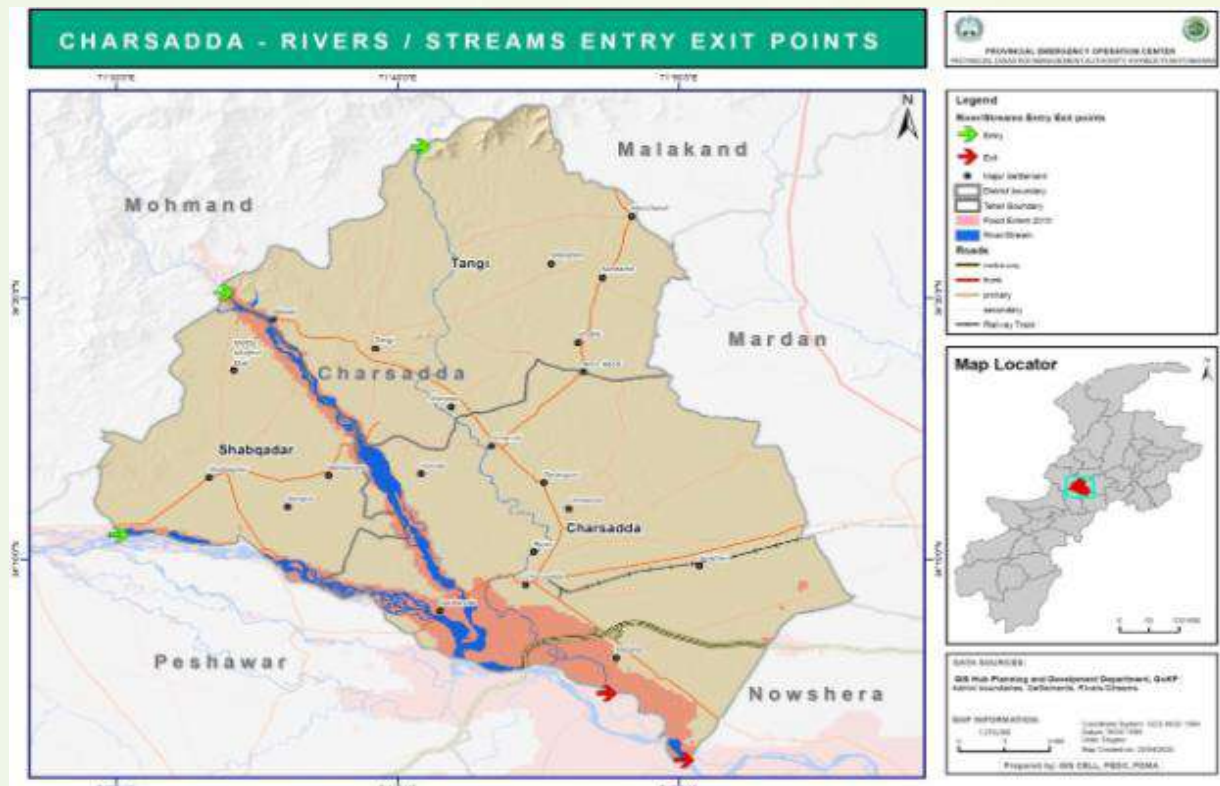
District Swat			
Item	Qty	Item	Qty
Tent	532	Mosquito Net	540
Blanket	448	Iron Bed	34
Mattress	513	Pillow	340
Plastic Mat	932	Jerry Kan	107
Quilts	615	Soap	1080
Kitchen Set	329	Life Jacket	125
Hygien Kit	417	Tarpaulin Sheet	201

Available Relief Fund for Monsoon 2021: Rs. 38,403,247/-

4.7 PESHAWAR DIVISION

1. District Charsadda

Total Area	996 Sq. KMs
Total Population	1,616,198
Sub Division	Charsadda, Tangi and Shabqadar
No. of NC's	22
No. of Village Councils	124
Vulnerable NC's/VC/UC	Agra, Rashakai, Hajizai, Hassanzai, Daulat Pora, Battagram, Kangra, Panjpaio, Nisatta, Maira Prang, Dheri Zardad, Mirza Dher, Tarnab, bazai, Katozai, MC-I, II, III, IV Charsadda, Rajjar-I, tmanzai, Turangzai, Sherpao, Hisara Yaseenzai, Umerzai and Tangi
Vulnerable Population (worst case scenario)	600,343
Neighboring Districts	Peshawar, Mardan, Nowshera, Mohmand and Malakand
Monsoon induced Hazards	Heavy Rain, Winds, Flash Floods and Revrine Floods
Compensation Paid (3 years)	49.19924
Weather/Climate	Extreme weather conditions in Summer and in Winter
Major Rivers/Nulla's/ Khwarh River	River Kabul, River Swat and Jindi Nullah
GPS Coordinates	34o43'54.12"E
Altitude	34o08'38.40"N





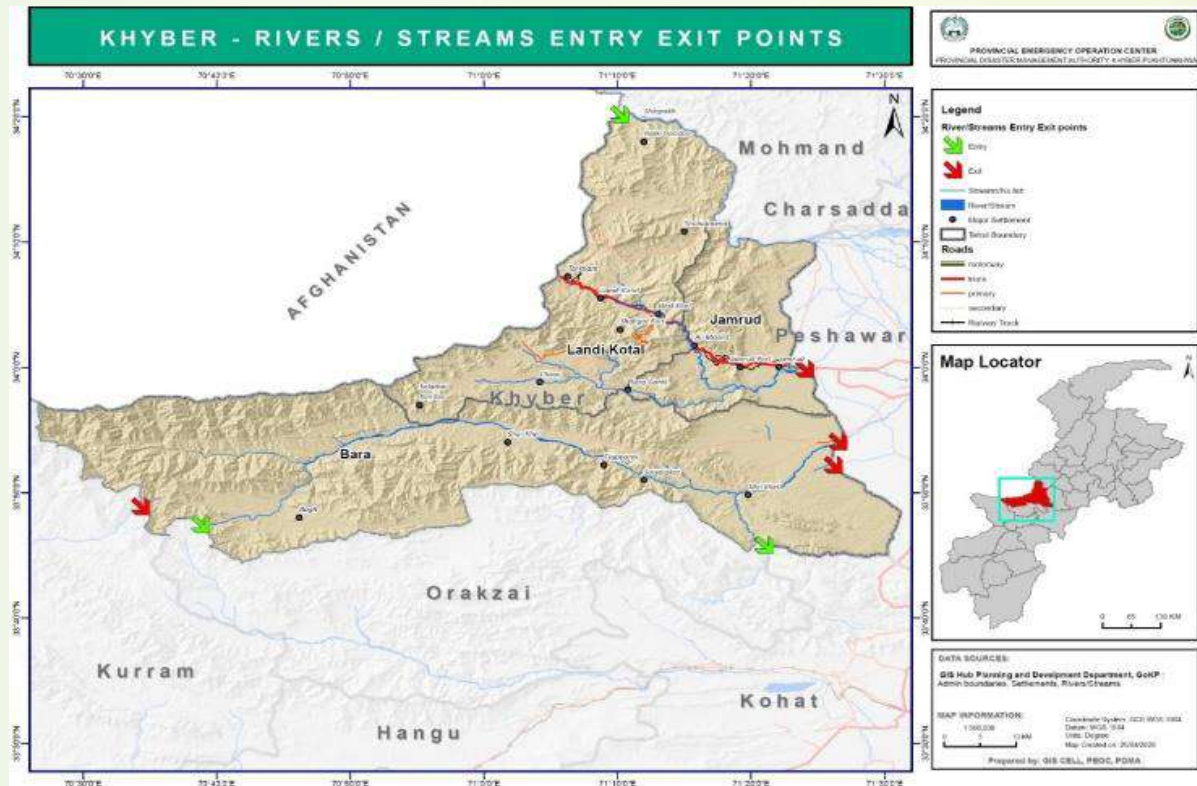
Available Relief Items for Monsoon 2021:

District Charsadda			
Item	Qty	Item	Qty
Tent	473	Soap	1080
Plastic Mat	176	Life Jacket	100
Kitchen Set	181	Search Light	60
Hygien Kit	286	Tarpaulin Sheet	492

Available Relief Fund for Monsoon 2021: Rs. 1,249,678/-

2. District Khyber

Total Area	2576 Sq. KMs
Total Population	986973
Sub Division	03
No. of NC's	0
No. of Village Councils	147
Neighboring Districts	Kuram, Orakzai, FR Kohat, Peshawar and Mohmmand
Weather/Climate	Hot Summer and normal winter
Monsoon induced Hazards	Heavy Rain and Flash Floods
Compensation Paid (3 years)	24.2M
Major Rivers/Nulla's/ Khwarh River	River Kabul, Bara and Chora River
GPS Coordinates	34015.29 N, 71192.07 E
Altitude	461 meters





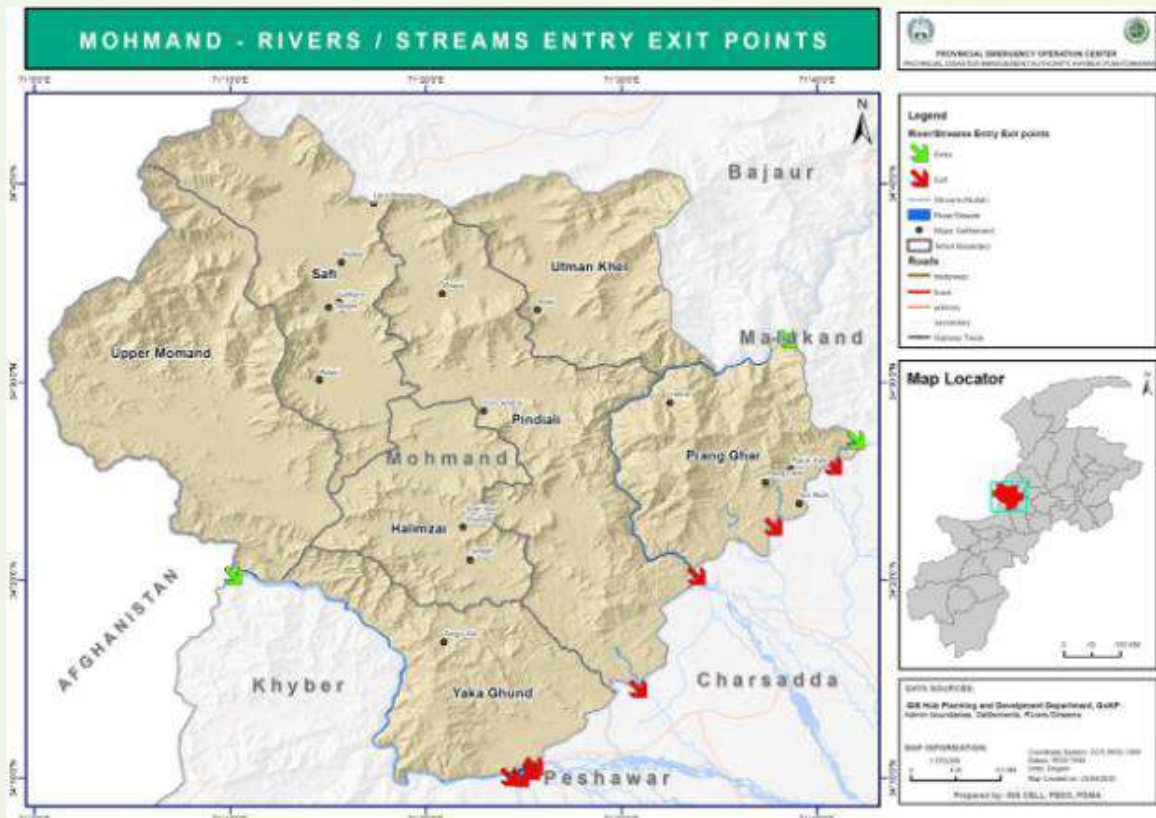
Available Relief Items for Monsoon 2021:

District Khyber			
Item	Qty	Item	Qty
Tent	22	Mosquito Net	22
Blanket /Quilts	60	Plastic Mat	60

Available Relief Fund for Monsoon 2021: Rs. 900,000/-

3. District Mohmand

Total Area	2296 Sq KMs
Total Population	466984
Sub Division	03 Sub Division (Upper, Lower and Baizai Sub Divisions)
No. of NC's	07
No. of Village Councils	63
Vulnerable NC's/VC/UC	VC-1 Kamali Halimzai, VC-2 Kamali Halimzai, VC-1 Bar Kadi Khel, VC-2 Bar Kadi Khel Halimzai, VC-3 Durba Khel Halimzai, VC-2 Baro Khel Halimzai, VC-1 Durba Khel Halimzai, VC-1 Koz Dai Khel Halimzai, VC-2 Sheikh Baba Safi, VC-1 Masood Safi, VC-3 Chamarkand Safi, VC-1 Sagi area Safi, VC-2 Sagi area Safi, NC Lakaro Safi, VC-1 Qandahari Safi, VC-2 Qandahari Safi, VC-3 Qandahari Safi, VC-4 Gurbaz Safi, VC-2 Masood Safi, VC-1 Atta area Khewezai, NC-1 Qallagai Khewezai, VC-Esak kor Khewezai, VC-1 Koda Khel area Baizai, VC-2 Bahai Daag area Baizai, VC-3 Bar Chinarai Baizai, VC-4 Mettai Dara area Musa khel Baizai, VC-2 Koz Kadi Khel, VC-6, VC-1 Ambar, VC-2 Ambar, VC-3 Ambar, VC-4 Ambar, VC-5 Ambar, VC-Tehsil Ekka Ghund, VC-3 Dab Kor, VC-2 Ekka Ghund, VC-2 Sara Sha Prang Ghar, VC-1 Prang Ghar, VC-3 Yousaf Baba Prang Ghar, NC-1 Laman Uthman Khel Prang Ghar, VC-3 Dewezai Pindiali, VC-2 Dewezai Pindiali and VC-1 Dewezai Pindiali
Vulnerable Population (worst case scenario)	315,285
Neighboring Districts	Peshawar, Charsadda, Bajaur, Khyber and Malakand
Monsoon induced Hazards	Heavy Rain and Flash Floods
Compensation Paid (3 years)	19.942M
Weather/Climate	The Climate of District Mohmand is Hot in Summer and Cold in Winter season.
Major Rivers/Nulla's/ Khwarh River	Kabul and Swat Rivers
GPS Coordinates	34.5356° N, 71.2874° E
Altitude	720 meters / 2362 feet





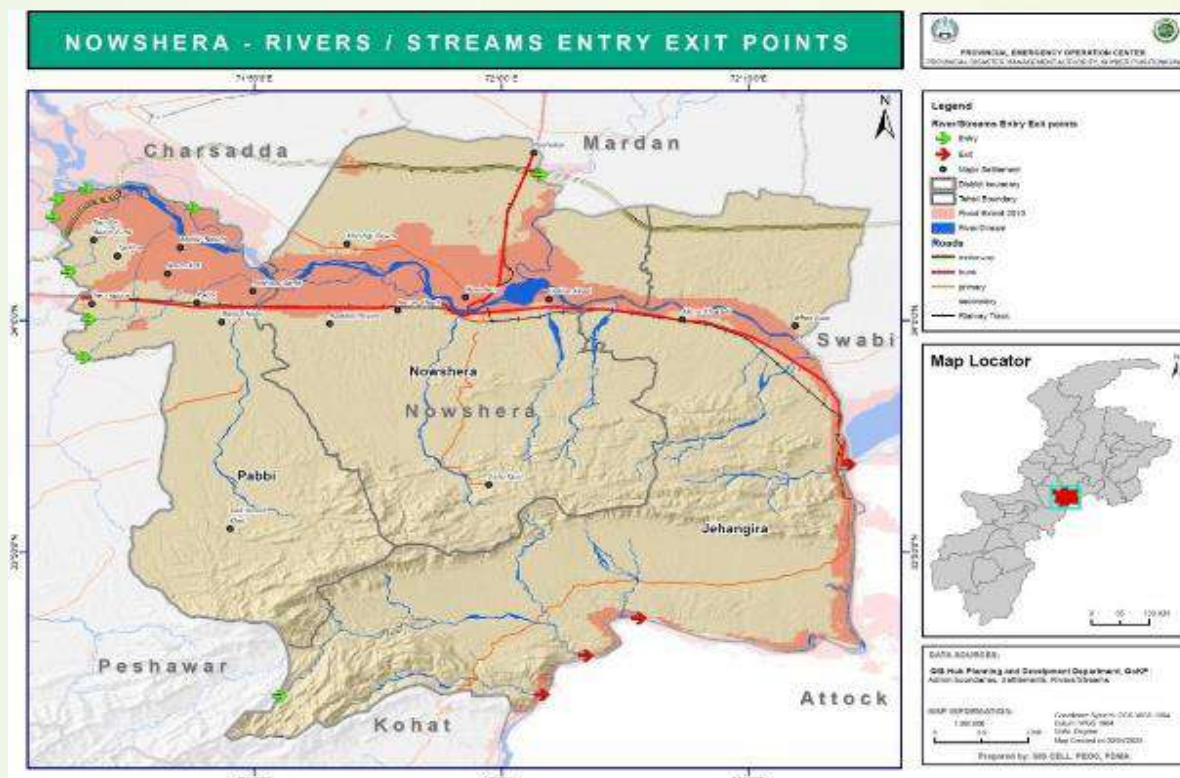
Available Relief Items for Monsoon 2021:

District Mohmand			
Item	Qty	Item	Qty
Tent	450	Mosquito Net	1000
Blanket	1700	Soap	1080
Mattress	900	Kitchen Set	505
Plastic Mat	550	Hygien Kit	700

Available Relief Fund for Monsoon 2021: Rs. 8,665,597/-

4. District Nowshera

Total Area	1748 Sq. KMs
Total Population	1518540
Sub Division	Pabbi, Nowshera and Jehangira
No. of NC's	192
No. of Village Councils	896
Vulnerable NC's/VC/UC	Akbar Pura, Aman Kot, Aza Khel Bala, Aza Khel Payan, Balu, Banda Mohib, Chowki Mamriz, Dagai, Misri Banda, Mughulki, Nawan Killi, Nowshera City, Dheri Kati, Khel, Mera Akora, Shaidu, Pir Piai, Pir Sabaq, Kabul River, hairabad, Khesghi Bala, Khesghi, Payan, Khudrezi (Khan Sher Ghari), Kurvi, Akora Khattak, Aman Garh and Zara Maina
Vulnerable Population (worst case scenario)	406,762
Neighboring Districts	Mardan, Charsadda, Peshawar, Kohat, Attok (Punjab) and Swabi
Monsoon induced Hazards	Heavy Rain, Winds, Flash Floods and Revrine Floods
Compensation Paid (3 years)	22.205M
Weather/Climate	The summers are sweltering, humid, and clear and the winters are cool and partly cloudy. Over the course of the year, the temperature typically varies from 43°F to 111°F and is rarely below 37°F or above 118°F.
Major Rivers/Nulla's/ Khwarh River	Kabul River and Kalpani River
GPS Coordinates	Latitude: 34° 00' 55.01" N Longitude: 71° 58' 28.99" E
Altitude	869 ft to 5,053 ft





