



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



MONSOON 2017 DAILY SITUATION REPORT NO – 062

(Period Covered: 1300 hrs 31 August 2017 – 1300 hrs 1 September 2017)

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels. *Low to Medium level flooding is expected in the Nullahs of Rivers Chenab & Ravi.* Details at **Annex A.**
2. **Past Meteorological Situation and Future Forecast by PMD.** Significant rainfall reported in last 24 hours is; Karachi 83 mm, Kotli 71 mm, Munawar Tawi 68 mm, Sehrkakota 56 mm, Jhelum 62 mm, Khanpur 46 and Sahiwal 43 mm. PMD forecast for next 24 hours predicts *scattered thunderstorm / rain with isolated heavy falls over Mirpur Khas, Hyderabad, Karachi, Bahawalpur, Multan, D.G. Khan, Sahiwal, Gujranwala, Lahore, Rawalpindi, Faisalabad, Sargodha & Kohat Divisions alongwith Kashmir.* Isolated thunderstorm / rain over Gilgit-Baltistan. 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	1,541.56	5.691	8.44	0.483
b.	Mangla	1,242.00	7.406	1,230.00	6.468	12.00	0.938

(* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours**

- a. Due to heavy rains in District Karachi, Sindh from 30 to 31 August 2017, 15 x deaths, 4 x injured and 16 x houses partially damaged have been reported.
- b. In view of the current situation in Sindh, following efforts were undertaken by PDMA Sindh:-
 - (1) De-watering Pumps - 140
 - (2) Tents - 300
 - (3) Lifejackets - 50
 - (4) Boats w/ OBM - 3
- c. Mayor of Karachi Mr Wasim Ahmed requisitioned services of Pak Army and Pak Navy to assist in relief and rescue efforts in Karachi. A total of 15 x Response Teams of Pak Army along with 50 x dewatering pumps and 5 x Teams of Pak Navy are employed in various parts of Karachi. Detail of assistance provided by Pakistan Army/ Pakistan rangers and Pakistan Navy is attached as **Annex E & Annex F** respectively.

- d. Due to heavy rains in District Jhang, Punjab on 30 August 2017, 5 x Children dead in a roof collapse incident of a house was reported.
 - e. NDMA helped in coordinating various activities and undertaking rescue / relief efforts by closely interacting and critically monitoring the situation / actions of all agencies and departments for saving lives.
5. **Road Situation (NHA and Respective Provinces)**. As per NHA, all roads across the Country are clear.
6. **Railway Situation**. All railway routes are clear.
7. **Preliminary Losses / Damages Reported**.
- a. 20 x Deaths, 4 x Injured and 16 x Houses partially damaged were reported during 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 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, especially to the NDMA.
 - b. Monitoring of vulnerable flood protection structures to ward off any **Accidental Breaches**.
 - c. Availability of **medicines for water borne diseases** in the hospital of Karachi District.
 - d. Issue timely alerts / warnings to population residing near water especially the in urban areas to avoid entering / swimming in standing water.
 - e. NHA, FWO and C&W Departments of respective Provinces / Regions to remain vigilant in restoring road links.
 - f. Availability of staff of emergency services and all other relevant stakeholders during Eid holidays to be ensured.
 - g. Sufficient arrangements be made for provision of uninterrupted electricity for hospitals and other important facilities.
 - h. Timely alerting of emergency response teams with required machinery for prompt response, especially water pumping machinery.
 - i. Relevant departments may issue necessary instructions to stakeholders in the light of fresh weather advisory for better coordinated efforts where required.
 - j. In case of any eventuality, twice daily updates should be shared with NDMA.
 - k. Any department / agency can approach NDMA's National Emergency Operation Room for any assistance related to disasters.

