

MOST IMMEDIATE / BY FAX

F.1 (E)/2022-NDMA (MW/SITREP)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD

Dated: 29th July 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 045**

NDMA Monsoon 2022 Daily Situation Report No 045, covering period from 1300 hours on 28th July 2022 to 1300 hours 29th July 2022 is enclosed for information /necessary action, please.

(Muhammad Ali Khan)
Director (Response)
 Tel No: 051-9030924
 Fax No: 051-9030729

To: Secretary to Prime Minister, Prime Minister's Office, Islamabad
 Military Secretary to Prime Minister, Prime Minister's House, Islamabad

Cc: Secretary, Ministry of Climate Change, Islamabad
 Director General, Pakistan Meteorological Department, Islamabad
 Director General, Frontier Works Organization, Rawalpindi
 Chairman, Federal Flood Commission, Islamabad
 Chairman, National Highway Authority, Islamabad
 Joint Commissioner, Pakistan Commission for Indus Water, Islamabad
 Chief Meteorologist, Flood Forecasting Division, Lahore
 Director General, NHEPRN, Islamabad
 Director General, PDMA Balochistan, Quetta
 Director General, PDMA Khyber Pakhtunkhwa, Peshawar
 Director General, PDMA Punjab, Lahore
 Director General, PDMA Sindh, Karachi
 Director General, SDMA AJ&K, Muzaffarabad
 Director General, GBDMA, Gilgit
 Joint Crisis Management Cell, Joint Staff Headquarters, Rawalpindi
 Military Operation Directorate (MO-4), GHQ, Rawalpindi
 Arms Branch, Engineers Directorate, GHQ, Rawalpindi
 Director (SOF & Marines), Naval Headquarters, Islamabad
 Director (Ops), Air Headquarters, Islamabad
 Deputy Commissioner, Islamabad
 Principal Information Officer, Press Information Department, Islamabad

ID: APS to Member (Ops), NDMA
 APS to Member (A&F), NDMA
 APS to Member (DRR), NDMA
 Director (Logistics), NDMA
 Director (R&R), NDMA
 Director (Implementation), NDMA
 Director (P&IC), NDMA
 Director (Admin), NDMA
 Director (Finance), NDMA
 Director (Media & IT), NDM
 APS to Chairman, NDM



**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
Islamabad**



MONSOON 2022 DAILY SITUATION REPORT NO – 045
(Period Covered: 1300 hrs 28th July 2022 – 1300 hrs 29th July 2022)

1. **Area Affected (Last 24 Hours)**

Ser	Prov/ State	Daily Incidents
a.	ICT	NTR (Nothing to Report)
b.	Balochistan	<p><u>District Lasbella.</u> Due to heavy rain and flash floods, following is reported.</p> <ul style="list-style-type: none"> • Lunda Bridge at Uthal and Gaddani Bridge at Hub has been damaged. Local administration has reported that traffic is suspended however, as per NHA diversions have been made functional and traffic is plying. • Approx 2,100x people stranded at various locations. • Electricity and telecommunication system is interrupted <p><u>District Quetta.</u> Due to heavy rain, Sara Khula Dam is damaged resulting into flash floods in low-lying areas.</p> <p><u>District Qila Saifullah.</u> Due to heavy rains, 02x Males, 02x females 01x child died, 02x Males and 02x females injured.</p>
c.	Khyber Pakhtunkhwa	<p>Due to heavy rains/ floods following incident/ damages are reported</p> <p><u>District Abbottabad.</u> On 27th July 2022, 01x house fully damaged.</p> <p><u>District Charsadda.</u> 02x houses partially damaged.</p> <p><u>District Dera Ismail Khan.</u> 42x houses are partially damaged and 6 x houses fully damaged in Mauza Chigri, Jumma Shareef, Shamer, Ghamsan and Daraban Khurd.</p> <p><u>District Hangu.</u> 03x houses partially damaged.</p> <p><u>District Khyber.</u> 18x houses partially damaged and 01x male, 01 female, 01x child dead and 01x female & 03x children injured.</p> <p><u>District Malakand.</u> On 26th July 2022, 01x house partially damaged.</p> <p><u>District Mansehra.</u> On 27th July 2022, 01x bridge damaged.</p> <p><u>District Mardan.</u> 02x houses partially damaged.</p> <p><u>District Nowshera.</u> 02x houses partially damaged.</p> <p><u>District Swat.</u> 02x houses partially damaged.</p> <p><u>District Upper-Chitral.</u> 25x houses partially damaged and 01x house fully damaged.</p> <p><u>District Mohmand.</u> Due to heavy rain and landsliding, Manari to Dabar Road, Tehsil Prang is blocked, Roads and Bridges are also damaged in Tehsil Pindiali (details to follow).</p> <p><u>District Upper-Chitral.</u> Due to rain/ landsliding, Yarkhoon-Broghil road and Mastuj to Chuinj road was blocked at different points.</p> <p><u>District Kohistan.</u> Due to flood, a portion of Kandia road was washed away.</p> <p><u>District South Waziristan.</u> Due to heavy rain/ Landsliding main Karrama-Ladha road blocked near Shinkai.</p>
d.	Punjab	<p><u>District Gujranwala.</u> Due to heavy rain, 01x house partially damaged and 01x female injured.</p> <p><u>District DG Khan.</u> Due to heavy rain, 02x houses damaged resulting into 01x male, 05x females and 03x children dead and 06x children injured.</p>

