

**MOST IMMEDIATE / BY FAX**

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



Dated: 24 July 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 040**

NDMA Monsoon 2022 Daily Situation Report No 040, covering period from 1300 hours on 23 July 2022 to 1300 hours 24 July 2022 is enclosed for information / necessary action, please.

**(Muhammad Ali Khan)**  
**Director (Response)**

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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  
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 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, NDMA



**MONSOON 2022 DAILY SITUATION REPORT NO – 040**

(Period Covered: 1300 hrs 23 July 2022 – 1300 hrs 24 July 2022)

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

Ser	Prov/ State	Daily Incidents
a.	ICT	<b>NTR</b>
b.	Balochistan	<b><u>District Dera Bugti.</u></b> 1 x Death due to flash flood.
c.	Khyber Pakhtunkhwa	<p><b><u>District Upper Chitral.</u></b> 8 x FD Houses, 3 x PD Houses due to heavy rain induced flash flood.</p> <p><b><u>District Haripur.</u></b> 1 x FD House, 3 x PD Houses due to heavy rains.</p> <p><b><u>District DI Khan.</u></b> 1 x Death, 2 x Injured, 5 x FD Houses, 17 x PD Houses and 14 x Cattle Lost due to heavy rain induced flash flood.</p> <p><b><u>District Kohistan.</u></b> Flash flood occurred last night which blocked KKH at Uchar, however KKH was re-opened by 0930 hours today. Details to follow.</p>
d.	Punjab	<p><b><u>District Muzaffargarh.</u></b> 1 x Injured, 1 x PD House due to heavy rains.</p> <p><b><u>District Chiniot.</u></b> 2 x Deaths, 1 x PD House due to heavy rains.</p> <p><b><u>District Jhang.</u></b> 2 x Injured, 2 x PD Houses due to heavy rains.</p> <p><b><u>District Multan.</u></b> 1 x Death, 1 x PD House due to heavy rains.</p> <p><b><u>District Layyah.</u></b> 1 x Death, 1 x Injured, 1 x PD House due to heavy rains.</p> <p><b><u>District Lahore.</u></b> 1 x PD House due to heavy rains.</p> <p><b><u>District Sheikhpura.</u></b> 2 x Injured, 1 x PD House due to heavy rains.</p> <p><b><u>District Faisalabad.</u></b> 1 x Injured, 1 x PD House due to heavy rains.</p> <p><b><u>District Bahawalpur.</u></b> 2 x Injured, 2 x PD Houses due to heavy rains.</p>
e.	Sindh	<b>NTR</b>
f.	Gilgit Baltistan	<p><b><u>District Gilgit.</u></b> Flash flooding reported at Jutal, Sultanabad, Bagrote, Oshkhandas, Baseen, Sakarkoi, Nomal and Naltar. Minor landslides reported on KKH and blocked from Jutal to Guru Juglote. No loss of life reported. However, 42 x Houses PD.</p> <p><b><u>District Ghizer.</u></b> Rains / flash flooding reported across District. Sherqilla Village flooded due to nullah overflow, flooding adopted same route as 5 Jul incident. Furthermore, Ghizer-Shandur Rd blocked due to flooding.</p>
g.	AJ&K	<b>NTR</b>

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	39	29	32	100	42	04	11	57
Khyber Pakhtunkhwa	16	15	31	62	17	21	18	56
Punjab	45	02	17	64	82	41	21	144
Sindh	29	04	37	70	12	07	08	27
Gilgit Baltistan	01	04	03	08	03	-	-	03
AJ&K	04	01	-	05	04	04	-	08
<b>TOTAL</b>	<b>135</b>	<b>55</b>	<b>120</b>	<b>310</b>	<b>160</b>	<b>77</b>	<b>58</b>	<b>295</b>