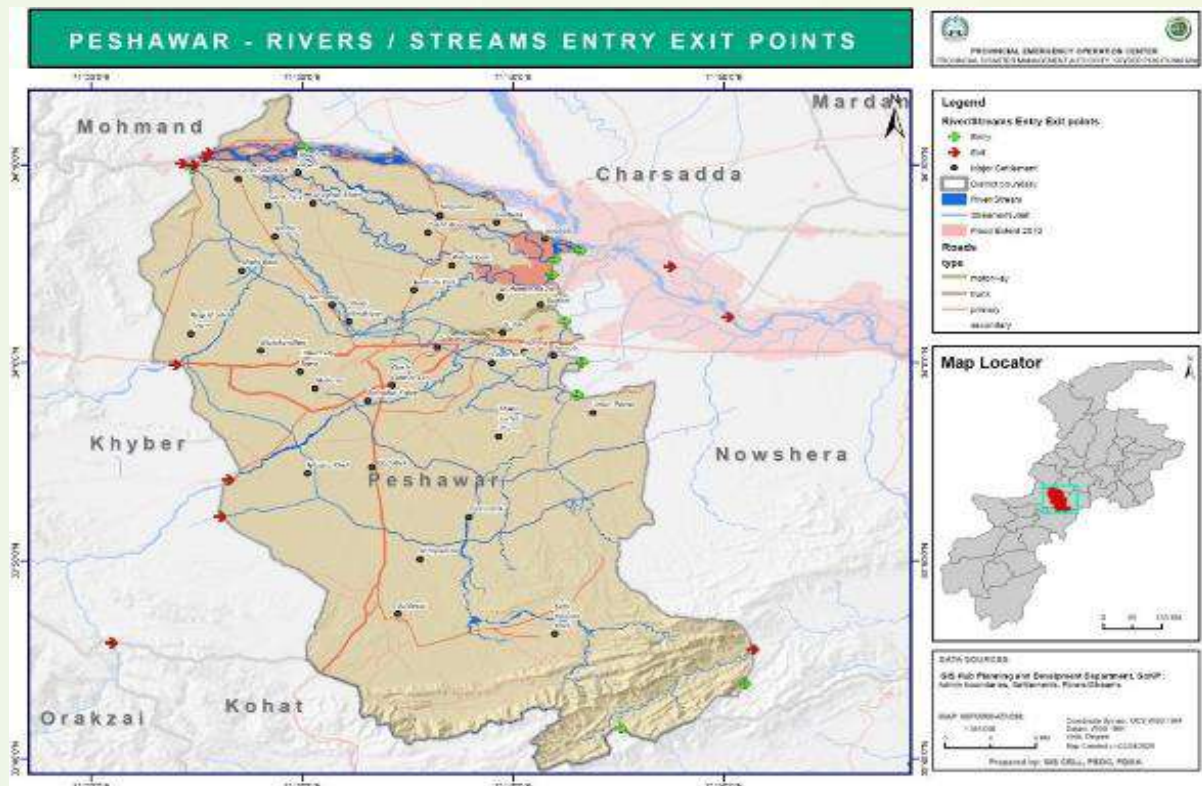
Available Relief Items for Monsoon 2021:

District Nowshera			
Item	Qty	Item	Qty
Tent	111	Soap	1080
Mattress	100	Life Jacket	100
Plastic Mat	110	Kitchen Set	112
Quilts	100		

Available Relief Fund for Monsoon 2021: Rs. 24,438,656/-

5. District Peshawar

Total Area	1283.71Sq.KMs
Total Population	4,269,079
Sub Division	05
No. of NC's	87
No. of Village Councils	24
Vulnerable NC's/VC/UC	Achini Bala, Mera Surizai Paya, Shahi Bala, Panam Dehri, Jogani, Chaghar Matti, Chamkani, Budhni, Mera Kichori, Kankola, Lala, Khatki, Urmer Bala, Takhat Abad, Athra, Kafoor Dehri, Musazai, Haryana Payan, Wadpaga, Nahaqi, Gulbela, Khazana, Pakha Ghulam and Larhama
Vulnerable Population (worst case scenario)	858,098
Neighboring Districts	Charsadda, Newshehra, Mohmand and Khyber
Monsoon induced Hazards	Heavy Rain, Urban Floods, Flash Floods and Revrine Floods
Compensation Paid (3 years)	47.97M
Weather/Climate	Hot summer and cold winter
Major Rivers/Nulla's/ Khwarh River	River Kabul, Achini Khwarh, Zindi Khwarh, Shagai Khwarh, Pibala Khwarh, Bara Khwarh, Hajizai River, Shahalam River
GPS Coordinates	Latitude: 34o08'38.40; Longitude: 71o43'54.12
Altitude	331 meters



Available Relief Items for Monsoon 2021:

District Peshawar			
Item	Qty	Item	Qty
Tent	12	Iron Bed	1500
Blanket	220	Quilts	195
Mattress	112	Kitchen Set	48

Available Relief Fund for Monsoon 2021: Rs. 9,183,510/-

An aerial photograph of a lush green forest. A dirt path winds through the trees, leading towards a waterfall in the distance. The water is white and cascades down a rocky ledge. The overall scene is vibrant and natural.

CHAPTER-5

**COORDINATION
ARRANGEMENTS**

5.1 Strategy for the Current Monsoon Emergencies

To better manage any undesirable event during the upcoming monsoon, the following categorization of monsoon emergencies will be vital for better coordination, response, relief and rehabilitation.

- **Level 1** Emergency Situation: Manageable by district administration
- **Level 2** Emergency Situation: Affecting multiple districts but still manageable at provincial level
- **Level 3** Emergency Situation: National Level emergency situation

Handling of different Emergencies

Areas	Level 1	Level 2	Level 3
Alert and Notification issuance/activation of control Rooms	District Control Rooms round the clock	PDMA PEOC round the clock	NDMA NCOC round the clock
Telecommunication systems maintenance	District admin	PDMA and NTC	NDMA
Evacuation	District admin	PDMA/Rescue 1122/LGandRDD	NDMA/Pak Army
Transport	District admin	PDMA/LGandRDD	NDMA
Search and Rescue	District admin/Rescue 1122	Resc 1122/Pak Army	Pak Army
Emergency Relief	District admin	PDMA	NDMA
Recovery	District admin	PDMA	NDMA
Debris Removal/De-watering	District admin	LGandRDD/CandW/irrigation Dept	NHA
Security	Distr admin/Police/LEAs	Police/LEAs	Pak Army/LEAs
Damage Assessment	District admin	PDMA	NDMA
Health	District admin	Health Department	MoH

5.1.1 Level 1 Emergency

In case of **Level 1 Emergency Situation** the district administration will be responsible to carry out initial Multi Sector Damage Assessment for identifying scale of a disaster, priority areas, Relief and gaps in response and share immediately with PDMA control room PEOC through email, fax and WhatsApp group.

The district administration will also share the Recovery Needs Assessment report with PDMA for identifying and estimating detailed cost of recovery in various sectors for initiation of

recovery work in affected communities. Similarly, district administration will be solely responsible for search and rescue operations in coordination with relevant stakeholders. District administration will take lead role in removal of debris and provision of first aid health facility if warranted as such.

Similarly, the district administration will be responsible to keep updated all relevant stakeholders including general public regarding any significant monsoon event by utilizing all means of information communications for dissemination of timely and accurate information depending on the severity of situation, the reports may be shared on hourly, 3-6 hourly basis.

5.1.2 Level 2 Emergency

The PDMA will be responsible to carry out initial Multi Sector Damage Assessment for identifying scale of a disaster, priority areas, Relief and gaps in response and will share with Provincial government and NDMA.

PDMA will similarly share Recovery Needs Assessment report with Provincial government and NDMA for identifying and estimating detailed cost of recovery in various sectors for initiation of recovery work in affected communities. PDMA in coordination with other line departments will carry out all necessary work regarding debris removal, provision of health facilities, evacuation, transport, security and maintenance of telecommunication systems.

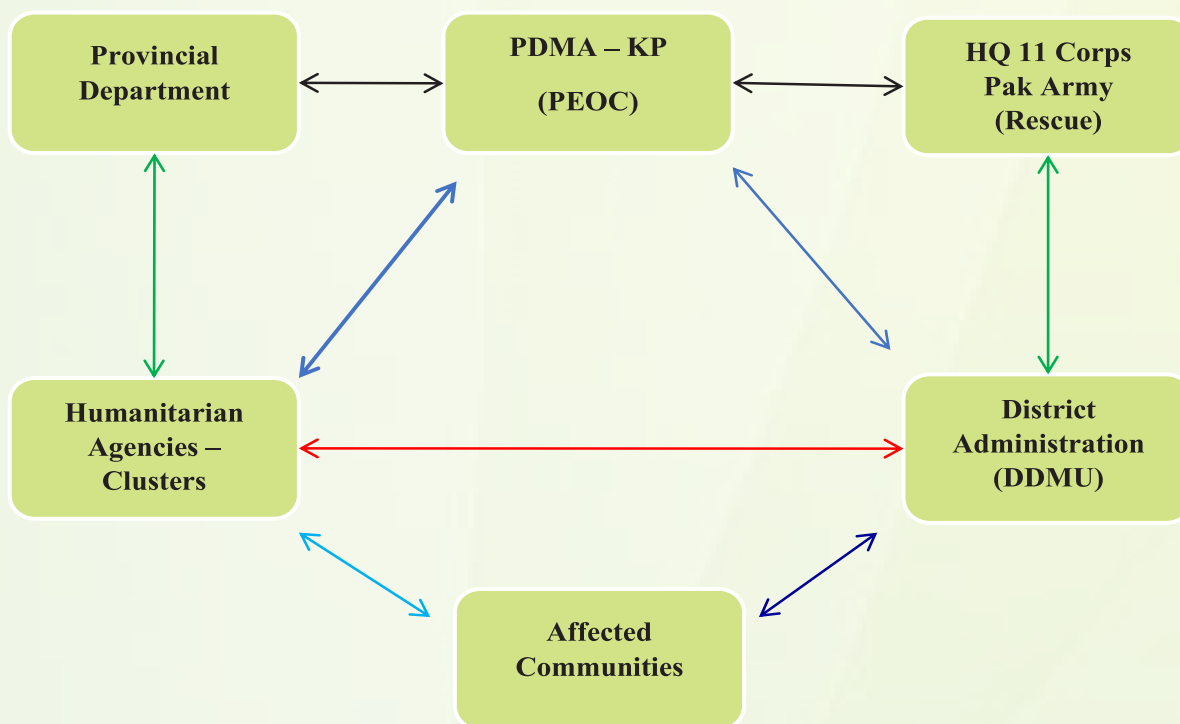
Similarly, the Khyber Pakhtunkhwa Provincial Disaster Management Authority with the help of information department will disseminate all updates to all stakeholders including Provincial government, NDMA and general public by utilizing all available means.

5.1.3 Level 3 Emergency

Responsibilities shift to NDMA for carrying out all necessary works as per aforementioned table or as deemed appropriate by the higher authority.

5.2 Coordination Mechanism

PDMA coordinates efforts of all stakeholders for effective disaster risk management. Its coordination mechanism is simple but effective for the dissemination of early warning, undertaking search and rescue activities and conducting relief operations to meet the needs of the vulnerable/affected groups. For this purpose, PDMA entails horizontal coordination with the relevant Provincial line departments on one side and headquarters engineers 11 corps Peshawar on the other side. PDMA also coordinates with the humanitarian community for joint efforts in prevention, mitigation, preparedness, rescue, relief, response and early recovery. On the other hand, vertical coordination occurs with District administrations for effective early warnings, preparedness, and rescue and relief efforts at district level.



PDMA has undertaken a series of monsoon preparedness meetings with Divisional Commissioners, Districts Administration, Provincial Line Departments, Federal line Agencies and humanitarian community. This contingency plan is the outcome of the consultations with all stakeholders. Role of PDMA in case of a disaster comprised of following institutional arrangement: -

5.2.1 Command and Control

Director General PDMA in consultation with Secretary, Relief, Rehabilitation and Settlement Department and Chief Secretary Khyber Pakhtunkhwa will be responsible for monsoon Hazards Response and Relief Operations. Director Relief PDMA on his/her behalf will head a Composite Team (comprising representatives of Lead Agency/Department and focal persons of supporting organizations) to coordinate response and relief operations. All relevant departments/Agencies will provide focal person / representative to form part of the provincial response team when requested.

5.2.2 Provincial Emergency Operation Centre (PEOC)

PEOC is aimed to provide a platform and bridge for timely and accurate coordination between Provincial Line Departments and District Administration in time of emergencies and calamities. It provides a well-coordinated response mechanism in time of a disaster. PEOC remains functional 24/7. Its role includes but not limited to dissemination of early warning, in time coordination and communication, analysis and dissemination of all information pertaining to pre-during and post disaster, operational updates and situation reports.

5.2.3 Early Warning Mechanism

For timely and effective response at all levels, early warning is the key component of preparedness. Effective Early Warning System helps mitigate the damages and loss of lives and property from a disaster. PEOC will issue early warning if the situation demands. A close liaison of PEOC and DEOC is maintained. Early warning is disseminated both horizontally and vertically to Provincial Line Departments and Districts Administration respectively for timely preparedness, mitigation and coordinated response in case of occurrence of a disaster.

5.2.4 Provincial Disaster Management Authority Khyber Pakhtunkhwa - Information Highway

The two-way coordination and communication channel titled information highway has been developed in 2016 for quick response by Provincial Disaster Management Authority Khyber Pakhtunkhwa, Provincial Line Departments and District Administration. PDMA information highway enables on one hand early dissemination of information to all concerned including Deputy Commissioners, Secretaries, Director General Rescue, PKHA and NDMA, while on the other hand immediate and accurate information reports are shared timely with PDMA.

5.2.5 Automatic Daily Situation Report

A Daily Situation Report (DSR) is issued from Provincial Emergency Operation Center twice a day. DSR is drafted on the basis of information received from respective divisional control rooms of the province. DSR is automated through Report Management System for maintaining updated Database and sharing of DSR with one click facility through email. DSR is shared with relevant departments and stakeholders for making informed decisions related to any untoward incidents/ emergency situation.

5.2.6 Remote Call Management System (1700)

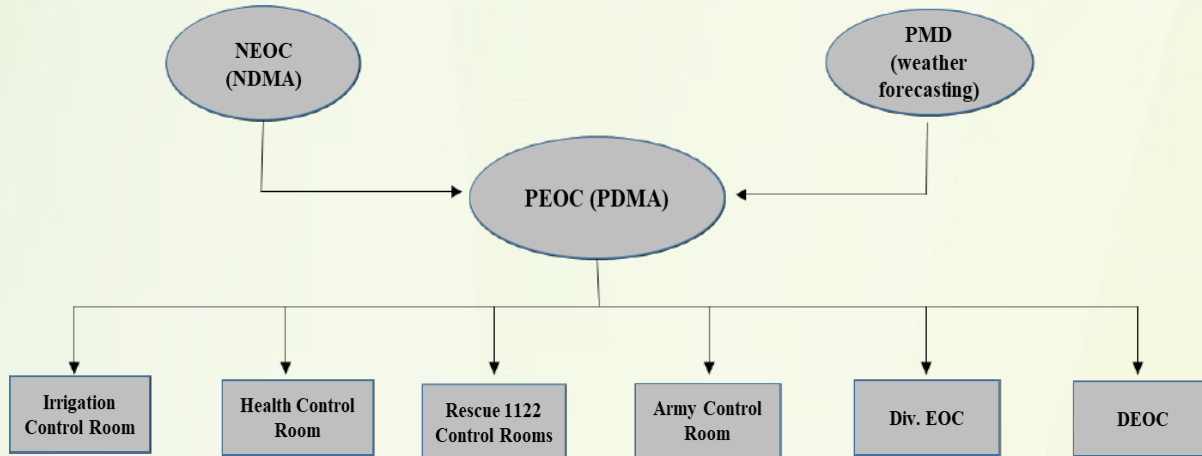
To guide people against COVID-19 and to prevent potential spread of this pandemic, PDMA took a significant initiative and established a Remote Call Management System in Provincial Emergency Operation Center, PDMA with toll-free helpline 1700 on 13th April, 2020. Via this helpline the callers are being guided about various issues, while sitting at their homes. Representatives of relevant Govt. departments on the aforementioned services remained connected with 1700 even sitting in their own offices or homes.

5.3 Coordination with Provincial Line Departments

Coordination is a core component through various stages of monsoon starting from preparation stage till rescue, recovery and rehabilitation, as the issue require a multi dimensionally departmental approach for minimizing the risks associated with monsoon season. At PDMA, since day 1 of the process we take on board all provincial line departments like Irrigation department, local government department, CandW department, forest department Health department, Rescue-1122, EandSE department and other Provincial Partners including WSSP for better preparation/planning and overall response for overall disaster Risk reduction in case of any emergency situation. All Provincial Lines departments share their respective plans and preparations with PDMA and the same are being incorporated in Monsoon Contingency Planning of PDMA for a better unified approach.

Besides Provincial Emergency Operation Center (PEOC) at PDMA, the other key departments involved in incident response and vigilance also activate their control rooms 24/7 during the monsoon season. Irrigation department activate the control room in Hydrology section which monitor the discharge data of the manual and automated gauge station networks in the province. Similarly Rescue 1122 has a devolped incident command control rooms at provincial and on field formations levels. Pakistan Army control station remains active for flood at the

Engineering headquarters, Div. HQs and on field formation level. Health department control rooms also remains active for any helat emergency. Chart in below diagram shows the coordination grid for vertoical and horizontal coordination.



5.4 Local Administration

5.4.1 Office of the Commissioner

- Consultation of the district administration in wake of the monsoon season
- Review of the preparedness of the districts with regard to the impending emergencies related to monsoon hazards
- Continuous monitoring of hazards, risks and vulnerable conditions within the division,

5.4.2 Office of the Deputy Commissioner

- Consultation of the district line departments in wake of the monsoon season
- Review of the preparedness of the department with regards to the impending emergencies related to monsoon hazards
- Continuous monitoring of hazards, risks and vulnerable conditions within the district,
- In the event of a disaster, organize emergency response through the District Emergency Operations Centre (DEOC)
- Keep linkages with the Provincial Disaster Management Authority and the Relief Department.
- Undertake appropriate preparedness measures at district level; e.g. maintain an early warning system, identify buildings to be used as evacuation sites, stock file relief and rescue materials and identify alternat means for emergency communications,



5.4.3 Office of the ADC Relief/DDMUs

The ADC Relief and notified District Disaster Management Units will act as secretariate for all the monsoon related events and emergencies. They will assist the Deputy Commissioners Office, Commissioners Officer and PDMA on timely data sharing and updates on response and rehabilitation operations.

5.5 Coordinating Assistance of UN Agencies and Humanitarian Partners

PDMA also coordinates with UN Agencies and other humanitarian partners to fill in the response and relief gaps before, during and after disaster on one side and maintenance of stock at least 1/3 of required humanitarian needs in the high impact scenario (Food and NFI including shelter) for the monsoon contingency 2021.

5.6 Awareness Campaigns by Media Cell of PDMA

PDMA KP uses social media tools to reach wider audience in the digital world. Broushers and awareness message developed by Media Section for awareness raising are regularly shared on its facebook and twitter pages where huge humber of following make it easy for wider public outreach with zero financial implications.

a. Social Media/Whats App Groups

PDMA KP is using modern communication technologies for wider public information dissemination and management. For this purpose, the following social media accounts and groups have been formulated.

1. Facebook Account (close liaison with Directorate of Information and other line Departments)
2. Twitter Account
3. Skype Group
4. Whats App Groups
5. PDMA official Group
6. PDMA/DDMOs Group
7. PDMA Information Highway
8. PDMA Media Cell
9. PEOC official Group
10. Android Application



11. Official Website

b. Awareness Campaigns on Print Media and Radio Channels

PDMA has adapted a strategy of engaging news analysts in briefings on disaster risk reduction and impacts of climate change on communities. It results in publication of various features, stories and reports related to disaster management and guidance to general public. It has reduced the expenditure of dedicated media campaigns.