		<p><u>District Sahiwal.</u> Due to heavy rains, 01x warehouse collapsed resulting into 04x females dead, 05x males and 09x females injured.</p> <p><u>District Chinot.</u> Due to heavy rain, 03x houses partially damaged resulting into 04x males & 01x female injured.</p> <p><u>District Okara.</u> Due to heavy rain, following reported:</p> <ul style="list-style-type: none"> • 01x tea-stall damaged, 01x male injured. • 01x cattle shed collapsed, 01x male died and 05x males injured. <p><u>District Narowal.</u> Due to heavy rain, 01x partially house damaged 01x male and 01x female dead & 01x child injured.</p>
e.	Sindh	<p><u>District Shikarpur.</u> Due to rains, 01x house fully damaged.</p> <p><u>District Korangi.</u> Due to rains, (22nd - 26th July, 2022) 3x houses partially damaged and 4x males, 4x females & 6x Children displaced.</p>
f.	Gilgit Baltistan	<p><u>District Ghanche.</u> Due to heavy rain/ flash flooding, following damages are reported:</p> <ul style="list-style-type: none"> • Due to landslide Siachen Road is blocked at Gursay. • Siachen road is blocked at Sino Mashabroom due to flash flood. • 3x roads blocked at Surmo due to flash flood. • Crops and agricultural land damaged in Garbocho, Khaplu nearby polo Ground <p><u>District Kharmang.</u> Due to heavy rain/ flash flooding, following damages are reported in / around Pari village:</p> <ul style="list-style-type: none"> • Main Kargil Rd blocked due to flood hit from opposite site Nallah • Link Rd from Gamba Pari to Goma Pari washed away. • 01x RCC bridge washed away. • 01x truss bridge washed away. • 02x foot bridges washed away. • 05x heads of water channels washed away. • Water supply of 02x villages partially damaged. • Poles of Power supply damaged with LT lines and accessories. • 02x protective bunds at partially damaged.
g.	AJ&K	<p><u>District Sudhnoti.</u> Due to rains, on 27th July 2022, 2x houses fully, 3x houses & 1x cattle farm partially damaged.</p>

2. **Cumulative Damages/ Relief Activities (14 June to date)**a. **Summary of Casualty – Injured/ Death**

Provinces / State	Deaths				Injured			
	M	F	C	T	M	F	C	T
ICT	01	-	-	1	-	-	-	-
Balochistan	44	32	35	111	45	07	14	66
Khyber Pakhtunkhwa	21	16	37	74	19	30	24	73
Punjab	53	14	25	92	130	87	34	251
Sindh	41	05	46	92	23	17	19	59
Gilgit Baltistan	01	04	03	8	03	-	-	03
AJ&K	05	01	-	06	05	04	-	09
TOTAL	166	72	146	384	225	145	91	461

b. **Summary of Damages of Infrastructure & Private Properties**

Prov / State	Roads	Bridges	Shops	Houses			Livestock
				PD	FD	TOTAL	
ICT	-	-	-	-	-	-	-
Balochistan	580 km	11	-	1417	2536	3,953	712
Khyber Pakhtunkhwa	6.5 km	5*	-	2580	647	3,227	261
Punjab	-	-	1	72	06	78	12
Sindh	388.5 km	03	03	15,566	2,832	18,398	233
GB	2 km	38*	-	215	-	215	-
AJ&K	-	-	05	10	59	69	741
TOTAL	977 km	57	09	19,860	6080	25,94	1,859

Note: Partially Damaged (PD), Fully Damaged (FD).

