



**Central Water Commission  
Special Advisory No.3  
12-11-2018**

**1.0 Rainfall Situation**

Chief Amount of rainfall recorded at 0830 hours IST of today (1cm or more) as per IMD


Name of Place (State)	Rainfall (in cm)
Kottayam (Kerala)	2
Thucklay (Tamilnadu)	1

**1.1 Latest Cycone Alert for North Tamilnadu and Puducherry Coast as given by IMD, Chennai**

### Cyclonic Storm Gaja over Bay of Bengal:

#### Cyclone Alert for North Tamil Nadu & Puducherry coasts

- ✓ Cyclonic storm 'GAJA' over Bay of Bengal lay centred at 1130 hrs IST of 12<sup>th</sup> Nov, 2018 near latitude 12.9°N and longitude 86.9°E.
- ✓ Likely to cross coast between Cuddalore and Pamban during the forenoon of 15<sup>th</sup> Nov.



**Fishermen Warning**

**Storm surge Warning  
Damages expected &  
Action suggested**

#### Heavy Rainfall Warning:

✓ Rainfall is likely to occur at most places over north Tamil nadu and Puducherry with heavy to very heavy rain at a few places over Thanjavur, Tiruvarur, Nagapattinam, Karaikal, Cuddalore, Pudukottai and Ramanathapuram districts during 14-15<sup>th</sup> November 2018. Extremely heavy rain is also likely to occur at isolated places over these districts on 15<sup>th</sup>.

✓ Rainfall at most places with heavy to very heavy rain at a few places is likely to occur over south Tamil Nadu on 15<sup>th</sup> and over interior Tamil Nadu on 16<sup>th</sup>.

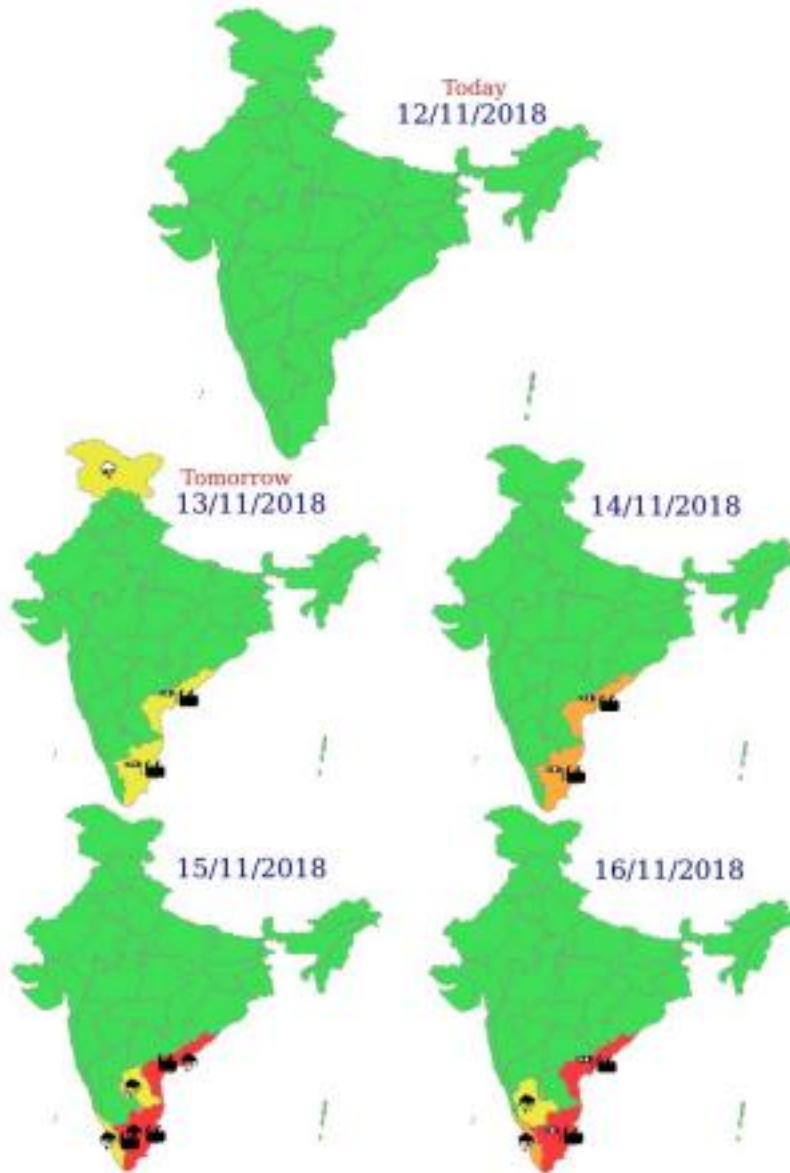
#### Gale wind warning:

✓ Squally wind, speed reaching 45-55 kmph gusting to 65 kmph likely along & off north Tamil Nadu & Puducherry – south Andhra Pradesh coasts from 14<sup>th</sup> morning.

✓ Wind speed would gradually increase and Gale wind speed 80-90 kmph gusting to 100 kmph is along & off north Tamil Nadu & Puducherry coasts from 14<sup>th</sup> night onwards.

