



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



**MONSOON 2017 DAILY SITUATION REPORT NO – 020**

**(Period Covered: 1300 Hrs 20 July 2017 – 1300 Hrs 21 July 2017)**

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels except; River Indus at Kalabagh, Chashma & Taunsa, River Kabul at Nowshera 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; Islamabad 107 mm, Islamkot 64 mm, Kamra 56 mm & Nagarparker 50 mm. PMD forecast for next 24 hours predicts scattered thunderstorm / rain with isolated **moderate falls over the upper catchments of Rivers Jhelum, Chenab, Ravi & Sutlej** alongwith Rawalpindi, Sargodha, Gujranwala, Lahore & D.G.Khan Divisions. Isolated thunderstorm / rain over Sindh, Eastern Balochistan, Faisalabad & Bahawalpur Divisions alongwith **upper catchment 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	1,521.00	4.582	<b>29</b>	<b>1.592</b>
b.	Mangla	1,242.00	7.406	1,218.30	5.612	<b>23.7</b>	<b>1.794</b>

(\* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours.** No significant event reported in last 24 hours.
5. **Road Situation (NHA and Respective Provinces)**
  - a. Gilgit – Skardu Road (S-1) blocked at Maloopa was restored on 20 July 2017.
  - b. 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 ongoing Monsoon spell and 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.
  - f. Tourists be cautioned to avoid travelling to areas vulnerable to landslides.
  - 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. ***Staff of emergency services be sensitized for availability on weekend.***
  - k. ***Owing to possibility of rain in upper catchments of Rivers Jhelum, Chenab, Ravi, Sutlej & Indus, vulnerable communities along reaches of these rivers and their tributaries / Nullahs to be sensitized for requisite measures.***
  - l. ***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.***
  - m. ***PDMA Punjab Only.*** Please share segregated data of losses & damages from start of Monsoon Season 201, as reflected at Annex C.

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

<b><u>Rivers</u></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	242.0	264.7	220 – 240	Below Low	<b>650</b>
Kalabagh	950	227.1	219.3	<b>250 – 300</b>	<b>Low</b>	<b>650</b>
Chashma	950	256.2	249.7	<b>250 – 290</b>	<b>Low</b>	<b>650</b>
Taunsa	1,100	244.7	226.5	245 – 265	<b>Low</b>	<b>650</b>
Guddu	1,200	198.4	169.9	No Significant Change	Below Low	<b>700</b>
Sukkur	1,500	157.1	112.4	-do-	-do-	<b>700</b>
Kotri	875	69.9	47.3	-do-	-do-	<b>650</b>
<b><u>River Kabul</u></b>						
Nowshera	540	47.4	47.4	<b>45 – 60</b>	<b>Low</b>	<b>200</b>
<b><u>River Jhelum</u></b>						
Mangla	1,060	35.0	10.0	40 – 70	Below Low	<b>225</b>
Rasul	850	9.0	5.3	No Significant Change	-do-	<b>225</b>
<b><u>River Chenab</u></b>						
Marala	1,100	92.3	60.7	<b>80 – 100</b>	Below Low	<b>400</b>
Khanki	800	85.3	76.8	No Significant Change	-do-	<b>400</b>
Qadirabad	807	65.6	43.6	-do-	-do-	<b>400</b>
Trimmu	645	87.0	74.4	<b>80 – 100</b>	-do-	<b>450</b>
Panjnad	700	42.0	28.7	No Significant Change	-do-	<b>450</b>
<b><u>River Ravi</u></b>						
Jassar	275	5.6	5.6	No Significant Change	Below Low	<b>150</b>
Shahdara	250	30.0	30.0	-do-	-do-	<b>135</b>
Balloki	225	48.3	16.6	<b>45 – 60</b>	<b>Low</b>	<b>135</b>
Sidhnai	150	21.4	8.2	No Significant Change	Below Low	<b>90</b>
<b><u>River Sutlej</u></b>						
G.S.Wala	--	6.0 (Gauge in Feet)		No Significant Change	Below Low	<b>25.3 Feet</b>
Sulemanki	325	16.4	3.2	-do-	-do-	<b>175</b>
Islam	300	1.6	0.0	-do-	-do-	<b>175</b>

**Note.** All data in Thousands of Cusecs.

**PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD**

1. **Rainfall Reported Last 24 Hours**

- a. **Islamabad.** Saidpur 107 mm, Golra 53 mm, Bokra 18 mm, Zeropoint 14 mm, Airport 14 mm and Shamsabad 11 mm.
- b. **Khyber Pakhtunkhwa.** Kamra 56 mm, Kakul 26 mm, Shinkiari 21 mm, Phulra 17 mm, Risalpur 13 mm, Malamjabba 9 mm, Attock Khairabad 8 mm, Talhatta 5 mm, Tarbela 3 mm, Oghi 3 mm, Balakot 3 mm, Chakdara 2 mm, Lower Dir 2 mm, Saidu Sharif 2 mm and Cherat 1 mm.
- c. **Punjab.** Chakwal 31 mm, Jhang 22 mm, Shorkot 15 mm, Sahiwal 9 mm, Murree 6 mm, Okara 3 mm and Faisalabad 1 mm.
- d. **Sindh.** Islamkot 64 mm, Nagarparkar 50 mm, Rashidabad 31 mm, Dhahli 30 mm, Mithi 22 mm, Chhor 21 mm, Chachro 12 mm, Diplo 10 mm, Hyderabad 8 mm and Mirpurkhas 8 mm,
- e. **AJ&K.** Kotli 9 mm, Muzaffarabad 7 mm and Chattar Kallas 6 mm,

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

3. **Weather Outlook from 22 – 23 July 2017.** *Scattered thunderstorm / rain is expected over South Sindh & Eastern Balochistan from 23<sup>rd</sup> July 2017. Moderate Rainfall with isolated heavy falls is likely over the upper catchments of Rivers Jhelum, Chenab, Ravi & Sutlej along with Punjab & Khyber Pakhtunkhwa during the period.*

4. **Weather Last 24 Hours.** Rain-thunderstorm (with isolated heavy falls) occurred at a number of places in Islamabad, Rawalpindi Division while at scattered places in Faisalabad, Malakand, Hazara, Peshawar, Mirpurkhas Divisions, Kashmir and at isolated places in Lahore, Sargodha, Gujranwala, Sahiwal and Hyderabad Divisions.

**Annex C**  
To NDMA SITREP No-020  
dated 21 July 2017

**PRELIMINARY DAMAGES / LOSSES MONSOON – 2017**

(FROM 26 JUNE TO 21 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
<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>87</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>119</b>	<b>-</b>	<b>-</b>	<b>120</b>

**Source.** PDMA's

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

**Annex D**  
To NDMA SITREP No-020  
dated 21 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