دوران برسات طوفانی بارشوں اور ممکنہ سیلاب سے بچاؤ کیلئے احتیاطی تدابیر



ہنگامی صورت حال سے نمٹنے اور لمبائی کا دورانیوں سے متعلق معلومات کیلئے اپنی ضلعی انتظامیہ کے دفتر یا پراونشل ڈیزاسٹر مینجمنٹ اتھارٹی، خیبر پختونخوا
1700
 سے کسی بھی وقت رابطہ کریں

- گھروں کی چھتوں کی معائنہ، نکاسی آب اور پانی کی پائٹی اور بیسیز وغیرہ دیکھیں
- یوسیدہ اور کچے کھانے کی برسات کے دنوں میں محفوظ مقامات پر منتقل ہونے کی تیاری رکھیں
- ہنگامی صورتحال کی تیاری کے لئے ہنگامہ جنگ شاک ضروری ادویات، چارج شدہ ہارٹ ماچین، جھمپروں سے بچاؤ کی جالی اور ضروری دستاویزات محفوظ جگہ پر رکھیں
- مکانی سیلاب کے پیش نظر پڑاؤں اور پانی کی نکاسی آب کے قریب نہ جائیں، آئین میں بیکر کئے سے گریز کریں
- برساتی نالوں اور سیوریج سسٹم میں کوآکریٹ خصوصاً پلاسٹک بیک اور ٹوٹکیں، ٹیڑھوں وغیرہ نہیں
- برساتی، پہاڑی نالوں اور پڑاؤں کے قریب رہنے والے محفوظ مقامات پر منتقل ہونے کی تیاری رکھیں
- شہر کے پستی علاقوں کے کینکڑوں کو ان کی بجلی منزل میں موجود دستی اشیاء کو باندھنا اور پھینک دینا
- ریٹیل، پی ایچ ای اور اخبارات کے ذریعے موسم اور سیلابی صورتحال سے متعلق کاہر ہیں
- تعمیراتی کاموں کی صورت میں بجلی کی تاروں کو گھبوں، سائین بورڈ اور درختوں سے دور رکھیں
- ضلعی حکومت کے محفوظ مقامات اور لیفٹ کیپس کی معلومات حاصل کریں
- کسی بھی ہنگامی صورتحال میں مساجد سے اجازت لے کر جائیں

PDMAmediacell @pdmakp www.pdma.gov.pk

محکمہ ریلیف، بحالی و آباد کاری حکومت خیبر پختونخوا



پراونشل ڈیزاسٹر مینجمنٹ اتھارٹی ادارہ برائے تعمیر نو بحالی و آباد کاری (پارسا)



موسم برسات میں خصوصی احتیاط رحمت کہیں زحمت نہ بن جائے

برسات اور سیلاب کے دنوں میں حادثات کا زیادہ خطرہ ہوتا ہے۔ ایسے میں خصوصی احتیاطی تدابیر اختیار کریں۔

- ☆ تیز آمدنی اور بارش کی صورت میں بجلی کے گھبوں، تاروں، دیگی دیاؤں، سائین بورڈ اور درختوں سے دور رہیں۔
- ☆ ہنگامی صورتحال کے پیش نظر ضروری اشیاء خورد و نوش، ادویات اور ضروری اشیاء تیار رکھیں۔
- ☆ یوسیدہ، کچے کھانے اور عمارتوں سے شدید بارش کی صورت میں بروقت منتقل ہونے کو یقینی بنائیں۔
- ☆ ضلعی انتظامیہ سے محفوظ مقامات اور لیفٹ کیپس سے متعلق ضروری معلومات بروقت لیں۔
- ☆ سیلابی ریلے معنی نالوں اور پڑاؤں کو پیدل یا کسی سواری کے ذریعے عبور کرنے کی ہرگز کوشش نہ کریں۔
- ☆ لینڈ سلائیڈ کی زد میں رہائش پذیر، پہاڑی و برساتی نالوں اور پڑاؤں کے گرد وواح کے کینکڑوں سے محفوظ مقامات کی نشاندہی کریں۔
- ☆ کسی بھی ہنگامی صورتحال کے خدشہ کے پیش نظر بروقت اطلاع کے لئے مساجد سے فوراً منادی کروائیں۔
- ☆ وفاقی فٹا FM ایف، اخبارات، ایس ایم ایس اور ٹیلی ویژن کے ذریعے موسم اور سیلابی صورتحال سے آگاہ اور باخبر رہیں۔
- ☆ ٹیلی ویژن ایسے اس عزم کا اظہار کرتی ہے کہ قدرتی آفات سے درپیش خطرات کو بہتر حکمت عملی سے کم کیا جاسکتا ہے۔
- ☆ ہنگامی صورت حال میں اپنی ضلعی انتظامیہ یا پی ڈی ایم سے خیر پختونخوا کنٹرول روم سے **1700** پر کسی بھی وقت رابطہ کریں۔



احتیاطی حادثات سے بچاؤ
 علوم کے تحفظ اور خدمت کے لئے مصروف کار
 پراونشل ڈیزاسٹر مینجمنٹ اتھارٹی
 محکمہ ریلیف، بحالی و آباد کاری، حکومت خیبر پختونخوا



موسم برسات میں خصوصی احتیاط طوفانی بارشوں اور ممکنہ سیلاب سے بچاؤ کے لئے احتیاطی تدابیر

- گھروں کی چھتوں کی معائنہ، نکاسی آب اور پانی کی پائٹی اور بیسیز وغیرہ دیکھیں
- یوسیدہ اور کچے کھانے کی برسات کے دنوں میں محفوظ مقامات پر منتقل ہونے کی تیاری رکھیں
- ہنگامی صورتحال کی تیاری کے لئے ہنگامہ جنگ شاک ضروری ادویات، چارج شدہ ہارٹ ماچین، جھمپروں سے بچاؤ کی جالی اور ضروری دستاویزات محفوظ جگہ پر رکھیں
- مکانی سیلاب کے پیش نظر پڑاؤں اور پانی کی نکاسی آب کے قریب نہ جائیں، آئین میں بیکر کئے سے گریز کریں
- تعمیراتی کاموں کی صورت میں بجلی کی تاروں کو گھبوں، سائین بورڈ اور درختوں سے دور رکھیں
- ضلعی حکومت کے محفوظ مقامات اور لیفٹ کیپس کی معلومات بروقت لیں
- سیلابی ریلے معنی نالوں اور پڑاؤں کو پیدل یا کسی سواری کے ذریعے عبور کرنے کی ہرگز کوشش نہ کریں
- لینڈ سلائیڈ کی زد میں رہائش پذیر، پہاڑی و برساتی نالوں اور پڑاؤں کے گرد وواح کے کینکڑوں سے محفوظ مقامات کی نشاندہی کریں
- کسی بھی ہنگامی صورتحال کے خدشہ کے پیش نظر بروقت اطلاع کے لئے مساجد سے فوراً منادی کروائیں
- پہاڑی علاقوں میں لینڈ سلائیڈ کی خطرناک حالتوں سے بچاؤ کے لئے احتیاطی تدابیر لیں
- تیز آمدنی اور بارش کی صورت میں بجلی کے گھبوں، تاروں، دیگی دیاؤں، سائین بورڈ اور درختوں سے دور رہیں
- خیر پختونخوا FM ایف، اخبارات، ایس ایم ایس اور ٹیلی ویژن کے ذریعے موسم اور سیلابی صورتحال سے آگاہ اور باخبر رہیں
- کسی بھی ہنگامی صورتحال میں اپنی ضلعی انتظامیہ یا پی ڈی ایم سے خیر پختونخوا کنٹرول روم سے **1700** پر کسی بھی وقت رابطہ کریں



پراونشل ڈیزاسٹر مینجمنٹ اتھارٹی



ماسک کا استعمال ضرورت بھی اور ضروری بھی
خود بھی مچھیں اور دوسروں کو بچائیں
محدود ریپس محفوظ رہیں۔

عوام کی عورت دھتکے کے لیے معروف کار،
پر اہل دل ڈیزاسٹر مینجمنٹ اتھارٹی
حکمر ریلیف بحالی و آبادکاری، حکومت خیبر پختونخوا



پاکستان میں پہلی بار
خیبر پختونخوا کے 5 دریاؤں اور 2 نالوں
پر پانی کی نگرانی کا خود کار
ڈیجیٹل ٹیلی میٹری سسٹم نصب
لاگت 6 کروڑ روپے

سیاہی صورت حال میں
اس نظام کے تحت متعلقہ ڈیپارٹمنٹ عوام کو بروقت محفوظ مقامات پر منتقلی کر سکیں گے

حکمر ریلیف بحالی و آبادکاری، خیبر پختونخوا



**پشکال بارانونو
کبھی دیر احتیاط**

پی ڈی ایم اے ددی عزم اظہار کوی چی قدرتی آفاتونو نہ ممکنہ
خطرات پہ خاتمری توگہ کم کرے شی

د طوفانی بارانونو اور سیلاب نہ بیچ کینو اپارہ احتیاطی کامونہ

- ✓ بارانی نالو او سپورج سسٹم کبھی دنہ گند او یہ خاص توگہ د پلاسٹک شاپنگ بیگ او بوتلو غوزولو نہ ڈھ لوکری
- ✓ د لینڈ سلائڈنگ، غرونو، بارانی نالو او سیندونو گہر چاہرہ اوسپونگی دی د محفوظ خایونو نشاندهی لوکری او هنگامی صورتحال کبھی دی پہ فوری توگہ هلته خان اورسوی
- ✓ د زنانو، ماشونو، مشرانو او معذورہ خلقو دی یہ خصوصی توگہ خیال اوساتلے شی
- ✓ د طوفان اور تیز باران پہ وخت کبھی د بجلی، سٹنوسائن پورونو، نارونو، کچھ دیوالونو او د ونو نہ لری اوسن
- ✓ بر وخت د ایف ایم ریدیو، اخبارونو، ٹیلی ویژن او ایس ایم ایس پہ ذریعہ خان د موسم او سیلابی صورتحال نہ خبرونی
- ✓ خاروو/خانوور دیلہ د خوراک بندوبست هم لوکری

دہر قسمہ هنگامی صورتحال پہ وخت کبھی مختلف طبعی الظلمی باہری دی ایم اے سرہ پہ دی لیمبور ایفہ کوئی شی

1700

دعوام حفاظت او خدمت د پارہ مصروف کار

پراونشل ڈیزاسٹر مینجمنٹ اتھارٹی
حکمر ریلیف، بحالی و آبادکاری، حکومت خیبر پختونخوا

PDMAmediacell @pdmakpk www.pdma.gov.pk

موسم برسات میں خصوصی احتیاط

طوفانی بارشوں اور مکند سیلاب سے بچاؤ کے لئے احتیاطی تدابیر

لی ڈی ایم اے اس سسٹم کا انکار کرنی سے کترتی آفت سے درجیل اہلرہ ک بجز کترے کلم کہا سکا ہے۔

- گروں کی بھڑوں کی منانی کلاوی آب اور کبھی دروں کے اوپر لپاتی کجانت ڈھرنکھی ہائیں۔
- گروں میں کلاوی سوتال کے کولن کھڑو، وی ایشیا کھڑو، پینے کا صاف پانی ضروری دستاویزات، ہم پائل کون ریلج، عمارت شدہ عمارت تیل، ہاتھ دھو، مہم پتیاں، چارٹ شدہ ڈیڑی، مگسروں سے بچاؤ کی تیل ضروری دستاویزات، کھول شاشی کوار، بھڑی لیس ادا، کھول ضروری اوجات اور کبھی بھرت چار کھیں۔
- شرکے لگی عمارتوں کسکھیں گروں کی لگی منزل میں موجود اہم جتنی سامان کو بھیر محفوظ اور اچھے مقام پر رکھیں۔
- بچیدو، بچے کاتہ اور عمارتوں سے دہش کی صورت میں روکھتھل اوسے کو بچنی ہائیں۔
- طس واپی امراض مسما ایڈرا ہندی چار یوں سے بچنے کے لئے روکھتھل بچکے، کیمیں اور احتیاطی تدابیر لیا کریں۔
- سیلابی ریسے بندی ہاں اور دہان کو بھول آکی ساری کلا دے کھو کر کے کی بڑ کڑ کھل نہ کریں۔
- طبعی اگلاہ سے کھو کاتہ اور ریلیف کپ سے حلق ضروری مصلحت سے روکھتھل کاکھ کریں۔
- آدھی طوفان اور تیز بارشوں کے دوران کھول دھار کجنگ سے گریز کریں۔

کسی بھی کلاوی صورتحال میں اپنی طبعی اگلاہی پانی دی ایم اے خیبر پختونخوا کنٹرول روم سے

1700 پر کسی بھی وقت رابطہ کریں۔

ہم اور آپ مل کر بنا رہے ہیں ایک محفوظ خیبر پختونخوا
لی ڈی ایم اے کا ساتھ دینے کے لئے خیبر پختونخوا کو محفوظ بنائیں

عوام کے تحفظ اور خدمت کے لئے مصروف کار
پراونشل ڈیزاسٹر مینجمنٹ اتھارٹی

موسم برسات۔۔۔ بہت احتیاط

برساتی نالوں اور سیوریج سسٹم میں کوڑا خصوصاً پلاسٹک کپ اور
بتلیں وغیرہ نہ پھینکیں

میڈیائل
پراونشل ڈیزاسٹر مینجمنٹ اتھارٹی
حکومت خیبر پختونخوا

PDMA

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CHAPTER-6

**CONTACT
DIRECTORY**

PDMA

PDMA			
1	Mr. Sharif Hussain, Director General	091-9213855	0345-9777121
2	Miss. Tabassum, Director Relief		0345-9059833
3	Ms. Zuhra Nigar, Director DRM		0332-9339957
4	Mr. Sajid Imran, Director Rehabilitation		0300-8582395
5	Mr. Zeeshan Abdullah, Director		0333-9997446
6	Mr. Haleem Shah, Deputy Director DRM	091-9219628	0333-9085976
7	Mr. Yasir Nisar, AD (Warehouse). relief		0321-5778404
8	Mr. Ismail Khan, DRM Specialist		0345-9297005
9	Mr. Sajid Ali, Coordinator DRM		0345-9290907
10	Mr. Waqar Ali Shah, MIS Officer		0346-4719665
11	Mr. Taimur Ali, AD (Focal Person Media)	091-9216532	0346-4081890

1. Provincial Emergency Operation Centre (PEOC) in PDMA

Incharge Name	Telephone Number	Fax Number
Mr. Fahad Tahir Incharge PEOC Whatsapp# 0311-9281272	091-9219635	091-9219637
	091-9219636	
	1700 (Toll Free Number for General Public)	

2. List of Divisional Reporting Officers of PDMA

S.No	Name	Designation	Divisions	Contact No
1	Muzakir shah	Reporting Officer	Mansehra	0345-9500474
2	Muhammad Umar khan	Reporting Officer	Mardan	0345-9373099
3	Muhammad Faheem	Reporting Officer	DIKhan	0332-9737678
4	Salman Mulk	Reporting Officer	Malakand	0334-9023995
5	Maqsood Anwar	Reporting Officer	Kohat	0345-9052824

3. List of District Coordinators Complex Emergencies Wing, PDMA

1	Mr. Zia Rehman	Khyber	0300-5969632
2	Mr. Imran Wazir	North Waziristan	0333-9118404
3	Mr. Said Umer	South Waziristan	0345-9898203
4	Mr. Mujahid Ali Turi	Kurram	0301-8868401
5	Mr. Khalid Saleem	Bajaur	0336-9262630
6	Mr. Irfan Ullah Bangash	Orakzai	0333-9173263
7	Mr. Shahid Salarzai	Mohmand	0333-9217154

4. Contact list of NDMA and other PDMA's

Sr. No.	Name and designation	Office no/ fax no	Cell no
1	Lt. General Akhtar Nawaz Sathi, Chairman, NDMA.	051-9222373	0333-5388693
		051-9212444	
		Fax no: 051-9202407/9204197	

2	Lt. Col. Muhammad Ala-Ud-Din, Director Response, NDMA	dirresponse@ndma.gov.pk	0331-1131313
3	National Emergency Operation Center	UAN: 111157157, 051-9205037/ 051-9205086	
4	Mr. Syed Salman Shah DG, PDMA, Sindh.	021-35381810 99266004	0302-8207555
5	Mr. Lt. Sohail Ashraf DG PDMA, Punjab.	042-99203164-5 Fax no: 042-99204405	0304-0920096 0322-5999950
6	Mr. Naseer Ahmad Nasir, DG, PDMA, Balochistan.	081-9241118	0345-8359200
7	Mr. Syed Shahid Muhiyuddin Zadri, Secretary/DG, SDMA, Muzaffarabad, Kashmir.	05822-921536 921643	0300-5721192
8	Farid Ahmad, DG, Gilgit Baltistan Disaster Management Authority (GBDMA).	05811-922030 920874 Fax no: 05811-920875 Fax no: 0919216520	0346-9217555

5. Rescue 1122 District Emergency Officers

S. No.	District	District Incharge	Cell Phone	Office	Control Room
1.	Abbottabad	Mr. Imran Khan Yousafzai	0314-9629626	0992-9310519	0992-9310560
2.	Bajaur	Mr. Amjad Khan	0346-9717699	0942-220845	0942-220846
3.	Bannu	Mr. Afaq Ahmad	0321-9069427	0928-620739	0928-664230
4.	Battagram	Mr. Kashif Khattak	0333-9019799	0997-310180	0997-310180
5.	Buner	Mr. Kashif Khan	0301-8906700	0939-510120	0939-510129
6.	Charsadda	Mr. Ghayour Mushtaq	0313-5410976	091-6515382	091-9220192
7.	Chitral	Mr. Zafar-ud-Din	0344-5188581	0943-414092	0943-414093
8.	D.I. Khan	Mr. FazalManan	0334-5889846	0966-9280438	0966-715166
9.	Dir-L	Mr. IzharAlam	0343-9665052	0945-9250177	0945-821660
10.	Dir-U	Mr. Shah Wali Khan	0302-5742085	0994-880587	0944-880580
11.	Hangu	Mr. Jawad Khalil	0333-9211455 / 0312-9001122	0925-621370	0925-621360
12.	Haripur	Engr. Shariq Riaz Khattak	0313-7775858	0995-920185	0995-920186
13.	Karak	Mr. Noor-ul-Amin	0345-9805740	0927-291364	0927-210364
14.	Khyber	Mr. Malak Ashfaq Hussain	0333-3331233	091-5820405	091-5820404
15.	Kohat	Mr. Naveed Khan	0313-9518401 / 0300-9025779	0922-9260048	0922-9260060
16.	Kohistan-L	Mr. Hazrat Nawab	0301-5323986	0998-405013	0998-405013
17.	Kohistan-U	Mr. Amjid Khan	0315-9429395 / 03338385822	0998-407212	0345-4520049
18.	Kuram	Mr. Adnan Ullah	0313-5541122	0926312491	0926312494
19.	Lakki Marwat	Mr. Arif Marwat	0333-9976876	0969-538217	0969-538214
20.	Malakand	Mr. Arshad Iqbal	0333-5958151	0932-411281	0932-411282-3
21.	Mansehra	Mr. Hafeez-ur-Rehman	0321-5266593	0997-920125	0997-920126
22.	Mardan	Mr. Inayat Shah	0335-5106092	0937-9230770	0937-9230771
23.	Mohmand	Mr. Hayat Ullah	0346-9043935	0924-290286	0331-8183954
24.	North Waziristan	Mr. Bakhat Rawan	03459005996	0928-312746	0928-312747
25.	Nowshera	Mr. Awais Babar	0333-9410249 / 0312-3148989	0923-9220299	0923-9220312
26.	Orakzai	Mr. Jan Muhammad	0312-9271163 / 03329346517	0925-650038	0925-650035



27.	Peshawar	Dr. Mir Alam Khan	0311-8242148	091-9225306 091-2584895	091-9225304
28.	Shangla	Mr. Ibrar	0342-9666204	0996-850401	0966-850403
29.	South Waziristan	Mr. Yasir Khan	0300-9008678	0965210028	0965210017
30.	Swabi	Mr. Haroon Rasheed	0333-8876363	0938-280428	0938-280423
31.	Swat	Mr. Malik Sher Dil	0344-2379332	0946-9240262	0946-9240249
32.	Tank	Mr. Israr	0334-8851166	0330-4260560	0963-511100

6. Emergency Control Room

Emergency Control Rooms Contacts					
NDMA Control Room	051-9205037	051-9087825	051-111157157 051-9030848 Fax (Direct Response)		
PDMA (Emergency Complex Wing)	9216483-403 (Control Room)				
Peshawar District	091-9211338	EWS 0313-8789087 Sajid EWS 0300-9366366	Police Control Room: 9212222		
Charsadda District	091-9220024 / 9220137 (PDMA-Haroon)	091-9220021	Fax: 9220137		
DENGUE CR PESHAWAR	9210851 PMD Helpline 1315				
Nowshera District	0923-9220099	DC Home: 0923-9220098			
Khyber District	091-9211901/2	PA Khyber 091-9211901/2			
Mohmand District	0924-290004				
Malakand Division Emergency Control Room Contacts					
Buner District	0939-510450 abdul salam				
Shangla District	0996-850005 (Control Room)	0996-850008 Night Shift 0996-850911 (ADC office)			
Swat District	0946-9240341(DC Office) (Salim 0333-9488321)	0946-9240338 (0946-9240337 after office timing) 0946-9240339 (CR), 0946-9240008			
Chitral Lower District	0943-412519	0943-413858			
Chitral Upper District	0943-470355/356	0943-470025 Mumtaz Hussain (Relif Section) 0301-8953961			
Dir Lower District	0945-9250029	0945-9250002/1 0333-9327929 Obad			
Dir Upper District	0944-880104/3	0334-8434711 (Raess (Steno))			
Malakand District	0932-452080,	0932-452043			
Bajaur	0942-220432				
Hazara Division Emergency Control Room Contacts					



