



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



MONSOON 2017 DAILY SITUATION REPORT NO – 059

(Period Covered: 1300 hrs 28 August 2017 – 1300 hrs 29 August 2017)

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels. Details at **Annex A**.
2. **Past Meteorological Situation and Future Forecast by PMD.** Significant rainfall reported in last 24 hours is; Murree 46 mm. PMD forecast for next 24 hours predicts **widespread wind-thunderstorm / rain with isolated heavy to very heavy falls over Southeast Sindh**. Scattered **wind-thunderstorm / rain with isolated heavy falls over Karachi, Hyderabad, Shaheed Benazirabad, Gujranwala, Lahore, Faisalabad & Bahawalpur Divisions alongwith Kashmir**. Isolated thunderstorm / rain over Malakand, Hazara, Rawalpindi, Sargodha, Multan, D.G. Khan & Sahiwal Divisions alongwith Northeast Balochistan. 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	1,543.24	5.787	6.76	0.387
b.	Mangla	1,242.00	7.406	1,232.00	6.623	10.0	0.783

(* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours.** No significant event was reported in last 24 hours.
5. **Road Situation (NHA and Respective Provinces).** All roads across the Country are clear.
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**
 - a. Clearance of sewerage / drainage system in all major cities especially Karachi, Hyderabad, Islamabad, Rawalpindi, Sargodha, Gujranwala, Lahore & Faisalabad. Critical monitoring of main sewerage channels passing from all major cities by relevant stakeholders / City Governments.
 - b. Prudent planning of sacrificial animals markets and disposal of waste so as to safeguard any outbreak of diseases.

- c. Public awareness to vacate **dangerous buildings / kacha houses** during rain and remain away from electric wires, poles and billboards.
- d. Monitoring of vulnerable flood protection structures to ward off any ***Accidental Breaches***.
- e. Prudent placing and timely mobilization of earth moving machinery for restoration of ***road infrastructure***.
- f. Owing to possibility of heavy to very heavy rains in Sindh & Eastern Balochistan, vulnerable communities along **Nullahs & hill torrents** to 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	124.0	113.6	110 – 125	Below Low	650
Kalabagh	950	163.7	155.7	No Significant Change	-do-	650
Chashma	950	201.3	189.9	-do-	-do-	650
Taunsa	1,100	180.3	155.5	-do-	-do-	650
Guddu	1,200	157.1	123.5	-do-	-do-	700
Sukkur	1,500	114.4	57.6	-do-	-do-	700
Kotri	875	81.7	48.3	-do-	-do-	650
<u>River Kabul</u>						
Nowshera	540	21.5	21.5	No Significant Change	Below Low	200
<u>River Jhelum</u>						
Mangla	1,060	15.0	32.3	15 – 50	Below Low	225
Rasul	850	25.3	8.0	No Significant Change	Below Low	225
<u>River Chenab</u>						
Marala	1,100	47.5	14.7	45 – 55	Below Low	400
Khanki	800	16.2	7.6	No Significant Change	-do-	400
Qadirabad	807	22.0	0.0	-do-	-do-	400
Trimmu	645	33.9	20.7	-do-	-do-	450
Panjad	700	22.8	7.2	-do-	-do-	450
<u>River Ravi</u>						
Jassar	275	2.1	2.1	No Significant Change	Below Low	150
Shahdara	250	19.3	19.3	-do-	-do-	135
Balloki	225	44.3	11.0	-do-	-do-	135
Sidhnai	150	21.6	6.6	-do-	-do-	90
<u>River Sutlej</u>						
G.S. Wala	--	9.0 (Gauge in Feet)		No Significant Change	Below Low	25.3 Feet
Sulemanki	325	21.5	8.2	-do-	-do-	175
Islam	300	4.6	1.8	-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 27 mm, Airport 16 mm and Shamsabad 7 mm.
- b. **Punjab**. Murree 46 mm, Sargodha 27 mm, Munawar Tawi 22 mm, Mianwali 21 mm, Noorpur Thal 11 mm, Kallar 6 mm, Sialkot 5 mm, Talhatta 2 mm, Jassar 1 mm, Sehrkakota 1 mm and Marala 1 mm.
- c. **Khyber Pakhtunkhwa**. Besham 34 mm, D.G. Khan 32 mm, Shinkiari 25 mm, Oghi 19 mm, Pattan 18 mm, Lower Dir 16 mm, Balakot 12 mm, Malamjabba 4 mm, Saidu Sharif 2 mm and Nowshera 1 mm.
- d. **AJ&K**. Palandri 8 mm.

2. **Weather Forecast Next 24 Hours**. Widespread wind-thunderstorm / rain with isolated heavy to very heavy falls is expected over Southeast Sindh. Scattered wind-thunderstorm / rain with isolated heavy falls is expected over Karachi, Hyderabad, Shaheed Benazirabad, Gujranwala, Lahore, Faisalabad & Bahawalpur Divisions alongwith Kashmir. Isolated thunderstorm / rain is expected over Malakand, Hazara, Rawalpindi, Sargodha, Multan, D.G. Khan & Sahiwal Divisions alongwith Northeast Balochistan.

3. **Weather Outlook for 30 – 31 August 2017**. ***Widespread rain / thunderstorm associated with gusty winds (isolated heavy to very heavy falls) is expected in lower Sindh (Mirpur Khas, Hyderabad, Karachi Divisions) and at scattered places in Sukkur, Larkana, Shaheed Benazirabad, Kalat, Quetta, Sibbi, Zhob and Naseerabad Divisions from Wednesday to Friday.*** Rain-thunderstorm is also expected at scattered places in Bahawalpur, Multan, D.G. Khan and Sahiwal Divisions, while at isolated places in Hazara, Rawalpindi, Gujranwala, Faisalabad, Sargodha and Lahore Divisions, Islamabad, Gilgit Baltistan and Kashmir on Wednesday / Thursday.

4. **Weather Last 24 Hours**. Weather remained hot and humid in most parts of the Country. However, Rains / thunderstorms occurred at isolated places in Rawalpindi, Sargodha, Gujranwala, Malakand, Hazara Division & Islamabad.

Annex C
To NDMA SITREP No-059
dated 29 August 2017

PRELIMINARY DAMAGES / LOSSES MONSOON – 2017

(From 26 June to 29 August 2017)

Provinces	Deaths				Injured				Houses Damaged		
	M	F	C	T	M	F	C	T	P	F	T
Punjab	-	-	-	33	-	-	-	83	-	22	34
Khyber Pakhtunkhwa	16	2	10	28	13	9	11	33	192	40	232
Sindh	11	1	3	15	4	6	7	17	15	-	15
Balochistan	13	4	9	26	-	-	-	-	36	-	36
AJ&K	4	1	-	5	3	2	-	5	17	13	30
FATA	2	7	9	18	3	8	9	20	7	2	9
Gilgit-Baltistan	6	1	1	8	3	1	-	4	29	26	55
ICT	1	1	1	3	-	-	-	-	1	-	1
TOTAL	-	-	-	136	-	-	-	162	-	-	412

Source. PDMA's

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

Annex D
To NDMA SITREP No-059
dated 29 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	28	873
Food Items (Bags)	-	100	-	230	330
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