



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



MONSOON 2017 DAILY SITUATION REPORT NO – 018

(Period Covered: 1300 Hrs 18 July 2017 – 1300 Hrs 19 July 2017)

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels except; River Indus (Tarbela, Kalabagh, Chashma), River Kabul (Nowshera) & River Chenab (Marala) at Low Level, River Chenab at Khanki & Qadirabad at Med to Low level. **Low to Medium flooding is expected in Nullahs of Rivers Chenab & Ravi.** Details at Annex

A.

2. **Past Meteorological Situation and Future Forecast by PMD.** Significant rainfall reported in last 24 hours is; Sialkot 80mm, Palandri 71mm, and Jassar 50mm. PMD Forecast for next

24 hours predicts scattered rains / thunderstorms with isolated heavy falls over Eastern Balochistan, Sindh alongwith D.G.Khan Division and isolated rains / thunderstorms with one or two heavy falls in Punjab alongwith **Upper Catchments of all Major Rivers.** 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	1,517.37	4.396	32.63	1.778
b.	Mangla	1,242.00	7.406	1,216.90	5.515	25.10	1.891

(* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours.** River Chenab at Marala, Khanki and Qadirabad was recorded at **Medium Flood Level.**

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 current weather forecast by PMD, Significant Flood Warning No 2 by FFD, relevant stakeholders are advised to remain on **High Alert** from **19 – 20 July 2017** 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.
- f. NIH / NHEPRN to advise all provincial Health departments about pre-positioning of necessary staff and medicines, where required.
- g. 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.
- h. Tourists be cautioned to avoid travelling to areas vulnerable to landslides, GLOF etc.
- 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 **Low to Medium Flooding in Nullahs of River Chenab & Ravi** 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.**
- l. Considering **forecast of moderate rainfall with isolated heavy falls over Upper Catchment areas of all major rivers**, following be ensured by stakeholders as mentioned against each:-

- (1) **PCIW Only**. Trans-frontier significant increase in water of major rivers be timely provided to all stakeholders especially NEOC on emergency telephone numbers (051-9205037 & UAN 111-157-157).
- (2) **WAPDA Only**. Critical monitoring of rainfall over upper catchment areas of major rivers and any significant increase in water level in major water reservoirs in close coordination with relevant stakeholders as per SOPs.
- (3) **PDMA Punjab & Khyber Pakhtunkhwa Only**
 - (a) Complete situation to be critically monitored.
 - (b) Vulnerable communities be sensitised for requisite and timely precautionary measures.
 - (c) All relevant stakeholders especially NEOC be timely updated.

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	296.0	180.0	280 – 310	Low	650
Kalabagh	950	279.6	271.8	250 – 280	-do-	650
Chashma	950	269.9	262.3	250 – 280	-do-	650
Taunsa	1,100	208.6	188.1	No Significant Change	Below Low	650
Guddu	1,200	184.7	166.6	-do-	-do-	700
Sukkur	1,500	137.4	88.9	-do-	-do-	700
Kotri	875	64.8	40.8	-do-	-do-	650
<u>River Kabul</u>						
Nowshera	540	55.9	55.9	50 – 60	Low	200
<u>River Jhelum</u>						
Mangla	1,060	43.0	10.0	40 – 70	Below Low	225
Rasul	850	8.8	5.3	No Significant Change	-do-	225
<u>River Chenab</u>						
Marala	1,100	139.7	111.2	100 – 140	Low	400
Khanki	800	178.3	170.0	190 F 120	Med – Low	400
Qadirabad	807	141.2	119.2	185 F 120	Med – Low	400
Trimmu	645	58.5	46.4	60 – 70	Below Low	450
Panjnad	700	29.9	14.4	No Significant Change	-do-	450
<u>River Ravi</u>						
Jassar	275	23.0	23.0	20 – 30	Below Low	150
Shahdara	250	29.3	29.3	30 – 40	-do-	135
Balloki	225	42.9	11.2	No Significant Change	-do-	135
Sidhnai	150	24.1	11.4	-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	16.4	3.2	-do-	-do-	175
Islam	300	1.8	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**. Trace.
- b. **Balochistan**. Sibbi- 5mm.
- c. **Khyber Pakhtunkhwa**. Balakot- 35mm, Domel- 13mm, Phulra- 3mm, Shinkiari- 3mm, Gharhiala- 3mm, Oghi- 1mm and Kakul- 1mm.
- d. **Punjab**. Sialkot- 80mm, Jassar- 50mm, Khanpur- 46mm, Lahore- 45mm, Kund- 44mm, Sahiwal- 40mm, Toka Tek Singh- 37mm, Rajanpur- 29mm, Jhelum- 26mm, Mangla- 25mm, D.G. Khan- 23mm, Multan- 19mm, Marala- 17mm, Bahawalpur- 16mm, Shorkot- 13mm, Kot Addu- 12mm, Bhakkar- 8mm, Rahim Yar Khan- 8mm, Mianwali- 5mm, Mandibahauddin- 4mm, Gujrat- 4mm, Sargodha- 3mm, Jhang- 2mm, G.S. Wala- 2mm, Shakargarh- 1mm, Joharabad- 1mm, Murree- 1mm and Gujranwala- 1mm.
- e. **Sindh**. Larkana- 17mm, Thatta- 16mm, Badin- 12mm, Mithi- 11mm, Sukkur- 10mm, Karachi- 9mm, Nawabshah- 7mm, Moenjodaro- 7mm, Chhor- 5mm, Jacobabad- 3mm, Padidan- 3mm, Rohri- 2mm, Mirpurkhas- 1mm, Tando Jam- 1mm and Dadu- 1mm.
- f. **AJ&K**. Palandri- 71mm, Kotli- 6mm, Muzaffarabad- 4mm, Rawalakot- 4mm, Garhi Dupatta- 1mm and Chattar Kallas- 1mm.
- g. **Gilgit Baltistan**. Astore- 3mm and Bagrote- 1mm.
- h. **FATA**. Nil.

2. **Weather Forecast Next 24 Hours**. Scattered rains / thunderstorms with isolated heavy falls is expected over Sindh, Eastern Balochistan alongwith D.G.Khan Division. Furthermore, isolated rains / thunderstorms with one or two heavy falls is expected over Rawalpindi, Gujranwala, Lahore, Sargodha & Bahawalpur Divisions alongwith ***Upper Catchments of all Major Rivers***.

3. **Weather Outlook from 20 – 21 July 2017**. ***Moderate rainfall with isolated heavy falls is likely to continue over Upper Catchments of all Major Rivers along with Khyber Pakhtunkhwa and Punjab.***

4. **Weather Last 24 Hours**. Scattered thunderstorms / rains with isolated heavy falls is expected over Sindh, Eastern Balochistan, Malakand, Hazara, Peshawar, Kohat, Rawalpindi, Gujranwala, Lahore, Sargodha & D.G.Khan Divisions alongwith Upper Catchments of all Major Rivers.

Annex C
To NDMA SITREP No-018
dated 19 July 2017

PRELIMINARY DAMAGES / LOSSES MONSOON – 2017

(FROM 26 JUNE TO 19 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	6	23	-	-	-	-	33	-	33
AJ&K	1	-	-	1	-	1	-	1	17	12	29
FATA	-	2	4	6	1	6	1	8	-	2	2
Gilgit-Baltistan	-	-	-	-	-	-	-	-	5	-	5
ICT	1	1	1	3	-	-	-	-	1	-	1
TOTAL	-	-	-	82	-	-	-	117	-	-	116

Source. PDMA's

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

Annex D
To NDMA SITREP No-018
dated 19 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