



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



MONSOON 2017 DAILY SITUATION REPORT NO – 033

(Period Covered: 1300 hrs 02 August 2017 – 1300 hrs 03 August 2017)

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels except; **River Indus** at Kalabagh & Chashma and **River Chenab** at Khanki are at **Medium Flood Level**, **River Indus** at Tarbela, Taunsa & Guddu & **River Chenab** at Marala & Qadirabad and **River Kabul** at Nowshera are at **Low Flood Level**. **Nullahs of Rivers Ravi & Chenab are likely to remain in High to Medium Flood Level.** Details at Annex A.

2. **Past Meteorological Situation and Future Forecast by PMD.** Significant rainfall reported in last 24 hours is; Sialkot 51 mm, Islamabad 45 mm and Malamjabba 42 mm. PMD forecast for next 24 hours predicts scattered thunderstorm / rain with **moderate falls at isolated places over Rawalpindi, Sargodha, Gujranwala, Malakand & Hazara Divisions alongwith Upper Catchments of River Sutlej, Ravi & Chenab.** Isolated thunderstorm / rain over **Upper Catchment of River Jhelum & Indus alongwith Peshawar, Kohat, Lahore & D.G. Khan Divisions.** 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	1,534.00	5.273	16	0.901
b.	Mangla	1,242.00	7.406	1,227.90	6.313	14.1	1.093

(* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours (All incidents reported on 2 August 2017)**

a. **Khyber Pakhtunkhwa**

- (1) GLOF incident was reported in UC Safaid Arkari, District Chitral. Forest, agricultural land and only jeepable road from Chitral to Arkari was washed away. 120 Families were shifted to safe locations by local administration, no human loss was reported.
- (2) A heavy boulder fell due to torrential rain on a kacha house in village Lilownai, Tehsil Alpori, district Shangla killing 1 x Child.
- (3) A boulder fell over a house due to rain in Laspur, District Chitral. 2 x Persons were injured.
- (4) A roof collapsed during rain was reported in Gora Bakkakhel, District Bannu. 1 x Woman died.

(5) 1 x Death and 4 x Injured more were reported in Shabqadar flash flood incident of 2 August 2017.

b. **Gilgit-Baltistan**. 1 x Child and 2 x Injured were reported in Gonar Farm Nullah flash flood incident, District Diamer.

5. **Road Situation (NHA and Respective Provinces)**.

a. On 2 August 2017, **KKH** was blocked at two locations (Jalipur & Dardang). The road was cleared by 2130 hours.

b. **Chilas – Naran Kaghan Road at Babusar Top** was blocked at different locations due to flash flood and landslides. 30 x Tourist Vehicles were stuck at Babusar Top, commuters were shifted to safe locations by local administration. Road is likely to be cleared by today.

c. **Hunza – Shamsal Road** was blocked at 14 locations due to flash floods and landslides. Efforts are in hand to timely clear the road.

d. **Mastuj – Shandur Road** at Shahidas & Kuchgol and **Yarkhoon Road** at Mathing Nullah in District Chitral were blocked due to flash floods. Efforts are in hand to open both the roads.

e. 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**

a. **4 x Deaths, 8 x Injured and 1 x House partially damaged** was reported during last 24 hours.

b. 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, Islamabad, Rawalpindi and Lahore by relevant stakeholders. Critical monitoring of main sewerage channels 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, kacha houses** during periods of intense rain, remain away from electric wires / poles and avoid venturing in flooded water channels.

d. Monitoring of vulnerable flood protection structures to ward off any **Accidental Breaches**.

