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



Dated: 18th June 2022

Subject: **NDMA Pre-Monsoon 2022 Daily Situation Report No 004**

NDMA Pre-Monsoon 2022 Daily Situation Report No 004 covering period from 1300 hours on 17 June 2022 to 1300 hours 18 June 2022 is enclosed for information / necessary action, please.

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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: 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
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APS to Member (A&F), NDMA
APS to Member (DRR), NDMA
Director (Logistics), NDMA
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**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
Islamabad**



Pre-MONSOON 2022 DAILY SITUATION REPORT NO – 004
(Period Covered: 1300 hrs 17 June 2022 – 1300 hrs 18 June 2022)

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

Ser	Province /Rgn	Daily Incident
a.	AJK	Following damages have been reported due to heavy rain AJK on 17 June 2022 <ul style="list-style-type: none"> • 1 x Person died • 46 x houses fully damaged
b.	Khyber Pakhtunkhwa	NTR
c.	Punjab	
d.	Sindh	
e.	Gilgit Baltistan	
f.	ICT	

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

a. **Summary of Casualty – Injured/ Death (14 June to date)**

Province / Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	1	-	-	-	1	-	-	-
Balochistan	-	-	-	-	07	-	-	07
GB	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-
Total	-	-	-	1	08	-	-	08

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Houses		Power Houses
					PD	FD	
AJ&K	-	-	-	-	13	33	-
Balochistan	-	-	-	-	-	-	-
GB	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-
Total	-	-	-	-	13	33	-

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

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Houses		Power Houses
					PD	FD	
AJ&K	-	-	1	-	13	33	-
Balochistan	1 km	02	-	-	04	-	-
GB	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-
Total	1km	02	1	-	17	33	-

Note: PD: Partially Damaged, FD: Fully Damaged

- c. **Relief Activities**. NTR.
3. **Flood Relief Activities**
- a. **Relief Camps Established**. NTR.
- b. **Rescue Activities**. NTR.
- c. **Aviation Activities**. NTR.
5. **River Discharges**. All the Major Rivers are flowing below "Flood Limits". Details of river discharges are attached as ***Annex A***.
6. **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	1398.05	0.029	152	5.882
b.	Mangla	1,242.00	7.356	1050.00	0.102	169	7.259
c.	Chashma	649.00	0.278	638.90	0.002	11	0.278
Total Storage		-		13.516 (MAF)			
Total Storage till 18 June, 2022		-		0.133 (MAF)			
Remaining Storage		-		13.419 (MAF)			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD.**

Scattered thunderstorm/ rain of moderate intensity is expected over the upper catchments of all the Major Rivers along with Rawalpindi, Bahawalpur and DG Khan Divisions. Isolated thunderstorm/ rain of moderate intensity is expected over the rest of Punjab along with Peshawar, Kohat, Bannu and D.I Khan Divisions.

8. **Rainfall Last 24 Hours**. Attached as ***Annex B***
9. **Weather Advisory / Press Release.**

In response to PMD Weather Forecast, NDMA has issued weather advisory to all concerned on 14 June, that pre-monsoon rains / thunderstorms are expected from **Wednesday, 15 June (evening / night)**. Under the influence of this system the following weather is forecasted: -