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	134.0	114.0	120 – 140	Below Low	650
Kalabagh	950	152.7	144.7	150 – 180	-do-	650
Chashma	950	175.8	169.8	No Significant Change	-do-	650
Taunsa	1,100	168.5	148.3	-do-	-do-	650
Guddu	1,200	155.1	143.7	-do-	-do-	700
Sukkur	1,500	138.4	99.8	-do-	-do-	700
Kotri	875	62.1	55.9	-do-	-do-	650
<u>River Kabul</u>						
Nowshera	540	16.3	16.3	No Significant Change	Below Low	200
<u>River Jhelum</u>						
Mangla	1,060	45.0	35.9	40 – 80	Below Low	225
Rasul	850	44.1	27.5	No Significant Change	Below Low	225
<u>River Chenab</u>						
Marala	1,100	52.4	20.5	70 – 120	Low	400
Khanki	800	30.2	22.1	70 – 100	Low	400
Qadirabad	807	33.9	11.9	No Significant Change	Below Low	400
Trimmu	645	21.2	8.5	-do-	-do-	450
Panjnad	700	23.0	8.2	-do-	-do-	450
<u>River Ravi</u>						
Jassar	275	1.5	1.5	2 – 5	Below Low	150
Shahdara	250	18.1	18.1	No Significant Change	-do-	135
Balloki	225	44.1	14.6	-do-	-do-	135
Sidhnai	150	18.0	6.6	-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	21.2	10.2	-do-	-do-	175
Islam	300	7.3	6.3	-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**. Shamsabad 4 mm & Airport 3 mm.
- b. **Punjab**. Munawar Tawi 68 mm, Sehrkakota 56 mm, Jhelum 52 mm, Khanpur 46 mm, Sahiwal 43 mm, Gujranwala 30 mm, Kot Addu 27 mm, R.Y. Khan 2 mm, Bahawalpur 25 mm, Mangla 23 mm, Marala 16 mm, Murree 16 mm, Okara 16 mm, Gujrat 13 mm, Multan 12 mm, Sialkot 11 mm, Sargodha 10 mm, T.T. Singh 8 mm, Palidan 8 mm, D.G. Khan 7 mm, Ganda Singh Wala 6 mm, Shorkot 6 mm, Noorpur Thal 5 mm, Bahawalnagar 5 mm, Layyah 4 mm, Faisalabad 4 mm, Jhang 3 mm and Chattar Kallas 1 mm.
- c. **Khyber Pakhtunkhwa**. Kakul 27 mm, Malamjabba 6 mm, Besham 5 mm and Domel 3 mm.
- d. **Balochistan**. Sibbi 28 mm and Lasbela 5 mm.
- e. **Sindh**. Karachi 83 mm, Badin 22 mm, Dadu 18 mm, Sukkur 16 mm, Thatta 15 mm, Rohri 9 mm, Mithi 4 mm, Moen-jo-daro 3 mm, Larkana 2 mm and Shaheed Benazirabad 2 mm.
- f. **AJ&K**. Kotli 71 mm, Rawalakot 18 mm, Muzaffarabad 3 mm and Garhi Dupatta 1 mm.
- g. **GB**. Skardu 3 mm, Bagrote 1 mm and Astore 1 mm.
- h. **FATA**. Parachinar 3 mm.

2. **Weather Forecast Next 24 Hours**. Scattered thunderstorm / rain with isolated heavy falls is expected over Mirpur Khas, Hyderabad, Karachi, Bahawalpur, Multan, D.G. Khan, Sahiwal, Gujranwala, Lahore, Rawalpindi, Faisalabad, Sargodha & Kohat Divisions alongwith Kashmir. Isolated thunderstorm / rain is expected over Gilgit-Baltistan.

3. **Weather Outlook for 2 – 3 September 2017**. Moderate rainfall is likely to continue over Punjab, Kashmir and Khyber Pakhtunkhwa.

4. **Weather Last 24 Hours**. Widespread rain-thunderstorm occurred in Sindh, Punjab while at scattered places in Quetta, Sibbi, Hazara Divisions, FATA, Gilgit-Baltistan and Kashmir.

