



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



MONSOON 2017 DAILY SITUATION REPORT NO – 027

(Period Covered: 1300 hrs 27 July 2017 – 1300 hrs 28 July 2017)

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels except; **River Indus** at Kalabagh, Chashma, Taunsa & Guddu, **River Jhelum** at Mangla and **River Chenab** at Marala which are at **Low Level**. **Light to Moderate flows are expected in the Hill Torrents of D.G. Khan Division.** Details at **Annex A**.

2. **Past Meteorological Situation and Future Forecast by PMD.** Significant rainfall reported in last 24 hours is; Lahore 61 mm, D.G. Khan 54 mm, Dhok Pathan 40 mm and Jhelum 39 mm. PMD forecast for next 24 hours scattered thunderstorms / rains with moderate falls at isolated places expected over **Sindh, Khyber Pakhtunkhwa and Upper Catchments of all major Rivers alongwith** Rawalpindi, Sargodha, Gujranwala, Lahore, D.G. Khan & Bahawalpur Divisions. Isolated thunderstorm / rain expected over Northeast Balochistan alongwith Faisalabad Division. 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	1,528.00	4.949	22	1.225
b.	Mangla	1,242.00	7.406	1,223.00	5.952	19	1.454

(* 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:-
- 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 & Kacha Houses.
- 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. 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.
- f. **Tourists be cautioned** to avoid travelling to areas vulnerable to landslides.
- g. Vulnerable communities along reaches of major rivers and their tributaries / Nullahs to be sensitized for requisite precautionary measures.
- h. Monitoring of vulnerable flood protection structures to ward off any **accidental breaches**.
- i. **Owing to possibility of rain in upper catchments of all major rivers, vulnerable communities along reaches of these rivers, their tributaries & Nullahs to be sensitized for requisite measures.**
- j. **PDMA Punjab & Sindh Only. Considering possibility of rains in Sindh & D.G Khan Division, vulnerable communities especially along hill torrents be sensitised for requisite precautionary measures.**
- K. **PDMA Punjab Only.** Please share segregated data of losses & damages from start of Monsoon Season 2017, as reflected at Annex C.

Annex ATo NDMA SITREP No-027
dated 28 July 2017**RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION**

Rivers						
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			
<u>River Indus</u>						
Tarbela	1,500	237.0	229.1	235 – 250	Below Low	650
Kalabagh	950	301.3	293.3	290 – 320	Low	650
Chashma	950	290.0	283.5	280 – 310	Low	650
Taunsa	1,100	269.0	246.7	260 – 275	Low	650
Guddu	1,200	226.4	194.8	225 – 250	Low	700
Sukkur	1,500	189.4	138.0	No Significant Change	Below Low	700
Kotri	875	85.7	47.3	-do-	-do-	650
<u>River Kabul</u>						
Nowshera	540	41.7	41.7	No Significant Change	Below Low	200
<u>River Jhelum</u>						
Mangla	1,060	37.0	10.0	40 – 80	Low	225
Rasul	850	2.7	0.0	No Significant Change	Below Low	225
<u>River Chenab</u>						
Marala	1,100	88.8	56.1	90 – 130	Low	400
Khanki	800	74.1	65.6	No Significant Change	Below Low	400
Qadirabad	807	68.4	46.4	-do-	-do-	400
Trimmu	645	38.0	25.2	-do-	-do-	450
Panjnad	700	45.6	31.3	-do-	-do-	450
<u>River Ravi</u>						
Jassar	275	3.6	3.6	No Significant Change	Below Low	150
Shahdara	250	18.7	18.7	-do-	-do-	135
Balloki	225	41.9	9.4	-do-	-do-	135
Sidhnai	150	18.5	3.3	-do-	-do-	90
<u>River Sutlej</u>						
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	1.3	1.3	-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.** Airport 2 mm.
- b. **Punjab.** Lahore 61 mm, D.G. Khan 54 mm, Dhok Pathan 40 mm, Jhelum 39 mm, Mangla 32 mm, Chakwal 8 mm, Kund 7 mm, Sargodha 5 mm, Gujrat 4 mm, Kohat 3 mm, Joharabad 2 mm, Faisalabad 1 mm, Sehrkakota 1 mm, Sialkot 1 mm and Palku 1 mm.
- c. **Khyber Pakhtunkhwa.** Cherat 31 mm, Malamjabba 2 mm and Kamra 2 mm.
- d. **Sindh.** Chhor 2 mm.
- e. **Balochistan.** Khuzdar 3 mm.
- f. **AJ&K.** Garhi Dupatta 12 mm, Kotli 4 mm, Domel 1 mm and Muzaffarabad 1 mm.

2. **Weather Forecast Next 24 Hours.** Scattered thunderstorms / rains with moderate falls at isolated places is expected over ***Sindh, Khyber Pakhtunkhwa and Upper Catchments of all major Rivers alongwith*** Rawalpindi, Sargodha, Gujranwala, Lahore, D.G. Khan & Bahawalpur Divisions. Isolated thunderstorm / rain is expected over Northeast Balochistan alongwith Faisalabad Division.

3. **Weather Outlook from 29 – 30 July 2017.** Scattered thunderstorms / rains with isolated heavy falls is expected over the Upper Catchments of all Major Rivers alongwith Khyber Pakhtunkhwa, Punjab and South & Southeast Sindh.

4. **Weather Last 24 Hours.** Rain-thunderstorm occurred at scattered places in Lahore Division while at isolated places in Rawalpindi, Gujranwala, Sargodha, Faisalabad, Peshawar, Kohat, Kalat, Hyderabad Divisions, Islamabad and Kashmir. Weather remained hot and humid in other parts of the Country.

Annex CTo NDMA SITREP No-027
dated 28 July 2017**PRELIMINARY DAMAGES / LOSSES MONSOON – 2017**

(FROM 26 JUNE TO 28 JULY 2017)

Provinces	Deaths				Injured				Houses Damaged		
	M	F	C	T	M	F	C	T	P	F	T
Punjab	-	-	-	30	-	-	-	77	-	22	34
Khyber Pakhtunkhwa	6	1	9	16	5	5	10	20	130	38	168
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
TOTAL	-	-	-	95	-	-	-	131	-	-	284

Source. PDMA's

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

Annex DTo NDMA SITREP No-027
dated 28 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	-	-	91	91
Boats with OBMs	-	-	3	3