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

Prov / State	Road	Bridge	Shop	Houses			Livestock
				PD	FD	TOTAL	
ICT	-	-	-	-	-	-	-
Balochistan	580 km	11	-	2987	3065	6052	712
Khyber Pakhtunkhwa	6.5 km	4*	-	1998	445	2443	222
Punjab	-	-	-	44	1	45	12
Sindh	2 km	-	-	82	83	165	21
GB	2 km	33*	-	215	-	215	-
AJ&K	-	-	5	04	54	58	741
<b>TOTAL</b>	<b>590.5 km</b>	<b>48</b>	<b>5</b>	<b>5331</b>	<b>3648</b>	<b>8979</b>	<b>1708</b>

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

\*Includes 21 x Foot Bridges.

c. **Relief Activities.** NTRd. **Relief Camps Established.** NTRe. **Rehabilitation Activities.**

(1) **District Ghizer.** Rehabilitation activities underway including re-channelization of Sherqilla Nullah and restoration of Ghizer-Shandur Road.

(2) **District Gilgit.** Machinery deployed to re-open KKH from Jutal to Guru Juglote.

f. **Rescue Activities.** NTRg. **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	1507.19	3.542	42.81	2.34
b.	Mangla	1,242.00	7.356	1136.60	1.286	105.4	6.07
c.	Chashma	649.00	0.278	643.00	0.078	6	0.2
<b>Total Storage</b>		-		<b>13.516 (MAF)</b>			
<b>Total Storage till 23 July 2022</b>		-		<b>4.096 (MAF)</b>			
<b>Remaining Storage</b>		-		<b>9.420 (MAF)</b>			

Source: Federal Flood Commission

5. **Weather Forecast for Next 24 Hours by PMD.** **FAIRLY WIDESPREAD thunderstorms / rain with HEAVY TO VERY HEAVY Falls** at scattered places expected over Sindh, Eastern and Coastal Balochistan along with DG Khan Division. Scattered thunderstorm/rain **with isolated heavy falls** expected over the Upper Catchments of all the Major Rivers along with Peshawar, Kohat, Bannu, DI Khan, Rawalpindi, Sargodha, Gujranwala, Multan & Bahawalpur Divisions. Isolated thunderstorm/rain is also expected over Lahore, Faisalabad & Sahiwal Divisions.
6. **Rainfall Last 24 Hours.** Attached as **Annex B.**
7. **Weather Alert / Advisory / Press Release.** Pakistan Meteorological Department (PMD) has issued a forecast informing that strong Monsoon currents affecting Upper Parts of the Country is likely to enter Sindh & Northeast / Eastern Balochistan from **22 / 23 July**. Under the influence of this system and possible interaction of moist currents from the North Arabian Sea, following is expected: -
- Balochistan.** Widespread rain-wind/ thunderstorms with **scattered heavy to very heavy falls** are likely to occur in Districts Barkhan, Hub, Sibbi, Jaffarabad, Jhalmagsi, Khuzdar, Kohlu, Lasbela, Naseerabad, Qila Saifullah and along the Kirthar Range **from 24 – 26 July (Sunday-Tuesday).**
  - Sindh.** Widespread rain-wind/ thunderstorms with **scattered heavy to very heavy falls** are likely to occur in Districts Dadu, Qambar-Shahdadkot and Jamshoro **from 23 – 26 July (Saturday-Tuesday).**
8. **Flood Warning / Alert.** **Medium To High Level Flooding** is still expected in the Hill Torrents of D.G Khan Division during next 24-hours. **Heavy to Very Heavy Rains** may generate **URBAN FLOODING** in Karachi, Hyderabad, Thatta, Badin, Shaheed Benazirabad, Jamshoro, Mirpurkhas, Dadu, Umerkot, Jacobabad, Larkana and Sukkur **from 24-26 July 2022 (Sunday-Tuesday).** **FLASH FLOODING** is also expected in local Nullahs of Loralai, Barkhan, Kohlu, Musakhel, Sherani, Sibbi and Bolan **from 24-26 July 2022 (Sunday-Tuesday).**
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).

