MOST IMMEDIATE / BY FAX

F.1 (E)/2020-NDMA (MW/SITREP)
Government of Pakistan
Prime Minister’s Office
National Disaster Management Authority
ISLAMABAD

Dated: 29 July 2020

Subject: NDMA Monsoon 2020 Daily Situation Report No 034

NDMA Monsoon 2020 Daily Situation Report No 034 covering period from 28 July 2020 1300 hours to 29 July 2020 1300 hours is enclosed for information / necessary action, please.

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

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), NDMA
PS to Chairman, NDMA

Lieutenant Colonel
For Chairman NDMA
(Muhammad Ala Ud Din)
Tel. 051-9087874
Fax No: 9205086
MONSOON 2020 DAILY SITUATION REPORT NO – 034
(PERIOD COVERED: 28 July 2020 1300 HRS – 29 July 2020 1300 HRS)

1. Area Affected (Last 24 Hours)

<table>
<thead>
<tr>
<th>Ser</th>
<th>Province / Region</th>
<th>Area Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>Federal</td>
<td>NTR</td>
</tr>
<tr>
<td>b.</td>
<td>Balochistan</td>
<td>NTR</td>
</tr>
<tr>
<td>c.</td>
<td>Khyber Pakhtunkhwa</td>
<td>NTR</td>
</tr>
<tr>
<td>d.</td>
<td>Punjab</td>
<td>NTR</td>
</tr>
<tr>
<td>e.</td>
<td>Sindh</td>
<td>NTR</td>
</tr>
<tr>
<td>f.</td>
<td>AJ&amp;K</td>
<td>NTR</td>
</tr>
<tr>
<td>g.</td>
<td>Gilgit Baltistan</td>
<td>NTR</td>
</tr>
</tbody>
</table>

2. Extent of Damages

a. **Damage (During Significant Events – Monsoon 2020)**: NTR.

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

<table>
<thead>
<tr>
<th>Provinces / Regions</th>
<th>Roads</th>
<th>Bridges</th>
<th>Shops</th>
<th>Hotels</th>
<th>Masjid</th>
<th>Houses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Balochistan</td>
<td>-</td>
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<tr>
<td>KP</td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>84</td>
</tr>
<tr>
<td>Punjab</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Sindh</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>21</td>
</tr>
<tr>
<td>AJ&amp;K</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>GB</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>117</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Provinces / Regions</th>
<th>Power Houses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT</td>
<td>-</td>
</tr>
<tr>
<td>Balochistan</td>
<td>-</td>
</tr>
<tr>
<td>KP</td>
<td>-</td>
</tr>
<tr>
<td>Punjab</td>
<td>-</td>
</tr>
<tr>
<td>Sindh</td>
<td>-</td>
</tr>
<tr>
<td>AJ&amp;K</td>
<td>-</td>
</tr>
<tr>
<td>GB</td>
<td>-</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>6</td>
</tr>
</tbody>
</table>

c. **Summary of Preliminary Casualty – Death / Injured**

<table>
<thead>
<tr>
<th>Provinces / Regions</th>
<th>Deaths</th>
<th>Injured</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M</td>
<td>F</td>
</tr>
<tr>
<td>ICT</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Balochistan</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Khyber Pakhtunkhwa</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Punjab</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Sindh</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>AJ&amp;K</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Gilgit Baltistan</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>22</td>
<td>7</td>
</tr>
</tbody>
</table>

3. **Flood Relief Activities**

a. **Relief Camps Established**

(1) Medical relief camp established by Rescue 1122 Chitral at Golain Valley, District Chitral.
(2) Emergency Relief Camp established at landslide incident site at Bonar Nallah, Nanga Parbat Base Camp, Tehsil Chilas, District Diamer, GB.

b. **Rescue Activities.** NTR.
c. **Aviation Activities.** NTR.
d. **Relief Activities**

