



This report was produced and issued by OCHA Pakistan. It provides an overview of the monsoon flood situation as of 22 July 2015.

Heavy monsoon rains, the rapid melting of snow and outbursts from glacial lakes from 16 to 22 July 2015 have led to flash floods and the flooding of the Indus River in various locations across Pakistan. Chitral District in Khyber Pakhtunkhwa has been badly hit with an estimated 285,000 people affected. Areas in Gilgit Baltistan, Punjab and Sindh are also affected. The Pakistan Army and Government authorities are providing immediate response. OCHA is in contact with provincial and national disaster management authorities, and continues to monitor the situation.



Situation Overview

Chitral, Khyber Pakhtunkhwa

Situation

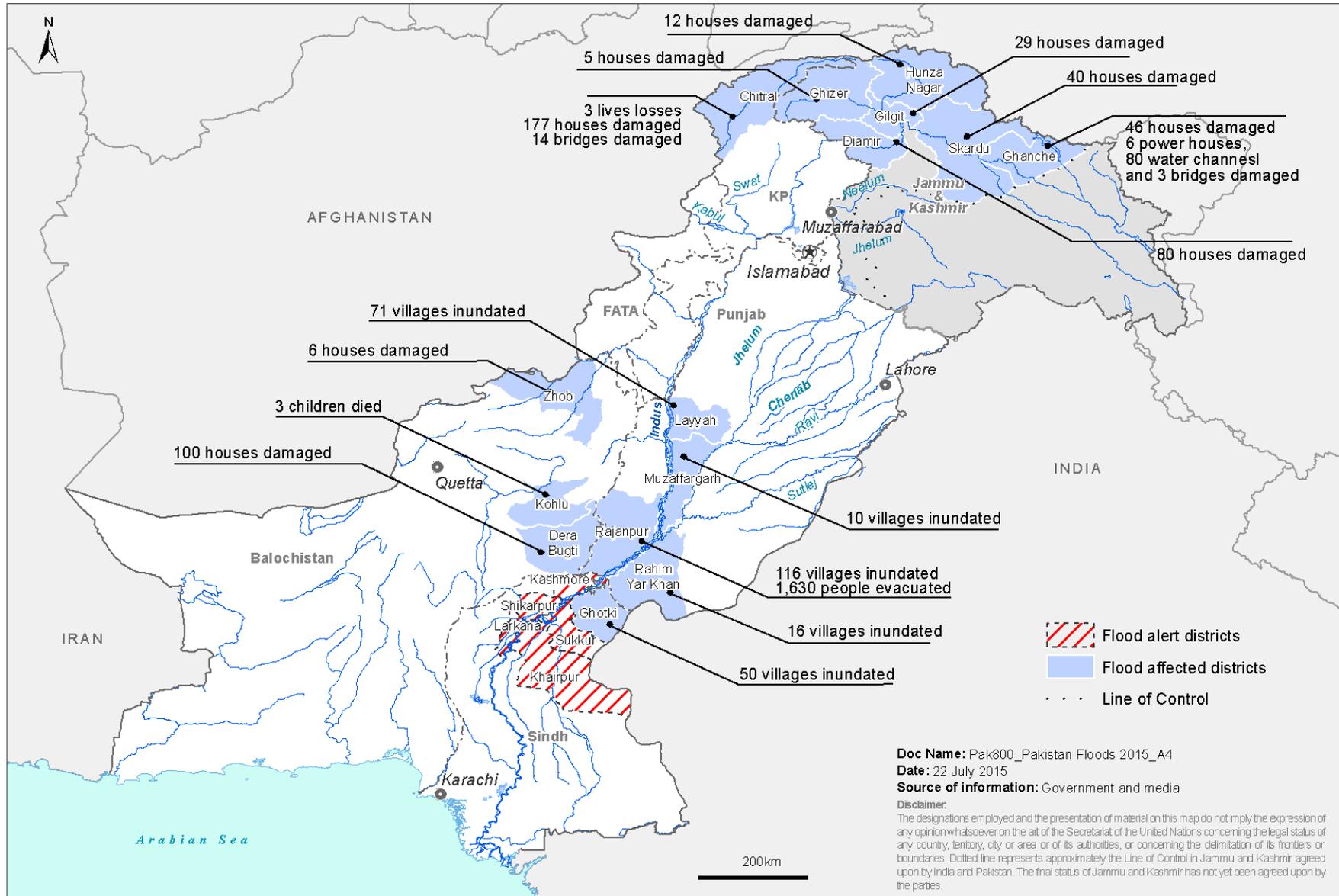
Heavy rains and outbursts from glacial lakes on 16, 17 and 19 July have caused flash floods in Chitral District, Khyber Pakhtunkhwa (KP). The floods have affected some 285,000 people with 3 reported fatalities (1 male; 2 female). The exact number of people injured is difficult to determine due to the inaccessibility of many affected areas.

