



**Government of Pakistan**  
**Ministry of Climate Change**  
**National Disaster Management Authority**  
**(Prime Minister's Office) Islamabad**



**MONSOON 2017 DAILY SITUATION REPORT NO – 022**

**(Period Covered: 1300 Hrs 22 July 2017 – 1300 Hrs 23 July 2017)**

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels except; River Indus at Tarbela, Kalabagh, Chashma & Guddu and River Kabul at Nowshera which are at **Low Level**. Details at **Annex A**.
2. **Past Meteorological Situation and Future Forecast by PMD.** Significant rainfall reported in last 24 hours is; Kamra 79 mm, Islamkot 40 mm & Diplo 39 mm. PMD forecast for next 24 hours predicts scattered thunderstorm / rain with ***isolated heavy falls over South & Southeast Sindh and East Balochistan alongwith D.G Khan, Multan & Bahawalpur Divisions.*** Isolated thunderstorm / rain over Rawalpindi, Sargodha, Gujranwala, Faisalabad, Lahore & Sahiwal Divisions alongwith Khyber Pakhtunkhwa and ***Upper Catchments of all the major Rivers.*** Details at **Annex B**.

3. **Dam Levels**

Serial	Reservoirs	Max Conservation Level & Storage		Current Level & Storage		Remaining Level & Storage	
		(Feet)	(MAF*)	(Feet)	(MAF*)	(Feet)	(MAF*)
a.	Tarbela	1,550.00	6.174	1,523.00	4.687	<b>27</b>	<b>1.487</b>
b.	Mangla	1,242.00	7.406	1,219.90	5.703	<b>22.4</b>	<b>1.703</b>

(\* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours.** No significant event reported in last 24 hours.
5. **Road Situation (NHA and Respective Provinces).** All roads across the Country are clear for all types of traffic.
6. **Railway Situation.** All railway routes are clear.
7. **Preliminary Losses / Damages Reported.** Overall details of losses / damages during Monsoon Season 2017 are at **Annex C**.
8. **Relief Provided.** Overall details of relief provided at **Annex D**.
9. **Any Critical Activity to Report.** Nothing to Report.
10. **NDMA Recommendations.** Considering ongoing Monsoon spell and weather forecast by PMD, relevant stakeholders are advised to remain on **Alert** and ensure following:-
  - a. Clearance of sewerage / drainage system in all major cities especially Karachi, Hyderabad, Islamabad, Rawalpindi, Lahore, Multan, Quetta & Peshawar by relevant stakeholders. Critical monitoring of main sewerage channels passing from all major cities by relevant stakeholders / City Governments.

- b. Issue timely alerts to people residing in / close to river plains / water courses.
- c. Public awareness to vacate dangerous buildings, remain away from electric wires / poles and avoid swimming during periods of intense rain.
- d. Sensitise vulnerable population not to venture into nullahs / flash flooding routes.
- e. NHA, FWO and C&W Departments of respective Provinces / Regions to remain vigilant in restoring road links.
- f. There is a **possibility of landslides in Khyber Pakhtunkhwa, AJ&K, & Gilgit Baltistan** areas, vulnerable population should remain alert and necessary preventive measures be taken.
- g. **Tourists be cautioned** to avoid travelling to areas vulnerable to landslides.
- h. NIH / NHEPRN to advise all provincial Health departments about pre-positioning of necessary staff and medicines, where required.
- i. Vulnerable communities along reaches of major rivers and their tributaries / Nullahs to be sensitized for requisite precautionary measures.
- j. **Staff of emergency services be sensitized for availability over the weekend.**
- k. **Considering current hydrological position especially at main hydrological structures and weather forecast by PMD, vulnerable flood protection bunds must be continuously monitored by relevant stakeholders to ward off any accidental breaches. In case of any accidental breach, contingency measures be adopted without loss of time.**
- l. **Owing to possibility of rain in upper catchments of Rivers Jhelum, Chenab, Ravi, Sutlej & Indus, vulnerable communities along reaches of these rivers and their tributaries / Nullahs to be sensitized for requisite measures.**
- m. **PDMA Punjab, Sindh & Balochistan Only. Considering possibility of rains in Sindh, Eastern Balochistan & D.G Khan Division, vulnerable communities especially along hill torrents be sensitised for requisite precautionary measures.**
- n. **PDMA Punjab Only.** Please share segregated data of losses & damages from start of Monsoon Season 2017, as reflected at Annex C.

**RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION**

<b><u>Rivers</u></b>						
River / Structure	Design Capacity	Actual Observed Flow		Forecast for Next 24 hrs (Inflow)	Forecasted Flood Level (Inflow)	Danger Level (V. High Flood)
		In Flow	Out Flow			
<b><u>River Indus</u></b>						
Tarbela	1,500	249.0	243.7	240 – 255	Low	650
Kalabagh	950	262.6	254.8	260 – 290	Low	650
Chashma	950	226.3	219.8	230 – 270	Low	650
Taunsa	1,100	235.0	213.0	200 – 235	Below Low	650
Guddu	1,200	204.9	174.6	205 – 225	Low	700
Sukkur	1,500	141.7	100.2	No Significant Change	Below Low	700
Kotri	875	60.3	36.8	-do-	-do-	650
<b><u>River Kabul</u></b>						
Nowshera	540	46.8	46.8	45 – 55	Low	200
<b><u>River Jhelum</u></b>						
Mangla	1,060	31.0	10.0	30 – 60	Below Low	225
Rasul	850	3.6	0.0	No Significant Change	-do-	225
<b><u>River Chenab</u></b>						
Marala	1,100	88.8	56.1	70 – 90	Below Low	400
Khanki	800	71.6	63.0	No Significant Change	-do-	400
Qadirabad	807	61.0	39.0	-do-	-do-	400
Trimmu	645	52.2	39.6	-do-	-do-	450
Panjnad	700	43.0	29.2	-do-	-do-	450
<b><u>River Ravi</u></b>						
Jassar	275	2.1	2.1	No Significant Change	Below Low	150
Shahdara	250	24.8	24.8	-do-	-do-	135
Balloki	225	43.0	11.2	-do-	-do-	135
Sidhnai	150	20.8	6.9	-do-	-do-	90
<b><u>River Sutlej</u></b>						
G.S.Wala	--	6.0 (Gauge in Feet)		No Significant Change	Below Low	25.3 Feet
Sulemanki	325	15.8	2.6	-do-	-do-	175
Islam	300	1.2	0.0	-do-	-do-	175

**Note.** All data in Thousands of Cusecs.

**PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD**

1. **Rainfall Reported Last 24 Hours**

- a. **Islamabad**. Zeropoint 9 mm, Saidpur 6 mm, Shamsabad 3 mm, Golra 3 mm, Bokra 1 mm and Airport 1 mm.
- b. **Punjab**. Sialkot 27 mm, Murree 17 mm, Faisalabad 11 mm, Attock 5 mm, Talhatta 5 mm, Chakwal 4 mm, Dhok Pattan 3 mm, Mangla 1 mm, Gujranwala 1 mm and Kot Addu 1 mm.
- c. **Khyber Pakhtunkhwa**. Kamra 79 mm, Tarbela 30 mm, Saidu Sharif 29 mm, Malamjabba 28 mm, Risalpur 24 mm, Shinkiari 23 mm, Rasheedabad 20 mm, Oghi 18 mm, Kakul 18 mm, Daggar 12 mm, Dir 6 mm, Balakot 5 mm, Warsak 2 mm, Kalam 1 mm, Sehrkakota 1 mm and Lower Dir 1 mm.
- d. **Sindh**. Islamkot 40 mm, Diplo 39 mm, Mithi 37 mm, Chachoro 32 mm, Nagarparkar 25 mm and Mirpur Khas 25 mm.
- e. **Balochistan**. Khuzdar 30 mm.
- f. **AJ&K**. Phulra 17 mm, Domel 5 mm, Rawalakot 5 mm, Muzaffarabad 4 mm, Hattian Bala 2 mm and Kotli 1 mm.
- g. **Gilgit-Baltistan**. Bagrote 16 mm, Astore 2 mm and Gilgit 1 mm.
- h. **FATA**. Parachinar 3 mm.

