Global Disaster Weather Monitoring and Forecast News

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Persistent Heavy Rainfall in Sri Lanka and Southern India

Over the next five days, under the influence of a persistently maintained monsoon trough (Fig. 1), Sri Lanka and southern India will continue to experience frequent heavy rainfall. Accumulated precipitation is expected to reach 50–120 mm, with localized totals exceeding 150 mm in southwestern Sri Lanka and the western parts of southern India. The rainfall will be accompanied by severe convective weather, including short-duration torrential downpours, thunderstorms and strong winds (Fig. 2). Precautions should be taken against secondary hazards triggered by the heavy rain, such as urban waterlogging, flooding of small and medium-sized rivers, and geological disasters.

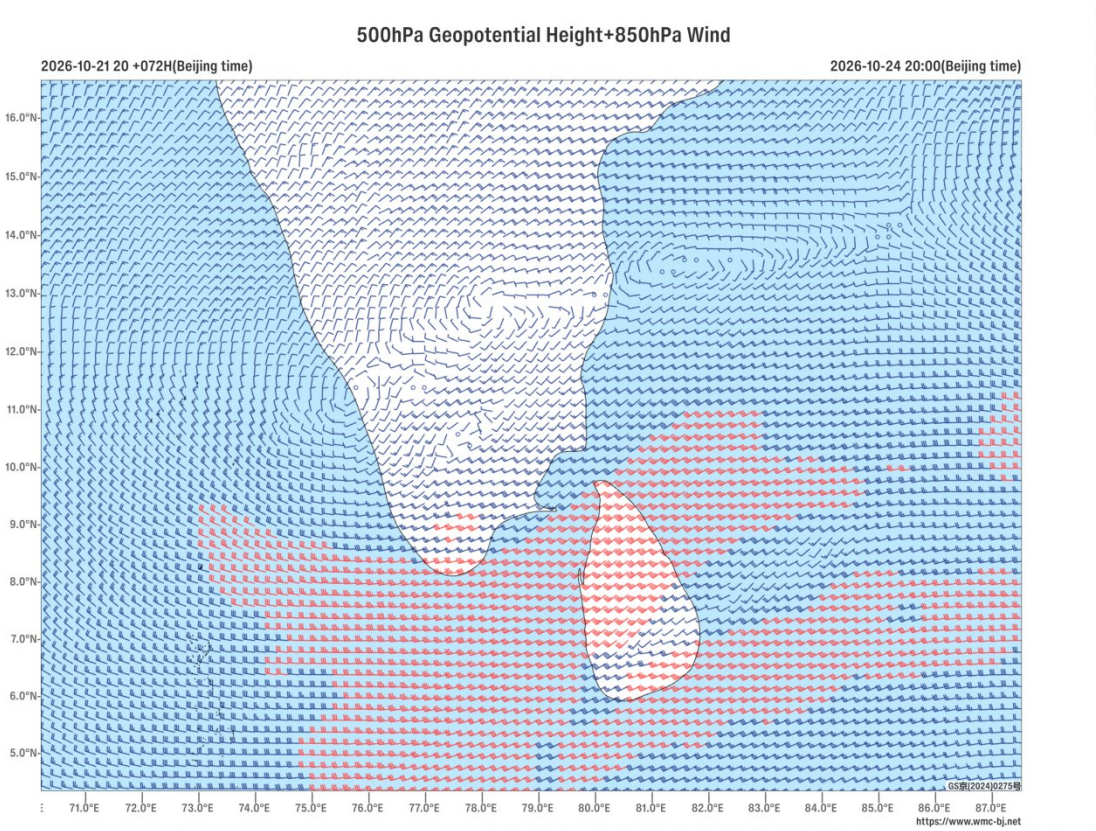

Figure 1: Forecast of 500 hPa Geopotential Height (contours, units: dagpm) and 850 hPa Wind Field (barbs, units: m/s) at 20:00 BJT on October 24, 2026

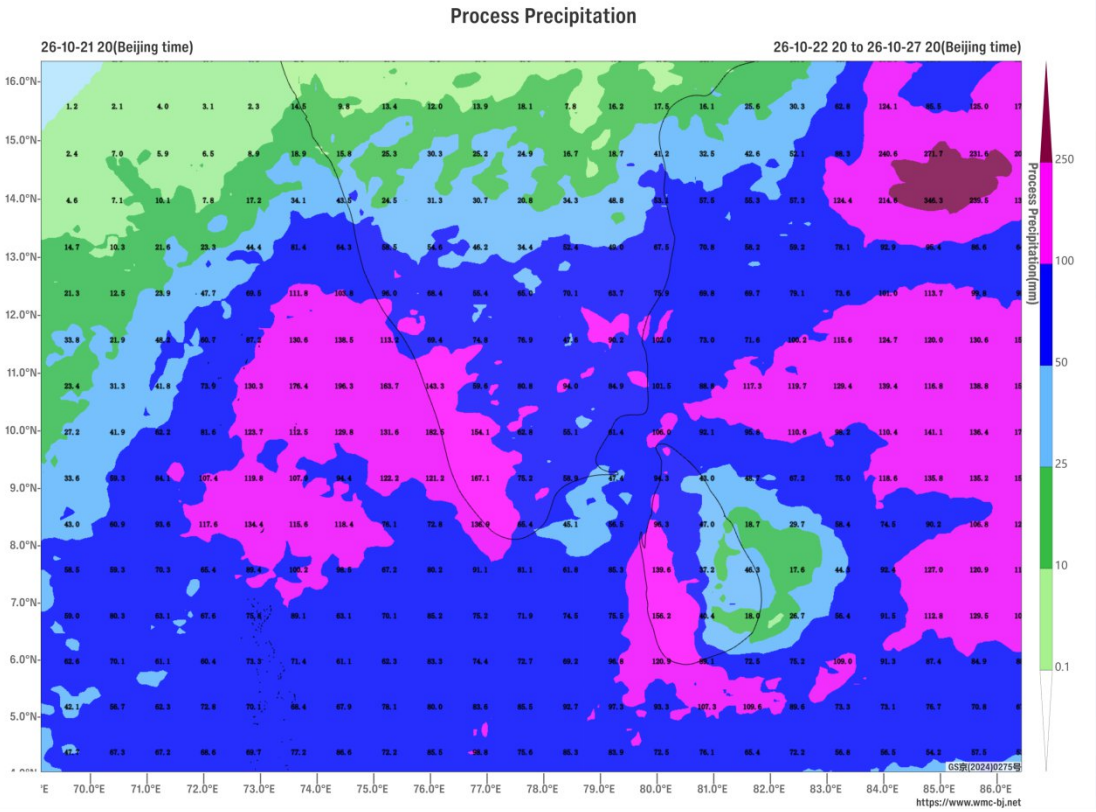

Figure 2: Forecast of Accumulated Precipitation from 20:00 BJT on 22 October to 20:00 BJT on 27 October, 2026 (unit: mm)

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