



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



MONSOON 2017 DAILY SITUATION REPORT NO – 031

(Period Covered: 1300 hrs 31 July 2017 – 1300 hrs 01 August 2017)

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels except; **River Jhelum** at Mangla which is at **Medium Level**, **River Indus** at Kalabagh & Chashma & **River Chenab** at Marala, Khanki & Qadirabad which are at **Low to Medium Level** and **River Indus** at Tarbela, Taunsa, Guddu & Sukkur & **River Kabul** at Nowshera which are at **Low Level**. **Low to Medium level flows are expected in the Nullahs of River Ravi & Chenab.** Details at Annex A.

2. **Past Meteorological Situation and Future Forecast by PMD.** Significant rainfall reported in last 24 hours is; Mangla 53 mm, Mianwali 42 mm and Bannu 40 mm. PMD forecast for next 24 hours predicts scattered thunderstorm / rain with **heavy falls at isolated places and very heavy falls at one or two places over Lahore, Gujranwala, Faisalabad & Sahiwal Division alongwith Upper Catchments of River Ravi**. Scattered thunderstorm / rain over the **Upper Catchments of Rivers Jhelum, Chenab & Sutlej alongwith Rawalpindi & Sargodha Divisions**. Isolated thunderstorm / rain over **Multan, Bahawalpur & D.G. Khan Divisions, Khyber Pakhtunkhwa and Northeast Balochistan alongwith Upper Catchment of River Indus**. 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	1,532.00	5.164	18	1.01
b.	Mangla	1,242.00	7.406	1,225.80	6.158	16.20	1.248

(* 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).**

a. Shamsal road in District Hunza, Gilgit Baltistan was blocked at various locations due to downstream flow of Nullah on 31 July 2017. Work is in progress to restore the road by Local Administration.

b. All others 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. Monitoring of vulnerable flood protection structures to ward off any **accidental breaches**.
 - e. **Owing to possibility of rain in upper catchments of all major rivers, vulnerable communities along reaches of these rivers, their tributaries & Nullahs to be sensitised for requisite measures.**
 - f. **PDMA Punjab & Balochistan Only. Considering possibility of rains in Northeast Balochistan & D.G Khan Division, vulnerable communities especially along hill torrents be sensitised for requisite precautionary measures.**

RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION

<u>Rivers</u>						
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	333.0	315.1	330 – 350	Low	650
Kalabagh	950	374.3	366.3	330 – 380	Low – Medium	650
Chashma	950	332.5	326.1	330 – 380	Low – Medium	650
Taunsa	1,100	275.9	253.6	275 – 290	Low	650
Guddu	1,200	234.4	200.1	230 – 240	Low	700
Sukkur	1,500	199.2	144.1	200 – 210	Low	700
Kotri	875	120.6	82.9	120 – 140	Below Low	650
<u>River Kabul</u>						
Nowshera	540	51.4	51.4	45 – 60	Low	200
<u>River Jhelum</u>						
Mangla	1,060	37.0	10.0	50 – 130	Medium	225
Rasul	850	2.6	0.0	No Significant Change	Below Low	225
<u>River Chenab</u>						
Marala	1,100	122.8	92.8	130 – 200	Low – Medium	400
Khanki	800	167.0	158.5	130 – 170	Low – Medium	400
Qadirabad	807	156.4	134.4	130 – 170	Low – Medium	400
Trimmu	645	43.7	30.9	No Significant Change	Below Low	450
Panjnad	700	29.2	14.6	-do-	-do-	450
<u>River Ravi</u>						
Jassar	275	9.3	9.3	10 – 25	Below Low	150
Shahdara	250	27.4	27.4	No Significant Change	-do-	135
Balloki	225	43.1	10.3	-do-	-do-	135
Sidhnai	150	17.5	2.3	-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	16.0	2.8	-do-	-do-	175
Islam	300	0.9	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**. Saidpur 8 mm and Golra 3 mm.
- b. **Punjab**. Mangla 53 mm, Mianwali 42 mm, Sialkot 39 mm, Kamra 35 mm, Shakargarh 24 mm, Murree 22 mm, Gujrat 21 mm, Alexandra Bridge 14 mm, Gujranwala 14 mm, Palku 13 mm, Jhelum 12 mm, Kallar 9 mm, Jassar 8 mm, Sahiwal 8 mm, Okara 7 mm, Attock Khairabad 5 mm, Joharabad 3 mm, Chattar Kallas 2 mm, Kohat 2 mm, Mandibahauddin 2 mm and Faisalabad 1 mm.
- c. **Khyber Pakhtunkhwa**. Bannu 40 mm, Kakul 5 mm and Cherat 1 mm.
- d. **AJ&K**. Muzaffarabad 37 mm, Domel 22 mm, Palandri 8 mm, Kotli 6 mm and Hattian Bala 1 mm.

2. **Weather Forecast Next 24 Hours**. Scattered thunderstorm / rain with heavy falls at isolated places and very heavy falls at one or two places is expected over Lahore, Gujranwala, Faisalabad & Sahiwal Division alongwith Upper Catchments of River Ravi. Scattered thunderstorm / rain is expected over the Upper Catchments of Rivers Jhelum, Chenab & Sutlej alongwith Rawalpindi & Sargodha Divisions. Isolated thunderstorm / rain is expected over Multan, Bahawalpur & D.G. Khan Divisions, Khyber Pakhtunkhwa and Northeast Balochistan alongwith Upper Catchment of River Indus.

3. **Weather Outlook from 2 – 3 August 2017**. Wet Spell is likely to decrease.

4. **Weather Last 24 Hours**. Rain-thunderstorm occurred at scattered places in Peshawar, Hazara, Sahiwal Divisions, Upper Punjab and Kashmir. Weather remained hot and humid in other parts of the Country.

Annex C
To NDMA SITREP No-031
dated 1 August 2017

PRELIMINARY DAMAGES / LOSSES MONSOON – 2017

(FROM 26 JUNE TO 31 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	131	38	169
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	2	7	7	16	3	8	5	16	3	3	6
Gilgit-Baltistan	-	-	-	-	-	-	-	-	6	-	6
ICT	1	1	1	3	-	-	-	-	1	-	1
TOTAL	-	-	-	98	-	-	-	131	-	-	286

Source. PDMA's

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

Annex D
To NDMA SITREP No-031
dated 1 August 2017

RELIEF PROVIDED MONSOON – 2017

Items	KP	Balochistan	Sindh	GB	TOTAL
	PDMA / DDMA's	PDMA / DDMA's	PDMA / DDMA's	GBDMA / DDMA's	
Tents	155	400	300	10	865
Food Items (Bags)	-	100	-	30	130
Wheat (Bags)	600	-	-	-	600
Rice (Bags of 25 Kgs each)	-	220	-	-	220
Blankets / Quilts	570	-	-	20	590
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