## 1.1 Rainfall forecast for next 5 days issued on 12<sup>th</sup> November 2018 (Midday) by IMD

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

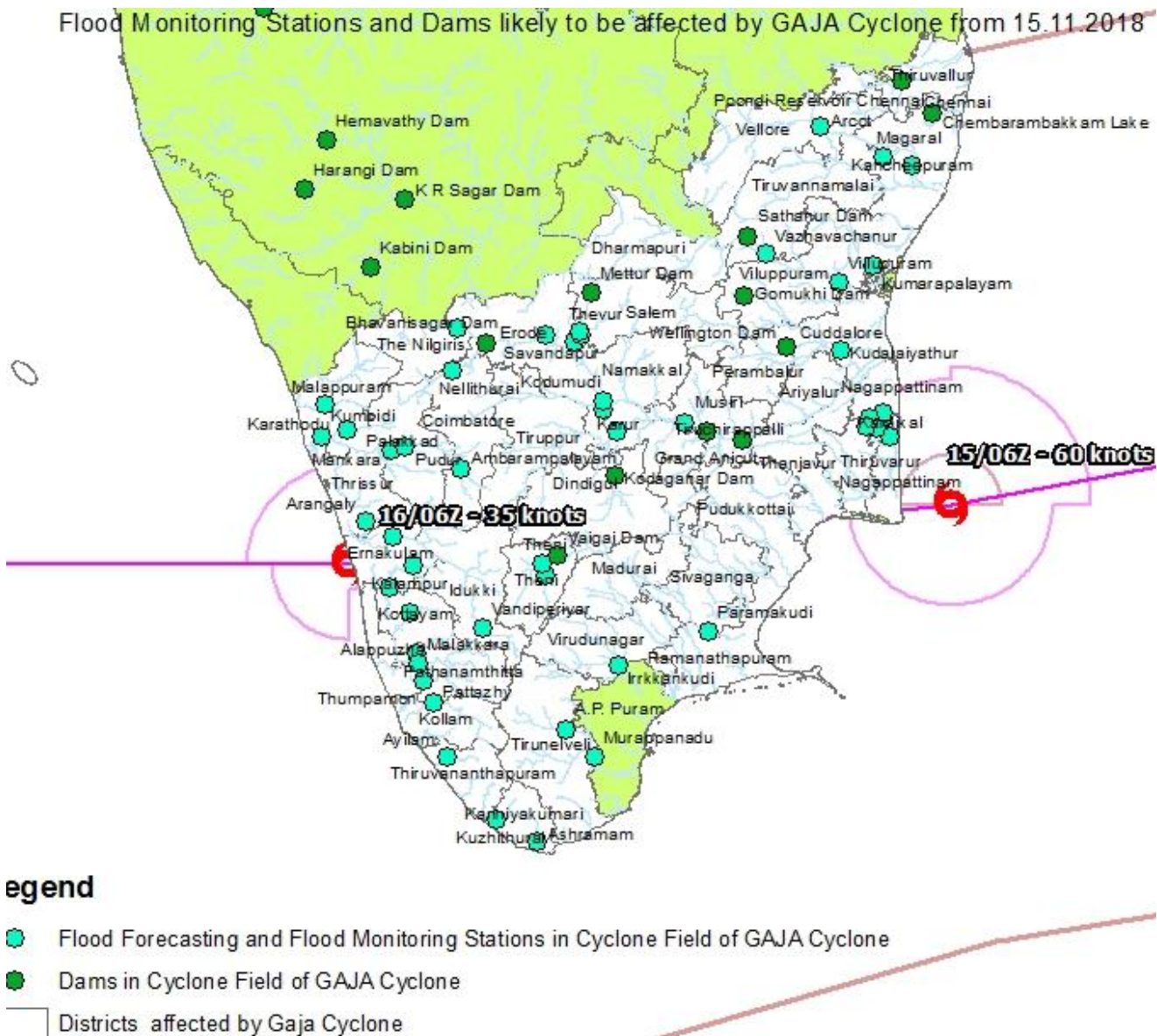


## 2. Advisories as per Actual/ Forecasted Rainfall

### 2.1 Tamilnadu & Kerala

There is forecast of Heavy to Very heavy rain at a few places with isolated extremely heavy falls over Tamilnadu & Puducherry and heavy rain at isolated places over Coastal Andhra Pradesh and Rayalaseema starting from 15<sup>th</sup> November to 16<sup>th</sup> November 2018. Heavy rain at a few places with very heavy rain at isolated places likely over Tamilnadu & Puducherry and Kerala and heavy rain at isolated places over South Interior Karnataka is also forecasted from 16<sup>th</sup> November to 17<sup>th</sup> November 2018 in association with the system.

The Flood Forecasting/ Flood Monitoring Stations as well as Dams and Reservoirs falling in the cyclone field of “Gaja” Cyclone are shown in Figure below:



### 2.1.1 Reservoir Positions in Tamilnadu & Kerala

Reservoirs such as Vaigai Dam, Sholayar Dam, Parambikulam, Aliyar, Bhavanisagar and Amaravathi Dam in Tamilnadu, Kallada, Idukki and Malampuzha dams in Kerala which are in Cyclone Field are 80 to 91% full. Any heavy to very heavy rainfall in the districts of Nilgiris, Coimbatore, Palakkad, Theni in Tamilnadu and Idukki, Pattanamthitta and Palakkad districts in Kerala are likely to be impacted by movement of “Gaja” Cyclone due to the potential rainfall forecasts given by IMD. These reservoirs have to maintain strict watch during the period 16<sup>th</sup> to 18<sup>th</sup> November 2018 and gate operations have to be done taking into account the Standard Operating Procedures.