



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



MONSOON 2017 DAILY SITUATION REPORT NO – 060

(Period Covered: 1300 hrs 29 August 2017 – 1300 hrs 30 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; Jhang 44 mm. PMD forecast for next 24 hours predicts ***widespread rains / thunderstorms associated with gusty winds (isolated heavy to very heavy falls) is expected in Lower Sindh (Mirpurkhas, Hyderabad & Karachi Divisions) and at scattered places in Sukkur, Larkana, Nawabshah, Kalat, Quetta, Sibbi, Zhob and Naseerabad Divisions.*** Rains / thunderstorms 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. 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	1,542.54	5.747	7.46	0.427
b.	Mangla	1,242.00	7.406	1,231.15	6.557	10.85	0.849

(* 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. 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. Public awareness to vacate dangerous buildings, kacha houses, remain away from electric wires / poles, avoid swimming or venturing in flooded water channels.

- c. Monitoring of vulnerable flood protection structures to ward off any **Accidental Breaches**.
- 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. In case of any eventuality, twice daily updates should be shared with NDMA.
- i. Relevant departments may issue necessary instructions to stakeholders in the light of fresh weather advisory.
- j. Availability of staff of emergency services and all other relevant stakeholders during Eid holidays to be ensured.
- k. 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
- l. Sufficient arrangements be made for provision of uninterrupted electricity for hospitals and other important facilities.
- m. Forward placing and alerting of emergency response teams with required machinery for prompt response, especially water pumping machinery.

To NDMA SITREP No-060
dated 30 August 2017**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	116.0	113.4	110 – 130	Below Low	650
Kalabagh	950	161.5	153.5	No Significant Change	-do-	650
Chashma	950	187.5	176.2	-do-	-do-	650
Taunsa	1,100	180.3	155.7	-do-	-do-	650
Guddu	1,200	153.4	123.5	-do-	-do-	700
Sukkur	1,500	111.0	57.6	-do-	-do-	700
Kotri	875	76.2	51.7	-do-	-do-	650
<u>River Kabul</u>						
Nowshera	540	20.7	20.7	No Significant Change	Below Low	200
<u>River Jhelum</u>						
Mangla	1,060	12.0	32.3	10 – 40	Below Low	225
Rasul	850	44.9	27.5	30 – 45	Below Low	225
<u>River Chenab</u>						
Marala	1,100	50.4	17.6	50 – 70	Below Low	400
Khanki	800	18.5	9.9	No Significant Change	-do-	400
Qadirabad	807	28.7	6.7	-do-	-do-	400
Trimmu	645	36.4	23.2	-do-	-do-	450
Panjad	700	22.8	7.2	-do-	-do-	450
<u>River Ravi</u>						
Jassar	275	2.4	2.4	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	21.8	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	22.0	8.8	-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. **Islamabad**. Golra 18 mm and Saidpur 2 mm.
- b. **Punjab**. Jhang 44 mm, Lahore 31 mm, Multan 26 mm, T.T. Singh 14 mm, Kasur 11 mm, Marala 8 mm, Sialkot 7 mm, Sargodha 6 mm, G.S. Wala 5 mm, Gujranwala 5 mm, Gujrat 3 mm, Faisalabad 3 mm, Munawar Tawi 2 mm, Mandibahauddin 2 mm, Sahiwal 2 mm, Shakargarh 1 mm, and Jhelum 1 mm.
- c. **Khyber Pakhtunkhwa**. Daggar 12 mm, Balakot 3 mm, Domel 3 mm, Khanpur 3 mm, Talhatta 2 mm and Shinkiari 1 mm.
- d. **Sindh**. Nagarparkar 12 mm, Karachi 9 mm, Chhor 6 mm, Mithi 5 mm, Shorkot 5 mm, Chachro 4 mm, Diplo 2 mm and Kalohi 2 mm.
- e. **AJ&K**. Muzaffarabad 12 mm, Palandri 1 mm and Rawalakot 1 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 & Karachi Divisions) and at scattered places in Sukkur, Larkana, Nawabshah, Kalat, Quetta, Sibbi, Zhob and Naseerabad Divisions.** Rains / thunderstorms 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.

3. **Weather Outlook for 31 August – 1 September 2017**. ***Widespread rains / thunderstorms associated with gusty winds (isolated heavy to very heavy falls) is expected in Lower Sindh (Mirpurkhas, Hyderabad and Karachi Divisions) and at scattered places in Sukkur, Larkana, Nawabshah, Kalat, Quetta, Sibbi, Zhob, and Naseerabad Divisions.***

Rains / thunderstorms 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

4. **Weather Last 24 Hours**. Weather remained hot and humid in most parts of the country. However, rains / thunderstorms occurred at scattered places in Karachi, Hyderabad, Mirpurkhas, and Hazara Divisions, Punjab, Islamabad and Kashmir.

Annex CTo NDMA SITREP No-060
dated 30 August 2017**PRELIMINARY DAMAGES / LOSSES MONSOON – 2017**

(From 26 June to 30 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 DTo NDMA SITREP No-060
dated 30 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