According to the Provincial Disaster Management Authority (PDMA), 29 villages are badly affected with damage to 29 drinking water supply schemes, 5 power houses, and 177 houses (145 fully destroyed and 32 partially). Several major roads and bridges have been badly damaged making areas in Upper Chitral, the Kalash Valley and Garam Chashma inaccessible. There are also reports of large losses to livestock, public and private property, and agricultural land and crops. Affected areas are expected to receive more rain throughout the week.

Government response

- Forty tons of food assistance has been dispatched by PDMA. The Chitral Scouts section of the Pakistan Army has delivered food packages to affected people by helicopter, while NDMA plans to deliver additional food assistance by two C-130 aircraft today.
- The Chitral Scouts are leading on rescue operations.
- The current focus is on restoring damaged roads to ensure access to affected areas. Resources have been deployed to open key routes. A damaged bridge at Broze has been temporarily restored for light traffic.
- The water supply channel to Chitral town, which was damaged by the floods, is being restored. In the interim, water is being tanked to Chitral town on a daily basis. The Chief Municipal Officer is working to restore drinking water from the Golen Gol supply line and start work on Anghar Ghon water supply unit on an urgent basis.
- The Irrigation Department is working on the channelization and clearance of debris from Drosh Gol, Kalkatak Gol and Chukidam.
- PDMA KP has released PKR1 million to the district administration for the provision of immediate relief assistance.
- The Chitral District Disaster Management Unit (DDMU) has established an Emergency Operations Center to coordinate the response, and will be operational 24/7.
- District authorities also conducting detailed assessments to verify the level of damage.
- PDMA KP indicates that the provincial authorities, district administration and army are effectively responding to the situation.
- The Pakistan Red Crescent Society and FOCUS are supporting the government efforts in assessing and responding to the situation.

PAKISTAN: Floods Situation - as of 22 July 2015



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The mission of the United Nations Office for the Coordination of Humanitarian Affairs (OCHA) is to mobilize and coordinate effective and principled humanitarian action in partnership with national and international actors.

Coordination Saves Lives

Gilgit Baltistan

Situation

Heavy rains, rapid melting of snow due to warm weather and outbursts from glacial lakes have caused flooding in the Astore, Diamer, Ghanche, Ghizer, Giltgit, Hunza Nagar and Skardu Districts of Gilgit Baltistan. In Gilgit District, police reports indicate that the Ghanche River changed its course to run through a village. There are two reported fatalities from Talas village, Diamer District.

There has been major damage to roads, water channels, power houses and bridges in Hunza Nagar and Skardu Districts, and a medium level of damage in Astore, Diamer and Gilgit, Districts. Floods have damaged 166 houses with a medium level of damage to land, crops and trees. The areas of Buner, Niat and Fairy Meadows in Daimer, and Hisper in Hunza, Nagar remain inaccessible due to damaged roads and bridges.

Government response

- Ghanche district administration has shifted affected people to safe areas, and provided them with food and shelter assistance.
- 76 tents and 132 food packages have been distributed in Diamer and Ghizer Districts.
- Work is underway to open blocked roads and restore other infrastructure damaged by the floods.

Punjab

Situation

According to reports from district authorities and in the media, more than 197 villages have been inundated in the Layyah (71), Muzaffargarh (10), Rajanpur (116) Districts of Punjab due to the rising level of the Indus River. All affected villages are situated close to the river and are normally evacuated due to rising water levels. District authorities have facilitated the evacuation of affected people with no fatalities reported.