2. **Weather Forecast Next 24 Hours**. Scattered thunderstorm / rain with isolated heavy falls is expected over South & Southeast Sindh and East Balochistan alongwith D.G Khan, Multan & Bahawalpur Divisions. Isolated thunderstorm / rain is expected over Rawalpindi, Sargodha, Gujranwala, Faisalabad, Lahore & Sahiwal Divisions alongwith Khyber Pakhtunkhwa and ***Upper Catchments of all the major Rivers***.

3. **Weather Outlook from 23 – 24 July 2017**. Scattered thunderstorm / rain with isolated heavy falls and ***one or two very heavy falls*** is expected over ***Sindh, Eastern Balochistan & South Punjab***. Moderate Rainfall with isolated heavy falls is likely over the ***upper catchments of Rivers Jhelum, Chenab, Ravi & Sutlej*** alongwith North Punjab & Khyber Pakhtunkhwa during the period.

4. **Weather Last 24 Hours**. Rain-thunderstorm occurred at scattered places in Rawalpindi, Gujranwala, Faisalabad, Malakand, Hazara, Peshawar, Kalat, Mithi, Mirpurkhas Divisions, Islamabad, FATA, Gilgit-Baltistan and Kashmir. Weather remained hot and humid in other parts of the Country.

**Annex C**  
To NDMA SITREP No-022  
dated 23 July 2017

**PRELIMINARY DAMAGES / LOSSES MONSOON – 2017**

(FROM 26 JUNE TO 23 JULY 2017)

Provinces	Deaths				Injured				Houses Damaged		
	M	F	C	T	M	F	C	T	P	F	T
Punjab	-	-	-	30	-	-	-	77	-	-	12
Khyber Pakhtunkhwa	5	1	7	13	2	4	8	14	15	14	29
Sindh	3	-	3	6	4	6	7	17	5	-	5
Balochistan	13	4	9	26	-	-	-	-	36	-	36
AJ&K	1	-	-	1	-	1	-	1	17	12	29
FATA	1	6	6	13	3	8	5	16	3	3	6
Gilgit-Baltistan	-	-	-	-	-	-	-	-	5	-	5
ICT	1	1	1	3	-	-	-	-	1	-	1
<b>TOTAL</b>	-	-	-	<b>92</b>	-	-	-	<b>125</b>	-	-	<b>123</b>

**Source.** PDMAs

M,F,C denotes Male, Female & Children while P & F denote Partially & Fully

**Annex D**  
To NDMA SITREP No-022  
dated 23 July 2017

**RELIEF PROVIDED MONSOON – 2017**

Items	Khyber Pakhtunkhwa	Balochistan	Sindh	TOTAL
	PDMA / DDMA's	PDMA / DDMA's	PDMA / DDMA's	
Tents	155	400	300	855
Food Items (Bags)	-	100	-	100
Wheat (Bags)	600	-	-	600
Rice (Bags of 25 Kgs each)	-	220	-	220
Blankets / Quilts	570	-	-	570
Plastic Mats	150	100	-	250
Kitchen Sets	300	150	-	450
Mosquito Nets	300	1,100	-	1,400
Sleeping Bags	-	250	-	250
Water Tanks	-	150	-	150
Jerry Cans	300	1,000	-	1,300
Life Saving Jackets	-	50	50	100
Gas Cylinders	150	-	-	150
De-watering Pumps	-	-	79	79
Boats with OBMs	-	-	3	3