- e. There is a ***possibility of landslides in Khyber Pakhtunkhwa, AJ&K, & Gilgit Baltistan*** areas, vulnerable population should remain alert for preventive measures.
- f. ***Tourists be cautioned*** to avoid travelling to areas vulnerable to flash floods / landslides.
- g. ***In the wake of GLOF Alert by PMD, vulnerable communities in District Chitral and GB to be sensitized to remain alert and take requisite precautionary measures.***
- h. ***Owing to possibility of rain in upper catchments of all major rivers, vulnerable communities along reaches of these rivers (especially River Ravi and Chenab), their tributaries & Nullahs to be sensitised for requisite measures.***
- i. **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	339.0	331.2	320 – 340	Low	650
Kalabagh	950	427.5	419.5	400 – 440	Medium	650
Chashma	950	428.2	421.7	410 – 450	Medium	650
Taunsa	1,100	312.3	290.0	320 R 390	Low – Medium	650
Guddu	1,200	236.2	201.8	230 – 240	Low	700
Sukkur	1,500	191.9	136.4	No Significant Change	Below Low	700
Kotri	875	122.4	82.9	-do-	-do-	650
<u>River Kabul</u>						
Nowshera	540	59.9	59.9	50 – 60	Below Low	200
<u>River Jhelum</u>						
Mangla	1,060	54.0	10.0	45 – 65	Below Low	225
Rasul	850	10.7	8.0	No Significant Change	-do-	225
<u>River Chenab</u>						
Marala	1,100	144.9	124.8	140 F 90	Low	400
Khanki	800	178.5	170.0	175 F 100	Medium – Low	400
Qadirabad	807	164.2	142.2	180 F 130	Medium – Low	400
Trimmu	645	74.0	62.0	75 – 100	Below Low	450
Panjnad	700	26.3	11.2	No Significant Change	-do-	450
<u>River Ravi</u>						
Jassar	275	27.5	27.5	10 – 25	Below Low	150
Shahdara	250	35.0	35.0	35 – 40	-do-	135
Balloki	225	52.2	19.4	55 – 70	Low to Medium	135
Sidhnai	150	17.8	2.3	No Significant Change	Below Low	90
<u>River Sutlej</u>						
G.S. Wala	--	6.0 (Gauge in Feet)		No Significant Change	Below Low	25.3 Feet
Sulemanki	325	16.3	3.0	-do-	-do-	175
Islam	300	1.0	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**. Bokra 45 mm, Golra 25 mm, Airport 10 mm, Shamsabad 9 mm, Zeropoint 7 mm and Saidpur 4 mm.
- b. **Punjab**. Sialkot 51 mm, Kund 37 mm, Marala 34 mm, Alexandra Bridge 30 mm, Kallar 28 mm, Mangla 25 mm, Palku 23 mm, Gujrat 21 mm, Murree 18 mm, Mandibahauddin 15 mm, Kohat 10 mm, Attock Khairabad 10 mm, Chattar Kallas 9 mm, Jhelum 6 mm, Talhatta 4 mm, Dhok Pathan 4 mm, Shakargarh 2 mm, Sehrkakota 1 mm and Gujranwala 1 mm.
- c. **Khyber Pakhtunkhwa**. Malamjabba 42 mm, Risalpur 41 mm, Kamra 32 mm, Shinkhari 17 mm, Phulra 23 mm, Oghi 13 mm, Nowshera 12 mm, Rasheedabad 8 mm, Tarbela 8 mm, Dir 5 mm, Warsak 5 mm, Cherat 3 mm, Balakot 2 mm, Kakul 2 mm and Besham 1 mm.
- d. **AJ&K**. Palandri 18 mm, Muzaffarabad 16 mm, Rawalakot 15 mm, Kotli 13 mm, Domel 10 mm, , Garhi Dupatta 7 mm and Hattian Bala 1 mm.
- e. **Gilgit Baltistan**. Astore 11 mm, Skardu 6 mm and Chilas 3 mm,

2. **Weather Forecast Next 24 Hours**. Scattered thunderstorm / rain with moderate falls at isolated places is expected over Rawalpindi, Sargodha, Gujranwala, Malakand & Hazara Divisions alongwith Upper Catchments of Rivers Sutlej, Ravi & Chenab. Isolated thunderstorm / rain is expected over Upper Catchment of River Jhelum & Indus alongwith Peshawar, Kohat, Lahore & D.G. Khan Divisions.

3. **Weather Last 24 Hours**. Rain-thunderstorm occurred at scattered places in Upper Punjab, Islamabad, Upper Khyber Pakhtunkhwa, Kashmir and Gilgit-Baltistan. Weather remained hot and humid in other parts of the Country.

Annex C
To NDMA SITREP No-033
dated 3 August 2017

PRELIMINARY DAMAGES / LOSSES MONSOON – 2017

(FROM 26 JUNE TO 3 August 2017)

Provinces	Deaths				Injured				Houses Damaged		
	M	F	C	T	M	F	C	T	P	F	T
Punjab	-	-	-	31	-	-	-	83	-	22	34
Khyber Pakhtunkhwa	10	2	10	22	11	8	10	29	132	38	170
Sindh	3	-	3	6	4	6	7	17	5	-	5
Balochistan	13	4	9	26	-	-	-	-	36	-	36
AJ&K	4	-	-	4	-	1	-	1	17	12	29
FATA	2	7	7	16	3	8	5	16	3	3	6
Gilgit-Baltistan	-	-	1	1	1	1	-	2	6	-	6
ICT	1	1	1	3	-	-	-	-	1	-	1
TOTAL	-	-	-	109	-	-	-	148	-	-	287

Source. PDMA's

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

Annex D
To NDMA SITREP No-033
dated 3 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