Annex C
To NDMA SITREP No-062
dated 32 August 2017

PRELIMINARY DAMAGES / LOSSES MONSOON – 2017

(From 26 June to 1 September 2017)

Provinces	Deaths				Injured				Houses Damaged		
	M	F	C	T	M	F	C	T	P	F	T
Punjab	-	-	-	38	-	-	-	83	-	22	34
Khyber Pakhtunkhwa	16	2	10	28	13	9	11	33	192	40	232
Sindh	22	1	8	31	7	6	8	21	31	-	31
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	-	-	-	157	-	-	-	166	-	-	428

Source. PDMA's

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

Annex D
To NDMA SITREP No-062
dated 32 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

Annex E

To NDMA SITREP No-062
dated 01 September 2017

DETAIL OF EFFORTS BY PAKISTAN ARMY AND SINDH RANGERS

1. A total of 15 x Response Teams of Pak Army along with 50 x dewatering pumps are employed in various parts of Karachi. Detail of areas cleared and work in progress by Pakistan Army and Sindh Rangers Teams is as follows:-

a. **Areas Cleared**

- (1) Liaqatabad No. 10
- (2) Gharibabad Underpass
- (3) Kabaili Town Block 5
- (4) Petrol Pump Chorangi
- (5) Nauras Chorangi
- (6) Old Golimar Chorangi
- (7) Nagin Chowrangi
- (8) Power House Chorangi

b. **Areas Regulated**

- (1) Aurangi Nullah
- (2) Gujjar Nullah

c. **Dewatering in Progress**

- (1) Ayesha Manzil
- (2) Nazimabad Underpass
- (3) Golimar Chorangi
- (4) North Karachi UC 13
- (5) Landikotal
- (6) Saadi Town

Annex F

To NDMA SITREP No-062
dated 01 September 2017

DETAIL OF ASSISTANCE BY PAKISTAN NAVY

1. In wake of heavy rain fall in southern area of Punjab, weather advisory was issued by hydrographer Pakistan Navy on 29 and 31 Aug 17 for P.N units at Karachi, Head Quarter COMKAR and H.Q Coastal Command at Karachi initiated preparatory action with respect to emergency response teams (ERT) and Emergency Response Center (ERC).
2. ERTs (Emergency Response Teams) were stands by to respond to any crises situation at Karachi and coastal area. Following action were initiated.
 - a. ERC of H.Q COMKAR coordinated action with respect to rescue and relief activities by P.N elements in Karachi.
 - b. H.Q COMKAR coordinated with provincial Government, District Government, PDMA Sindh and Admin authority at Karachi.
 - c. PN SAR, Medical, Diving Teams and air assets were made standby.
3. Upon request of Rescue assistance from mayor of Karachi at 311645 Aug and subsequently by Governor Sindh and Deputy Commissioner Karachi (West), Following Rescue and relief efforts were provided/coordinated by H.Q COMKAR.
 - a. 1 x ETR from PNS HIMALYA comprising of 11 personnel along skiff boats and rescue equipment's was dispatched to Goli Mar Area, 1 x ERT from PNS BAHADUR along with de-Flooding pump was also dispatched to augments ERT for PNS HIMALAYA. The team evacuated approx. 267 personnel to safe location.
 - b. 3x de-flooding team comprising of 15 personnel from PNS KARSAZ were dispatched for de-flooding of Ghareebabad underpass. The teams complete de-flooding operation and thereafter were re-deployed at Shaique Mor (Sohrab Goth) for de-flooding. Upon completion, teams returned PNS KARSAZ.
 - c. 2 x ERTs from PNS IQBAL and PNS HIMALAYA along with tow inflatable boats were dispatched to Saadi Twon (Malir Area) the Teams remained deployed for rescue Ops till 010210 Sep. thereafter, teams return to their respective units.
 - d. Two x fire tenders from PN Central Fire Bridge (PNCFB) dispatched to Aero Soft Factory (Site Area) for fire efforts. 1 x ambulance from PNS SHIFA was also dispatched to SITE Area. The Fire Fighting OPS is still in progress.
 - e. ERTs have rescued approx. 267 personnel so far.
4. Crisis Management cell at Naval H.Q Islamabad ensured coordination with PDMA, NDMA and JS HQ and monitored rescue activities.