- a. **Islamabad**. Rain-wind / thundershowers are expected from **Thursday, 16 June – Tuesday, 21 June**. Furthermore, **Heavy Falls are expected on Thursday, 16 June (evening / night) and Friday, 17 June which may generate Urban Flooding**.
 - b. **Balochistan**. Rain-wind / thundershowers **with isolated heavy falls** are expected in Sibbi, Bolan, Naseerabad, Jhalmagsi, Mastung, Barkhan, Ziarat, Quetta, Kalat, Khuzdar, Chaman and Harnai **from Friday, 17 June (evening / night) – Monday, 20 June**.
 - c. **Khyber Pakhtunkhwa**. Rain-wind / thundershowers **with isolated heavy falls** expected in Abbottabad, Bannu, Chitral, Dera Ismail Khan, Dir, Haripur, Kohat, Kohistan, Kurram, Lakki Marwat, Mansehra, Nowshera, Peshawar, Swabi, Swat and Waziristan from **Wednesday, 15 June – Wednesday, 22 June (with occasional gaps)**.
 - d. **Punjab**. Rain-wind / thundershowers are expected in Attock, Rawalpindi, Murree, Chakwal, Jhelum, Mianwali, Sargodha, Khushab, Hafizabad, Mandibahauddin, Sialkot, Narowal, Lahore, Sheikhupura, Faisalabad, Toba Tek Singh from **Thursday, 16 June – Tuesday, 21 June**. Furthermore, rain-wind / thundershowers are also expected in Multan, Dera Ghazi Khan, Rajanpur, Bhakkar, Layyah, Muzaffargarh, Kot Adu, Sahiwal, Khanewal, Pakpattan, Okara, Bahawalnagar, Bahawalpur, Khanpur and Rahim Yar Khan from **Friday, 17 June – Monday, 20 June (with occasional gaps)**. Furthermore, **Heavy Falls are expected in Rawalpindi, Jhelum, Gujranwala, Sialkot, Lahore, Kasur and Sheikhupura on Thursday, 16 June (evening / night) and Friday, 17 June that may generation Urban Flooding**.
 - e. **Sindh**. Hot and dry weather in most parts of the Province with chances of dust-thunderstorms / rain in Sukkur, Jacobabad and Larkana **Azad Jammu & Kashmir**. Rain-wind / thundershowers **with a few heavy falls** expected in Bagh, Bhimber, Hattian, Haveli, Kotli, Mirpur, Muzaffarabad & Neelum Valley from **Wednesday, 15 June (evening / night) – Thursday, 23 June** from **Friday, 17 June (evening / night) – Sunday, 19 June**.
 - f. **Gilgit-Baltistan**. Rain-wind / thundershowers **with a few heavy falls** expected in Astore, Diamer, Ghizer, Gilgit, Hunza & Skardu from **Wednesday, 15 June (evening / night) – Thursday, 23 June**.
9. **Flood Warning / Alert**. NTR.
 10. **Daily Flood / Base Flow Data Obtained from India**. NTR.



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Annex A

To NDMA SITREP No-004

Dated 17 June, 2022

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	121.9	123.0	125-145	Below Low	650
	Kalabagh	950	83.6	79.1	No significant change	-do-	650
	Chashma	1,000	113.6	109.1	-do-	-do-	650
	Taunsa	1,000	96.1	86.7	-do-	-do-	650
	Guddu	1,200	65.5	55.3	-do-	-do-	700
	Sukkur	900	42.1	16.6	-do-	-do-	700
	Kotri	875	10.3	0.1	-do-	-do-	650
River Kabul	Nowshera	540	22.8	22.8	25-35	-do-	200
River Jhelum	Mangla	1,060	27.0	29.2	30-50	-do-	225
	Rasul	850	13.3	11.9	No significant change	-do-	225
River Chenab	Marala	1,100	35.5	25.6	35-50	-do-	400
	Khanki	1,100	29.9	24.9	No significant change	-do-	400
	Qadirabad	900	27.4	5.4	-do-	-do-	400
	Trimmu	875	16.0	1.4	-do-	-do-	450
	Panjnad	865	3.5	0.0	-do-	-do-	450
River Ravi	Jassar	275	3.9	0.0	03-05	-do-	150
	Shahdara	250	0.3	0.0	No significant change	-do-	135
	Balloki	380	14.5	0.0	-do-	-do-	135
	Sidhnai	150	11.3	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	6.2	0.0	-do-	-do-	175
	Islam	300	0.4	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Punjab	
Lahore	(Airport 95, City 40, Gulshan-e-Ravi 38, Gulberg 37, Lakshmi Chowk 32, Samanabad, Johar Town 31, Nishtar Town 29, Tajpura 27, Chowk Nakhuda 24, Iqbal Town 23, Mughalpur 20, Shahi Qila 18, Upper Mall 17 & Farrukhabad 13)
T.T.Singh	76
Faisalabad	54
Jhang	34
Bhakkar	29
Okara	28
Bahawalnagar	18
Bahawalpur	(AP 20 & City 15)
Multan	(AP 20 & City 14)
Layyah	17
Kasur	16
D.G.Khan	(Fort Munro 13 & Vehova 02)
Sahiwal	12
Gujranwala	07
R.Y.Khan & Kot Addu	06
Khanewal	05
Khanpur	03
Islamabad	(Golra 03, Bokra 01 & ZP Trace)
Rawalpindi (Chaklala)	01
Sialkot	02
Kashmir	
Garhidupatta	42
Chattar Kalas	27
Muzaffarabad	(AP 07 & City 03)
Chakothe & Haraman	06
Dhulli	01
Khyber –Pakhtunkhwa	
Malam Jabba	32
Lower Dir	12
Balakot	12
Saidu Sharif	11
Buner & Pashat-Bajaur	08
D I Khan	(City 06 & Airport 05)
Khaar-Bajaur	04
Mamad Gut	02
Pattan & Kakul	01
Balochistan	
Barkhan	21
Zhob	12
Sibbi	03
Gilgit-Baltistan	
Bagrote	04
Astore & Gilgit	03
Shisper Glacier	02
Sindh	
Karachi	Trace