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



Dated: 01 July 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 017**

NDMA Monsoon 2022 Daily Situation Report No 017 covering period from 1300 hours on 30 June 2022 to 1300 hours 01 July 2022 is enclosed for information / necessary action, please.

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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

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



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Islamabad**



MONSOON 2022 DAILY SITUATION REPORT NO – 017
(Period Covered: 1300 hrs 30 June 2022 – 1300 hrs 01 July 2022)

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

Ser	Province /Rgn	Daily Incident
a.	ICT	NTR
b.	Balochistan	On 30 June, due to Monsoon Thunder Lightning following incidents were reported in the area of Tambo, District Kohlu: <ul style="list-style-type: none"> • 02x Persons died • 06x Persons got injured • 02x Animals died • 01x house Partially damaged
c.	Khyber Pakhtunkhwa	NTR
d.	Punjab	
e.	Sindh	
f.	Gilgit Baltistan	
g.	AJ&K	

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	02	-	-	02	01	-	-	01
Balochistan	04	09	01	14	19	09	06	24
GB	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	05	02	06	13	06	09	05	20
Punjab	-	-	-	-	-	-	-	-
Sindh	02		06	08	-	02	03	05
Total	13	11	13	37	26	20	14	60

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

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Houses		Lives Stock
					PD	FD	
AJ&K	-	-	01	-	01	52	730
Balochistan	1km	05	-	-	16	02	368
GB	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-
KP	-	-	-	-	215	53	139
Punjab	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-
Total	1km	05	01	0	232	107	1,237

Note: PD: Partially Damaged, FD: Fully Damaged

- c. **Relief Activities.** NTR.
 - a. **Relief Camps Established.** NTR.
 - b. **Rescue Activities.** NTR.
 - c. **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	1405.87	0.065	145	4.817
b.	Mangla	1,242.00	7.356	1098.80	0.336	144	7.02
c.	Chashma	649.00	0.278	639.40	0.016	10	0.262
Total Storage		-		13.516	(MAF)		
Total Storage till 01 July, 2022		-		0.417	(MAF)		
Remaining Storage		-		12.099	(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 all the Major Rivers along with Rawalpindi, Gujranwala, Sargodha, Lahore & Faisalabad Divisions along with Southeast Sindh. Isolated thunderstorm/rain is also expected in Sahiwal, Bahawalpur & DG Khan Divisions along with East Balochistan and South Sindh.
6. **Rainfall Last 24 Hours.** Attached as Annex B
7. **Weather Advisory / Press Release.** Pakistan Meteorological Department (PMD) has issued a weather advisory informing that monsoon rains have started in parts of Khyber Pakhtunkhwa, NE Punjab and AJ&K with more thundershowers / rains with isolated heavy falls expected in these parts. Furthermore, **strong monsoon currents are likely to enter SE Balochistan & Sindh from tomorrow which will result in heavy to very heavy rainfalls**; details enclosed at **Annex-C**. All concerned Federal Ministries / Departments, respective Provincial Governments, their line departments including PIDs / PDMA's / GBDMA / SDMA, District Administrations / DDMA's, Municipal Administrations and City Administration of major metropolis are advised to ensure following: -
- a. All civic agencies / rescue services (Rescue 1122 / Fire Brigade / Ambulance / Civil Defence) to remain alert and ensure availability of personnel and equipment during the forecasted period, especially in at-risk urban areas in Sindh and Balochistan.

- b. Provision of POL for back-up generators at water pumping stations and timely pre-placement of de-watering pumps to respond to urban flooding in main cities as highlighted in PMD advisory especially Karachi, Hyderabad, Gwadar and Khuzdar.
 - c. Mass awareness campaign for general public on urban flooding and associated risks in vulnerable areas on following aspects: -
 - 1) Avoid unnecessary movement in such areas.
 - 2) Risk and consequent danger of submerging of vehicles in such inundated low-lying areas.
 - 3) Alerting masses living in low-lying areas to exercise extra caution including community-based alert system.
 - 4) Risk of electrocution during heavy rainfall/urban flooding in major metropolises.
 - 5) Evacuation plan of at-risk communities and its timely evacuation.
 - d. Alerting / enforcement of movement of vehicles in areas / nullahs prone to flash floods in Balochistan.
 - e. LEAs along with Traffic police to advise travelers regarding likely situations / dangers of waterlogged areas and underpasses.
 - f. Coordinate with concerned departments for clearance of roads in case of any blockage / obstruction / closures waterlogging and preplacing of necessary emergency equipment at vulnerable / strategic locations.
 - g. Billboards and hoardings are secured from effects of windstorms/ thundershowers.
 - h. Local Administration / Police / Rescue Services to alert population residing in low lying areas.
 - i. Fishermen of Sindh and Balochistan are advised not to venture out in open sea during the forecast period.
 - j. In case of any eventuality, twice-daily updates be shared with NDMA
8. **Flood Warning / Alert**. Heavy rain falls may generate urban flooding in Islamabad, Rawalpindi, Lahore, Gujranwala, Sialkot, and Faisalabad from 2nd to 4th July & in Karachi and Hyderabad from 3rd to 5th July. Likewise, Heavy rain falls may generate flash flooding in local Nullahs/Rivers of Barkhan, Zhob, Sibbi, Panjgur, Kohlu, Naseerabad, Nagarparkar and Dadu. Similarly, Heavy downpour of water may cause urban flooding in Karachi, Hyderabad, Thatta, Badin, Khuzdar, Ormara, Pasni and Gawadar during the forecast period.

