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



Dated: 22 July 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 038**

NDMA Monsoon 2022 Daily Situation Report No 038, covering period from 1300 hours on 21 July 2022 to 1300 hours 22 July 2022 is enclosed for information /necessary action, please.

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- 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
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 Director (SOF & Marines), Naval Headquarters, Islamabad
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 Director (Media & IT), NDMA
 to Chairman, NDMA



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



MONSOON 2022 DAILY SITUATION REPORT NO – 038
(Period Covered: 1300 hrs 21 July 2022 – 1300 hrs 22 July 2022)

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

Ser	Province/ Rgn	Daily Incident
a.	AJK	NTR
b.	Khyber Pakhtunkhwa	<p><u>District Peshawar.</u> 05x houses partially damaged and 01x child injured.</p> <p><u>District Nowshera.</u> 01x house partially damaged resulting into 01x female, 02x children injured.</p> <p><u>District Mohmand.</u> 01x house partially damaged in Tehsil Ekkaghund.</p> <p><u>District Buner.</u> 01x house partially damaged.</p> <p><u>District North Waziristan.</u> 01x house partially damaged, resulting into 01x female died, 01x female and 01 child injured in Tehsil Datta Khel.</p> <p><u>District Hangu.</u> 01x house partially damaged.</p> <p><u>District Lakki Marwat.</u> 01x male and 01x child died.</p> <p><u>District Banu.</u> 01x male died</p>
c.	Balochistan	NTR
d.	Punjab	<p><u>District Faisalabad.</u> 01x house partially damaged resulting injury to 01x female.</p> <p><u>District Jhang.</u> 01x house partially damaged resulting injury to 02x female.</p> <p><u>District Lahore.</u></p> <ul style="list-style-type: none"> • 01x house partially damaged resulting death of 01x male and 01x child. • 01x house partially damaged resulting death of 02x male. <p><u>District Sheikhpura.</u></p> <ul style="list-style-type: none"> • 01x house partially damaged resulting injuries to 02x male and 02x children. • 01x house partially damaged resulting injuries to 01x male. <p><u>District Gujrat.</u></p> <ul style="list-style-type: none"> • 01x house partially damaged as a result 02x female died, 02x child, 01x male and 01x female got injured. • 01x house partially damaged due to which 10x cattle

		perished. District Mianwali. 03x male and 01x female died due to drowning in hill torrent water.
e.	Sindh	NTR
f.	ICT	NTR
g.	GB	NTR

2. **Cumulative Damages/ Relief Activities (14 June to date)**

a. **Summary of Casualty – Injured/ Death**

Province	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	04	01	-	05	04	04	-	08
Bln	39	28	32	99	42	4	11	57
GB	01	04	03	08	03	-	-	03
ICT	01	-	-	01	-	-	-	-
KP*	28	05	27	60	13	19	17	49
Punjab	42	02	15	65	43	28	07	78
Sindh	29	05	37	74	12	07	08	27
Total	144	54	114	312	117	62	43	222

Reference: Latest Provincial Sitreps.

Note: * Data is being reconciled.

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

Province/ Rgn Wise	Road	Bridges	Shops	Houses		Livestock
				PD	FD	
AJ&K	-	-	05	04	54	741
Balochistan	580km	11	-	1417	2536	706
GB	2 km	33*	-	173	-	-
ICT	-	-	-	-	-	-
KP	6.5km	-	-	1749	406	186
Punjab	-	-	-	15	1	10
Sindh	2 km	-	-	78*	83	21
Total	590.5km	44	05	3,436	3,080	1,664
				6,516		

Note: PD: Partially Damaged, FD: Fully Damaged

*PDMA Sindh conducted fresh damage assessment (1st June – 21 July) and furnished consolidated report.

* Including 18x foot bridges.

- c. **Relief Activities.** PDMA Balochistan dispatched 50x tents, 200x tarpaulins, 200x plastic mats, 250x quilts, 200x mosquito nets, 200x gas cylinders (10 kg) and 1100x food packs to District Panjgure and Quetta.
- d. **Relief Camps Established.** NTR
- e. **Rehabilitation Activities.** NTR
- f. **Rescue Activities.** NTR
- 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	1501.3	3.255	48.69	2.725
b.	Mangla	1,242.00	7.356	1134.1	1.203	107.9	6.153
c.	Chashma	649.00	0.278	644.40	0.110	4.6	0.168
Total Storage		-		13.516 (MAF)			
Total Storage till 22 July, 2022		-		4.568 (MAF)			
Remaining Storage		-		9.046 (MAF)			

Reference: 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 Rivers Sutlej, Ravi & Chenab, East Balochistan, Southeast Sindh along with D.I Khan, Kohat, Bannu, Multan, D.G Khan & Bahawalpur Divisions. Isolated thunderstorm/rain of moderate intensity is expected over the upper catchments of Rivers Indus & Jhelum, South Sindh, Islamabad along with Peshawar, Rawalpindi, Sargodha, Gujranwala, Lahore, Faisalabad & Sahiwal Divisions.