*Includes 21 x Foot Bridges.

c. **Relief Activities.**

- (1) **District Lasbella.** NDMA coordinated Heli support for rescue and relief activities including dropping of 400x food packets.
- (2) **District Jhalmagsi.** Relief activities are continued via Heli sorties.
- (3) **District DG Khan.** Overall relief operation carried out from 25th July 2022 to 27th July 2022 which include evacuation of 3038x persons, transportation of 6842x persons including 75x cattle and first-aid provided to 246x persons besides evacuating 25 to hospitals.
- (4) **District Charsadda.** NFIs provided to affected families.
- (5) **District Dera Ismail Khan.** FIs provided to affected families.
- (6) **District Khyber.** NFIs provided to affected families.
- (7) **District Mansehra.** Process for reconstruction work of bridge is in pipeline.

d. **Relief Camps Established.** NTR.e. **Rehabilitation Activities.**

- (1) **District Lasbella.** Restoration work is in progress
- (2) **District Ghanche.** Machinery has been mobilized and road clearance is in progress.
- (3) **Kharmang.** DDMA Kharmang/DC personally visited site and mobilised all staff for damage assessment and cost estimation. Households dwellers are shifted to nearby community halls

- (4) **District Mohmand**. Road restoration is in progress.
- (5) **District Upper-Chitral**. Road is open for traffic.
- (6) **District Kohistan**. . Road restoration is in progress.
- (7) **District South Waziristan**. Road is open for traffic.

f. **Rescue Activities**.

- (1) **District Lasbela**. Rescue Team rescued more than 350 persons in Lasbela District.
- (2) **District DG Khan**. 14x person rescued by 1122 through boats.

g. **Aviation Activities**. NTR

3. **River Discharges**. All the Major Rivers are flowing below "Flood Limits". Details of river discharges are attached as **Annex A**.

4. **Dams Levels**.

Ser	Reservoirs	Max Conservation Level & Storage		Current Level & Storage		Remaining Level & Storage	
		(Feet)	(MAF*)	(Feet)	(MAF*)	(Feet)	(MAF*)
a.	Tarbela	1,550.00	5.882	1524.00	4.393	26	1.587
b.	Mangla	1,242.00	7.356	1146.65	1.648	95.35	5.66
c.	Chashma	649.00	0.278	639.00	0.010	10	0.268
Total Storage		-		13.516 (MAF)			
Total Storage till 29th July 2022		-		6.051 (MAF)			
Remaining Storage		-		7.465 (MAF)			

Source: Federal Flood Commission

5. **Weather Forecast for Next 24 Hours by PMD**. Scattered thunderstorm/rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the Major Rivers along with East Balochistan, Islamabad and Peshawar, Kohat, Bannu, D.I. Khan, Rawalpindi, Sargodha, Gujranwala, Lahore, Sahiwal & DG Khan Divisions. Isolated thunderstorm/rain is expected over rest of the country.

6. **Rainfall Last 24 Hours**. Attached as **Annex B**.

7. **Weather Alert / Advisory / Press Release**. Pakistan Meteorological Department (PMD) has informed that strong monsoon currents are continuously penetrating the Country and likely to shift and intensify in Upper & Central Parts of the Country from 27 July (Wednesday), under the influence of this system, following is expected: -

- a. **Islamabad Capital Territory**. Rain-wind / thundershowers with scattered heavy falls expected with occasional gaps from **27-31 July (Wednesday-Sunday)**.
- b. **Balochistan**. Rain-wind / thundershowers with few heavy falls expected in Barkhan, Bolan, Chaman, Harnai, Jaffarabad, Kalat, Khuzdar, Kohlu, Lasbela, Loralai, Naseerabad, Quetta, Sibbi, Zhob and Ziarat with occasional gaps from **27-31 July (Wednesday-Sunday)**.
- c. **Khyber Pakhtunkhwa**. Rain-wind / thundershowers with scattered heavy falls expected in Abbottabad, Bannu, DI Khan, Haripur, Kohat, Kohistan, Kurram, Lakki Marwat, Mansehra, Mardan, Nowshera, Peshawar, Swabi and Swat with occasional gaps from **27-31 July (Wednesday-Sunday)**.

- d. **Punjab**. Rain-wind / thundershowers with scattered heavy falls expected in Attock, Bahawalnagar, Bahawalpur, Bhakkar, Chakwal, DG Khan, Faisalabad, Gujranwala, Gujrat, Hafizabad, Jhang, Jhelum, Khanpur, Khushab, Lahore, Layyah, Mandi Bahauddin, Mianwali, Multan, Murree, Narowal, Okara, Rahim Yar Khan, Rajanpur, Rawalpindi, Sahiwal, Sargodha, Sheikhpura and Sialkot with occasional gaps from **27-31 July (Wednesday-Sunday)**.
- e. **Sindh**. Rain-wind / thundershowers with few heavy falls expected in Dadu, Jacobabad, Larkana and Sukkur from **27-31 July (Wednesday-Sunday)**.
- f. **Gilgit Baltistan**. Rain-wind / thundershowers with scattered heavy fls expected in Gilgit Baltistan with occasional gaps from **27-31 July (Wednesday-Sunday)**.