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

Ser	Name of Dam	Full Reservoir level	Live storage Capacity at FRL (MAF)	Current live Storage (MAF) 30-06-2022	Current level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	0.993	1554.14	33511	26013
b.	Pong Dam River Beas	1390	4.991	0.620	1295.27	30769	5948
c.	Thein Dam River Ravi	1732	1.900	0.622	1649.52	Not Available	Not Available

Reference: Ministry of Water Resources, Office of PCIW report dated 01 July, 2022

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Annex A

To NDMA SITREP No-017

Dated 01 July, 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	160.0	124.1	170-200	Below Low	650
	Kalabagh	950	122.4	119.4	No significant change	-do-	650
	Chashma	1,000	167.6	164.6	-do-	-do-	650
	Taunsa	1,000	97.7	95.5	-do-	-do-	650
	Guddu	1,200	81.7	64.1	-do-	-do-	700
	Sukkur	900	59.0	24.4	-do-	-do-	700
	Kotri	875	16.3	0.2	-do-	-do-	650
River Kabul	Nowshera	540	33.8	33.8	-do-	-do-	200
River Jhelum	Mangla	1,060	44.0	36.7	40-70	-do-	225
	Rasul	850	33.6	11.9	No significant change	-do-	225
River Chenab	Marala	1,100	73.2	55.2	60-80	-do-	400
	Khanki	1,100	46.6	40.6	45-60	-do-	400
	Qadirabad	900	58.2	36.2	50-60	-do-	400
	Trimmu	875	17.2	0.0	No significant change	-do-	450
	Punjnad	865	10.6	0.0	-do-	-do-	450
River Ravi	Jassar	275	2.6	2.6	2-7	-do-	150
	Shahdara	250	0.3	0.3	No significant change	-do-	135
	Balloki	380	16.5	0.0	-do-	-do-	135
	Sidhnai	150	10.9	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	10.2	0.0	-do-	-do-	175
	Islam	300	0.5	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs

Annex B

To NDMA SITREP No-017

Dated 01 July, 2022

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Azad Jamu & Kashmir	
Bandi Abbaspur	66
Muzaffarabad	A/P 33 & City 24
Chattar Kalas	23
Kotli	20
Garhi Dupatta & Hajira	19
Haraman & Tandali	02
Punjab	
Islamabad	Saidpur 32, Bokra 28, Zero Point, A/P 11 & Golra 07,
Jhelum	27
Murree	21
Mangla	18
Rawalpindi	Chaklala 13 & Shamsabad 12
Gujranwala	07
Sialkot	City 06 & A/P Trace
Gujrat	05
Mandi Bahaudin	03
Narowal	02
Lahore (City & A/P) & Hafizabad	Trace
Khyber –Pakhtunkhwa	
Malam Jabba	14
Kakul	09
Rawalakot	08
Balakot	06
Buner	04
Takht Bai	Trace
Sindh	
	Nil
Balochistan	
	Nil
Gilgit-Baltistan	
	Nil

TORRENTIAL RAINS LIKELY IN SINDH AND BALOCHISTAN

Pakistan Meteorological Department (PMD) has informed that strong monsoon currents are likely to enter Southeastern Balochistan and Sindh from tomorrow (Saturday, 2 July 2022), under influence of this system following is expected: -

Balochistan

- Rain-thundershowers with heavy to very heavy falls expected in Awaran, Barkhan, Khuzdar, Kohlu, Lasbela, Naseerabad and Panjgur from 2-5 July 2022 (Saturday to Tuesday).
- Rain-thunderstorms with a few heavy falls expected in Dalbandin, Gwadar, Kalat, Mastung, Nokkundi, Nushki, Ormara, Pasni, Qila Saifullah, Quetta and Zhob during the period (2-5 July 2022, Saturday to Tuesday).

Sindh

- Rain-thundershowers with heavy to very heavy falls expected in Badin, Dadu, Hyderabad, Jamshoro, Karachi, Mirpurkhas, Sanghar, Tando Allayar, Tando Muhammad Khan, Tharparkar, Thatta and Umerkot from 2-5 July 2022 (Saturday to Tuesday).
- Rain-thundershowers with isolated heavy falls expected in Ghotki, Kashmore, Khairpur, Larkana, Naushero Feroze, Shaheed Benazirabad, Shikarpur, Sukkur and Qambar Shahdadkot during the period (2-5 July 2022, Saturday to Tuesday)