



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



MONSOON 2017 DAILY SITUATION REPORT NO – 016

(Period Covered: 1300 Hrs 16 July 2017 – 1300 Hrs 17 July 2017)

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

2. **Past Meteorological Situation and Future Forecast by PMD.** Significant rainfall reported in last 24 hours is; Kakul 50 mm, Alexandra Bridge 47 mm, Marala 41 mm, Gujrat 39 mm and Kotli 37 mm. Forecast for next 24 hours predicts scattered thunderstorm / rain with isolated heavy falls over Malakand, Hazara, Peshawar, Kohat, Rawalpindi, Gujranwala, Lahore, Sargodha & D.G Khan Divisions **alongwith upper catchments of all the major Rivers.** Isolated thunderstorm / rain over Sindh and Eastern 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	1,511.37	4.094	38.63	2.08
b.	Mangla	1,242.00	7.406	1,214.95	5.379	27.05	2.027

(* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours**

- a. Due to flash flooding in Ferozabad Town, District Khuzdar, Balochistan on 16 July 2017, 2 x brothers drowned in flood water. Dead bodies were recovered.
- b. Due to flash flooding in Verap, River Dureji, District Lasbella, Balochistan on 16 July 2017, a jeep was washed away in flood water. 2 x persons were rescued by the Levis Force while 1 x person drowned in river and dead body was recovered by Local Administration.

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. 3 x deaths 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, all concerned departments are advised to remain on **High Alert** from **17 – 19 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 River Indus, Jhelum, Ravi, Sutlej and their tributaries / Nullahs to be sensitized for requisite measures.
 - j. **PDMA Punjab Only**. Please ensure following:-
 - (1) Considering possibility of **Low to Medium flooding in Nullahs of River Chenab** as predicted by FFD, vulnerable communities along Nullahs of River Chenab 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 moderate flooding in the Nullahs of Balochistan and Hill Torrents of D.G Khan Division during next 72 hours, vulnerable communities be sensitized for requisite precautionary measures. Relevant stakeholders be sensitized to critically monitor the situation.**

Annex ATo NDMA SITREP No-016
dated 17 July 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	275.0	117.7	250 – 280	Low	650
Kalabagh	950	181.3	173.5	200 R 280	-do-	650
Chashma	950	227.2	220.7	230 R 280	-do-	650
Taunsa	1,100	225.0	203.5	No Significant Change	Below Low	650
Guddu	1,200	194.3	158.7	-do-	-do-	700
Sukkur	1,500	127.7	74.1	-do-	-do-	700
Kotri	875	59.7	27.3	-do-	-do-	650
<u>River Kabul</u>						
Nowshera	540	58.4	58.4	50 – 70	Low	200
<u>River Jhelum</u>						
Mangla	1,060	94.0	10.0	60 – 100	Low	225
Rasul	850	8.6	5.3	No Significant Change	Below Low	225
<u>River Chenab</u>						
Marala	1,100	99.7	66.3	100 – 170	Low – Medium	400
Khanki	800	100.6	92.2	100 – 150	Low – Medium	400
Qadirabad	807	92.8	70.8	90 – 120	Low	400
Trimmu	645	51.6	37.3	No Significant Change	Below Low	450
Panjnad	700	17.6	2.1	-do-	-do-	450
<u>River Ravi</u>						
Jassar	275	5.2	5.2	5 – 15	Below Low	150
Shahdara	250	26.7	26.7	No Significant Change	-do-	135
Balloki	225	48.4	16.2	-do-	-do-	135
Sidhnai	150	17.5	2.6	-do-	-do-	90
<u>River Sutlej</u>						
G.S.Wala	--	7.0 (Gauge in Feet)		No Significant Change	Below Low	25.3 Feet
Sulemanki	325	18.4	5.5	-do-	-do-	175
Islam	300	2.2	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs.

PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD

1. **Significant Rainfall Reported Last 24 Hours**

- a. **Islamabad**. Saidpur – 29 mm, Shamsabad – 23 mm, Zeropoint – 19 mm, Golra – 7 mm and Airport – 5 mm.
- b. **Balochistan**. Zhob – 10 mm and Ormara – 5 mm.
- c. **Khyber Pakhtunkhwa**. Kakul – 50 mm, Malamjabba – 35 mm, Balakot – 21 mm, Shinkhari – 15 mm, Warsak – 9 mm, Sehrkakota – 9 mm, Besham – 8 mm, Chakdara – 7 mm, Upper Dir – 7 mm, Cherat – 6 mm, Saidu Sharif – 4 mm and Lower Dir – 2 mm.
- d. **Punjab**. Alexandra Bridge – 47 mm, Marala – 41 mm, Gujrat – 39 mm, Mandibahauddin – 35 mm, Jhelum – 31 mm, Mangla – 22 mm, Talhatta – 20 mm, Oghi – 13 mm, Lahore – 12 mm, Sialkot – 11 mm, Mianwali – 8 mm, Joharabad – 5 mm, Chakwal – 3 mm, Murree – 2 mm and D.G. Khan – 1 mm.
- e. **Sindh**. Mirpur Khas – 31 mm, Karachi – 5 mm, Mithi – 4 mm, Chhor – 2 mm and Badin – 1 mm.
- f. **AJ&K**. Kotli – 37 mm, Hattian Bala – 33 mm, Kallar – 28 mm, Chattarkallas – 17 mm, Daggar – 17 mm, Phulra – 15 mm, Domel – 14 mm, Palote – 13 mm, Palandri – 10 mm, Muzaffarabad – 9 mm, Garhi Dupatta – 7 mm and Rawalakot – 2 mm,
- g. **Gilgit Baltistan**. Astore – 3 mm.
- h. **FATA**. Parachinar – 5 mm.

2. **Weather Forecast Next 24 Hours**. Scattered thunderstorm / rain with isolated heavy falls is expected over Malakand, Hazara, Peshawar, Kohat, Rawalpindi, Gujranwala, Lahore, Sargodha & D.G Khan Divisions alongwith upper catchments of all the major rivers. Isolated thunderstorm / rain is also expected over Sindh and Eastern Balochistan.

3. **Weather Outlook from 18th to 19th July 2017**. ***Moderate Rainfall with isolated heavy falls is likely to continue over the upper catchments of all the major river along with Khyber Pakhtunkhwa and Punjab.***

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

Annex CTo NDMA SITREP No-016
dated 17 July 2017**PRELIMINARY DAMAGES / LOSSES MONSOON – 2017**

(FROM 26 JUNE TO 17 JULY 2017)

Provinces	Deaths				Injured				Houses Damaged		
	M	F	C	T	M	F	C	T	P	F	T
Punjab	-	-	-	30	-	-	-	77	-	-	12
Khyber Pakhtunkhwa	4	1	7	12	2	4	8	14	15	14	29
Sindh	3	-	3	6	4	6	7	17	5	-	5
Balochistan	13	4	6	23	-	-	-	-	20	-	20
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
TOTAL	-	-	-	81	-	-	-	117	-	-	103

Source. PDMA's

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

Annex DTo NDMA SITREP No-016
dated 17 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