

List of Publications



Effect of mass Bathing on Water Quality of Brahma Sarovar (Kurukshetra) During Solar Eclipse

Foreword

As there is a strong possibility of the spread of water borne diseases during or as a result of such events of mass bathing, Central Board has conducted a series of studies on river Ganga at various places during Kumbh Melas with a view to ascertain the degree of impairment of water quality. The present study was conducted at Kurukshetra in Haryana bathing associated with the event of solar eclipse.

The important urban centres in the catchment of Godavari are Nasik, Aurangabad, Nagpur, Wardha, Nanded and Chandrapur in Maharashtra; Nizamabad, Mancherla, Ramagundam, Bhadrachalam and Rajahmundry in Andhra Pradesh; and Seoni and Balaghat in Madhya Pradesh.

These urban centres are intensively utilising the water resources; and as a consequence there is deterioration in the water quality in the river Godavari from Nasik to Nanded in Maharashtra; at Basar and Burgampad in Andhra Pradesh.



The water quality is deteriorated in the tributary Manjira from Karnataka to Maharashtra State border; tributary Wardha's confluence with river Panganga to downstream of Sirpur in Maharashtra; Manjira at Sangareddy; and Peddavagu downstream of Sirpur paper Mills in Andhra Pradesh; and Indravati at Bodhghat in Madhya Pradesh.

The study reported herein/ was undertaken with the objective of formulating action plan to restore and maintain the river water quality at such level as is needed to sustain the designated-best-use of the different stretches of the river. The State Pollution Control Boards of Maharashtra, Andhra Pradesh, Madhya Pradesh and Karnataka collected the basic data in their respective parts of the basin. The reports were reviewed, compiled, edited and presented in the form of a Comprehensive River Basin report by Shri Y.S.Murty, Consultant in accordance with the guidelines of the Central Board.

Shri T. Venugopal, Dr. R.C.Trivedi, Dr.(Mrs.) K.K. Saxena, Shri V. Rajan and Shri R.M. Bhardwaj coordinated with the State Pollution Control Boards in planning, collection of data and finally in bringing out the document in the published form.

The Central Board acknowledges the cooperation received from the State Pollution Control Boards of Maharashtra, Andhra Pradesh, Madhya Pradesh and Karnataka.

I hope, the present document will be useful to all concerned with the quality of river waters.

A handwritten signature in black ink, appearing to read 'Dilip Biswas'.

Dilip Biswas
Chairman, CPCB