



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



MONSOON 2017 DAILY SITUATION REPORT NO – 030

(Period Covered: 1300 hrs 30 July 2017 – 1300 hrs 31 July 2017)

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels except; **River Chenab** at Marala which is at **Low to Medium Level** and **River Indus** at Tarbela, Kalabagh, Chashma, Taunsa, Guddu & Sukkur, **River Kabul** at Nowshera, **River Jhelum** at Mangla & **River Chenab** at Khanki & Qadirabad which are at **Low Level**. **Medium to High level flows are expected in the Nullahs of River Ravi & Chenab. 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; Rasheedabad 73 mm, Risalpur 64 mm, Sialkot 46 mm and Islamabad 46 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 Upper Catchments of Rivers Jhelum, Chenab, Ravi & Sutlej alongwith Rawalpindi, Sargodha, Gujranwala, Faisalabad & Lahore Divisions. Scattered thunderstorm / rain over the Upper Catchments of River Indus & Khyber Pakhtunkhwa alongwith D.G. Khan & Bahawalpur Divisions.** Isolated thunderstorm / rain over Northeast Balochistan. 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	1,531.00	5.109	19	1.065
b.	Mangla	1,242.00	7.406	1,225.05	6.103	16.95	1.303

(* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours**

- a. On 30 July 2017, increased water flows in the Nullah of Village Shogo Gorum, Tehsil Mashabrum, District Ghanche, Gilgit Baltistan caused a breach in a protective bund and diverted water towards human settlement. Resultantly, 1 x house was damaged and some crops and trees were affected. 10 x Families were evacuated. GBDMA has provided relief to the affectees.
- b. On 30 July 2017, due to heavy rains in Malaguri (Tatara), Tehsil Jamrud, Khyber Agency, FATA, 1x Male, 1x Female and 1x Child died due to a roof collapse.

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**.
 - a. 3 x Deaths and 1 x House Partially Damaged reported in last 24 hours.
 - b. Overall details of losses / damages during Monsoon Season 2017 are at **Annex C**.
8. **Relief Provided**
 - a. 10 x Tents, 20 x Blankets and 30 x Food Packs provided by GBDMA to the affectees.
 - b. 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 & 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 sensitised 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 sensitised for requisite measures.**
 - j. **PDMA Punjab, Sindh & Balochistan Only. Considering possibility of rains in Sindh, Northeast Balochistan & 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-030
dated 31 July 2017**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	320.0	280.6	320 – 360	Low	650
Kalabagh	950	303.7	295.7	305 – 340	Low	650
Chashma	950	306.9	300.4	305 – 345	Low	650
Taunsa	1,100	275.8	253.5	275 – 305	Low	650
Guddu	1,200	241.7	211.4	240 – 250	Low	700
Sukkur	1,500	197.9	144.1	195 – 205	Low	700
Kotri	875	101.2	65.5	105 – 115	Below Low	650
<u>River Kabul</u>						
Nowshera	540	49.4	49.4	45 – 60	Low	200
<u>River Jhelum</u>						
Mangla	1,060	36.0	10.0	40 – 80	Low (Sharp Medium Flood Peak)	225
Rasul	850	8.3	5.3	No Significant Change	Below Low	225
<u>River Chenab</u>						
Marala	1,100	125.5	92.8	140 – 200	Low – Medium	400
Khanki	800	84.6	76.1	90 – 150	Low	400
Qadirabad	807	73.4	51.4	90 – 150	Low	400
Trimmu	645	36.1	23.3	No Significant Change	Below Low	450
Panjnad	700	32.5	18.0	-do-	-do-	450
<u>River Ravi</u>						
Jassar	275	16.3	16.3	15 – 30	Below Low	150
Shahdara	250	19.9	19.9	20 – 35	-do-	135
Balloki	225	42.1	9.4	No Significant Change	-do-	135
Sidhnai	150	17.4	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	0.8	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**. Shamsabad 46 mm, Zeropoint 45 mm, Airport 42 mm, Golra 14 mm, Bokra 8 mm and Saidpur 5 mm.
- b. **Punjab**. Sialkot 46 mm, Gujrat 38 mm, Palku 29 mm, Lahore 18 mm, Mangla 12 mm, Sargodha 11 mm, Kamra 10 mm, Attock Khairabad 9 mm, Alexandra Bridge 4 mm, Faisalabad 1 mm, Mandibahauddin 1 mm and Murree 1 mm.
- c. **Khyber Pakhtunkhwa**. Risalpur 64 mm, Nowshera 35 mm, Cherat 25 mm, Peshawar 15 mm, Warsak 5 mm, Phulra 5 mm and Kakul 4 mm.
- d. **Sindh**. Rasheedabad 73 mm.
- e. **AJ&K**. Muzaffarabad 2 mm, Domel 2 mm, Hattian Bala 2 mm and Kotli 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 expected over **Upper Catchments of Rivers Jhelum, Chenab, Ravi & Sutlej** alongwith Rawalpindi, Sargodha, Gujranwala, Faisalabad & Lahore Divisions. Scattered thunderstorm / rain expected over **Upper Catchments of River Indus & Khyber Pakhtunkhwa** alongwith D.G. Khan & Bahawalpur Divisions. Isolated thunderstorm / rain expected over Northeast Balochistan.

3. **Weather Outlook from 1 – 2 August 2017**. Scattered thunderstorm / rain with isolated heavy falls and very heavy falls at one or two places expected over the **Upper Catchments of Rivers Jhelum, Chenab, Ravi & Sutlej** alongwith Rawalpindi, Sargodha, Gujranwala, Faisalabad, Lahore & Sahiwal Divisions. Moderate rainfall is expected over the **Upper Catchment of River Indus** alongwith Khyber Pakhtunkhwa, D.G. Khan Division & Northeast Balochistan. **Medium to High level flows are expected in Nullahs of River Chenab and Ravi.**

4. **Weather Last 24 Hours**. Rains / thunderstorms occurred at scattered places in Upper Punjab, Upper Khyber Pakhtunkhwa, Islamabad, FATA, Mirpurkhas Division and Kashmir, while at isolated places in Quetta, Kalat Divisions and Gilgit-Baltistan. Weather remained hot and humid in other parts of the Country.

Annex CTo NDMA SITREP No-030
dated 31 July 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 DTo NDMA SITREP No-030
dated 31 July 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