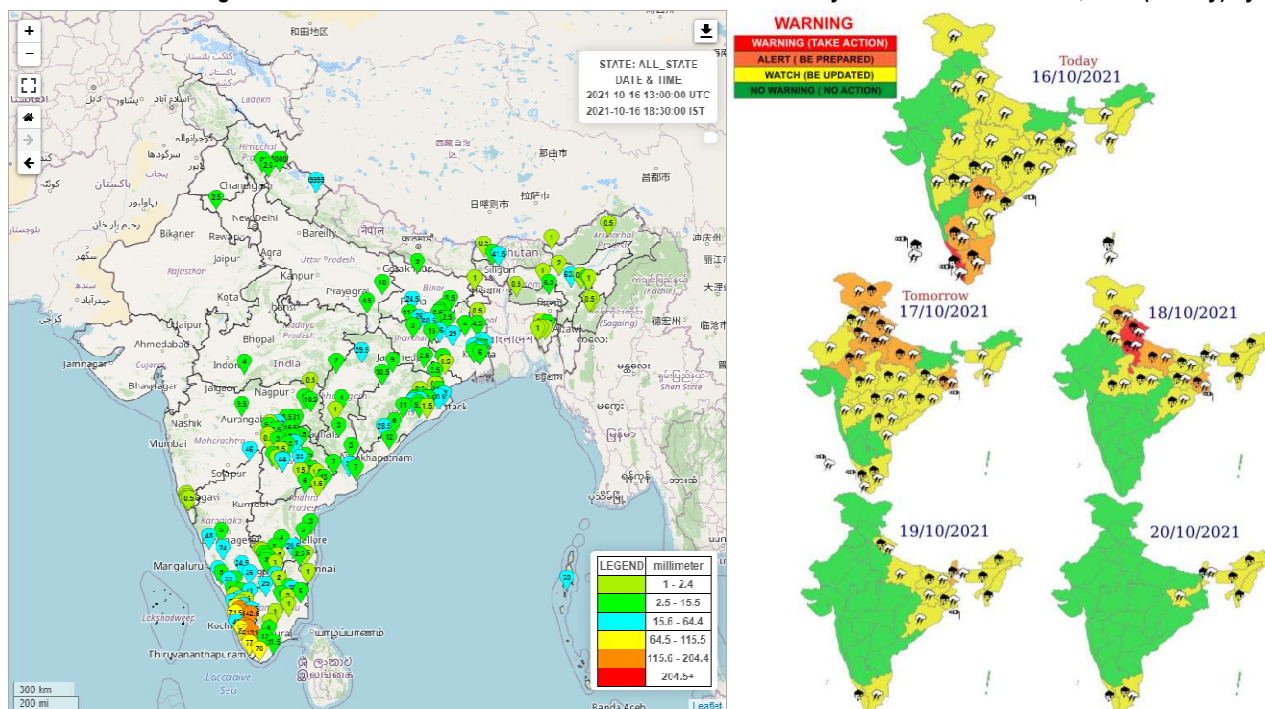




Central Water Commission
Special Flood Advisory
16-10-2021

1.0 Rainfall Situation

Rainfall realized during last 24 hrs at 18:30 hrs IST and Rainfall forecast for next 5 days issued on **16th October, 2021 (Midday)** by IMD



Widespread extremely heavy to very heavy rainfall has been observed in central & southern part of Kerala and adjoining **Kanyakumari** district of **Tamilnadu**. Districts affected in **Kerala** are **Idukki, Kottayam, Pathanamthitta, Ernakulam, Thrissur, Alappuzha, Kollam and Thiruvananthapuram**. Significant amount of Rainfall (from 0830 hrs IST to 1730 hours IST of today)(2 cm or more): Cochin Airport-11; Palakkad-8; Punalur-6; Maya Bandar, Port Blair-5; Tuni, Alapuzha, Paradip and Hyderabad Airport-4; Balasore and Gopalpur-3; Vallanikara-Thrissur, Thiruvananthapuram, Valprai, Kudaikanal, Tiruchirapalli, Salem, Churk, Haldia and Vishakhapatnam-2 each.