Mansehra	0997-920170	0311-5539346 0997-920174 (CR)/304148 (Steno)
Abbottabad District	0992-9310200	0992-9310464 0992-9310553 (Control Room)
Haripur District	0995-613391 (DC Off)	0995-614115 0995-610455(DDMO) 0995-613389 (Control Room)
Battagram District	0997-310136	0997-310071 (DPO House)
Kohistan Upper District	0998-407002	0998-407193 0998-407029 (Control Room)
Kohistan Lower District	0998-405166	0998-405031 DC Office 0998-405091
Kolai Pallas Kohistan	0346-9653522 (AC)	DC Cell # 0345-9088265
Tor Ghar		0346-9708912 Faisal Latif (PS to DC)
Mardan Division Emergency Control Room Contacts		
Mardan District	0937-9230701, 9230048/45	Nisar Malang: 0332-6700005(InchargeC.Room) (1122 No. 0937-9230770/71) (Contol Room 0937-9230048/45)
Swabi District	0938-920016 DC Office 920009	0938-920006(Control Room)
Kohat Division Emergency Control Room Contacts		
Kohat District		0922-9260304 (AC) 0922-9260268 CR 0922-9260046
Hungu District		0925-623968 0925-621175
Karak District		0927-210825 0927-210600
Kurram		0926-520399, 0926310599
Orakzai		0925-690008/690003
D.I.Khan Division Emergency Control Room Contacts		
D.I.Khan	(DC) 0966-9280116	(AC) 0966-9280117 0342-9479768 Liaqat Laghari
Tank District	0963-510835 Control Room	(AC) 0963-512290 (DC) 0963-511326
South Waziristan	0963-510364	0963-510709 (Clerk)
Bannu Division Emergency Control Room Contacts		
Bannu District	0928-9270032	0928-9270039 0332-3080397 (Sabir- Focal Person)
Lakki Marwat District	0969-538330	(AC) 0969-510548
North Waziristan		0928-230257
Important Control Rooms Contacts		



Peshawar District (Rivers Gauge Reader)	9212114 (1052)	
Army Office (Lt. Osama)	5273190 Major Asad: 0321-4683833	
Federal Flood Commission 05-9244616	Flood Forecast Lahore 042-99200139 HQ 10 Corp: 051-9280782	
Seismic Earth Quake 051- 9250597 051-9250291	Warsak Dam (Control Room 2385103) Operation Room CPO: 9210457, 9214090 Fax (9213165) whatsapp (0344-2272211)	
Rescue 1122 Team		
Falak Zeb 0315-0942451	Nasir Saleh 0345-9288185	Imran Sayed 0312-5252137

7. Commissioners

Name	Division	Office	Fax	Mobile/Whatsapp	Email
Mr. Zaheer Ul Islam	Malakand	0946-9240226,0946-9240185	0946-9240229-178,0946-9240223(House)	0344-9598383	commissionermkd@gmail.com
Mr. Riaz Khan Mahsod	Hazara	0992-9310111/9310222/9310444	0992-9310500	0300-8599055	commissionerhazara@gmail.com
Mr. Syed Abdul Jabar Shah	Mardan	0937-9230572-73	0937-9230578	0344-9047828	commissionermrd@yahoo.com
Mr. Amjad Ali Khan	Peshawar	091- 9211337	091-9214085	0341-0992323	commissionerpsh@gmail.com
Mr. Javed Marwat	Kohat	0922-9260002	0922-9260105	0313-5020202	commissionerkohat@gmail.com
Mr. Shaoukat Ali Yousafzai	Bannu	0928-9270044	0928-9270041	0346-9443331	commissionerbannu@hotmail.com
Mr. Amer Latif	D I Khan	0966-9280351	0966-9280352	0301-8085985	commissionerdikhan@yahoo.com

8. Deputy Commissioners

S#	District	Name of Officer	Office	Residence	Fax	Mobile	Whatsapp No.
1	Abbottabad	Mr. Capt® Nadeem Nasir	0992-9310200/01-24	0992-9310464	0992-9310202	0344-7524233	0344-7524233
2	Bajaur	Mr. Fayaz Sherpoo	0942-220558/9	0942-220558	0942-220388	0345-9314089	0345-9314089
3	Bannu	Mr. M. Zubair Niazi	0928-9270032	0928-9270032	0928-9270079	0301-8388835	0301-8388835
4	Battagram	Mr. Abdul Hameed Khan	0997-310030/310136	0997-310136	0997-310051	0341-6333090	0341-6333090
5	Buner	Mr. Nasr Ullah	0939-510450	0939-510888	0939-510427	0334-9373333	0334-9373333
6	Charsadda	Mr. Sadat Hassan	091-9220024	091-9220020	091-9220021	0333-5585210	0333-5585210

7	D.I.Khan	Mr. Arif Ullah Awan	0966-9280116	0966-9280022	0966-9280110	0300-5929888	0300-5929888
8	Dir Lower	Mr. Aun Haider Gondal	0945-9250003/09459250031	0945-9250002	0945-9250001	0321-5771159	0321-5771159
9	Dir Upper	Mr. Shoaib	0944-880394	0944-880104	0944-881130	0333-3396473	0333-3396473
10	Hangu	Mr. Hameed Ullah Shah	0925-621175	0925-623968	0925-620050	0301-8071599	0301-8071599
11	Haripur	Mr. Mughees Sanaullah	0995-920200	0995-611149	0995-615412	0301-8071599	0301-8071599
12	Karak	Mr. Abdul Ghafoor	0927-210825/828, 0333-9713050 ishtaiq	0927-210825	0927-210925	0334-0040022	0334-0040022
13	Khyber	Mr. Mansoor Arshad	9211901/4	9211904	9211900	0333-9142078	0333-9142078
14	Kohat	Mr. Capt (R) Abdul Rehman	0922-9260268	0922-9260031	0922-9260032	0333-8181828	0333-8181828
15	Kolai Pallas	Mr. M Tariq	PTCL Connection Not Availble			0332-9836937	0332-9836937
16	Kurram	Mr. Aafaq Wazir	0926-310599/313532/310766	0926-310599	0926-310520/311797	0300-9773332	0300-9773332
17	Lakki Marwat	Mr. Abdul Haseeb	0969-538330-1	0969-538331	0969-538333	0333-9417841	0333-9417841
18	Lower Chitral	Mr. Hassan Abid	0943-412055/412519/412368	0943-412519	0943-412421	0321-5722588	0321-5722588
19	Lower Kohistan	Mr. Saiful Islam Shah	0998-405091	0998-405113	0998-405092	0300-0707111	0300-0707111
20	Malakand	Mr. Sohail Khan	0932-452080	0932-452043	0932-452105	0332-1714723	0332-1714723
21	Mansehra	Mr. Qasim Ali Khan	0997-920174	0997-920174	0997-305513	0347-2221110	0347-2221110
22	Mardan	Mr. Habibullah Arif	0937-9230048/45	0937-9230457	0937-9230303	0333-9107828	0318-9626004
23	Mohmand	Mr. Ghulam Habib	0924-290001 (Adc 0924-290189)	0924-290002	0924-290075	333-9443314	0333-9443314
24	North Waziristan	Mr. Shahid Ali	0928-300798	0928-300798	0928-300642/300600	0346-9293209	0346-9293209
25	Nowshera	Mr. Mir Reza Ozgen	0923-9220099/98/9220098/99	0923-9220098	0923-9220159	0345-8550381	0345-8550381

26	Orakzai	Mr. Muhammad Khalid	0925-690008/3	0925-680003	0925-690007	0333-9375427	0333-9375427
27	Peshawar	Mr. Khalid Mahmood	091-9212302	091-9211338	091-9211418	0341-3111555	0341-3111555
28	Shangla	Mr. Hamid Ur Rehman	0996-850005/850911	0996-850008	0996-850006	0346-5300497	0346-5300497
29	South Waziristan	Mr. Khalid Iqbal	0963-510364/510386		0963-510442	0332-9604323	0332-9604323
30	Swabi	Mr. Shahid Mehmood	0938-920006	0938-221220	0938-221500	0300-6990799	0300-6990799
31	Swat	Mr. Junaid Khan	0946-9240340/337	0946-9240338	0946-9240329	0333-9137808	0333-9137808
32	Tank	Mr. Kabir Afridi	0963-511326	0963-511326	0963-510300	0333-8393939	0333-8393939
33	Torghar	Mr. Tanveer Ur Rehman	"(Faisal Latif) 0346-9708912	0340-0562010	0997-580188	0333-5705222	0333-5705222
34	Upper Chitral	Mr. Shah Saud	0943-470025		0943-470356	0346-9181510	0346-9181510
35	Upper Kohistan	Mr. Muhammad Arif	0998-407002	0998-407193	0998-407001	0345-5056262	0345-5056262

9. District Disaster Management Officers (DDMOs)

S.No.	Name	District	Cell Phone	Whatsapp	Office Phone	Fax
1	DR. Mujtaba Arafat	ABBOTABAD	0333-6754701	0333-6754701	0992-9310203	0992-9310202
30	Mr. Fazle Raheem	BAJAUR	0344-4827462	0344-4827462	0942-220558/9	0942-220388
2	Mr. Tayyab Hayat	BANNU	0344-8708007	0344-8708007	0928-9270039	0928-9270039
3	Mr. Tehmaz	BATTAGRAM	0346-5999013	0346-5999013	0997-310391(ac)	0997-310051
4	Mr. Nadir Shahzad	BUNER DAGGAR	0301-3848791	0301-3848791	0939-511444/0939510234	0939-510427
5	Mr. Adnan Jamil	CHARSADDA	0333-5035538	0333-5035538	091-9220137/haron0333-9319906	091-9220026
6	Mr. Saqlain Saleem	CHITRAL LOWER	0331-7002901	0331-7002901	0943-413686,0943-412368 (Rasheed (Asst) 03025976631)	0943-413686
7	Mr. Adnan	CHITRAL UPPER	0300-5825453	0300-5825453	0943-470025	0943-470025
8	Mr. Sameer Hassan Laghari	DIKHAAN	0333-3094266	0333-3094266	0966-9280117	0966-9280110
9	Mr. Tahir Ali	DIR LOWER	0316-1221039	0346-9755453	Home-0945-9250002/03 Office-0945-9250029	0945-9250001
10	Mr. Sikandar Khan	DIR UPPER	0345-8829106	0345-8829106	0944-880506/880594/880278	0944-881130

11	Mr. Asif Kamran	HANGU	0332-5450108	0332-5450108	0925-622682/623782- Shahid Munawar P.A to DDMO 0336-5821996-0333-9677749	0925-621175
12	Mr. Muhammad Hassan Ahsan	HARIPUR	0322-4742074	0322-4742074	0995-610455	0995-615412
13	Mr. Muhammad Shah Jamil	KARAK	0300-5444048	0300-5444048	0927-210710	0927-210825
29	Mr. Naik Muhammad Bangash	KHYBER	0333-9619004	0300-9396779	9211905	9211900
14	Mr. Talha Zubair	KOHAT	0323-4012950	0323-4012950	0922-9260046	(ASSISTANT DDMU 03339622415)
15	Mr. Moeen Din Khattak	KOHISTAN LOWER	0343-9316718	0343-9316718	0998-405091	
16	Mr. Asim Abbasi	KOHISTAN UPPER	0346-5683212	0346-5683212	0998-407029	(Fazal Haq Assistant 0313-5885509 whatsapp) 0998-407001
17	Mr. Nouman Wazir	KOLAI PALLAS	0332-9816565	0332-9816565		
32	Mr. Shahid Rafique	KURRAM	0336-6300106	0306-5790041	0926-520399	0926-310520
18	Mr. Umar Bin Riaz	LAKKI MARWAT	0322-5169626	0322-5169626	0969-510548	0969-350955
19	Mr. Sohail Ahmad Khan	MALAKAND	0344-9758646	0344-9758646	0932-412254/0342-8281294 Rlif Asst	0932-413199
20	Mr. Jawad Sardar	MANSEHRA	0333-7463791	0333-7463791	0997-300751	0997-305513
21	Dr. Saman Abbas	MARDAN	0333-8157125	0333-8157125	0937-9230701/ 0341-5376622 islam	0937-9230303
31	Mr. Hamid Iqbal	MOHMAND	0345-9563000	0345-9563000	0924-290004	0924-290075
34	Mr. Adnan Ibrar	NORTH WAZIRISTAN	0336-8444439	0313-7478999	0928-21414	0928-21414
22	Mr. Furqan Ashraf	NOWSHERA	0333-6682044	0333-6682044	0923-9220104	0923-9220220
35	Mr. Adnan Ahmed	ORAKZAI	0332-9561249	0332-9561249	0925-690005/0925-650002	0925-690007
23	Dr. Ihtisham Ul Haq	PESHAWAR	0323-5003839	0323-5003839	091-9212304- 9210077/Haseeb 03329085616	091-9212303,091- 9214025
25	Mr. Wajid Ali	SHANGLA	0345-1463523	0345-1463523	0996-850007/3337/850793	0996-850006
33	Mr. Ijaz Akhtar	SOUTH WAZIRISTAN	0315-9282100	0315-9282100	0963- 512224	0963-510442
24	Mr. Islah Ud Din	SWABI	0308-8888308	0308-8888308	0938-221401	938221917
26	Mr. Shoozeb Abbas Naqvi	SWAT	0344-8708007	0344-8708007	0946-9240341 -9240008/ 0333-9488321 m.saleem	0946-9240329
27	Mr. Abdul Hameed Afridi	TANK	0333-9554599	0333-9554599	0963-512290/510835	0963-510300
28	Mr. Azhar Zahoor	TOR GHAR	0334-1015021	0334-1015021	Faisal Latif (PS to DC) 0346-9708912	0997-322029 not working

10. Chief Engineer (North) Irrigation Department

District	Appointment	Name	Resident	Mobile
Peshawar	Canal Collector	Gohaar Khan		0300-5963979
Dir	Execuve Engineer	Sajjad Khan		0945-9250068 0345-9359728
Dir	SDO Balambat	Jehanzeb		0945-9250110 0344-9165952
Dir	SDO, Dir Chakdara	Tahir Said		0313-5779500
Malakand	Execuve Engineer	Engr. Seerin Khan		0932-452049 0312-9669510
Malakand	SDO W/W	Bakhtiar Khan		0932-452063 0345-3978855
Mardan	Superintending Engineer	Hayat Ud Din		0937-9230194 0300-5885154
Mardan	Execuve Engineer	Sohail		0937-9230195 0333-9161619
Mardan	SDO Mardan	Sher Akber		0937-9230235 0345-9994010
Peshawar	Chief Engineer (North)	Engr. Nasir Ghafoor		0314-9061283
Peshawar	Superintending Engineer (H/Q) Engr.			
Peshawar	Technical Officer		Engr.	0332-9811986
Peshawar	Deputy Director Design		Engr. Ameer Muhammad	0346-9278118
Peshawar	Superintendent (SWO)		Sherzaman	0333-9102952
Swat	Superintending Engineer		Ghulam Ishaq	0946-9240164 0308-8885566
Swat	Execuve Engineer		Wasim Mailk	0946-9240165 0335-9735318
Swat	SDO Matta		Nazir Ahmad	- 0344-9454444
SWABI IRRIGATION CIRCLE				
Abbottabad	Executive Engineer	Taimor Zahid		0992-9310247 03059685529
Abbottabad	SDO Abbottabad	Gul Shehzad		0992-9310247 0345-9552018
Abbottabad	SDO Haripur	Shoaib		0995-319323 0332-9888911
Abbottabad	SDO Kohistan	Iqbal		0333-5603920
Chitral	Executive Engineer	Ali Ahmad		0943-412641 0945-3412641 0301-8979077
Chitral	Sub Division Officer	Azeem Ullah		0340-1917695
Peshawar	Executive Engineer Mechanical	Idrees Khan		091-9212120 0943-412641 0302-8594444
Swabi	Superintending Engineer	Engr. Rohol Mohsin		0938-224204 0333-9059030
Swabi	Execuve Engineer	Jawad Khan		0938-530484 0303-8718300
Swabi	SDO Shahbaz Garhi			0937-580590
Swabi	Executive Engineer	Engr. Tariq Ali		0938-221392 03367761949
Swabi	SDO Pehur	Engr. Hassan Khan		0938-221392 0341-9741709

11. Chief Engineer (South) Irrigation Department

Dis:	Designation	Name	Office cell/Fax No.	Mobile
Peshawar	Chief Engineer (South)	Engr: Sahibzada Muhammad Shabir	9212116 03339331123	
-do-	Superintending Engineer, South (H/Q)	Engr: Zahoor Muhammad	9212174 03009152983	
-do-	Technical Officer	Ayesha Amir	9212122	
-do-	Deputy Director (Planning)	Ahmad Amin	9112119 03131313276	
-do-	Deputy Director (Design)	Masood Ahmad	9212119 03315062426	
-do-	Canal Collector	Mr. Arshad Nasir	9210659 03339682555	
-do-	Administrative Officer	Mr. Khitab Gul	9212118 03339732322	
Peshawar	Executive Engineer	Engr. Hafiz Muhammad Yasir	9212114 03162211396	
-do-	SDO Irr: Sub Divn: Peshawar	Mr. Jehanzeb Khan	9111907 03156989836	
Abbottabad	SDO Abbottabad	Ms. Rabia Abbasi	0922-9310354 03345759982	
Bannu	SDO Bannu	Mr. Fahullah	0928-9271997 03366322424	
Peshawar	Project Director	Engr: Saeed Ur Rehman	9222774 03339233643	
-do-	Project Manager	Engr: Roohul Mohsin	9222775 03339059030	
Peshawar	Project Director	Engr. Wilayat Khan	922617055 03469314743	
Peshawar	Deputy Director	Engr. Faradon	03469314743	
Peshawar	Assistant Engineer	Engr. Shoukat Bacha	03469322058	
Peshawar	Assistant Engineer	Engr. Hibu Rehman	03449077000	
Peshawar	Assistant Engineer	Engr. Shfaqat Fahim	03018896238	
S.E Peshawar Irr: Circle Peshawar.		Engr. Aftab Khan	0919212115 03005877907	
Peshawar	Executive Engineer	Engr: Samiullah Khan	9210102 03038173125	
-do-	SDO KRC	Engr: Iqbal	9210113 03339130339	
-do-	SDO Civil Canal	Engr: Sabir	9210102 03339276745	
-do-	SDO Drainage	Engr: Amanullah	03446985122	
-do-	Deputy	Mr. Gohar Ali	03005963979	
Peshawar	Executive Engineer	Engr. Sher Zaman	9212502 03208889995	
-do-	SDO	Mr. Shahbaz Khan	9212502 03469777505	
-do-	SDO	Engr. Farman	9212502 03339102711	
-do-	SDO	Eng: Inayat Khan	9212502 03339102711	
Peshawar	Executive Engineer	Engr: Javeed Iqbal	9222731 03022278228	
-do-	SDO T/W SDivn: Pesh:	Engr: Amir Mehmood	9222731	