The flood waters have caused significant damage to standing crops including to an estimated 40,000 acres in Layyah and 35,000 acres in Rajanpur.

Government response

- Layyah District administration has set up 12 monitoring and rescue camps in Layyah tehsil, and 5 relief camps in Kehrora Pakka Tehsil.
- 1,630 people have been evacuated from flood plains in Rajanpur District. The district administration is providing assistance, including food, to affected people including food.
- PDMA Punjab has established a control room at Lahore that is connected to district emergency control rooms around the province.
- PDMA is monitoring the situation, and has provided tents and relief goods to the districts to be distributed among affected population in case of emergency.
- District administrations are providing relief to evacuated families
- The Director General of PDMA Punjab will convene a cabinet committee meeting to review flood preparedness arrangements and to monitor the situation on ground.

Balochistan

Situation

According to reports from PDMA Balochistan, heavy rainfall and windstorms have damaged 106 houses in Zhob, Dera Bugti and Kohlu Districts. Three children have died and six persons injured in different rain and flood related incidents. Flash floods have damaged electricity lines, water supply lines, roads and bridges, and public and private infrastructures. There are also reports of flooding in Barkhan, Harnai, Musakhel and Killa Saifullah Districts but so far no information of damages have been received.

Government response

Local administrations with support of PDMA Balochistan have been responding to the situation and providing assistance to affected communities.

Sindh

Situation

According to the Meteorological Department, the Indus River at Guddu village, Kashmore District is at medium flood level and at low flood level in Sukkur. According to media reports, 50 villages in the Katcha area of Ghotki District are inundated with the population in these areas starting to evacuate.

PDMA Sindh has issued red flood alert for six districts of Sindh: Ghotki, Kashmore, Khairpur, Larkana, Shikarpur and Sukkur.

Government response

- PDMA Sindh will establish 4 tent cities (consisting of 50 tents with WASH, health and livestock facilities) in each of the 6 alerted districts today.
- PDMA has provided tents and boats to the districts. The district authorities will facilitate the evacuation of people from Katcha areas as required.
- PDMA has established emergency control center at the provincial level, which is operational 24/7.
- The Pakistan Army will provide rescue and relief in case of any emergency; 800 Pakistan Army personnel have already been deployed to Sukkur District to assist with the response.
- NGO Hands received a request from the Government to support the establishment of a tent city in Kashmore.

Weather Forecast

The Metrological Department forecasts that monsoon rains will continue in central and upper areas of Pakistan over the coming week. Heavy rain and thundershowers are expected in areas of all provinces with a risk of flash flooding in Punjab, upper Khyber Pakhtunkhwa, eastern Balochistan and Pakistan Administered Kashmir over the next three days. People living in low lying areas beside steams in these areas have been advised to remain careful over this time. All concerned authorities have been advised to take precautionary measures accordingly.

Figure 1: Precipitation outlook 22 to 30 July 2015
Source: Pakistan Meteorological Department

