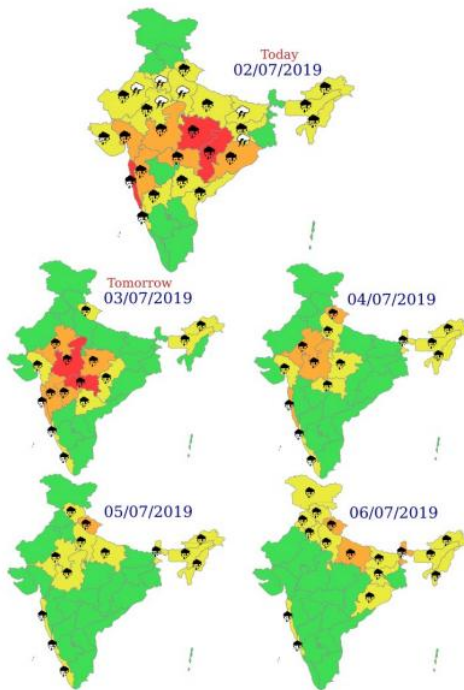




Central Water Commission
Special Advisory No. 7
02.07.2019

IMD has forecasted heavy to very heavy rainfall at a few places with isolated extremely heavy falls over Konkan & Goa, Chhattisgarh, East Madhya Pradesh on 3rd July, West Madhya Pradesh and Vidarbha on 4th July as indicated in the figure below:



Due to this warning, there is likelihood of rise in Water Levels in various river basins and the likely impact of these rains as inferred from rainfall runoff model run for 3 days advisory forecast is detailed as under:

Basin/Region	Likely Impact
Damanganga Basin	Rapid rise in water level in Damanganga basin in the districts of Nasik in Maharashtra, Valsad in Gujarat and Silvassa in UT of Dadra and Nagar Haveli, Daman in UT of Daman and Diu during the next 48 hours. Madhuban Dam in Valsad Dist of Gujarat is getting rapid inflows which is increasing the water level and storage in the reservoir, but still is very much below Full Reservoir Level (FRL).

<p>Mumbai</p>	<p>Due to extremely heavy rainfall already observed in many of the area of Mumbai and its suburbs as well as forecast of very heavy rainfall forecast with isolated extremely heavy rainfall in North Konkan on 3rd July there is likelihood of urban flooding (Water Logging and Drainage Congestion) and associated inundation in view of the high tides associated with severe monsoon conditions in West Central Arabian Sea. Proper precautionary measures may continue. There is forecast of reduction in rainfall from 4th July onwards but stray isolated heavy rainfall has been forecasted till 7th July.</p>
<p>West Flowing Rivers Basin</p>	<p>Rivers having source in Western Ghats and flowing into Arabian Sea may witness flash floods in association with the forecasted rainfall during the next 5 days. Necessary precautions in the old bridges along the highways and along the Konkan Railway routes needs be taken as flow may increase suddenly along the course of these rivers in districts of Thane, Raigad, Ratnagiri, Sindhudurg in Maharashtra, Goa, Uttara Kannada, Udupi and Dakshina Kannada Districts of Karnataka.</p>
<p>Krishna Basin</p>	<p>River Krishna and its tributaries are likely to rise in upstream districts of Satara, Sangli, Kolhapur, Pune, Sholapur districts in Maharashtra. Since most of the dams in Krishna Basin are having very low storage presently, the inflows into Dams in Maharashtra and Karnataka may increase with the forecasted rainfall but still expected to be far below FRL.</p>
<p>Godavari Basin</p>	<p>In view of the rainfall forecast in East MP and Vidarbha during the next 3 days, there is likelihood of rapid rise in Water Levels in Wainganga, Wardha, Penganga and Pranhita, Purna and Pravara sub-basins of Godavari. Since most of the dams have very low storage, this may help in increasing the storage in dams such as Gosikhurd, Issapur, Yeldari Dams.</p>
<p>Narmada Basin</p>	<p>In view of the rainfall forecast in MP and Vidarbha during the next 3 days, there is likelihood of rapid rise in Water Levels in Narmada and its tributaries. Since most of the dams have very low storage, this may help in increasing the storage in dams such as Barna, Tawa, Indirasagar, Omkareshwar and Sardar Sarovar Dams.</p>
<p>Tapi Basin</p>	<p>In view of the rainfall forecast in MP and Vidarbha during the next 3 days, there is likelihood of rapid rise in Water Levels in Tapi and its tributaries. Since most of the dams have very low storage, this may help in increasing the storage in dams such as Hatnur and Ukai Dams.</p>