



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



MONSOON 2017 DAILY SITUATION REPORT NO – 019

(Period Covered: 1300 Hrs 19 July 2017 – 1300 Hrs 20 July 2017)

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels except; River Indus at Kalabagh & Chashma, River Kabul at Nowshera, River Chenab at Marala, Khanki & Qadirabad and River Ravi at Balloki 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; Karachi 56 mm. PMD forecast for next 24 hours predicts scattered thunderstorms / rain with isolated moderate falls over **Upper Catchments of Rivers Jhelum, Chenab, Ravi & Sutlej** alongwith Rawalpindi, Gujranwala, Lahore & D.G Khan Divisions. Isolated thunderstorm / rain is expected over Sindh, Eastern Balochistan, Sargodha & Bahawalpur Divisions alongwith **Upper Catchments 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	1,520.00	4.529	30	1.645
b.	Mangla	1,242.00	7.406	1,217.60	5.564	24.4	1.842

(* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours**

- a. A wall collapsed at Tehsil Usta Muhammad, District Jaffarabad, Balochistan on 19 July 2017. 2 x Children died.
- b. A Child drowned in flash flood water in Tehsil Lakhra, District Lasbela on 19 July 2017.

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

- a. Gilgit – Skardu Road (S-1) blocked at Maloopa due to landslide on 20 July 2017 at 0600 hrs. Clearance work is underway to restore the road.
- b. All other 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 Children died & 3 x Kacha Houses partially damaged in Balochistan.**
- 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 current weather forecast by PMD, relevant stakeholders are advised to remain on Alert and ensure following necessary actions:-
- 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. ***Efforts must be made for timely clearance of Gilgit – Skardu (S-1) Road.***
 - f. Tourists be cautioned to avoid travelling to areas vulnerable to landslides especially along Gilgit – Skardu Road.
 - g. NIH / NHEPRN to advise all provincial Health departments about pre-positioning of necessary staff and medicines, where required.
 - h. 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.
 - i. Vulnerable communities along reaches of major rivers and their tributaries / Nullahs to be sensitized for requisite precautionary measures.
 - j. **PDMA Punjab Only.** Please ensure following:-
 - (1) Considering possibility of ***moderate rainfall with isolated heavy falls over Upper Catchments of Rivers Jhelum, Chenab, Ravi & Sutlej*** as predicted by FFD, vulnerable communities along Nullahs of both rivers be sensitised for requisite measures. In case of any flooding situation in such Nullahs, immediate information be shared with all stakeholders especially NEOC.
 - (2) ***Share segregated data of losses & damages from start of Monsoon Season 2017 as reflected at Annex C.***
 - k. **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. Relevant stakeholders also be sensitised to critically monitor the situation.***

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	248.0	164.9	220 – 245	Below Low	650
Kalabagh	950	265.8	258.0	230 – 265	Low	650
Chashma	950	286.5	280.0	240 – 270	Low	650
Taunsa	1,100	207.9	186.7	210 – 245	Below Low	650
Guddu	1,200	190.4	173.1	No Significant Change	-do-	700
Sukkur	1,500	146.9	102.0	-do-	-do-	700
Kotri	875	65.1	50.6	-do-	-do-	650
<u>River Kabul</u>						
Nowshera	540	52.2	52.2	45 – 55	Low	200
<u>River Jhelum</u>						
Mangla	1,060	34.0	10.0	35 – 70	Below Low	225
Rasul	850	8.9	5.3	No Significant Change	-do-	225
<u>River Chenab</u>						
Marala	1,100	108.6	79.0	80 – 105	Low	400
Khanki	800	138.2	129.7	80 – 130	Low	400
Qadirabad	807	130.6	108.6	80 – 130	Low	400
Trimmu	645	67.5	55.0	65 – 75	Below Low	450
Panjnad	700	42.2	31.2	No Significant Change	-do-	450
<u>River Ravi</u>						
Jassar	275	15.8	15.8	No Significant Change	Below Low	150
Shahdara	250	36.7	36.7	30 – 40	-do-	135
Balloki	225	44.4	12.7	45 – 65	Low	135
Sidhnai	150	23.8	11.4	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	16.4	3.2	-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. **Khyber Pakhtunkhwa**. Talhatta 8mm, Kakul 7mm, Malamjabba 6mm, Saidu Sharif 3mm, Shinkiyari 2mm, Dir 1mm & Pattan 1mm.
- b. **Punjab**. Trace.
- c. **Sindh**. Karachi- 56mm, Thatta- 23mm, Moenjodaro- 9mm, Islamkot- 7mm, Nawabshah- 7mm, Padidan- 5mm, Nagarparkar- 4mm, Sukrand- 4mm, Mithi- 3mm, Rohri- 3mm, and Kaloi- 1mm.
- d. **AJ&K**. Garhi Dupatta- 5mm and Chattar Kallas- 2mm.
- e. **Gilgit Baltistan**. Trace.
- f. **FATA**. Parachinar- 25mm.

2. **Weather Forecast Next 24 Hours**. Scattered thunderstorms / rain with isolated moderate falls over ***Upper Catchments of Rivers Jhelum, Chenab, Ravi & Sutlej*** alongwith Rawalpindi, Gujranwala, Lahore & D.G Khan Divisions. Isolated thunderstorm / rain is expected over Sindh, Eastern Balochistan, Sargodha & Bahawalpur Divisions alongwith ***Upper Catchments of River Indus***.

3. **Weather Outlook from 20 – 21 July 2017**. ***Scattered thunderstorm / rain is expected over South Sindh on 22 July 2017. Moderate rainfall with isolated heavy falls is likely over Upper Catchments of Rivers Jhelum, Chenab, Ravi & Sutlej alongwith Punjab*** during the period.

4. **Weather Last 24 Hours**. Rain-thunderstorm occurred at scattered places in Sindh while at isolated places in Malakand, Hazara, Bahawalpur Divisions, FATA and Gilgit-Baltistan. Weather remained hot and humid elsewhere in the Country.

Annex C
To NDMA SITREP No-019
dated 20 July 2017

PRELIMINARY DAMAGES / LOSSES MONSOON – 2017

(FROM 26 JUNE TO 20 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	-	4	4	8	1	7	2	10	-	3	3
Gilgit-Baltistan	-	-	-	-	-	-	-	-	5	-	5
ICT	1	1	1	3	-	-	-	-	1	-	1
TOTAL	-	-	-	87	-	-	-	119	-	-	120

Source. PDMA's

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

Annex D
To NDMA SITREP No-019
dated 20 July 2017

RELIEF PROVIDED MONSOON – 2017

Items	Khyber Pakhtunkhwa	Balochistan	TOTAL
	PDMA / DDMA's	PDMA / DDMA's	
Tents	155	400	555
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
Gas Cylinders	150	-	150