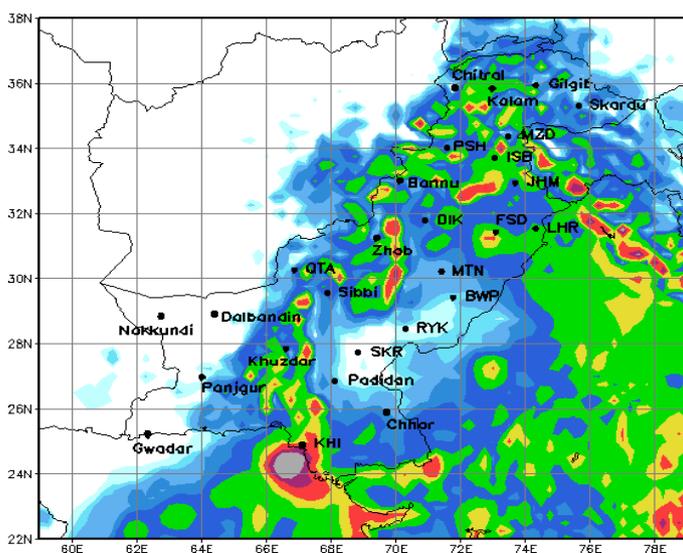
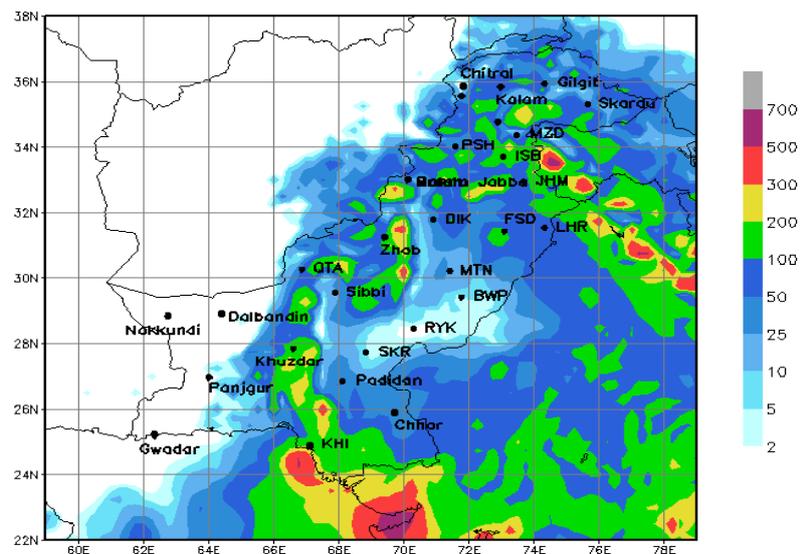


Figure 2: Precipitation outlook 30 July to 7 August 2015
Source: Pakistan Meteorological Department





**GOVERNMENT OF PAKISTAN
NATIONAL DISASTER MANAGEMENT AUTHORITY
MONSOON WEATHER SITUATION REPORT 2015
DATED: 22nd JULY 2015**



