



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



MONSOON 2017 DAILY SITUATION REPORT NO – 061

(Period Covered: 1300 hrs 30 August 2017 – 1300 hrs 31 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; Karachi 97 mm, Jhang 70 mm, Hyderabad 64 mm, Kakul 51 mm, Thatta 46 mm, Sukrand 45 and Nawabshah 43 mm. PMD forecast for next 24 hours predicts **widespread rains / thunderstorms associated with gusty winds (isolated heavy to very heavy falls) in Lower Sindh (Mirpurkhas, Hyderabad & Karachi Divisions)**. Scattered rains / thunderstorms over Sukkur, Larkana, Nawabshah, Kalat, Quetta, Sibbi, Zhob, Naseerabad, Bahawalpur, Multan, D.G. Khan, Sahiwal, Gujranwala, Lahore, Rawalpindi, Faisalabad and Sargodha Divisions along with Gilgit Baltistan and Kashmir. 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	1,541.92	5.712	8.08	0.462
b.	Mangla	1,242.00	7.406	1,230.35	6.495	11.65	0.911

(* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours.** Due to blockage in Mali Nullah water has overflowed in Gujjar Nullah causing urban flooding in parts of Karachi. Damages / losses are being compiled by PDMA Sindh. Following relief has been extended by PDMA Sindh in Karachi:-

- a. De-watering Pumps - 116
- b. Tents - 300
- c. Lifejackets - 50
- d. Boats w/ OBM - 3

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. Critical monitoring of main sewerage channels passing from all major cities by relevant stakeholders / City Governments. Any unusual rise in water of such water channels be timely intimated to all concerned.
- b. Monitoring of vulnerable flood protection structures to ward off any ***Accidental Breaches***.
- c. Raise awareness using all possible communication means to warn / alert:-
 - (1) The residents of dangerous / weakened buildings.
 - (2) Population near nullahs, streams and water courses.
 - (3) Avoid swimming in ponds, canals and other water channels.
 - (4) Adopt preventative measures against electrocutions.
- d. Issue timely alerts / warnings to people along reaches of major rivers and their tributaries / Nullahs for requisite precautionary measures.
- e. NHA, FWO and C&W Departments of respective Provinces / Regions to remain vigilant in restoring road links.
- f. Tourists be apprised about weather forecast.
- g. Possibility of heavy to very heavy rains in Sindh & Eastern Balochistan, vulnerable communities especially along hill torrents be sensitised for requisite precautionary measures.
- h. Availability of staff of emergency services and all other relevant stakeholders during Eid holidays to be ensured.
- i. Sufficient arrangements be made for provision of uninterrupted electricity for hospitals and other important facilities.
- j. Forward placing and alerting of emergency response teams with required machinery for prompt response, especially water pumping machinery.
- k. Relevant departments may issue necessary instructions to stakeholders in the light of fresh weather advisory.
- l. In case of any eventuality, twice daily updates should be shared with NDMA.
- m. **PDMA Sindh Only**. Please share details of losses / damages and relief assistance in view of urban flooding in Karachi.

To NDMA SITREP No-061
dated 31 August 2017**RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION**

