



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



**MONSOON 2017 DAILY SITUATION REPORT NO – 017**

**(Period Covered: 1300 Hrs 17 July 2017 – 1300 Hrs 18 July 2017)**

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

2. **Past Meteorological Situation and Future Forecast by PMD.** Significant rainfall reported in last 24 hours is; Risalpur 81 mm, Mangla 71 mm, Badin 63 mm, Kallar 48 mm and Mirpur Khas 45 mm. Forecast for next 24 hours predicts scattered thunderstorm / rain with isolated heavy fall over Sindh, Eastern Balochistan, Malakand, Hazara, Peshawar, Kohat, Rawalpindi, Gujranwala, Lahore, Sargodha & D.G Khan Divisions alongwith **upper catchments of all the 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	1,514.37	4.245	<b>35.63</b>	<b>1.925</b>
b.	Mangla	1,242.00	7.406	1,215.95	5.449	<b>26.05</b>	<b>1.957</b>

(\* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours**

- a. Flash flooding was reported in villages Hodo & Pohli, District Dera Bugti, Balochistan on 17 July 2017. No loss of life reported, however, partial damage to 13 x Houses was reported and Cotton crops was affected in the area.
- b. Due to heavy / torrential rains in District Hungu, Khyber Pakhtunkhwa on 16 July 2017, 1 x Person drowned in flood stream. Dead body was recovered on 17 July 2017.

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. **1 x Death and 13 x Houses partially damaged** were reported in 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 are at **Annex D.**
9. **Any Critical Activity to Report.** Nothing to Report.
10. **NDMA Recommendations.** Considering Weather Advisory No 2 issued by PMD on 13 July 2017 and current weather outlook, all concerned departments are advised to remain on **High Alert** from **18 – 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 of major cities like Lai Nullah be ensured by relevant stakeholders.
  - 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. Sensitize 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 AJK, KP & GB areas, vulnerable population should be sensitized to remain alert and necessary preventive measures be taken.
  - h. Tourist 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 Ravi & Chenab** as predicted by FFD, vulnerable communities along Nullahs of both rivers be sensitized 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 rain in Sindh, Eastern Balochistan & D.G Khan Division, vulnerable communities especially along hill torrents be sensitized for requisite precautionary measures. Relevant stakeholders be sensitized to critically monitor the situation.**

I. 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**. Transfrontier significant increase in water of major rivers be timely provided to all stakeholders especially NEOC on emergency telephone numbers (0092-9205037 & 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.
- (3) **PDMA Punjab & KP Only**
  - (a) Complete situation to be critically monitored.
  - (b) Vulnerable communities be sensitized for requisite and timely precautionary measures.
  - (c) All relevant stakeholders especially NEOC be timely updated.

**RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION**

<b>Rivers</b>						
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			
<b><u>River Indus</u></b>						
Tarbela	1,500	284.0	215.6	280 – 300	Low	650
Kalabagh	950	226.7	218.9	230 – 290	-do-	650
Chashma	950	231.5	225.0	230 – 290	-do-	650
Taunsa	1,100	216.3	194.8	No Significant Change	Below Low	650
Guddu	1,200	188.7	152.5	-do-	-do-	700
Sukkur	1,500	140.2	87.0	-do-	-do-	700
Kotri	875	62.6	32.8	-do-	-do-	650
<b><u>River Kabul</u></b>						
Nowshera	540	56.1	56.1	50 – 60	Low	200
<b><u>River Jhelum</u></b>						
Mangla	1,060	42.0	10.0	70 – 100	Low (Sharp Medium Flood Peak)	225
Rasul	850	8.8	5.3	No Significant Change	Below Low	225
<b><u>River Chenab</u></b>						
Marala	1,100	116.9	83.6	100 – 180	Low – Medium	400
Khanki	800	115.0	106.5	100 – 150	Low	400
Qadirabad	807	105.7	83.7	100 – 140	-do-	400
Trimmu	645	40.9	26.5	No Significant Change	Below Low	450
Panjnad	700	15.5	0.0	-do-	-do-	450
<b><u>River Ravi</u></b>						
Jassar	275	8.5	8.5	2 – 8	Below Low	150
Shahdara	250	26.1	26.1	No Significant Change	-do-	135
Balloki	225	43.0	10.9	-do-	-do-	135
Sidhnai	150	20.4	5.9	-do-	-do-	90
<b><u>River Sutlej</u></b>						
G.S.Wala	--	7.0 (Gauge in Feet)		No Significant Change	Below Low	25.3 Feet
Sulemanki	325	17.4	4.2	-do-	-do-	175
Islam	300	2.0	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**. Golra – 16 mm, Bokra – 5 mm, Saidpur – 5 mm, Zero Point – 3 mm, Shamsabad – 2 mm and Airport – 2 mm.
- b. **Balochistan**. Lasbela – 12 mm, Barkhan – 11 mm and Khuzdar – 1mm.
- c. **Khyber Pakhtunkhwa**. Risalpur – 81 mm, Tarbela – 27 mm, Besham – 22 mm, Malamjabba – 13 mm, Phulra – 12 mm, Attock Khairabad – 11 mm, Peshawar – 11 mm, Kakul – 10 mm, Nowshera – 10 mm, Oghi – 8 mm, Talhatta – 6 mm, Domel – 6 mm, Balakot – 5 mm, Shinkiari – 4 mm, Bannu – 1 mm, Kalam – 1 mm, Saidu Sharif – 1mm, and Daggar – 1mm.
- d. **Punjab**. Mangla – 71 mm, Lahore – 36 mm, Jhelum – 31 mm, Marala – 30 mm, Mandibahauddin – 24 mm, Kamra – 21 mm, Kasur – 21 mm, Sehrkakarta – 19 mm, Chakwal – 18 mm, D.G. Khan – 18 mm, Gujrat – 16 mm, Dhoke Pathan – 16 mm, Alexandra Bridge – 9 mm, Kund – 7 mm, Murree – 6 mm, Layyah – 2 mm, Palote – 1 mm, Sahiwal – 1 mm and Okara – 1mm.
- e. **Sindh**. Badin – 63 mm, Mirpurkhas – 45 mm, Rashidabad – 40 mm, Diplo – 35 mm, Hyderabad – 2 mm, Thatta – 2 mm, Tando Jam – 1mm, Mithi – 1 mm and Karachi – 1mm.
- f. **AJ&K**. Kallar – 48 mm, Muzaffarabad – 25 mm, Garhi Dupatta – 14 mm, Chattar Kallas – 6 mm, Hattian Bala – 4mm and Kotli – 3 mm,
- g. **Gilgit Baltistan**. Astore – 1 mm and Bagrote – 1mm,

2. **Weather Forecast Next 24 Hours**. Scattered thunderstorms / rain 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.

3. **Weather Outlook from 19<sup>th</sup> to 20<sup>th</sup> July 2017**. ***Moderate Rainfall with isolated heavy falls is likely to continue over Upper Catchments of all the Major Rivers alongwith Khyber Pakhtunkhwa and Punjab.***

4. **Weather Last 24 Hours**. Rain-thunderstorm occurred at scattered places in Islamabad, Upper Punjab, Upper KP, Lower Sindh and Kashmir while at isolated places in Quetta, Kalat, Makran, Sahiwal Divisions and Gilgit-Baltistan.

**Annex C**To NDMA SITREP No-017  
dated 18 July 2017**PRELIMINARY DAMAGES / LOSSES MONSOON – 2017**

(FROM 26 JUNE TO 18 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
<b>TOTAL</b>	-	-	-	<b>82</b>	-	-	-	<b>117</b>	-	-	<b>116</b>

**Source.** PDMA's

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

**Annex D**To NDMA SITREP No-017  
dated 18 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