RIVERS						RESERVOIRS (Reading 0600hrs)						LOSSES / DAMAGES	
River / Structure	Design Capacity (Cusecs)	Actual Observations		Forecast for Next 24hrs (Inflow)	Forecasted Flood Level (Inflow)	RESERVOIR	MAX Conservation Level (Feet)		Today (Feet)		<p style="text-align: center;">Chitral Flash Flood / GLOF - Annex A Punjab Riverine Flood - Annex B Balochistan Flash Flood - Annex C Gilgit Baltistan Flash Flood/ GLOF - Annex D</p>		
		In Flow (thousand cusecs)	Out Flow (thousand cusecs)				RESERVOIR		Today (Feet)				
RIVER INDUS (Reading 0600hrs)						RAINFALL (MM) PAST 24 HOURS							
Tarbela	1,500,000	338.0	328.2	320 – 350	Low	Lahore (Shahdara)	96	Chhor	47	Sehrkakota			30
Kalabagh	950,000	406.2	397.9	400 – 440	Medium	Lahore (Misri Shah)	92	Palandri	44	Marala (DS)			27
Chashma	950,000	462.1	455.1	440 – 480	Medium	Lahore (Shahi Qilla)	78	Mithi	42	T.T. Singh			23
Taunsa	1,100,000	459.7	459.7	450 – 480	Medium	Mandibahadin	73	Kallar	41	Palote			19
Guddu	1,200,000	353.1	325.5	360 – 380	Medium	Lahore (Upper Mall)	66	Murree	40	Silakot (Cantt), Balakot, Chakwal & Jhelum			17
Sukkur	1,500,000	286.6	231.9	290 – 300	Low	Lahore (City)	61	Kund	38	Joharabad			15
Kotri	875,000	92.1	54.0	95 – 110	Below Low	Mangla	48	Kotli	35	Kalam			12
RIVER KABUL (Reading 0600hrs)						METEOROLOGICAL FEATURES						NOTES	
Nowshera	-	96.9	96.9	80 – 100	Medium	<ul style="list-style-type: none"> ➤ Yesterday's trough of westerly wave over upper parts of the country persists. ➤ Well marked seasonal low lies over North Balochistan ➤ Moderate to strong moist current is penetrating into Punjab and Kashmir up to 5,000 feet. ➤ Low pressure area over North Madhya remained stationary for last 3 days. 						<p style="text-align: center;">WEATHER WARNING</p> <p>Due to unstable weather conditions and significant monsoon rains there would be risk of flash flooding in the local streams and nullahs of Punjab, Upper Khyber Pakhtunkhwa, Eastern Balochistan and Kashmir during next 3 days. People living in low lying areas along the streams and nullahs are advised to remain careful during next 2 days.</p> <p style="text-align: center;">FLOOD WARNING</p> <p>According to latest Meteorological & Hydrological conditions observed by FFD (Lahore), River Indus at GUDDU is likely to attain High Flood Level ranging between 500,000 - 550,000 cusecs during the period from 1200 PST on 24th July 2015 to 2359 PST on 26th July 2015. River Indus at SUKKUR is also likely to attain High Flood Level ranging between 500,000 - 540,000 cusecs during the period from 1200 PST on 25th July 2015 to 2359 PST on 27th July 2015.</p>	
RIVER JHELUM (Reading 0600hrs)						<p style="text-align: center;">WEATHER FORECAST FOR NEXT 24 HOURS</p> <ul style="list-style-type: none"> ➤ Fairly widespread thunderstorms / rains of moderate intensity with isolated heavy falls is expected over Sindh ➤ Scattered thunderstorms / rains of moderate intensity with isolated heavy falls are expected over Upper Catchments of all Major Rivers along with Punjab, Khyber Pakhtunkhwa and Northeast Balochistan. ➤ Rainfalls of moderate intensity with isolated heavy falls are also expected over Hill Torrents of D.G. Khan Division. 							
Mangla	1,080,000	78.0	60.0	80 – 145	Low - Medium								
Rasul	850,000	68.6	50.9	60 – 75	Below Low								
RIVER CHENAB (Reading 0600hrs)						<p style="text-align: center;">WEATHER FORECAST FOR NEXT 24 HOURS</p> <ul style="list-style-type: none"> ➤ Fairly widespread thunderstorms / rains of moderate intensity with isolated heavy falls is expected over Sindh ➤ Scattered thunderstorms / rains of moderate intensity with isolated heavy falls are expected over Upper Catchments of all Major Rivers along with Punjab, Khyber Pakhtunkhwa and Northeast Balochistan. ➤ Rainfalls of moderate intensity with isolated heavy falls are also expected over Hill Torrents of D.G. Khan Division. 							
Marala	1,100,000	123.4	91.4	100 – 130	Low								
Khanki	800,000	100.3	92.3	90 – 110	-do-								
Qadirabad	807,000	88.2	66.2	90 – 110	-do-								
Trimmu	645,000	106.0	89.8	No Significant Change	Below Low								
Panjnad	700,000	106.6	94.8	-do-	-do-								
RIVER RAVI (Reading 0600hrs)													
Jassar	275,000	18.6	18.6	No Significant Change	Below Low								
Shahdara	250,000	19.7	19.7	-do-	-do-								
Balloki	225,000	62.5	30.5	55 – 65	Low								
Sidhnai	150,000	40.6	29.2	35 – 40	-do-								
RIVER SUTLEJ (Reading 0600hrs)													
G.S. Wala	-	13.00	Feet only	13 – 14	Below Low								
Sulem anki	325,000	17.9	5.0	No Significant Change	-do-								
Islam	300,000	3.4	2.2	-do-	-do-								

Sources: PMD & Flood Forecasting Division (Isolated – 20% to 30% of area, Scattered – 30% to 50% of area, Widespread – 90% to 100% of area.) PMD Rain scales are good for Islamabad. However, its accuracy for all areas depends on Soil, time / duration of rain falls and its geographical spread. Light Rain 5 mm, Moderate Rain 7 – 25 mm, Heavy Rain 25 – 75 mm, Very Heavy Rain Above 75 mm
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