Rivers						
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	130.0	99.2	130 – 140	Below Low	650
Kalabagh	950	148.2	140.2	No Significant Change	-do-	650
Chashma	950	174.5	168.5	-do-	-do-	650
Taunsa	1,100	178.3	155.7	-do-	-do-	650
Guddu	1,200	157.7	150.1	-do-	-do-	700
Sukkur	1,500	114.7	68.2	-do-	-do-	700
Kotri	875	70.7	64.3	-do-	-do-	650
<u>River Kabul</u>						
Nowshera	540	20.1	20.1	No Significant Change	Below Low	200
<u>River Jhelum</u>						
Mangla	1,060	13.0	46.3	20 – 50	Below Low	225
Rasul	850	40.6	23.6	No Significant Change	Below Low	225
<u>River Chenab</u>						
Marala	1,100	54.9	23.1	50 – 70	Below Low	400
Khanki	800	22.6	14.3	No Significant Change	-do-	400
Qadirabad	807	31.3	9.3	-do-	-do-	400
Trimmu	645	32.0	19.0	-do-	-do-	450
Panjnad	700	22.0	7.4	-do-	-do-	450
<u>River Ravi</u>						
Jassar	275	1.9	1.9	No Significant Change	Below Low	150
Shahdara	250	18.7	18.7	-do-	-do-	135
Balloki	225	44.3	11.0	-do-	-do-	135
Sidhnai	150	20.0	5.6	-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	19.6	7.5	-do-	-do-	175
Islam	300	6.4	3.8	-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. **Punjab**. Jhang 70 mm, Multan 37 mm, Sargodha 37 mm, D.G. Khan 32 mm, Bahawalnagar 25 mm, Lahore 25 mm, Jhelum 12 mm, Mangla 9 mm, Shorkot 9 mm, Johorabad 8 mm, G.S. Wala 7 mm, Mandibahauddin 5 mm, Gujranwala 4 mm, Kot Addu 4 mm, T.T. Singh 4 mm, Sahiwal 2 mm, Kasur 2 mm, Kamra 2 mm, Munawar Tawi 2 mm, Faisalabad 1 mm, Noorpur Thal 1 mm, Gujrat 1 mm, Sehrkakarta 1 mm and Rahim Yar Khan 1 mm.
- b. **Khyber Pakhtunkhwa**. Kakul 51 mm, Phulra 11 mm, Cherat 7 mm, Oghi 3 mm, Khanpur 2 mm and Attock Khairabad 2 mm.
- c. **Balochistan**. Barkhan 1 mm.
- d. **Sindh**. Karachi 97 mm, Hyderabad 64 mm, Thatta 46 mm, Sukrand 45 mm, Nawabshah 43 mm, Mirpurkhas 35 mm, Chachro 32 mm, Mithi 29 mm, Dahli 26 mm, Nagarparkar 22 mm, Badin 13 mm, Diplo 12 mm, Moenjodaro 9 mm, Kalohi 5 mm, Islamkot 5 mm, Chhor 3 mm, Murree 3 mm, Dadu 2 mm, Padidan 2 mm and Sukkur 1 mm.
- e. **AJ&K**. Rawalakot 4 mm, Hattian Bala 4 mm and Kotli 2 mm.

2. **Weather Forecast Next 24 Hours**. Widespread rains / thunderstorms associated with gusty winds (isolated heavy to very heavy falls) is expected in Lower Sindh (Mirpurkhas, Hyderabad and Karachi Divisions). Scattered rains / thunderstorms expected over Sukkur, Larkana, Nawabshah, Kalat, Quetta, Sibbi, Zhob, Naseerabad, Bahawalpur, Multan, D.G. Khan, Sahiwal, Gujranwala, Lahore, Rawalpindi, Faisalabad & Sargodha Divisions along with Gilgit-Baltistan and Kashmir.

3. **Weather Outlook for 1 – 2 September 2017**. Rainfall activity is likely to decrease over Sindh after 36 hours and moderate rainfall is likely to continue over Punjab, Kashmir and Khyber Pakhtunkhwa.

4. **Weather Last 24 Hours**. Widespread rains / thunderstorms occurred in Sindh, Punjab while at scattered places in Hazara, Peshawar, Barkhan & Quetta Divisions, Islamabad and Kashmir.

Annex C
To NDMA SITREP No-061
dated 31 August 2017

PRELIMINARY DAMAGES / LOSSES MONSOON – 2017

(From 26 June to 31 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	12	1	3	16	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	-	-	-	137	-	-	-	162	-	-	412

Source. PDMA's

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

Annex D
To NDMA SITREP No-061
dated 31 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	-	-	116	-	116
Boats with OBMs	-	-	3	-	3