-do-	SDO T/W Pabbi	Mr. Hamid Nawaz	03439677728
Charsadda	XEN	Engr. Batoor Zaman	6514641 03008591803
-do-	SDO Charsadda	Engr. Saif Ullah Khan	03449035864
-do-	SDO Shabqadar	Farid Gul	628144 03139191366
-do-	SDO Tangi	Dawood Khan	6181144 03018822009
Bannu	SE Bannu	Engr: Noor Kamal Khan	0928-9270061 03005840064
-do-	XEN: Marwat Canal	Engr: Amir Muhammad	0928-9270063 03469278118
-do-	SDO Civil Canal	Engr. Fareed Ullah Khan	0928-9270063 03339743899
-do-	SDO Sarai Naurang	Engr. Saeed Ullah	0928-9270063 03459806595
Bannu	XEN: Bannu Canal	Engr: Anwar Khan	0928-9270056 03005904181
-do-	SDO Head Work	Engr. Noraa Jan	0928-9270056 03348805559
-do-	SDO Jani Khel	Engr: Hidayat Ullah	0928-9270056 03467991586
-do-	SDO Tajori	Ismail Khan	0928-9270056 03455044165
Kohat	XEN: Kohat	Engr: Taimoor Zahid	0922-9260173 03059685529
-do-	SDO Tanda Dam	Engr. Mehmood Sultan	0922-9260173 03337075576
-do-	SDO Project	Mr. Mazhar Hussain	0922-9260173 03139980188
-do-	SDO Irr: S/Divn:	Mr. Daud Khan	0922-9260173 03339619339
CRBC	XEN CRBC	Engr: Sulaiman Daud	0966-9280237 03119594466
CRBC	SDO	Naqeeb Ur Rehman	0966-9280113 03339733117
CRBC	SDO	Javed Ullah Khan	0966-720074 03339746161
D.I. Khan	XEN: Flood	Engr: Ghulam Rasool	0966-713303 03459843010
D.I. Khan	SDO	M. Rizwan	0966-713303 03467847305
D.I. Khan	SDO	Zulqarnain	0966-713303 03366770590
D.I. Khan	SDO	Jamshed Ahmad Raees	0966-713303 03339971908
D.I. Khan	XEN: Gomal Zam	Engr: Tariq Ali Khan	0966-9280336 03367761949
D.I. Khan	SDO	Muslim Din	0966-9280336 03459871970
D.I. Khan	SDO	Engr: Qazi Shafqat Abdul Ghafoor	09669280024 03367847505
D.I. Khan	SDO	Ashraf Khan	0966-9280024 03467844778
Peshawar	Chief Engineer (South) Irrigation Dept	Engr: Sahibzada Muhammad Shabir	0919212116 03339113323
Peshawar	Superintending Engineer (Head Quarter) South	Engr: Zahoor Muhammad	0919212174 03009152983
Peshawar	Irrigation Circle Peshawar	Engr: Aftab Ahmad	0919212115 03005877907
DIKhan	Irrigation Circle DI Khan	Engr: Khizar Hayat	09669280238 0335566003
DIKhan	Flood Irri: Division	Muhammad Tahir	0966713307 03329811986
Peshawar	CE (S) Irrigation Peshawar	Engr: Samiullah Kundi	0919212119 03419604967

12. Pakhtunkhwa Highway Authority (PKHA)

Name	Designation	Office	Cell Number
Engr: Ejaz Ahmad	Director-I	091-9213272	0300-5905767
Engr: Munir Hussain	Director-II	091-9210963	0300-9110660
Engr: Arshad Khan	Director-III	091-9213522	0334-5286373
Engr: Shahab Ahmad	DD (HQ)	091-9213522	0333-9232969
Engr: Abdus Salam	DD (Center)	091-9210444	0332-3866600
Engr: Arsalan Zeb	DD (North) Swat	0946-9310543	0334-9018538
Engr: Shafiq Ur Rehman	DD (East) Abbottabad	0992-9310543	0334-5168811
Engr: Mohsin Zafar	DD (RMU) Naguman	091-6224 397	0333-8584111
Engr: Waqas Ali Shah	DD (South) Kohat	091-9211469	0315-0091072
Engr: Waqas Ali Shah	DD (Merged Area) DIKhan	0966-9280340	0315-0091072

13. Administrative Secretaries of Provincial Departments

RELIEF REHABILITATION AND SETTLEMENT DEPARTMENT	Name and Designation	Telephone	Mobile
	Mr. Yousaf Rahim	9212058	0300-8581100
	PS to Secretary Mr. Nasir Khan	9212058	0321-9071584
	Additional Secretary Mr. Muhammad Asghar	9213250	0335-4110511

S.No.	Name and Designation	Telephone	Mobile	Ext:	Whatsapp
1	Food Department.	Mr. Khushal Khan	9225373	9225374- 9225378	0300-8597134
2	Health Department	Mr. Imtiaz Hussain Shah	9210342	9210419	0321-9111123
3	Higher Education, Archives And Libraries Department.	Mr. Dawood Khan	9210337	9210368	0333-9107765
4	Home and Tribal Affairs Department.	Mr. Ikram Ullah Khan	9211121	9210201	0344-8333111
5	Information And Public Relations and Culture Department.	Mr. Arshad Khan	9210365	9210387	0346-2666888
6	Irrigation Department.	Mr. Tahir Orakzai	9210845	9210874	0301-8580908
7	Local Government, Election Rural Dev: Department	Mr. Shakeel Ahmad Mian	9211450	9210323	0300-9440821
8	Planning And Development Department	Mr. Amer Sultan	9210516	9211369	0345-4080018
9	Population Welfare Department	Mr. Sayed Alamgir	9211535	9213466	

10	Sports, Tourism and Museums Department	Mr. Abid Majeed	9212086	9212535	0342-1118887
11	Zakat, Usher and Social Welfare and Women	Mr. Zulfiqar Ali Shah	9211931	9213238	0345-6661111
12	CandW Department	Engg. Ijaz Hussain Ansari	9210859	091-9223454	0334-8111555

14. District Health Officers in Khyber Pakhtunkhwa

S.No	District	Name of DHO	Contact / Office No.	Email
1	Abbottabad	Dr. Shah Faisal Khanzada	03038035716 09929310192	edohabd@yahoo.com
2	Bannu	Dr. Muhammad Rasool Jan	03005972506 09289270227	dhobabnnu311@yahoo.com
3	Battagram	Dr. Waseem Ahmad	03005616247 0997310507	Fayyazshah1981@gmail.com
4	Bunner	Dr. Tariq	03339693147 0939510138	dhobunner@gmail.com
5	Charsada	Dr. Syed Muhammad Idrees	03005961964 9220159	dhochd01@gmail.com
7	Chitral Lower	Dr. Shahzad Muhammad Haider	03025514323 0943412754	dhochitral@gmail.com
8	Chitral Upper	Dr. Rehmat Aman	03449734264	dhochitralupper@gmail.com
9	D.I Khan	Dr. Arif Mehmood	03459807442 0966933199	dhodikhan@yahoo.com
10	Dir Lower	Dr. Muhammad Nazir Khan	03339564141 09459250098	dhodirlower@gmail.com
11	Dir Upper	Dr. Fazal Baseer	03409496120 0944880808	Admn6066@gmail.com
12	Hangu	Dr. Sana Ullah Khan Bangash	03349934806 0925623034	edohealthhangu@gmail.com
13	Haripur	Dr. Saif Ullah Khalid	03219806506 0995353576	dhoharipur@yahoo.com
14	Karak	Dr. Niaz Ali Khan	03459662388 0927290537	dhokarak@gmail.com
15	Kohat	Dr. Syed Muhammad Samin	03339617705 0922514100	dhokohat@gmail.com
16	Kohistan Kolai Palas	Dr. Amir Hamza	03456558057	dhokpk727@gmail.com
17	Kohistan Lower	Dr. Muhammad Sadiq	03455001825	dhokohistanlower@gmail.com
18	Kohistan Upper	Dr. Taj Muhammad Khan	03129915735 0998407132	Daniyaldhis@gmail.com
19	Lakki Marwat	Dr. Abdul Gul	03339107050 0969510472	dholakki@yahoo.com
20	Malakand	Dr. Sabih ud Din	03009075052 0932410399	dhomalakand279@gmail.com
21	Mansehra	Dr. Mushtaq Khan	03144111199 09974920169	edomra@yahoo.com
22	Mardan	Dr. Kachkol Khan	03459413649 09379230030	mardandho@gmail.com



23	North Waziristan	Dr. Ikram Ullah Safi	03334242629 0928300788	drikramsafi1122@gmail.com
24	Nowshera	Dr. Gulman Shah	03350951925 0923580759	nowsheradho@gmail.com
25	Peshawar	Dr. Azmat Ullah	03005938737 0919225388	dhispeshawar@gmail.com
26	Shangla	Dr. Abdul Waheed	03005794373 0996850653	edoshahngla@gmail.com
27	Swabi	Dr. Kaleem Ullah Khattak	03339104314 0938300053	edohealthswabi@yahoo.com
28	Swat	Dr. Muhammad Saleem	03009070437 09469240139	edoh@gmail.com
29	Tank	Dr. Ihsan Ullah	03005793804 0963510755	edohtank1@hotmail.com

15. Meteorological Department

Name	Designation	Office No.	Cell No.
Syed Mushtaq Ali shah	Director	091-9210190	0333-5041282
Alamzeb	Dy Director	091-5279717	0300-5683101
Muhammad Fahim Ahmad	Dy Director	091-9212410	0333-5224566
Muhammad Nadeem Ahmad	Meteorologist	091-9212410	0348-9455873

16. Stations wise Focal Person

Station	Name	Designation	Cell No.
Balakot	Zaheer Iqbal	Met Asstt Incharge	0312-1850049
	Shahid Mehmood	SO	0310-5756717
	M Arif	SO	0312-4677557
	H M Hussain	SO	0343-8903808
	Wakar Ahmed	SO	0311-5863756
	M Farid	Chowkidar	0342-9432730
	Naeem Rasheed	Chowkidar	0344-4250682
Bannu	Nazar Hayat	MA Incharge	0346-7869689
	Muhammad Qasim Khan	SO	0333-9722150
	Mir Muhammad	SO	0333-9966077
	Qudrat Ullah	SO	0347-9139775
	Muhammad Aslam	Chowkidar	0311-9072566
	Farman Ullah	Qasid	0313-9892372
Chitral	Manzoor Ahmad	In charge	0346-9892825/0333-9989155

	Imtiaz Ahmad	SO	0344-9700978
	Hafeez ur Rahman	SO	0300-7319486
	Ihtisham ul Haq	Observer	0348-9236868
	Altaf ur Rahman	RM	0346-9893941
Drosh	Abdullah	Met Asstt Incharge	0307-8522615
	Shah Khalid	SO	0346-9894150
	Muhammad Alam	SO	0324-9891903
	Farht Ali Shah	SO	0342-9633622
	Fazal Karim	BM	0344-2801559
	Mehrab Hussain	Chowkidar	0345-9332095
	Yousuf Ali	Khakrob	0341-1177211
Dir	Nasruddin	Met Asstt Incharge	0300-9001159
	Muhammad Amin	SO	0345-9517656
	Shakir ullah	SO	0345-9000970/ 0314-9000970
	Muhammad Usman	SO	0315-9535665
Kakul	Sulaiman Khan	Met Asstt Incharge	0345-9289757
	Gul Akhtar	Met Asstt Incharge	0344-5465845
	Arshad Mahmood	SO	0311-9069577
	Bilal	RM	0311-9134048
	Aizaz Shah	SO	0316-9628536
	Zaheer	Chowkidar	0310-5628067
	Nisar Ahmad	Chowkidar	0314-9357144
Kalam	Naveed Ali	Met Asstt Incharge	0321-9676079
	Akhtar Ali	SO	0313-9423721
	A Gafoor	SO	0314-9746073
	Anwer Hussain	SO	0345-0994795
	Ishaq	NQ	0349-3848569
	M. Iqbal	NQ	0314-9701936
	M. Alam	Chowkidar	0315-2217555
Mirkhani	Fazal e Amin	SO	0344-9705251
	Zahid Senior	Observer	0345-9858627
	Aftab ul Mulk	SO	0345-2775009
Malamjabba	Syed Zaman	Met Asstt Incharge	0345-9453861
	Noor ul Haq	SO	0345-4236634
Mardan Takht Bahi	Hassan Gul	E.E	0333-9472011

	Muhammad Rafiq	AM	0346-9061720
	Muhammad Fayaz	Met Asstt Incharge	0311-8156846/0347-1828211
	Aftab Alam	Met Asstt Incharge	0313-8546960
	Ajab Noor	Met Asstt Incharge	0333-9365764/0311-9051945
	Bilal Ahmed	Met Asstt Incharge	0314-9697712
Pattan	Sulaiman Shah	Met Asstt Incharge	0345-9133583
	Naveed Khan	SO	0349-9022092
	Anwar Khan	SO	0345-9553583
Peshawar	Karam Khan	Met Asstt Incharge	0343-9612671
	Saif ur Rehman	SO	0313-9899981
	Junaid Shah	SO	0345-3828666
	Touqeer	SO	0347-9294725
	Khalil Ahmad	SO	0314-9692681
	Zeshan	SO	0311-5324245
Parachinar	Asgar Ali	SO Incharge	0331-9160096
	Ashafaq Husain	SO	0302-9080998
	Iftkhar	BM	0301-8874689
	Jauhar Ali.	BM	0303-3566888
	Gul Afzal	Chowkidar	0303-9051531
Saidu Sharif	Niaz Wali	Met Asstt Incharge	0346-0507540
	Sher Hussain	SO	0346-9311545
	Sajjad Ali	SO	0346-9365340
	Hazrat Khan	SO	0313-9360963
	Asim Javed	SO	0331-9097528
Timergara	Israt Abbas	SO	0333-9054716
	Qasim Khan	SO	0310-9510799
	Amjad Ali	NQ	0344-5693845
	Rahim Ullah	Chowkidar	0312-9338515
WSR Cherat	Mehtab Gul	Incharge	0302-5771445
	Syed Qasim Shah	Asstt Incharge	0312-2080880
	Alam Jayyed	Asstt Incharge	0342-8080504

An aerial photograph of a forest with a dirt road and a stream, overlaid with a green gradient. The text "ANNEXURES" is centered in the middle of the image.

ANNEXURES

Annexure I: Minimum Standards (Provision of Relief)

STANDARD NFI KIT (PER FAMILY)

S. No.	Items	Details
1	Tents*	1 per each HH
2	Plastic Sheets*	1 per each HH
3	Blankets*	2 per each HH
4	Tarpaulin*	1 per 10 people
5	Kitchen Set	1 per each HH
6	Hygiene Kits	1 per each HH
7	Jerry Cans	2 per each HH
8	Buckets	2 per each HH
9	Stoves	1 per each HH
10	Drinking Water Population	No. of HH x 6
(*approx. 1/3rd of affected population expected to live in camps)		

STANDARDS FOOD PACKAGE (PER FAMILY)

S No	Name of Item	Quantity
1	Wheat Flour	40 kg
2	Matches	4 Nos
3	Rice (Sella No 1)	5 kg
4	Dry Milk Factory Pack	910 Gm
5	Ghee	3 kg
6	Sugar in Pack	3 kg
7	Dall Channa (Packed)	2 kg
8	Dal Mong (Washed)	1 kg
9	Dal Masoor	1 kg
10	Chili Powder	200 Gm
11	Iodized Salt	800 Gm
12	Mineral Water (Nestle)	10 Bottles
13	Tea	476 Gm

STANDARD HYGIENIC KIT/ DIGNITY KIT FOR WOMEN

S.No	Item Description	Quantity	Size
1	Soap (Anti-bacterial)	30 Bars	115 gms each
2	Towel	2	115 x 69 cm
3	Laundry Soap	4 Bars	250 gms
4	Bucket (preferably with lid)	1	20 liters
5	Soap Case	1	
6	Lota	1	Medium Size
7	Mug with handle	1	1 liter
8	Mosquito Net	2	

9	Sanitary Cloth (Dark Color)	5 Pieces	1.5 Meter each
10	Nail Cutter	1 Piece	2.75" (preferred)
11	Combs	2 Pieces	7"
12	Lice Comb	1 Piece	Medium Size

SHELTER SPECIFICATION

Item Name Specification

Tents Size 4 x 5 meter, Double Ply Single fold, water proof, rot proof, central height: 2.20 meter, Wall Height 0.90 meter, Upper Ply PVC coated cloth on both sides (450 GSM), Lower Ply cotton canvas 450 GSM, color natural white not dyed, Plastic Ground Sheet of 4.5 x 5.5 meter, 2 doors, 1 window and 1 ventilator on each side of wall, Iron poles and pillars of 18 gauge pipe with all accessories, Shipping Weight 75 KG approx., Packing (tent poles and Accessories in 1 bundle). ISO 9001 certified. The words, "PDMA Khyber Pakhtunkhwa" with its official logo must be indelibly printed with green color on both sides at the middle for maximum visibility having size of 1x2 meter.

NON-FOOD ITEMS SPECIFICATION

S No	Items	Specification
1	Plastic Mat	8x10 feet (nylon carpet), multicolor, weight 4 KG
2	Bucket	20 liters, plastic made, local good quality
3	Jerry Cans	White color, food graded, 10 liters, local plastic made 12x9 feet, A grade
4	Kitchen Set	6 pieces each, bowl, spoon, mug local made (steel)
5	Mosquito Net	Good Quality (single bed size)

Annexure II : Gender Segregated Data of most Vulnerable Districts of Khyber Pakhtunkhwa

Gender segregated data of most vulnerable Districts of Khyber Pakhtunkhwa										
S. #	District	Index	Population	Gender wise segregation			Children population @53% of total	Person with disability@ 15%	Older Persons @ 7%	Lactating and Pregnant women@ 8%
				Male	Female	Transgender				
1	Chitral	Medium	447,362	225,846	221,515	1	237102	67104	31315	35789
2	Charsadda	High Risk	1,616,198	820,520	795,657	21	856585	242429.7	113133.86	129295
3	D. I Khan	High Risk	1627132	838,793	788,294	45	862380	244070	113899	130171
4	Peshawar	High Risk	4269079	2,201,257	2,067,591	231	2262612	640362	298836	341526
5	Shangla	High Risk	757810	385,471	372,338	1	401639	113672	53047	60625
6	Kohistan Upper and Lower	High Risk	784711	434,956	349,746	9	415897	117707	54930	62777
7	Nowshera	V.High	1518540	781,722	736,778	40	804826	227781	106298	121483
8	Swat	V.High	2309570	1,172,974	1,136,544	52	1224072	346436	161670	184766
9	Tank	High Risk	391885	200,687	191,194	4	207699	58783	27432	31351
10	Dir Upper	High Risk	946421	466,173	480,247	1	501603	141963	66249	75714

Source: Bureau of Statistics

Foot Notes:

1. **Persons with Disability:** The UN Convention on the rights of Persons with Disabilities (UNCPRD) states in its first article; PWDs includes those who have long term physical, mental, intellectual or sensory impairment which in interaction with various barriers may hinder their full and affective participation in society on an equal basis with others. It is recommended to find out if the respondent has any difficulty in performing certain activities (walking, seeing, hearing, cognition, self-care and communication), as well as the level of difficulty (no – no difficulty, yes – some difficulty, yes – a lot of difficulty or cannot do it at all).
2. **An Older Person** is defined by the United Nation as a Person who is over sixty years of age.
3. **Part-1 Article -1 (UNCRC)** A child means every human being below the age of 18 years.
4. **Age Cohort**, 0-11 months, 0-5, 6-12, 13-17, 18-29, 30-39, 40-49, 50-59, 60-69, 70-79, and 80+.