  
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**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	224.0	138.3	225-240	Below Low
	Kalabagh	150.3	146.3	No significant change	-do-
	Chashma	253.2	242.8	220-250	Low
	Taunsa	213.9	202.6	240-280	-do-
	Guddu	209.6	188.2	210-240	-do-
	Sukkur	134.6	111.2	140-160	Below Low
	Kotri	99.5	78.7	No significant change	-do-
KABUL	Nowshera	55.5	55.5	50-60	Low
JHELUM	Mangla	31.0	12.7	30-60	Below Low
	Rasul	7.1	0.0	No significant change	-do-
CHENAB	Marala	94.7	85.7	80-100	Low
	Khanki	124.6	119.0	90-120	-do-
	Qadirabad	134.2	115.2	100-130	-do-
	Trimmu	57.5	47.2	No significant change	Below Low
	Punjnad	39.4	32.3	-do-	-do-
RAVI	Jassar	20.9	20.9	20-30	-do-
	Shahdara	8.9	8.9	10-20	-do-
	Balloki	46.1	24.7	45-50	Low
	Sidhnai	16.9	14.1	No significant change	Below Low
SUTLEJ	G.S.Wala	2.8	2.8	-do-	-do-
	Sulemanki	21.4	14.9	-do-	-do-
	Islam	12.9	12.5	-do-	-do-

R= Rising & F= Falling

**Note.** All data in Thousands of Cusecs

**SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS**

Stations	Rainfall (mm)
<b>Sindh</b>	
Islamkot	127
Tando Jam	55
Sakrand	40
Hyderabad	38
Chachro	31
Kaloi	30
Badin	26
Mithi, Diplo	22
Mirpurkhas	14
Sukkur, Nagarparkar	10
Thatta	06
Karachi	Quaidabad 05, Saddar 04, Korangi, Gulshan-e-hadid 03, A/P old area, DHA phase ,Orangi town, Faisal base Masroor base, university road 02, Kemari , City, Jinnah terminal , North Karachi 01.
Dahli	05
Shaheed Benazirabad, Padidan	04
Khairpur	03
Larkana	01
Jaccobabad, Rohri	Trace
<b>Kashmir</b>	
Bandi Abbaspur	109
Haraman	92
Muzaffarabad	(AP 21, City 11)
Rawalakot	21
Chattar Kalas	14
Chakothe	12
Garhi dupatta	08
<b>Khyber-Pakhtunkhwa</b>	
Bajaur	(Pashat 56)
D.I.Khan	(City 36, AP Trace)
Balakot	25
Dir	(Upper 25, Lower 09)
Chitral	14
Kalam	13
Mohmand	(Mamad Gut 11, Ghalanai 08)
Buner, Mohmand Dam	10
Kakul, Pattan	07
Drosh, Saidu Sharif	05
Malamjabba	04
Cherat	03
Landi Kotal, Khyber	01
Peshawar	(A/P, City Trace)

<b>Balochistan</b>	
Zhob	51
Sibbi	18
Lasbella	13
Kalat	08
Quetta	(City 07, Samungli Trace)
Barkhan	07
Kohlu	06
Dalbandin, Mastung, Muslim Bagh	03
Khuzdar, Loralai	02
Pasni, Pashin	Trace
<b>Punjab</b>	
Layyah	47
Islamabad	(Z.P 37, AP 21, Golra 08 & Saidpur 03)
Rawalpindi	(Shamsabad 43 & Chaklala 33)
Jhang	38
Khanpur	31
Bahawalpur	(City 28, A/P 22)
Kot Addu	25
D.G. Khan	( Fort Munro 44, City 36, Vehova 22, Zain Sangarh Nullah 21, Bhandu wala 10)
Sargodha	21
T.T. Singh	19
Multan	( City 18, AP 01)
Kasur	17
Lahore	(City 12., AP 11)
Chakwal	12
Bahawalnagar	10
Gujranwala	08
Okara	07
Sialkot	(City 06, AP 05)
R.Y. Khan	06
Mangla, Sahiwal	04
Jhelum, Murree	03
Gujrat, Joharabad	02
Hafizabad, Narowal	01
Bhakkar, Faisalabad, Khanewal, M.B.Din	Trace
<b>Gilgit-Baltistan</b>	
Bagrote	11
Gilgit	07
Gupis	05
Babusar, Hunza	02
Astore	Trace