

NARA CANAL AREA WATER BOARD



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Situation Report on Rain Flood Fighting **September 13, 2011**

1) **Rainfall:**

The rainfall in the command area of Nara Canal has been severe so far. As per met office report, rainfall at following station affecting irrigation and drainage system of Nara Canal is as under:

Last 24 hours (mm)

- | | |
|--------------|-----|
| • Choar: | 56 |
| • Nawabshah | 75 |
| • Mirpurkhas | 190 |

Heavy rainfall in the command of NCAWB especially at Nawabshah, Sanghar, Mirpurkhas and Umerkot made the situation even worst for the people and authorities.

2) **Discharge in Drains:**

Due to heavy and unprecedented rain fall in the command area of Nara Canal, the Spinal Drain is discharging almost 4/5 times higher against its design discharge. The drains especially main Spinal drain, Mirpurkhas main drain (MMD) and Dhoro Pura (DP) have attained ever maximum gauges and all the structure crossing these drains like district roads, provincial highways bridges, water course crossings, railway crossings over drains and irrigation channel crossings are submerged. Couple of minor breaches in MMD occurred last night and efforts are being made extensively for plugging.

3) **Mitigation Measures:**

- Ring Bund to safe Mirpurkhas city has been developed and water has been diverted
- All canal system has been closed
- Rain runoff water has been diverted at upper Nara for filling of Chotiary reservoir through Ranto canal from Head Jamrao.
- The staff of AWB has been fully mobilized with special duties to look after and take measures at irrigation and drainage sites.

- Special staff has been deputed from SIDA, IPD to assist the AWB in emergency operations
- The Secretary Irrigation Department, Govt. of Sindh and Managing Director SIDA and other senior officers monitoring the ring bund and MMD site all the time for mitigation and operational activities.
- All machinery, equipment and vehicles have been mobilized at site to execute the operation and managing flood water through drains. The details are as follows:
 - Excavators 31
 - Dozers 06
 - Dumpers 20
 - Front/ Rear Blade 24
 - Tractors
- Coordination and liaison with line agencies is being maintained 24 hours. Coordination officer has been deputed
- Media and Press is being updated through Press Releases.

4) **Key Issues and Challenges:**

- People are making cuts and draining their standing crop water in the irrigation channels and drains which causing overflow and beaches at tail reach of channels
- Access to problematic sites and mobility of machinery due to rain and water.
- Avoidance of private contractors to supply additional machinery due to road cuts and risk of damage of machinery during movement.

5) **Emergency Measure Required:**

- Works and other district and provincial department machinery may be mobilized to ensure roads become motor able.
- Rescue/Relief agencies may evacuate people in affected areas.