Annexure III: Identified Camp Sites in all Districts of Khyber Pakhtunkhwa

Division	District	Tehsil	Evacuation Center and its detail	Location
Hazara	Mansehra	Mansehra	1. Regional Institute for Teacher Education i. Open space = 30 Kanal ii. Rooms = 70 iii. Tents capacity = 600 iv. No. of people to be accommodated = 3350	Main Shahrah e Resham, Near Ghazi Kot Town Ship, Mansehra.
			2. Govt Post Graduate College, Mansehra i. Open space = 80 Kanal ii. Rooms = 100 iii. Tents capacity = 16,00 iv. No. of people to be accommodated = 8,500	Labor Kot College Doraha, Mansehra
	Balakot	Balakot	1. Govt High School Balakot City i. Open space = 04 Kanal ii. Rooms = 28 iii. Tents capacity = 80 iv. No. of people to be accommodated = 540	Mansehra Naran Road
			2. Govt Degree College Balakot i. Open space = 70 Kanal ii. Rooms = 55 iii. Tents capacity = 1,400 iv. No. of people to be accommodated = 7,275	Hassa, Mansehra Naran Road
	Oghi	Oghi	1. Govt Degree College for Boys, Oghi. i. Open space = 90 Kanal ii. Rooms = 45 iii. Tents capacity = 1,800 iv. No. of people to be accommodated = 9,225	College Road Oghi
			2. Govt English Medium Secondary School, Oghi i. Open space = 36 Kanal ii. Rooms = 46 iii. Tents capacity = 720 iv. No. of people to be accommodated = 3,830	Main Battagram Road.
	Battagram	Battagram	1. Newly Constructed Social Welfare Building. i. Open space = 12 Kanal ii. Rooms = 28 iii. Tents capacity = 240 iv. No. of people to be accommodated = 1,340	Shahrah e Resham, Chapargam Battagram
			2. Govt Degree College Battagram i. Open space = 65 Kanal ii. Rooms = 52 iii. Tents capacity = 1,100 iv. No. of people to be accommodated = 5,760	College Road, Shahrah e Resham, Battagram
		Alai	1. Sports Ground, Alai i. Open space = 49 Kanal ii. Tents capacity = 980 iii. No. of people to be accommodated = 4,900	Kasai Bana, Kwand Road Alai
	Torghar	Hassan Zai	1. Sports Ground, Hassan Zai i. Open space = 35 Kanal ii. Tents capacity = 700	Thakot Darband Road

			iii. No. of people to be accommodated = 3,500	
Kohistan Lower	Pattan	1. Govt Degree College Pattan	i. Open space = 35 Kanal ii. Rooms = 32 iii. Tents capacity = 700 iv. No. of people to be accommodated = 3,660	WAPDA Colony Road, Pattan
		2. Govt. Higher Secondary School, Pattan	i. Open space = 07 Kanal ii. Rooms = 40 iii. Tents capacity = 140 iv. No. of people to be accommodated = 900	Tehsil Road, Main Bazar Pattan
		3. Govt High School, Jijal	1. Open space = 08 Kanal 2. Rooms = 22 3. Tents capacity = 180 4. No. of people to be accommodated = 1,010	Karakorum Highway, Jijal
		4. Govt Higher Secondary School, Chakai	i. Open space = 08 Kanal ii. Rooms = 26 iii. Tents capacity = 180 iv. No. of people to be accommodated = 1,030	Karakorum Highway, Chakai
Kohistan Upper	Dassu	1. Govt Centennial Model High School and Adjacent Ground, Dassu.	i. Open space = 10 Kanal ii. Rooms = 18 iii. Tents capacity = 200 iv. No. of people to be accommodated = 1,090	Karakorum Highway Road, Dassu City
		2. Newly Constructed District Head Quarter Hospital, Dassu	i. Open space = 30 Kanal ii. Rooms = 45 iii. Tents capacity = 600 iv. No. of people to be accommodated = 3,225	AC Colony Link Road, Karakorum Highway Dassu
		3. Govt High School Seo, Dassu	i. Open space = 10 Kanal ii. Rooms = 20 iii. Tents capacity = 200 iv. No. of people to be accommodated = 1,100	Dassu Seo Road, Seo
Kolai Palas	Batera	1. Govt Higher Secondary School, Batera	i. Open space = 10 Kanal ii. Rooms = 26 iii. Tents capacity = 200 iv. No. of people to be accommodated = 1,130	Batera Bisham Road, Batera
	Palas	1. Govt Girls High School, Palas	i. Open space = 04 Kanal ii. Rooms = 18 iii. Tents capacity = 80 iv. No. of people to be accommodated = 490	Ziarat Road, Palas
		2. Wild life Building, Palas	i. Open space = 15 Kanal ii. Tents capacity = 300 iii. No. of people to be accommodated = 1,500	Ziarat Road, Palas
Haripur	Haripur	1. Pak China Fertilizer Colony, Haripur	i. Open space = 25 Kanal ii. Rooms = 300 iii. Tents capacity = 500	Hatar Road Near Kot Najib Ullah

			iv. No. of people to be accommodated = 4,000	
			2. Afghan Refugee Camp Basso Road i. Open space = 200 Kanal ii. Tents capacity = 3,600 iii. No. of people to be accommodated = 18,000	SariKot Link Road Basso
			3. Govt High School, Panian i. Open space = 14 Kanal ii. Rooms = 16 iii. Tents capacity = 220 iv. No. of people to be accommodated = 1,180	Main GT Road, Panian
			4. Padhana Camp Site i. Open space = 40 Kanal ii. Halls = 3 iii. Tents capacity = 600 iv. No. of people to be accommodated = 3,250	Padhana Road near Tarbela Jeal
		Ghazi	1. WAPDA Ground (Infront of AC Office) i. Open space = 30 Kanal ii. Tents capacity = 600 iii. No. of people to be accommodated = 3,000	Serikot Ghazi Road
			2. Govt Degree College, Ghazi i. Open space = 80 Kanal ii. Rooms = 30 iii. Tents capacity = 1400 iv. No. of people to be accommodated = 7,150	Ghazi Hamlet Road
			3. Sports Stadium Hussan Pur i. Open space = 40 Kanal ii. Tents capacity = 800 iii. No. of people to be accommodated = 4,000	Tarbela Road Hussan Pur
			4. Govt High School, Ghazi i. Open space = 10 Kanal ii. Tents capacity = 200 iii. Rooms = 40 iv. No. of people to be accommodated = 1,200	Tarbela Ghazi Road
		Khan Pur	2. Govt High School, Khan Pur i. Open space = 20 Kanal ii. Rooms = 15 iii. Tents capacity = 340 iv. No. of people to be accommodated = 1,775	Khanpur Hariipur, Road
			3. Govt: Degree College Khanpur i. Open space = 40 Kanal ii. Rooms = 35 iii. Tents capacity = 700 iv. No. of people to be accommodated = 3,675	GT Road, Jabbri
	Abbottabad	Abbottabad	1. Govt: High School No3 Abbottabad i. Open space = 15 Kanal ii. Rooms = 15 iii. Tents capacity = 240 iv. No. of people to be accommodated = 1,275	Eidgah Road Abbottabad
			2. Govt: Post Graduate College No 1 Abbottabad i. Open space = 75 Kanal	College Road Abbottabad

			<ul style="list-style-type: none"> ii. Rooms = 40 iii. Tents capacity = 1,400 iv. No. of people to be accommodated = 7,200 	
			3. Cricket Stadium Nawan shehr, Abbottabad <ul style="list-style-type: none"> i. Open space = 140 Kanal ii. Tents capacity = 2,400 iii. No. of people to be accommodated = 12,000 	Muree Road, Abbottabad
			4. Cricket Ground Township Nawan shehr <ul style="list-style-type: none"> i. Open space = 20 Kanal ii. Tents capacity = 400 iii. No. of people to be accommodated = 2,000 	Township Road Mandrach Nalai, Abbottabad
			5. Govt: Post Graduate College, Mandian <ul style="list-style-type: none"> i. Open space = 70 Kanal ii. Rooms = 30 iii. Tents capacity = 1,300 iv. No. of people to be accommodated = 6,650 	College Road Mandian, Abbottabad
		Havelian	1. Govt Degree College, Havelian <ul style="list-style-type: none"> i. Open Space = 50 Kanal ii. Rooms = 30 iii. Tents Capacity = 900 iv. No of people to be accommodated = 4,650 	Kiala Road Havelian
			2. Abbottabad University of Science and Technology, Havelian <ul style="list-style-type: none"> i. Open Space = 70 Kanal ii. Tents Capacity = 1,300 iii. No of people to be accommodated = 6,500 	Kokal Barseen Road, Havelian
Peshawar	Charsadda	Charsadda	1. Govt Post Graduate College Charsadda <ul style="list-style-type: none"> 1. Open space = 90 Kanal 2. Rooms = 44 3. Tents capacity = 1,800 4. No. of people to be accommodated = 9,220 	Prang Road Charsadda
		Shabqadar	1. Govt Degree College Shabqadar <ul style="list-style-type: none"> i. Open space = 30 Kanal ii. Rooms = 22 iii. Tents capacity = 600 iv. No. of people to be accommodated = 3,110 	Battagram Road, Shabqadar
		Tangi	1. Govt Degree College, Tangi <ul style="list-style-type: none"> i. Open space = 90 Kanal ii. Rooms = 57 iii. Tents capacity = 1,800 iv. No. of people to be accommodated = 9,285 	College Road Tangi
	Nowshera	Pabbi	1. Jozai Camp <ul style="list-style-type: none"> i. Open space = 3,000 Kanal ii. Tents capacity = 60,000 iii. No. of people to be accommodated = 300,000 	Chirat Pabbi Road, Jalojai
		Nowshera	1. Government Technical College <ul style="list-style-type: none"> i. Open space = 50 Kanal ii. Rooms = 100 iii. Tents capacity = 1,000 iv. No. of people to be accommodated = 5,500 	Nowshera Mardan Road
			2. Benazir Complex, Risalpur <ul style="list-style-type: none"> i. Open space = 150 Kanal ii. Rooms = 20 	Bara Banda link Road Risalpur, Nowshera.

			<ul style="list-style-type: none"> iii. Tents capacity = 3,000 iv. No. of people to be accommodated = 15,100 		
		Jehangira	<ul style="list-style-type: none"> 1. Govt: High School, Khairabad <ul style="list-style-type: none"> i. Open space = 40 Kanal ii. Rooms = 33 iii. Tents capacity = 800 iv. No. of people to be accommodated = 4,165 	Nizam Pur Road Khairabad	
		Peshawar	<ul style="list-style-type: none"> 5. Govt Girls Degree College, Chagharmatti <ul style="list-style-type: none"> i. Open space = 40 Kanal ii. Rooms = 44 iii. Tents capacity = 1,800 iv. No. of people to be accommodated = 3,970 	Landi Sarak Charsadda Road	
			<ul style="list-style-type: none"> 2. Govt Degree College Naguman <ul style="list-style-type: none"> v. Open space = 10 Kanal vi. Rooms = 50 vii. Tents capacity = 200 viii. No. of people to be accommodated = 1,250 	Naguman Charsadda Road	
			<ul style="list-style-type: none"> 2. Zamung Kor <ul style="list-style-type: none"> v. Open space = 10 Kanal vi. Rooms = 126 vii. Tents capacity = 200 viii. No. of people to be accommodated = 1,630 	Khazana Charsadda Road	
	Mohmand	Halimzai	<ul style="list-style-type: none"> 1. Govt Higher Secondary School, Ghalanai <ul style="list-style-type: none"> iv. Open space = 120 Kanal v. Rooms = 25 vi. Tents capacity = 1,100 vii. No. of people to be accommodated = 5,625 	Colony Road Ghalanai Head Quarter	
			<ul style="list-style-type: none"> 3. Sports Complex Ghalanai <ul style="list-style-type: none"> v. Open space = 70 Kanal vi. Tents capacity = 1,350 vii. No. of people to be accommodated = 6,750 	Main Bajaur Mohmand Road, Ghalanai	
			<ul style="list-style-type: none"> 4. Govt Degree College Chanda <ul style="list-style-type: none"> v. Open space = 35 Kanal vi. Rooms = 60 vii. Tents capacity = 620 viii. No. of people to be accommodated = 3,400 	Dawat Kor Road Chanda Ghalanai	
			Ekka Gund	<ul style="list-style-type: none"> 2. Govt: Degree College, Ekka Gund <ul style="list-style-type: none"> v. Open space = 200 Kanal vi. Rooms = 100 vii. Tents capacity = 3,700 viii. No. of people to be accommodated = 19,000 	Shabqadar Road Ekka Gund
			Safi	<ul style="list-style-type: none"> 1. Govt Degree College, Lakaro <ul style="list-style-type: none"> i. Open space = 20 Kanal ii. Rooms = 15 iii. Tents capacity = 400 iv. No. of people to be accommodated = 2,075 	Bajaur Mohmand Road Lakaro
				<ul style="list-style-type: none"> 2. Tehsil Headquarter Hospital, Mamad Gut <ul style="list-style-type: none"> i. Open Space = 80 Kanal ii. Spare Rooms = 30 iii. Tent Capacity = 1,500 iv. No of people to be accommodated = 7,650 	Mamad Gut Chamarkand Road
		Khyber	Bara	<ul style="list-style-type: none"> 1. Govt Degree College, Kohi Sher Haider <ul style="list-style-type: none"> i. Open space = 50 Kanal 	Tera Bara Road

			<ul style="list-style-type: none"> ii. Rooms = 30 iii. Tents capacity = 950 iv. No. of people to be accommodated = 4,900 	
			2. Govt Girls Higher Secondary School, Kalanda, Aka Khel <ul style="list-style-type: none"> i. Open space = 40 Kanal ii. Rooms = 23 iii. Tents capacity = 800 iv. No. of people to be accommodated = 4,115 	FR road Bara
		Jamrud	1. Jamrud Cricket Ground <ul style="list-style-type: none"> i. Open space = 80 Kanal ii. Tents capacity = 1,600 iii. No. of people to be accommodated = 8,000 	Peshawar Jamrud Road
		Landi Kotal	1. Govt Degree College, Landi Kotal and Adjacent Rehman Baba Tomb Ground <ul style="list-style-type: none"> i. Open Space = 500 Kanal i. Rooms = 20 ii. Tents Capacity = 10,000 iii. No of People to be accommodated = 47,500 	Peshawar Landi Kotal Road
Malakand	Dir Lower	Adenzai	3. University of Malakand Ground <ul style="list-style-type: none"> v. Open space = 254 Kanal vi. Tents capacity = 5,080 vii. No. of people to be accommodated = 25,400 	Chakdara Ramda/University Road
		Lal Qila	2. Govt Degree College, Lal Qila <ul style="list-style-type: none"> iv. Open space = 20 Kanal v. Rooms = 42 vi. Tents capacity = 400 vii. No. of people to be accommodated = 2,210 	College Road, Maidan
		Timergara	1. Govt Degree College Timergara <ul style="list-style-type: none"> v. Open space = 80 Kanal vi. Rooms = 53 vii. Tents capacity = 1,600 viii. No. of people to be accommodated = 8,265 	Maidan Road, Haji Abad, Timergara Road
		Samar Bagh	1. Govt Degree College, Samar Bagh <ul style="list-style-type: none"> i. Open space = 35 Kanal ii. Rooms = 16 iii. Tents capacity = 700 iv. No. of people to be accommodated = 3,580 	Samarbagh Timergara Road
	Dir Upper	Wari	1. Govt Technical College Wari <ul style="list-style-type: none"> i. Open space = 45 Kanal ii. Rooms = 55 iii. Tents capacity = 900 iv. No. of people to be accommodated = 4,775 	Main Wari Bazar, Dir Chitral Road
		Dir	1. Sports Stadium Dir <ul style="list-style-type: none"> i. Open space = 35 Kanal ii. Tents capacity = 700 iii. No. of people to be accommodated = 3,500 	Dir Chitral Road, Main Dir Bazar
		Sheringal	1. Shaheed Benazir Bhutto University Ground <ul style="list-style-type: none"> i. Open space = 40 Kanal ii. Tents capacity = 800 iii. No. of people to be accommodated = 4,000 	Dir Kumrat Road
	Chitral Lower	Chitral	1. Polo Ground Chitral <ul style="list-style-type: none"> i. Open space = 130 Kanal ii. Tents capacity = 2,600 	Peshawar Chitral Road

		iii. No. of people to be accommodated = 13,000	
		2. Govt Centennial Model School Ground i. Open space = 80 Kanal ii. Tents capacity = 1,600 iii. No. of people to be accommodated = 8,000	Shahi Masjid Road, Chitral
	Drosh	1. Col Murad Stadium i. Open space = 80 Kanal ii. Tents capacity = 1,600 iii. No. of people to be accommodated = 8,000	Chitral Peshawar Road, Drosh
Bunner	Daggar	1. Govt: Higher Secondary School Jowar i. Open space = 60 Kanal ii. Rooms = 19 iii. Tents capacity = 1,200 iv. No. of people to be accommodated = 6,095	Main Barikot Daggar Road
		2. Govt: Higher Secondary School Jawkhela i. Open space = 60 Kanal ii. Rooms = 22 iii. Tents capacity = 1,200 iv. No. of people to be accommodated = 6,110	Daggar Pir Baba Road
	Gagra	1. Govt Higher Secondary School Gagra i. Open space = 40 Kanal ii. Rooms = 22 iii. Tents capacity = 800 iv. No. of people to be accommodated = 4,110	Gagra Tehsil, Road
		2. Govt Degree College Daggar, i. Open space = 80 Kanal ii. Rooms = 32 iii. Tents capacity = 1,600 iv. No. of people to be accommodated = 8,160	Dewana Baba Road
	Mandanr	1. Captain Waqas Shaheed Stadium, Mandanr i. Open space = 50 Kanal ii. Tents capacity = 1,000 iii. No. of people to be accommodated = 5,000	Chamla Road, Mandanr
	Swat	Babuzai	1. Govt: Jehanzeb College, Mingora i. Open space = 100 Kanal ii. Rooms = 50 iii. Tents capacity = 2,000 iv. No. of people to be accommodated = 10,250
BariKot		1. Govt: Higher Secondary School, Barikot i. Open space = 45 Kanal ii. Rooms = 22 iii. Tents capacity = 900 iv. No. of people to be accommodated = 4,610	Peshawar Mingora Road, Barikot
Bahrain		1. Govt: High and Higher Secondary School, Kalam i. Open space = 20 Kanal ii. Rooms = 32 iii. Tents capacity = 400 iv. No. of people to be accommodated = 2,160	Tehsil Road, Kalam
		2. Govt High School Bahrain i. Open space = 02 Kanal ii. Rooms = 20 iii. Tents capacity = 40 iv. No. of people to be accommodated = 300	Tehsil Road, Bahrain