<table>
<thead>
<tr>
<th>Province</th>
<th>Tents</th>
<th>Food Items (Tons)</th>
<th>Blankets</th>
<th>Tarpaulins</th>
</tr>
</thead>
<tbody>
<tr>
<td>Khyber Pakhtunkhwa</td>
<td>12</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gilgit Baltistan</td>
<td>9</td>
<td>1.6</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>21</strong></td>
<td><strong>21.6 Tons</strong></td>
<td><strong>6</strong></td>
<td><strong>5</strong></td>
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</tbody>
</table>

4. **Threat to Next Likely Areas.** NTR.
5. **River Discharges.** All Major Rivers are flowing at normal level. Sharp peaks up to medium flood level is expected at upstream Mangla during next 03 days. Details of river discharges is attached as Annex A.
6. **Dams Levels**

<table>
<thead>
<tr>
<th>Ser</th>
<th>Reservoirs</th>
<th>Max Conservation Level &amp; Live Storage (Feet)</th>
<th>Current Level &amp; Live Storage (Feet)</th>
<th>Remaining Level &amp; Live Storage (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(MAF*)</td>
<td>(MAF*)</td>
<td>(MAF*)</td>
</tr>
<tr>
<td>a.</td>
<td>Tarbela</td>
<td>1,550.00</td>
<td>1,462.58</td>
<td>87.42</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1.709</td>
<td>4.271</td>
</tr>
<tr>
<td>b.</td>
<td>Mangla</td>
<td>1,242.00</td>
<td>1,229.10</td>
<td>12.90</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6.351</td>
<td>1.005</td>
</tr>
<tr>
<td>c.</td>
<td>Chashma</td>
<td>649.00</td>
<td>648.80</td>
<td>0.20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.268</td>
<td>0.010</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>8.328 (MAF)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Storage</td>
<td></td>
<td>5.286 (MAF)</td>
<td></td>
</tr>
</tbody>
</table>

7. **Weather Forecast for Next 24 Hours.** Scattered thunderstorm / rain of moderate intensity with a few heavy falls is expected over the upper catchments of all the Major Rivers along with Malakand. Hazara, Peshawar, Rawalpindi, Gujranwala, Lahore & Bahawalpur Divisions. Isolated thunderstorm / rain is expected over Northeast Balochistan and Kohat, Bannu, D. I. Khan, Sargodha, Faisalabad, Sahiwal & D. G. Khan Divisions. **Rainfall of light to moderate intensity with a few heavy falls is likely to continue.** Last 24 hours significant rainfall recorded is attached as Annex B.
8. **Weather Advisory / Press Release.** NTR.
9. **Flood Warning / Alert.** NTR.
10. **Daily Flood / Base Flow Data Obtained from India.** NTR.
11. **Miscellaneous.** NTR.

[Signature]

**Lieutenant Colonel**
For Chairman NDMA
(Muhammad Ala Ud Din)
Tel. 051-9087874
Fax No. 9205086
## RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION