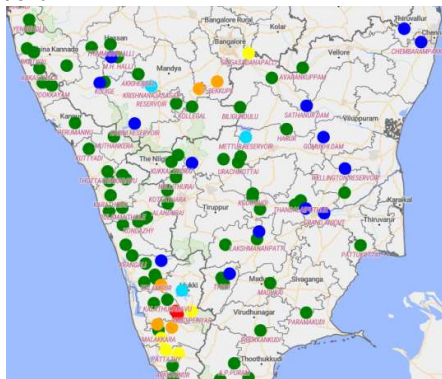
Rainfall forecast indicates Extremely Heavy/Very Heavy Rainfall over

- Himachal Pradesh, Uttarakhand, Gangetic West Bengal and Uttar Pradesh during **17th & 18th October, 2021**;
- Haryana and East Rajasthan on **17th October, 2021**;
- Kerala & Mahe, Tamilnadu, South Interior Karnataka and Telangana on **16th, October, 2021**.

2.0 CWC Advisories

2.1 Kerala

Vigorous rainfall activity in Kerala on 15th and 16th has created extreme to above normal flood situation in southern and central parts of Kerala. Presently, river Manimala is flowing in **extreme flood situation** in **Kottayam** district. Rivers Manimala, Pamba (**Pathanamthitta** dist.); river Thodupuzha (**Idukki** dist.); rivers Karamana, Neyyar (**Thiruvananthapuram** dist.) are flowing in severe flood situation with rising trend. River Periyar (**Idukki** dist.); river Achankovil (**Pathanamthitta** dist.); river Kallada (**Kollam** dist.) are flowing in above normal flood situation with rising trend.



As per the weather forecast issued by IMD, intense rainfall activity will continue in Kerala for today. Alert may be kept in districts **Kozhikode, Wayanad, Malappuram, Thrissur, Palakkad, Ernakulam, Idukki, Kottayam, Pathanamthitta, Alappuzha, Kollam and Thiruvananthapuram**. Watch needs to be kept in all major-medium rivers such as Lower and upper Periyar, Meenachil, Chalakudi, Pamba, Achankovil; Neyyar, Vamanapuram, Karamana, Mamom, Ayirur, Ithikkara, Kallada, Pallikal, Manimala, Muvattupuzha, Karuvannur, Bhavani, Kanjiramukha, Tirur, Kadalundi, Kallayi, Chaliyar, Kuttiyadi, Mahe, etc. and their tributaries.

Dams such as Idukki, Idamalayar, Kakki, Banasura, Mattupetti, Sholayar, Poringalputtu, Kundala, Kallarkuzhi are having high storages. Increased inflows are expected to these dams. Releases from these dams may be done as per SOP after informing low lying areas in advance. Idukki reservoir is getting inflow of 1471 cumec (16.10.21, 16:00 hrs) and expected to rise to 1500 cumec by 22:00 hrs).

2.2 Tamil Nadu

Currently, rivers Kodaiyar in **Kanyakumari** is flowing in extreme flood situation. River Thambraparni in Kanyakumari is flowing in severe flood situation with rising trend. River Paralar is flowing in above normal flood situation in Kanyakumari district with rising trend. River Ponnaiyar is flowing in above normal flood situation with rising trend in **Krishnagiri** district. Watch needs to be maintained for rivers Ponnaiyar, Vaigai, Aliyar, Parambikulam, and the tributaries of Cauvery mainly Bhavani and Amaravathi. Alerts may also be kept in districts **Nilgris, Coimbatore and Theni**.

2.3 Karnataka, Telangana

In Karnataka, currently, river Shimsha is flowing in severe flood situation in Mandya district with falling trend. River Arkavathi is flowing in severe flood situation with falling trend in Bengaluru (Rural). Alert may be kept in districts **Kodagu, Mandya, Mysore & Chamaraanagar**. Watch needs to be kept in rivers Cauvery and its tributaries in above said districts. All the major dams in Krishna and Cauvery basins are having high storages, hence releases from these dams may be done as per SOP after informing low lying areas in advance.

2.4 Uttarkhand & Himachal Pradesh

From 17.10.2021 to next 2 days extremely to very heavy rainfall is predicted by IMD for **whole Uttarkhand, Himachal Pradesh**. Water level rise is expected in rivers Sarda, Yamuna, Ganga, Alaknanda, Ramganga, Gori, Kali (Uttarakhand); Satiuj, Beas, Ravi, Spiti, Tons (Himachal Pradesh) etc and its tributaries. Extremely heavy rains can cause landslides in Himachal Pradesh and Uttarakhand..