8. **Flood Warning / Alert.**

- a. River Chenab at Khanki & Qadirabad is in medium flood level.
- b. River Indus at Chashma, Taunsa, Guddu, Sukkur, River Kabul at Nowshera and River Chenab at Marala are in low flood level.
- c. Flood like situation in Balochistan is likely to subside.
- d. Low to medium level flooding is expected in Nullahs of Rivers Ravi & Chenab during next 24-Hours.

9. **Daily Flood / Base Flow Data Obtained from India.**

Ser	Dam	Full Reservoir Level	Live Storage Capacity at FRL	Current Live Storage (MAF)	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	1.590 (21 Jul)	1591.65 (24 Jul)	34146 (24 Jul)	11800 (24 Jul)
b.	Pong Dam River Beas	1390	4.991	1.291 (21 Jul)	1320.67 (24 Jul)	16438 (24 Jul)	1510 (24 Jul)
c.	Thein Dam River Ravi	1732	1.900	0.801 (21 Jul)	1665.70 (21 Jul)	Not Available	Not Available

Source: Ministry of Water Resources, Office of PCIW (reported as dated above).



(Muhammad Ali Khan)
Director (Response)
 Tel No: 051-9030924
 Fax No: 051-9030729

RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION

RIVERS	Stations	Actual Observations at 0600 PST		Quantitative Forecast for Next 24-hrs. (Inflow)	Qualitative Forecasted Flood Level (Inflow)
		Inflow	Outflow		
INDUS	Tarbela	305.0	157.5	300-320	Low
	Kalabagh	220.2	216.7	240-280	-do-
	Chashma	316.1	308.1	270-310	-do-
	Taunsa	268.9	263.9	270-290	-do-
	Guddu	306.1	283.2	305-320	-do-
	Sukkur	280.1	251.1	270-290	-do-
	Kotri	102.4	79.8	105-120	Below Low
KABUL	Nowshera	67.7	67.7	65-80	Low
JHELUM	Mangla	40.0	9.6	40-80 sharp peak up to medium flood level	-do-
	Rasul	10.7	0.0	No significant change	Below Low
CHENAB	Marala	118.8	103.9	80-115	Low
	Khanki	195.1	188.6	190 F 100	Medium to Low
	Qadirabad	210.3	191.3	215 F 120	High to Low
	Trimmu	98.6	90.6	95-110	Below Low
	Punjnad	100.8	98.8	No significant change	-do-
RAVI	Jassar	18.8	18.8	15-25	-do-
	Shahdara	7.6	7.6	7-15	-do-
	Balloki	33.1	15.9	No significant change	-do-
	Sidhnai	24.4	22.8	-do-	-do-
SUTLEJ	G.S.Wala	0.0	0.0	-do-	-do-
	Sulemanki	12.0	5.1	-do-	-do-
	Islam	10.4	10.0	-do-	-do-

R= Rising & F= Falling

Note. All data in Thousands of Cusecs

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS

Stations	Rainfall (mm)
Punjab	
Okara	79
Murree	54
Sahiwal	42
Chakwal	41
Islamabad	Golra 41, Bokra 37, City 03, Saidpur 01 & AP Trace
Bhakkar	39
Sialkot	AP 38 & City 19
Rawalpindi	Chaklala 36, Kachehri 26, Shamsabad 11
Noor Pur Thal	35
Narowal	18
Multan	AP 11 & City 06
Bahawalpur	City 10 & AP 04
Faisalabad	09
Jhang	08
Attock	06
Bahawalnagar & Gujrat	05
D G Khan	City 05 & Zain Sanghar Nullah Trace
Mangla	04
Sargodha City	03
Khanewal & Kot Addu	02
T T Singh & Bhandu Wala (Rajan Pur)	Trace
Kashmir	
Bandi Abbaspur	75
Dhulli	36
Chakothe	35
Muzaffarabad	City 29 & AP 26
Chattar Kalas & Haraman	20
Garhi Dupatta	16
Rawalakot	11
Kotli	06
Khyber-Pakhtunkhwa	
Balakot	62
Kakul	57
Buner	44
Mardan	41
Malam Jabba	35
Mamad Gut	32
Mohmand Dam & Saidu Sharif	30
Khaar Bajaur	13
Cherat	07
Dir	Lower 07 & Upper 05
Bannu	03
Ghalanai & Pattan	01
Bacha Khan AP, Peshawar City & Landi Kotal	Trace
Balochistan	
Lasbella	33
Khuzdar	19
Zhob	10
Kalat & Loralai	05
Chaman, Muslim Bagh & Mastung	04
Quetta	Trace
Sindh	
Karachi	Orangi Town 16, Surjani 08, Nazimabad 07., Quaidabad 06, North Karachi 03, Gulshan e Hadid, Gulshan e Maymaar, Korangi 01, Faisal Base, Masroor Base & Kemari Trace
Thatta	01
Sukkur	Trace
Gilgit-Baltistan	
Babusar	Trace