<table>
<thead>
<tr>
<th>Rivers</th>
<th>Station</th>
<th>Design Capacity</th>
<th>Actual Observed Flow</th>
<th>Forecast for Next 24 hrs (Inflow)</th>
<th>Forecasted Flood Level (Inflow)</th>
<th>Danger Level (V. High Flood)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Inflow</td>
<td>Outflow</td>
<td></td>
<td></td>
</tr>
<tr>
<td>River Indus</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tarbela</td>
<td></td>
<td>1,500</td>
<td>177.0</td>
<td>129.2</td>
<td>180 – 200</td>
<td>Below Low</td>
</tr>
<tr>
<td>Kalabagh</td>
<td></td>
<td>950</td>
<td>181.6</td>
<td>173.4</td>
<td>No significant change</td>
<td>-do-</td>
</tr>
<tr>
<td>Chashma</td>
<td></td>
<td>950</td>
<td>204.4</td>
<td>197.8</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>Taunsa</td>
<td></td>
<td>1,100</td>
<td>191.6</td>
<td>167.2</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>Guddu</td>
<td></td>
<td>1,200</td>
<td>157.6</td>
<td>120.0</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>Sukkur</td>
<td></td>
<td>1,500</td>
<td>110.3</td>
<td>53.4</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>Kotri</td>
<td></td>
<td>875</td>
<td>74.4</td>
<td>38.7</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>River Kabul</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nowshera</td>
<td></td>
<td>540</td>
<td>47.2</td>
<td>47.2</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>River Jhelum</td>
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<tr>
<td>Mangla</td>
<td></td>
<td>1,060</td>
<td>54.0</td>
<td>27.3</td>
<td>30 – 60</td>
<td>-do-</td>
</tr>
<tr>
<td>Rasul</td>
<td></td>
<td>850</td>
<td>19.8</td>
<td>11.9</td>
<td>No Significant Change</td>
<td>do-</td>
</tr>
<tr>
<td>Marala</td>
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<td>1,100</td>
<td>67.2</td>
<td>35.0</td>
<td>60 – 90</td>
<td>-do-</td>
</tr>
<tr>
<td>Khanki</td>
<td></td>
<td>800</td>
<td>26.6</td>
<td>19.2</td>
<td>30 – 60</td>
<td>-do-</td>
</tr>
<tr>
<td>River Chenab</td>
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<td></td>
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</tr>
<tr>
<td>Qadirabad</td>
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<td>807</td>
<td>28.7</td>
<td>6.7</td>
<td>No Significant Change</td>
<td>-do-</td>
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<tr>
<td>Trimmu</td>
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<td>645</td>
<td>13.9</td>
<td>0.0</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>Panjnad</td>
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<td>700</td>
<td>32.4</td>
<td>16.9</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>Jassar</td>
<td></td>
<td>275</td>
<td>8.1</td>
<td>8.1</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>Shahdara</td>
<td></td>
<td>250</td>
<td>23.5</td>
<td>23.5</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>Balloki</td>
<td></td>
<td>225</td>
<td>42.8</td>
<td>12.8</td>
<td>40 – 45</td>
<td>Low</td>
</tr>
<tr>
<td>River Ravi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sidhnai</td>
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<td>150</td>
<td>14.7</td>
<td>2.0</td>
<td>No Significant Change</td>
<td>Below Low</td>
</tr>
<tr>
<td>River Sutlej</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>G.S. Wala</td>
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<td>0.0</td>
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<td>-do-</td>
<td>-do-</td>
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<td>Sulemanki</td>
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<td>15.8</td>
<td>2.6</td>
<td>-do-</td>
<td>-do-</td>
</tr>
<tr>
<td>Islam</td>
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<td>300</td>
<td>7.2</td>
<td>4.7</td>
<td>-do-</td>
<td>-do-</td>
</tr>
</tbody>
</table>

**Note:** All data in Thousands of Cusecs
PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD

1. Significant Rainfall Reported Last 24 Hours
   a. **Islamabad**. Saidpur 57 mm, Chaklala 32 mm, Zeropoint 31 mm, Shamsabad 2 mm, Golra 19 mm and Bokra 8 mm.
   b. **Balochistan**. Nil.
   c. **Khyber Pakhtunkhwa**. Saidu Sharif 7 mm, Phulra 6 mm, Kakul 6 mm, Chakdara 3 mm, Tarbela 1 mm and Buner 1 mm.
   d. **Punjab**. Murree 15 mm, Sialkot 10 mm, Mangla 6 mm and Gujrat 2 mm.
   e. **Sindh**. Karachi 1 mm.
   f. **AJ&K**. Hajira 50 mm, Garhi Dupatta 13 mm, Kotli 9 mm, Rawalakot 8 mm, Bandi Abbaspur 7 mm, Chattar Kallas 6 mm, Tandali 6 mm, Sehrkakota 5 mm, Panjera 3 mm and Palandi 3 mm.
   g. **Gilgit Baltistan**. Nil.