		3. Govt: higher Secondary School, Madyan i. Open space = 08 Kanal ii. Rooms = 25 iii. Tents capacity = 160 iv. No. of people to be accommodated = 925	School Road Madyan
	Kwazakhela	1. Govt Degree College Madyan i. Open space = 40 Kanal ii. Rooms = 30 iii. Tents capacity = 800 iv. No. of people to be accommodated = 4,150	Madyan Mingora Road
	Matta	1. Govt: Post Graduate College Matta i. Open space = 80 Kanal ii. Rooms = 36 iii. Tents capacity = 1,600 iv. No. of people to be accommodated = 8,180	Matta Mingora road
	Kabal	1. Govt: Higher Secondary School, Kabal i. Open space = 40 Kanal ii. Rooms = 26 iii. Tents capacity = 800 iv. No. of people to be accommodated = 4,130	Police Line Kabal
		2. Govt: Dr. Khan Shaheed Degree College, Kabal i. Open space = 20 Kanal ii. Rooms = 16 iii. Tents capacity = 400 iv. No. of people to be accommodated = 2,100	Kabal Mingora Road
Shangla	Alpuri	1. Govt: Degree College, Alpuri i. Open space = 20 Kanal ii. Rooms = 43 iii. Tents capacity = 400 iv. No. of people to be accommodated = 2,215	College Road, Alpuri
		2. Govt: High School, Derai i. Open space = 05 Kanal ii. Rooms = 16 iii. Tents capacity = 100 iv. No. of people to be accommodated = 580	Alpuri Bisham Road, Derai
		3. Govt: Higher Secondary School and Primary school, Shahpur i. Open space = 04 Kanal ii. Rooms = 21 iii. Tents capacity = 80 iv. No. of people to be accommodated = 505	Shahpur Karora Road, Shahpur
		4. Govt: High School, Kuz Kana i. Open space = 02 Kanal ii. Rooms = 12 iii. Tents capacity = 40 iv. No. of people to be accommodated = 260	Shahpur Karora Road, Kuz Kana
		5. Govt: High School, Karora i. Open space = 02 Kanal ii. Rooms = 21 iii. Tents capacity = 40 iv. No. of people to be accommodated = 305	Alpuri Bisham Road, Karora
	Bisham	1. Govt Higher Secondary School, Botyal i. Open Space = 08 Kanal ii. Rooms = 22 iii. Tents Capacity = 160	Kurakuram highway, Bisham

			iv. No. of people to be accommodated = 910	
			2. KDP Ground, Botyal i. Open space = 40 Kanal ii. Tents capacity = 800 iii. No. of people to be accommodated = 4,000	Kurakuram highway, Bisham
		Puran	1. Govt Degree College Puran v. Open space = 15 Kanal vi. Rooms = 16 vii. Tents capacity = 300 viii. No. of people to be accommodated = 1,580	Yakh Tangi Puran road
			2. Govt High School, Puran v. Open space = 10 Kanal vi. Rooms = 14 vii. Tents capacity = 200 viii. No. of people to be accommodated = 1,070	Yakh Tangi Puran road
		Chakesar	3. Govt: High School, Chakesar iv. Open space = 04 Kanal v. Rooms = 16 vi. Tents capacity = 80 vii. No. of people to be accommodated = 480	Karora Chakesar, road
			4. Govt Degree College, Chakesar v. Open space = 20 Kanal vi. Rooms = 21 vii. Tents capacity = 400 viii. No. of people to be accommodated = 2,105	Karora Chakesar, road
	Bajaur	Khar	2. Sports Complex, Khar v. Open space = 98 Kanal vi. Rooms = 10 vii. Tents capacity = 1,900 viii. No. of people to be accommodated = 9,550	Nawagai Khar Road, Khar
			3. Govt: Degree College, Khar v. Open space = 80 Kanal vi. Rooms = 80 vii. Tents capacity = 1,520 viii. No. of people to be accommodated = 8,000	Munda Khar Road Khar
		Nawagai	4. Govt Degree College, Nawagai v. Open space = 200 Kanal vi. Rooms = 47 vii. Tents capacity = 3,600 viii. No. of people to be accommodated = 20,035	Mohmand Nawagai Road, Nawagai
		Mamund	1. Govt Degree College Bar khalozai v. Open space = 80 Kanal vi. Rooms = 20 vii. Tents capacity = 1,500 viii. No. of people to be accommodated = 7,600	Khar Mamund Road, Mamund
			2. Govt: high School, Bar Kalozai v. Open space = 60 Kanal vi. Rooms = 15 vii. Tents capacity = 1,100 viii. No. of people to be accommodated = 5,575	Khar Mamund Road, Mamund
		Barang	1. Govt High School, Ghani Adai i. Open space = 30 Kanal ii. Rooms = 15 iii. Tents capacity = 560	Khar Barang Road, Khar

			iv. No. of people to be accommodated = 2,875	
Chitral Upper	Mastuj		2. Govt Girls Degree College, Booni v. Open space = 20 Kanal vi. Rooms = 55 vii. Tents capacity = 360 viii. No. of people to be accommodated = 2,075	Main Chitral Booni Road, Booni
			2. Govt: Boys Degree College Booni v. Open space = 20 Kanal vi. Rooms = 56 vii. Tents capacity = 360 viii. No. of people to be accommodated = 2,070	Main Chitral Booni Road, Booni
			3 Ghali Ground, Mastuj i. Open space = 70 Kanal ii. Tents capacity = 1,300 iii. No. of people to be accommodated = 6,500	Main Chitral Booni Road, Booni
Malakand	Batkhela		3. Govt: Degree College, Totakan v. Open space = 80 Kanal vi. Rooms = 100 vii. Tents capacity = 1,500 viii. No. of people to be accommodated = 8,000	Batkhela Totakan Road, Totakan
			4. Govt Higher Secondary School, Khar v. Open space = 50 Kanal vi. Rooms = 35 vii. Tents capacity = 950 viii. No. of people to be accommodated = 4,925	Babao Koto Link Road Totakan Batkhela Road
			5. Zafar Park Batkhela i. Open space = 50 Kanal ii. Tents capacity = 1,000 iii. No. of people to be accommodated = 5,000	Main Mingora Road, Batkhela
			6. Govt: Degree College, Thana v. Open space = 100 Kanal vi. Rooms = 90 vii. Tents capacity = 1,800 viii. No. of people to be accommodated = 9,450	College Road, Thana
	Dargai		1. Govt: Post Graduate College, Dargai v. Open space = 70 Kanal vi. Rooms = 50 vii. Tents capacity = 1,250 viii. No. of people to be accommodated = 6,500	College Road, Dargai
			2. Govt: Higher School Heroshah v. Open space = 20 Kanal vi. Rooms = 18 vii. Tents capacity = 400 viii. No. of people to be accommodated = 2,090	Harichand Dargai Road, Heroshah
			3. Govt: Degree College, Badraga v. Open space = 50 Kanal vi. Rooms = 30 vii. Tents capacity = 950 viii. No. of people to be accommodated = 4,900	Badraga Jahazono Dag Road, Badraga
			4. Govt: Higher Secondary School, Sakhakot v. Open space = 20 Kanal vi. Rooms = 21 vii. Tents capacity = 400	Hospital Road, Sakhakot

			viii. No. of people to be accommodated = 2,105		
Bannu	Bannu	Bannu	1. Bannu Sugar Mill iv. Open space =150 Kanal v. Halls = 04 vi. Tents capacity = 3,000 vii. No. of people to be accommodated = 15,800	Bannu-D.I.Khan Road	
		Domain	1. Kashu Bridge v. Open space =1,000 Kanal vi. Tents capacity = 20,000 vii. No. of people to be accommodated = 100,000	Indus High Way Bannu Link Road	
			2. Govt Degree College. Landi Jalandar v. Open space = 1,000 Kanal vi. Rooms =42 vii. Tents capacity = 20,000 viii. No. of people to be accommodated = 100,210	Peshawar D.I.Khan Road	
			3. Govt: Degree College Spina Tangi v. Open space = 200 Kanal vi. Rooms = 65 vii. Tents capacity = 4,000 viii. No. of people to be accommodated = 20,325	Kohat Bannu Road	
		Baka Khel	1. TDP Camp Baka Khel i. Open space = 1,600 Kanal ii. Tents capacity = 32,000 iii. No. of people to be accommodated = 160,000	Miranshah Road Baka Khel	
	Lakki Marwat	Lakki Marwat		2. Govt High Centennial Model School iv. Open space = 12 Kanal v. Rooms = 46 vi. Tents capacity = 200 vii. No. of people to be accommodated = 1,230	Kacheri Road, Lakki City
				2. Govt Post Graduate College, Lakki iv. Open space = 110 Kanal v. Rooms = 100 vi. Tents capacity = 1,600 vii. No. of people to be accommodated = 10,500	Mian Wali Road, Lakki City
				3 Govt Degree College Landiwah iv. Open space = 30 Kanal v. Tents capacity = 600 vi. Rooms = 30 vii. No. of people to be accommodated = 3,150	LandiWah Indus Highway Link Road
				4 Govt Higher Secondary School, Landiwah ii. Open space = 18 Kanal iii. Tents capacity = 200 iv. Rooms = 30 v. No. of people to be accommodated = 1,150	LandiWah Indus Highway Link Road
			Sarai Naurang	1. Govt Degree College, Sarai Naurang v. Open space = 40 Kanal vi. Rooms = 35 vii. Tents capacity = 750 viii. No. of people to be accommodated = 3,925	Bannu Naurang Road

	North Waziristan	Miranshah	3. Govt Post Graduate College, Miranshah v. Open space = 100 Kanal vi. Rooms = 70 vii. Tents capacity = 950 viii. No. of people to be accommodated = 5,100	Mir Ali Miranshah Road, Miranshah	
		Datta Khel	1. Datta Khel Camp Near Newly Constructed Tehsil Building v. Open space = 3000 Kanal vi. Tents capacity = 55,000 vii. No. of people to be accommodated = 275,000	Miran Shah Datta Khel Road, Datta Khel	
		Mir Ali	2. Govt Degree and Elementary Teachers Training College, Mir Ali iv. Open space = 50 Kanal v. Tents capacity = 1,000 vi. No. of people to be accommodated = 5,000	Bannu Miranshah Road, Mirali	
D.I.Khan	D.I.Khan	D.I.Khan	1. Sports Complex D.I.Khan v. Open space = 335 Kanal vi. Tents capacity = 6,700 vii. No. of people to be accommodated = 33,500	Bannu Road D.I.Khan	
			2. Gomal Medical College Ground: v. Open space = 75 Kanal vi. Tents capacity = 1,500 vii. No. of people to be accommodated = 7,500	Drabin Road D.I.Khan	
		Kulachi	1. Sports Stadium Kulachi iv. Open space = 50 Kanal v. Tents capacity = 1,000 vi. No. of people to be accommodated = 5,000	Kachri near Kulachi D.I.Khan Road	
		Parao	1. Sports Stadium Parao iv. Open space = 40 Kanal v. Tents capacity = 800 vi. No. of people to be accommodated = 4,000	Indus High Way Parao	
		PaharPur	1. Govt: Degree College, Paharpur v. Open space = 35 Kanal vi. Rooms = 22 vii. Tents capacity = 700 viii. No. of people to be accommodated = 3,610	Pahar Pur D.I.Khan Road	
		South Waziristan	Ladha	4. Govt Degree College, Ladha. v. Open space = 40 Kanal vi. Rooms = 35 vii. Tents capacity = 750 viii. No. of people to be accommodated = 3,950	Makin Wana Road, Ladha
			Sarwakai	1. Moula Khan Surai Hospital, Sarwakai v. Open space = 35 Kanal vi. Rooms = 25 vii. Tents capacity = 620 viii. No. of people to be accommodated = 3,225	Jandola Wana Road, Sarwakai
			Wana	1. Wana Cricket Stadium and Adjacent Area v. Open space = 70 Kanal vi. Tents capacity = 1,300 vii. No. of people to be accommodated = 6,500	Makin Road, Wana
		Tank	Tank	2. Govt Higher Secondary School, Gomal Bazar v. Open space = 13 Kanal	Gomal Tank Road, Gomal

			vi. Rooms = 23 vii. Tents capacity = 220 viii. No. of people to be accommodated = 1,215	
			3. Govt Degree College, Tank v. Open space = 60 Kanal vi. Rooms = 30 vii. Tents capacity = 1100 viii. No. of people to be accommodated = 5,650	Tank D.I.Khan Road
			4. Muhajir Camp near Army Fort iv. Open space = 1500 Kanal v. Tents capacity = 26,000 vi. No. of people to be accommodated = 130,000	Tank South Waziristan Road
			5. Jehaz Ground Tank City i. Open space = 750 Kanal ii. Tents capacity = 14,000 iii. No. of people to be accommodated = 70,000	D.I.Khan Tank Raod
Kohat	Kohat	Kohat	1. Qila Ground, Kohat i. Open Space = 50 Kanal ii. Tents Capacity = 1,000 iii. No of people to be accommodated = 5,000	Peshawar Chowk, Kohat
			2. Govt Post Graduate College, Kohat i. Open Space = 60 Kanal ii. Rooms = 30 iii. Tents Capacity = 1,200 iv. No of people to be accommodated = 6,150	College Road, Kohat
		Lachi	1. Govt Girls Degree College, Lachi i. Open Space = 50 Kanal ii. Rooms = 25 iii. Tents Capacity = 1,000 iv. No of people to be accommodated = 5,125	Indus Highway, Lachi
	Orakzai	Upper Orakzai	1. Govt Degree College Ghiljo i. Open Space = 50 ii. Rooms = 25 iii. Tents Capacity = 1,000 iv. No of People to be accommodated = 5,125	Ghiljo Khadizai Road
			2. Sports Stadium Ghiljo i. Open Space = 1,000 Kanal ii. Tents Capacity = 20,000 iii. No of people to be accommodated = 100,000	Ghiljo Dabari Road
		Lower Orakzai	1. Kalaya Sports Ground i. Open Space = 80 Kanal ii. Tents Capacity = 1,600 iii. No of people to be accommodated = 8,000	Kalaya Ghiljo Road
	Hangu	Hangu	1. Sports Complex, Hangu i. Open Space = 60 Kanal ii. Tents Capacity = 1,200 iii. No of people to be accommodated = 6,000	Hangu Thall Road, Hangu

			2. Govt Degree College, Hangu i. Open Space = 80 Kanal ii. Rooms = 70 iii. Tents Capacity = 1,500 iv. No of people to be accommodated = 7,850	Hangu Thall Road, Hangu
			3. Govt Girls Degree College and Adjacent Railway Ground, Hangu i. Open Space = 1,500 Kanal ii. Rooms = 45 iii. Tents Capacity = 28,000 iv. No of people to be accommodated = 140,200	Bypass Road Hangu
			4. Khwaja Khizar (Forest Land) i. Open Space = 1,500 Kanal ii. Tents Capacity = 28,000 iii. No of people to be accommodated = 140,000	Kohat Hangu Road
		Thall	1. Govt Higher Secondary School, Doaba i. Open Space = 40 Kanal ii. Rooms = 32 iii. Tents Capacity = 800 iv. No of people to be accommodated = 4,160	Hangu Thall Road, Doaba
			2. Govt Degree College, Thall i. Open Space = 300 Kanal ii. Rooms = 30 iii. Tents Capacity = 5,600 iv. No of people to be accommodated = 30,150	Hanu Thall Road, Thall
	Kurram	Upper Kurram	1. Govt Degree College, Parachinar i. Open Space = 60 Kanal ii. Rooms = 90 iii. Tents Capacity = 1,200 iv. No of people to be accommodated = 6,450	Sadda Parachinar Road, Parachinar
			2. Sports Stadium, Parachinar i. Open Space = 70 Kanal ii. Tents Capacity = 1,400 iii. No of people to be accommodated = 7,000	Karakhela stadium road
			3. Sports Complex, Parachinar i. Open Space = 120 Kanal ii. Tents Capacity = 2,400 iii. No of people to be accommodated = 12,000	Sadda Parachinar Road, Parachinar
		Lower Kurram	1. Govt Degree College, Sadda i. Open Space = 40 Kanal ii. Rooms = 20 iii. Tents Capacity = 800 iv. No of people to be accommodated = 4,100	Sadda Alizai Road, Sadda
			2. Cricket Ground, Sadda i. Open Space = 50 Kanal ii. Tents Capacity = 1,000 iii. No of people to be accommodated = 5,000	Tablighi Markaz Road, Sadda
			3. Govt High School, Alizai	Thall Sadda Road, Alizai

			<ul style="list-style-type: none"> i. Open Space = 60 Kanal ii. Rooms = 16 iii. Tents Capacity = 1,200 iv. No of people to be accommodated = 6,075 	
		Central Kurram	1. Govt High School, Dogar <ul style="list-style-type: none"> i. Open Space = 40 Kanal ii. Rooms = 14 iii. Tents Capacity = 700 iv. No of people to be accommodated = 3,570 	Dogar Sadda Road, Dogar
	Karak	Karak	2. Govt Girls Centennial Model Higher Secondary School, Karak <ul style="list-style-type: none"> v. Open space = 32 vi. Rooms = 15 vii. Tents capacity = 600 viii. No. of people to be accommodated = 3,075 	Bannu Karak Road
			3. Govt Post Graduate College, Karak <ul style="list-style-type: none"> iv. Open space = 200 Kanal v. Rooms = 100 vi. Tents capacity = 1,800 vii. No. of people to be accommodated = 9,500 	Bannu Karak, Road
		Takht - e- Nasarati	2. Takht- e- Nasarati Sports Complex <ul style="list-style-type: none"> iv. Open space = 60 Kanal v. Tents capacity = 1,100 vi. No. of people to be accommodated = 5,500 	Takht-e-Nasarati Main Bazar
			3. Govt Degree College, Takht-e-Nasarati <ul style="list-style-type: none"> i. Open space = 20 Kanal ii. Rooms = 70 iii. Tents capacity = 400 iv. No. of people to be accommodated = 2,350 	Takht-e-Nasarati Road leading to Indus Highway
		Banda Daud Shah	1. Govt Degree College, Banda Daud Shah <ul style="list-style-type: none"> i. Open space = 80 Kanal ii. Rooms = 25 iii. Tents capacity = 1,500 iv. No. of people to be accommodated = 7,625 	Bannu Kohat Road, Ahmadi Banda
			2. Govt Girls Degree College Banda Daud Shah <ul style="list-style-type: none"> i. Open space = 75 Kanal ii. Rooms = 30 iii. Tents capacity = 1,400 iv. No. of people to be accommodated = 7,150 	Bear Teri Chowk Mian Bannu Kohat Road
	Mardan	Mardan	3. Govt Post Graduate College Mardan <ul style="list-style-type: none"> v. Open space = 90 Kanal vi. Rooms = 60 vii. Tents capacity = 1,700 viii. No. of people to be accommodated = 8,800 	College Chowk Mardan. Nowshera Mardan Road
Mardan			4. Military Dairy Farm Mardan <ul style="list-style-type: none"> v. Open space = 1600 Kanal vi. Rooms = 20 vii. Tents capacity = 7,500 viii. No. of people to be accommodated = 3,000 	Mardan Charsadda Road

			5. Govt Degree College, Toru i. Open Space = 80 Kanal ii. Rooms = 30 iii. Tent Capacity = 1,500 iv. No. of people to be accommodated = 7,650	Toru Marhati Banda Road, Toru
		Katlang	2. Govt Degree College for Girls, Sawaldher, Katlang v. Open space = 40 Kanal vi. Rooms = 35 vii. Tents capacity = 800 viii. No. of people to be accommodated = 4,000	Rustam Katlang, Road
			2. Govt Degree College Katlang v. Open space = 80 Kanal vi. Rooms = 40 vii. Tents capacity = 1,500 viii. No. of people to be accommodated = 7,700	Katlang Mardan Road, Katlang
		Rustam	2. Sports Complex, Rustam. v. Open space = 50 Kanal vi. Tents capacity = 9,00 vii. No. of people to be accommodated = 4,500	Bunner Rustam Road, Rustam
			2. Govt Girls Degree College, Rustam v. Open space = 08 Kanal vi. Rooms = 60 vii. Tents capacity = 220 viii. No. of people to be accommodated = 1,100	Rustam Mardan Road, Rustam
			3. Govt Degree College Khair Abad, Rustam i. Open space = 30 Kanal ii. Rooms = 60 iii. Tents capacity = 600 iv. No. of people to be accommodated = 3,300	Rustam Mardan Road, Khair Abad
		Takhtbhai	1. Govt Degree College, Takhtbhai i. Open space = 80 Kanal ii. Rooms = 20 iii. Tents capacity = 1500 iv. No. of people to be accommodated = 7,600	Charsadda Takhtbhai Road, Takhtbhai
			2. Govt Degree College, Lund Khwar i. Open space = 30 Kanal ii. Rooms = 35 iii. Tents capacity = 600 iv. No. of people to be accommodated = 3,175	Lund Khwar Shergarh Road, Lund Khwar
			3. Govt Higher Secondary School, Hathian i. Open space = 25 Kanal ii. Rooms = 30 iii. Tents capacity = 450 iv. No. of people to be accommodated = 2,500	Shergarh Hathian Road, Hathian
	Swabi	Topi	2. Govt High School, Topi v. Open space = 15 Kanal vi. Rooms = 16 vii. Tents capacity = 250 viii. No. of people to be accommodated = 1,330	Zaida Topi Road Topi

			3. Govt Girls Degree College Topi v. Open space = 20 Kanal vi. Rooms = 20 vii. Tents capacity = 360 viii. No. of people to be accommodated = 1,900	Zaida Road Marghuz
	Lahor		2. University of Swabi iv. Open space = 100 Kanal v. Tents capacity = 1800 vi. No. of people to be accommodated = 9000	University Road
			3. Govt Degree College, Lahor iv. Open space = 35 Kanal v. Tents capacity = 620 vi. Rooms = 24 vii. No. of people to be accommodated = 3,220	Swabi Jehangira Road
	Razzar		5. Govt Degree College Yar Hussain v. Open space = 40 Kanal vi. Rooms = 20 vii. Tents capacity = 750 viii. No. of people to be accommodated = 3,850	Swabi Mardan Road
			6. Govt. Degree College, Shewa v. Open space = 20 Kanal vi. Rooms = 25 vii. Tents capacity = 380 viii. No. of people to be accommodated = 2,025	College Road, Shewa
	Swabi		5. Govt Polytechnic Institute Shahmansoor, i. Open space = 30 Kanal ii. Rooms = 22 iii. Tents capacity = 550 iv. No. of people to be accommodated = 2,860	Swabi Jehangira Road
			6. Baja Sports Complex v. Open space = 80 Kanal vi. Tents capacity = 1500 vii. No. of people to be accommodated = 7,500	Swabi Topi Road