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

7. **Weather Advisory / Press Release**. In response to PMD Weather Forecast, NDMA has issued weather advisory to all concerned on 19th July 2022, that strong monsoon currents are likely to penetrate Upper & Central parts of the Country from 20 July (Wednesday) and likely to spread to other parts of the Country from 21 July (Thursday), under the influence of this system, following is expected: -

- a. **Islamabad Capital Territory** More rain-wind / thundershowers with scattered heavy falls expected in Islamabad with occasional gaps from 20-26 July (Wednesday-Tuesday).
- b. **Balochistan** More rain-wind / thundershowers with few heavy falls expected in Barkhan, Bolan, Jaffarabad, Kalat, Khuzdar, Kohlu, Lasbela, Naseerabad, Sibbi, Zhob and Ziarat from 22-26 July (Friday-Tuesday).
- c. **Khyber Pakhtunkhwa** More rain-wind / thundershowers with scattered heavy falls expected in Abbottabad, Haripur, Kohat, Kohistan, Kurram, Mansehra, Mardan, Peshawar, Swabi and Swat with occasional gaps from 20-26 July (Wednesday-Tuesday).
- d. **Punjab** More rain-wind / thundershowers with scattered heavy falls expected in

Attock, Chakwal, Faisalabad, Gujranwala, Gujrat, Hafizabad, Jhang, Jhelum, Khushab, Lahore, Mandi Bahauddin, Mianwali, Murree, Narowal, Rawalpindi, Sargodha, Sheikhpura and Sialkot with occasional gaps from 20-26 July (Wednesday- Tuesday).

- e. **Sindh** More rain-wind / thundershowers with few heavy falls expected in ALL DISTRICTS OF SINDH from 24-26 July (Sunday-Tuesday).
- f. **Gilgit Baltistan** More rain-wind / thundershowers with scattered heavy falls expected in Gilgit Baltistan with occasional gaps from 20-26 July (Wednesday-Tuesday).
- g. **Azad Jammu & Kashmir** More rain-wind / thundershowers with scattered heavy falls expected in AJ&K with occasional gaps from 20-26 July (Wednesday-Tuesday).
8. Daily Flood / Base Flow Data Obtained from India.

Ser	Dam	Full Reservoir Level	Live Storage Capacity at FRL (MAF)	Current Live Storage (MAF) 14-07-2022	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	1.084	1573.4	41541	28459
b.	Pong Dam River Beas	1390	4.991	0.782	1308.15	27382	5010
c.	Thein Dam River Ravi	1732	1.900	0.702	1658.71	Not Available	Not Available

Reference: Ministry of Water Resources, Office of PCIW report dated 15 July, 2022.


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RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION

Rivers	Station	Design Capacity	Actual Observed Flow		Forecast for Next 24 hrs (Inflow)	Forecasted Flood Level (Inflow)	Danger Level (V. High Flood)
			Inflow	Outflow			
River Indus	Tarbela	1,500	209.0	158.3	210-240	Below Low	650
	Kalabagh	950	180.7	175.2	No significant change	-do-	650
	Chashma	1,000	213.6	200.0	-do-	-do-	650
	Taunsa	1,000	190.2	169.9	-do-	-do-	650
	Guddu	1,200	170.2	143.4	-do-	-do-	700
	Sukkur	900	157.7	125.0	-do-	-do-	700
	Kotri	875	97.2	63.7	-do-	-do-	650
River Kabul	Nowshera	540	54.5	54.5	50-65	Low	200
River Jhelum	Mangla	1,060	34.0	10.5	30-50	Below Low	225
	Rasul	850	14.2	0.0	No significant change	-do-	225
River Chenab	Marala	1,100	94.6	85.7	75-95	-do-	400
	Khanki	1,100	71.9	66.3	90-130	Low	400
	Qadirabad	900	77.2	55.2	80-120	-do-	400
	Trimmu	875	32.6	20.6	No significant change	Below Low	450
	Punjnad	865	39.4	33.7	-do-	-do-	450
River Ravi	Jassar	275	7.8	7.8	07-15	-do-	150
	Shahdara	250	20.6	20.6	No significant change	-do-	135
	Balloki	380	42.2	16.9	42-50	Low	135
	Sidhnai	150	17.9	12.9	No significant change	Below Low	90
River Sutlej	G.S. Wala	-	2.8	2.8	-do-	-do-	50
	Sulemanki	325	18.1	12.3	-do-	-do-	175
	Islam	300	12.2	11.8	-do-	-do-	175

Note. All data in Thousands of Cusecs

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS

Stations	Rainfall (mm)
Punjab	
Hafizabad	120
Khanewal	66
Kasur	61
Lahore	AP 50, City 08
Karor Layyah	43
Islamabad	AP 42, Bokra 39, PMD 26, Saidpur 19, Golra 16
Sialkot	City 35, AP 25
Rawalpindi	Chaklala 33, Shamsabad 25
Multan	AP 32, City 13
Bhakkar	32
Sargodha	31
D.G khan	City 25, Fort Munro 10, Bhandu wala 01
Narowal	24
Gujranwala	22
Murree	20
Mangla	18
Khanpur	16
Noorpur Thal	15
Gujrat	13
Joharabad	08
Bahawalpur (A/P), T.T Singh	07
Attock	03
Bahawalnagar, Sahiwal	01
Chakwal	Trace
Sindh	
Moenjodaro	58
Rohri	35
Larkana	22
Sakrand, Sukkur	03
Shaheed Benazirabad,	02
Karachi	Gulshan e Hadeed 02, Korangi 01, MOS, Jinnah Terminal A/P, Faisal Base, University Road, Kemari, Qaida e bad, Saadi town, DHA phase II, Nazimabad, North Karachi Trace
Khyber-Pakhtunkhwa	
Tahkt Bhai	42
Peshawar	38
Bannu	34
D.I khan	AP 13, City 11
Bacha Khan (A/P)	29
Buner	13
Malamjabba	06

Ghalanai, Mohmand Dam	03
Kakul,	01
Balakot, Cherat, Mamad Gut	Trace
Kashmir	
Kotli	08
Garhidupatta, Bandi Abbaspur	06
Chakothe	04
Rawalakot	02
Muzaffarabad	AP Trace
Balochistan	
Sibbi	04
Loralai	03
Landi kotal	01
Dalbandin	Trace
Gilgit-Baltistan	
NIL	