Annexure IV: Resource Mapping of Rescue 1122 in Khyber Pakhtunkhwa

1. DETAIL OF RESCUE STATIONS/HR COMPONENT / (RESCUE-1122), KHYBER PAKHTUNKHWA					
S. No.	District	No. of Rescue Stations	Station Location	No. of Staff	Covid Duty Staff
1	Abbottabad	05	i. Near GPO Chowk Old Palace Hotel District Nazim Office Abbottabad ii. Near I-NOOR Hospital Ayub Medical Complex Mandian Abbottabad iii. Havelian Rescue Station near TMA Office iv. Nawasher	137	17
2	Bajaur	02	i. Bajaur Munda Khar Near National Bank	141	16
3	Bannu	03	Sports Complex Bannu, City	179	18
4	Battagram	01	TMA Rest house , New DHQ Hospital	55	4
5	Buner	01	i. Tehsil Complex, Daggar	65	15
6	Charsadda	02	Main Tarnab Adda Charsadda. Main Mardan Road, Charsadda.	152	42
7	Chitral	02	i. TMA Office Jughoor Chitral ii. TMA Office New Bazar, Drosh	83	27
8	D.I. Khan	05	Main Kachehri Road near AIOU Regional Centre Inside Cantt Near TMA Fire Brigade Office Near Bab-e-Dera Main Bannu Road Chashma Road	140	36
9	Dir Lower	01	Bachelor Hostel, Opposite Irrigation Office Blambat, Timergara	78	32
10	Dir Upper	02	School for Disables, Main City	106	19
11	Hangu	02	Tehsil Office Hangu Near AC Revenue Office TMO Office Tall	90	18
12	Haripur	02	Veterinary Hospital Opposite TMA Office Main G.T. Road Haripur THQ Hospital, Khanpur	79	24
13	Karak	02	Jail Chowk KDA Karak THQ Hospital Banda Daud Shah Karak	117	30
14	Khyber	02	Tehsil Complex, Jamrud Tehsil Complex, Bara	127	20
15	Kohat	05	TMA Office Near Liaquat Hospital, Kohat Tehsil Complex, Gumbat Kohat Development Authority(KDA) Eagle Forte, Sub-Division, Kohat	117	34
16	Kohistan Lower	01	THQ Hospital Patan Kohistan Lower.	31	9

17	Kohistan Upper	01	DHQ Hospital, near AC Colony, Dasu	58	9
18	Kurram	01	Parachinar, Fedral Hostel	73	3
19	Lakki Marwat	03	Lakki Town Ship, Tajazai opposite DC Office Main Lakki City	120	20
20	Malakand	02	Batkhela Malakand Dargai Malakand	100	39
21	Mansehra	01	Kashmir Road, Main Bazar Mansehra City	66	25
22	Mardan	08	Near Bacha Khan Medical Collage Sheikh Maltoon Town Mardan. Near Town Hall Collage Chowk Mardan. Near Baraf Khana Bypass Road Mardan Near Khan Qilla Swabi Road Mardan In Tehsil Takht Bhai. In Tehsil Katlang. In Type-D Hospital Rustam Irrigation Office Hathyan Bazaar. Main Swat-Mardan Road, Shergarh	517	16
23	Mohmand	02	Doctor Hostel, DHQ Hospital, Ghalanai	124	31
24	North Waziristan	01	Head Quarter Hospital Miran shah, North Waziristan	66	0
25	Nowshera	04	Dak Banglow near Shobra Chowk Nowshera Cantt. Assistant Commissioner Office Pabbi. Basic Health Unit, Shaidu Near Shaidu Stop Jehangira. University of Engineering Jaloza Campus Jaloza	240	24
26	Orakzai	01	Kalaya H/Q Orakzai	78	0
27	Peshawar	14	11 Station Lahore Bus Terminal G.T. Road Peshawar. 22 Near Faqir Abad Police Station Charsadda Bus Stand. 33 Kohati Gate Peshawar. 44 Kohat Road near City Hospital. 55 Tariq Road Peshawar Cantt. 66 University of Peshawar. 77 Near Hayatabad Medical Complex Hayatabad. 88 raggi Model Town, Peshawar. 99 BHU Warsak Road Peshawar. 10 Shah Alam Charsadda Road. 12 Sifat Ghayour Children Hospital G.T. Road 13 Peshawar Industrial Estate Hayatabad. 14 Irrigation Building, Badhber r. 15 FR Peshawar	610	51
28	Shangla	02	Tehsil Complex, Alpuri	112	22
29	South Waziristan	01	Agriculture park wana Waziristan	63	0
30	Swabi	03	Shah Mansor Tehsil Complex Jehngir Road Tehsil Complex Razar	152	34

30	Swat	07	Saidu Sharif Matta Swat Public Health Office, Bahrain Tehsil Complex, Kabal Tehsil Complex, Brikot DHQ Hospital, Khwaza Khela	259	55
31	Tank	03	11 Opposite Nadra Office, Station road tank 22 Near FC.FORT civil Hospital	100	0
Total		92		4435	690

2. SEARCH AND RESCUE, MEDICAL FIRST AND EMERGENCY RESPONSE EQUIPMENT OF RESCUE SERVICES (RESCUE-1122), KP

District	Equipment	Quantity	Remarks
Abbottabad	AMBULANCES	6	Fully Prepared
	FIRE VEHICLE	4	
	WATER BOWSER	1	
	RESCUE VEHICLE	1	
	RECOVERY VEHICLE	1	
	LIF SAVING JACKETS	20	
	LIFE BOY	2	
	BOAT WITH OBM	1	
	DEWATERING PUMP	2	
Bajaur	Rescue Boat	1	Fully Prepared
	OBM 25 HP	1	
	DEWATERING PUMP	2	
	Life Jackets	5	
	Life Boy	2	
	Rescue Vehicle	1	
	Executor	1	
Bannu	Rubber Boat	1	Fully Prepared
	ORS	4	
	Foot Pump	1	
	Life Jacket	3	
	Dewatering Pump	1	
	Life Boy	2	
	Static Rope	1	
	SCUBA Set	1	
Batagram	Rescue Vehicle	1	

	Boat	1	Fully Prepared
	SCUBA Set	1	
	OBM 15 hp	2	
	Life Boy	5	
	Life Jacket	6	
	Water Proof Light	1	
Buner	Rescue Vehicle	1	Fully Prepared
	Boat	1	
	SCUBA Set	1	
	OBM 15 hp	2	
	Life Boy	2	
	Life Jacket	5	
	Water Proof Light	1	
Charssadda	Rescue Boats	05 (02 Robar and 03 Fiber)	Fully Prepared
	OBM	05(2=40hp, 1=25hp, 1=30hp and 1=55hp)	
	Water Rescue Van	1	
	Life Jackets	7	
	Dewatering Pump	4	
	Diving Suits	2	
	SCUBA Sets	2	
	Rescue Vehicles	1	
	Recovery Vehicle	1	
Chitral	Ambulance	3	Fully Prepared
	Fire Truck	3	
	Rescue Vehicle	1	
	Recovery Vehicle	1	
	Water Bowser	1	
	Excavator	1	
	Water Rescue Unit	1	
	Dewatering Pump Small	2	
	Dewatering Pump Large	1	
	OMB Machine	4	
DI Khan	Water Rescue Van	01 No.	Fully Prepared
	Fire Rescue Boat	01 Medium + 01 Large	
	Inflatable RubberBoats	04 Medium	
	OBM 48 HP	01 No.	
	OBM 40 HP	02 No's	
	OBM 30 HP	01 No.	
	OBM 25 HP	02 No's	
	Life Jackets	20 No's	

	SCUBA Sets	03 No's	
	Swimming Suits	02 No's	
	Safety Line Ropes	03 Bundles + 04 Small Bundles	
	Water Safety Ropes	02 No's	
	Life Bouy (Plastic Tube)	06 No's	
	Dewatering Pumps 30 HP	02 No's	
Dir Lower	OBM(2=25hp, 2=40hp, 1=15hp)	5	Fully Prepared
	Fiber Glass Boat Double Ply	1	
	Inflatable Rubber Rescue Boats	4	
	Professional Water Rescue Life Jackets	11	
	Inflatable Life Jackets	5	
	SCUBA Set	3	
	Water Rescue Vehicle	1	
	Rescue Vehicle	1	
	Diving Suits	2	
	Dry Suits	2	
	Life Boys	4	
	Divers	2	
Ambulances	2		
Dir Upper	Rubber Boat	1	Fully Prepared
	Foot Pump	1	
	Life Jackets	4	
	Life Boy	1	
	Static Rope	2	
	SCUBA Set	1	
Hangu	Boats Inflatable	2	Fully Prepared
	OBM	3	
	Life Jacket	10	
	Life Boy Rubber Tube	6	
Haripur	Ambulances	3	Fully Prepared
	Fire Vehicles	2	
	Fire Water Bowser	1	
	De Watering Pump	4	
	Inflatable Boats	3	
	Fiber Glass Water Boat	1	
	OBM Machines	5	
	Water Rescue Vehicles	1	
	Rescue Vehicle	1	
OBM Trained Staff	2		

Karak	Inflatable Boat	1	Fully Prepared
	Dewatering Pump	2	
	Static Rope	1	
	OBM Machine	1	
	OBM Fuel Tank	1	
	Life Jacket	7	
	Life Boy	2	
	Diver	1	
	Foot Pump	1	
	Life line	2	
Khyber	Ambulance	2	Fully Prepared
	Mini Ambulance	1	
	Fire Vehicles	2	
	Water Bowser	1	
	Rescue Vehicle	1	
	Inflatable Boat	1	
	OBM Machine	1	
	Excavator	1	
	Supporting Staff	4	
Kohat	Dewatering	3	Fully Prepared
	Boat Inflatable	1	
	OBM	1	
	Life Jacket	18	
	Life Boy Rubber Tubes	2	
Kohistan Lower	Inflatable boat	1	Fully Prepared
	OBM	1	
	Life jackets	5	
	Diving suits	2	
	Scuba sets	1	
	Rescue vehicle	1	
	Ambulances	2	
	Fire vehicle	1	
	Water bower	1	
Kohistan Upper	Rescue Boat	1	Fully Prepared
	OBM 15 HP	1	
	DEWATERING PUMP	1	
	Life Jackets	6	
	Life Boy	1	
	Rescue Vehicle	1	
Kuram	Rescue Vehicle	1	Fully Prepared
	Boat	1	
	SCUBA Set	1	

	OBM 15 hp	2	
	Life Boy	3	
	Life Jacket	8	
	Water Proof Light	1	
Lakki Mrwat	Rescue Vehicle	1	Fully Prepared
	Boat	1	
	SCUBA Set	1	
	OBM 15 hp	2	
	Life Boy	4	
	Life Jacket	8	
	Water Proof Light	2	
Mardan	Ambulance	15	Fully Prepared
	Fire Vehicle	9	
	Recue Vehicle	5	
	Fiber Glass Boots	04 Small, 05 Medium	
	Dewatering Pumps	1	
	OBM Machine	2	
	Water Rescue Vehicles	1	
	OBM Staff	5	
Malakand	Trained Staff	80	Fully Prepared
	Ambulances	3	
	Fire Vehicles	3	
	Disaster Rescue Vehicles	1	
	Hypo line Boat (Inflatable Small Boat)	1	
	OBM (Small 25 Hp)	1	
Mansehra	AMBULANCES	2	Fully Prepared
	FIRE VEHICLE	1	
	WATER BOWSER	1	
	RESCUE VEHICLE	1	
	Life jackets	5	
	Life Boy	2	
	Life Line	3	
	Inflatable Boat	1	
	Diving Torch	1	
	Oares	4	
	Silk Rope	1	
	OBM	1	
	OBM Fuel Tank	1	
	Sledge Sout	1	
	Foot Pump	1	
Muhmand	Rescue Vehicle	1	

	Boat	1	Fully Prepared		
	SCUBA Set	1			
	OBM 15 hp	2			
	Life Boy	8			
	Life Jacket	10			
Nowshera	Rescue Boats	05 Large, 01 Medium, 01 Small	Fully Prepared		
	OBM 55 OBM 40 HP OMB 25 HP OBM 15 HP	01 Nos 04 Nos / 02 Nos / 01Nos			
	Water Rescue Van	2			
	Life Jacket	25			
	SCUBA Sets	2			
	Rescue Vehicle	1			
	Dewatering Pump	8			
North Waziristan	Rescue Vehicle	1	Fully Prepared		
	Boat	1			
	SCUBA Set	1			
	OBM 15 hp	2			
	Life Boy	2			
	Life Jacket	5			
	Water Proof Light	1			
Orakzai	Rescue Vehicle	1	Fully Prepared		
	Boat	1			
	SCUBA Set	2			
	OBM 15 hp	2			
	Life Boy	4			
	Life Jacket	9			
	Water Proof Light	2			
Peshawar	Rescue Boats	05 Small, 05 Medium, 05 Large.	Fully Prepared		
	OBM 75 HP, 40 HP, 25 HP	02 Nos 05 Nos 03 Nos			
	Water Rescue Van	2			
	Life Jackets	250			
	De-watering Pump	03 Large 05 Small			
	SCUBA sets	03 with all accessories			
	Rescue Vehicles	02 Fully equipped			
	Excavators	01 Nos			
	Recovery Vehicle	02 Nos			
	Shangla	Ambulance		2	

	Fire Vehicle	1	Fully Prepared
	Rescue Vehicle	1	
	D-water pump	1	
	Life jackets	10	
	Life Boy	2	
Swat	Ambulance	11	Fully Prepared
	Health Departments Ambulance	3	
	Fire Vehicles	9	
	Rescue Vehicles	1	
	Recovery Vehicle	1	
	Crane	1	
	Excavator	1	
	Water Rescue Van	1	
	Fiber Boat	1	
	Inflatable Boats	2	
	Local Boats	2	
	Dewatering Pumps	4	
	Life Jackets	20	
	Scuba Sets	3	
	OMB Machine	4	
	OBM Machine (40 Horse Power)	3	
OBM Machine (25 Hours Power)	1		
Swabi	Ambulances	5	Fully Prepared
	Fire Vehicles	3	
	Water Bowser	1	
	Rescue Vehicle	1	
	Water Rescue Vehicle	1	
	Dewatering Pump	2	
	OBM Machine	4	
	Fiber Galas Boat	1	
	Rubber Boat	4	
South Waziristan	Rescue Vehicle	1	Fully Prepared
	Boat	1	
	SCUBA Set	1	
	OBM 15 hp	2	
	Life Boy	2	
	Life Jacket	5	
Tank	Rescue Vehicle	1	Fully Prepared
	Boat	1	
	SCUBA Set	1	

OBM 15 hp	2
Life Boy	5
Life Jacket	5
Water Proof Light	3

DIVERS OF RESCUE SERVICES (RESCUE 1122) KHYBER PAKHTUNKHWA

S.NO	District	Total Divers	DR
1	Abbottabad	D.Sup -01 Divers-2	7
2	Bajaur	Divers – 7 D.Sup – 1	14
3	Bannu	Divers – 7 D.Sup – 2	13
4	Batagram	Divers -01 D.Sup -01	05
5	Buner	Divers –2 D.Sup-01	3
6	Charsadda	Divers –5 D.Sup – 1	6
7	Chitral	Divers – 2 D.Sup – 02	6
8	D.I. Khan	D.Sup - 2 Divers-01	11
9	Dir-L	Divers -02 D.Sup -1	3
10	Dir-U	Divers –01 D.Sup-01	5
11	Hangu	Divers – 7 D.Sup – 1	7
12	Haripur	Divers –5 D.Sup -02	02
13	Karak	Divers –1 D.Sup – 1	11
14	Khyber	Divers – 2	1
15	Kohat	Divers – 7 D.Sup - 1	5
16	Kohistan-L	Divers –01 D.Sup -01	02
17	Kohistan-U	Divers – 7 D.Sup - 1	4
18	Kurram	Divers -1 D.Sup -1	3
19	Lakki Marwat	Divers – 1 D.Sup- 01	10
20	Malakand	Divers – 5 D.Sup – 2	7
21	Mansehra	Divers- 01 D.Sup -01	3
22	Mardan	Divers – 4 D.Sup - 1	26
23	Mohmand	Divers - 5 D.Sup – 2	7
24	Nowshera	Divers – 8 D.Sup - 2	10
25	Orakzai	Divers -2 D.Sup -1	2
26.	Peshawar	Divers - 8 D.Sup - 2	11
27	Shangla	D.Sup -2 Divers-6	8
28	Swabi	Divers –02	7

		D.Sup -2	
29	Swat	D.Sup – 1 Divers – 3	6
30	Tank	Divers -01 D.Sup -01	4
31	Waziristan (S)	Divers - 01 D.Sup – 1	3
32	Waziristan(N)	Divers -01 D.Sup -2	4

Annexure V : Civil Defense Resource Mapping

S #	Relief Items	Name of District										
		Peshawar	Mardan	Nowshera	Charsadda	Malakand	Dir Lower	Dir Upper	Chitral	Swat	Bannu	Kohat
1	Tents (all types)	-	-	-	-	-	01	02	-	-	40	02
2	Tarpaulins	-	-	-	-	-	-	-	-	-	-	-
3	Mosquito Nets (all type)	-	-	-	-	-	-	-	-	-	-	-
4	First Aid Kits	03	--	-	-	-	02	03	-	10	05	-
5	Female Hygiene Kits	16	-	-	-	06	-	-	-	-	-	-
6	Blankets / Quilts	-	-	-	-	02	03	04	04	03	03	-
7	Agua Tabs	-	-	-	-	-	-	100	-	-	-	-
8	MREs	-	-	-	-	-	-	-	-	-	-	-
9	Kitchen Sets	-	-	-	-	-	-	-	-	-	-	-
10	Torch	01	-	02	-	03	-	04	04	-	-	-
11	Solar Charger	01	-	02	-	03	-	04	04	-	-	-
12	Plastic Mats	-	-	-	-	-	-	-	-	-	-	-
13	Gas cylinders	01	-	-	-	-	-	-	-	-	-	02
14	Jerry Cans	-	-	-	-	-	-	-	-	-	-	-
15	Iron Bed / Charpai	-	-	-	-	-	-	-	-	-	-	-
16	Mattresses /Sleeping Mats	-	-	-	-	-	-	-	-	-	-	-
17	Pedestal Fan	01	-	-	-	-	-	-	-	-	-	01
18	Water coolers / Tanks	-	-	-	-	-	01	01	-	-	-	02

S#	Organization	Contact No of Organization	Type of equipment	Quantity	Location
1.	Civil Defence Office Malakand	0932411031	Life jackets	06	District Civil Defence Office Malakand
			Sand Bags	300	
			Life Ring	08	
2.	Civil Office Dir Lower	09459250140	Life Jackets	02	District Civil Office Dir Lower
			Generator Sets all Types	01	
			Search Light	02	
			Life Jackets	05	
3.	Civil Office Dir Upper	0944881200	Search Light	03	District Civil Office Dir Upper
			Sand Bags	100	
			Life jackets	06	
4.	Civil Defence Office Chitral	0943412088	Life jackets	50	District Civil Defence Office Bannu
			Sand Bags	250	
6.	Civil Defence Office Mardan	03139244439	OBM40HP(Damage /Un-Serviceable)	01	District Civil Defence Office Mardan
			Life Jacket	01	
7.	Civil Defence Office Charsadda	0919220027	Life Jackets	05	District Civil Defence Office Charsadda
			Pumping set (all types)	01	
			Life jackets	30	
8.	Civil Defence Office Kohat	0922-860105	De-Watering pumping set	01	District Civil Defence Office Kohat
			Life jackets	30	
9.	Civil Defence Office Swat	0946 9240328	Life jackets	03	District Civil Defence Office Swat
10.	Civil Defence Office Peshawar	091-9225461	Life Jackets	03	District Civil Defence Office Peshawar

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