

Training Program on
'Hydrological Observation and Data Validation'
(20 - 23 July 2026)
NOMINATION FORM

Name (in capitals):

Designation:

Organization:

Responsibilities (in

brief):

Full Postal Address

Tel Nos (with STD Code):

Email:

Mobile

Whether require accommodation? YES / NO

Date: (Signature of the Participant)

SPONSORING AUTHORITY

Full Postal Address

Tel Nos (with STD Code):

Email :

Mobile

Date (Signature and Seal)

Completed Registration Form may be sent by email:

nwa.pune@gmail.com / directorrm-nwa@gov.in



Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Water Commission



Training Program on
'Hydrological Observation and Data Validation'
(20 - 23 July 2026)



Organized by
National Water Academy, CWC, Pune

INTRODUCTION AND BACKGROUND

Hydro-meteorological data forms the backbone of water resources planning, development and management in India. The Central Water Commission (CWC), State Water Resources Departments and other agencies collect vast quantities of river stage, discharge, sediment, rainfall, reservoir and meteorological data through an extensive observation network across the country. This data is extensively utilized for flood forecasting, reservoir operation, hydrological studies, design and appraisal of irrigation, flood control and multipurpose projects, dam safety assessments, water availability studies and river basin planning. Reliable and validated data is also sometimes disseminated to various government organizations, research institutions, consultants and project authorities for engineering designs, modelling and decision-making. Since erroneous or inconsistent data can lead to inaccurate analyses and flawed decisions, systematic validation and quality assurance of hydro-meteorological data is of paramount importance. This training program is designed to enhance the capacity of field officers and data managers in hydrological observations, data quality control and validation procedures, thereby ensuring the availability of accurate and dependable water resources information for national and state-level water management activities. Content of program given below:

- CWC HO site selection, Installation, Marking of different types of gauge posts
- Gauge and velocity/ Discharge observation, Direct & indirect methods, rating curve
- Sediment observation, Meteorological observation & Water Year books
- Data validation, Primary and Secondary validation of HO data with hands on
- Tertiary validation of HO data

RESOURCE PERSONS Resource persons from CWC including retired officers will act as guest faculty members for various sessions.

DURATION

The program is for 4 days' duration scheduled during 20 - 23 July 2026. The participants are expected to reach NWA by the evening of 19 July 2026 and should plan to leave 23 July 2026 only after 1900 Hrs.

PROGRAM FEE

There is no program **fee for participants from Central and State Govt.**

departments. Charges for participants from various categories are as below:

Category	Description	Fee per participant
A.	Central/State/Local Government Depts. including their autonomous bodies:	Nil
B.	'Not for Profit' Central and State PSUs	Nil
C.	Recognized academic institutions, NGOs	1,200/-
D.	Central and State Public Sector Undertakings	8,000/-
E.	Private Companies, individuals	12,000/-

- *Discounts applicable: (a) 50% for PSUs of MoJS i.e. WAPCOS & NPCC (no group discount); (b) For others – 20% discount for 3-4 participants; 30% discount for 5 or more participants from the same organization.*

VENUE

National Water Academy, CWC, Pune-Sinhagad Road, Khadakwasla, Pune – 411024

TARGET GROUP

Water Resource Professionals from Central and State Water Resources and Irrigation Departments, and other interested stakeholders

HOW TO APPLY

- The participants are requested to send their nominations in the Nomination form given in the brochure through email to nwa.pune@gmail.com/ directorm-nwa@gov.in. The last date of sending nomination is **16.07.2026**.
- All nominated and interested participants shall register in the Google form given at: <https://forms.gle/vt95aVpmapMhKxM77>
- The nominated officers/personnel are requested to start their journey for the program only after confirmation of their nomination. The accepted nominations will for displayed on NWA's website on 17.07.2026.
- All participants whose nominations are accepted by the NWA, Pune will now be required to register on e-learning platform of NWA i.e <https://elearning.nwapune.co.in>. After completing the registration & login to the e-learning website of NWA, they are also required to enroll themselves for the program "Hydrological Observations and Data Validation" scheduled during 20-23 July 2026. The enrollment key will be shared with the participants after their nomination is confirmed by NWA. The links for various activities of the training program as well as the presentation material will be made available on this platform.

ACCOMODATION

The trainee officers would be accommodated in NWA hostel on applicable payment basis. Lodging & boarding charges as per government rates (about Rs.275/- per person per day) will have to be borne by the participants. Working Lunch during the training program will be provided by NWA, CWC Pune. Participants from CWC will be provided with free lodging & boarding facilities. Other participants will have to bear breakfast, evening snacks and dinner charges, as applicable. Airport/ Railway station pickup/drop will also have to be arranged by the trainee officers themselves.

WEATHER

Pune in July experiences the peak of the monsoon season, featuring pleasant, cool temperatures and frequent rainfall. The average maximum temperature during the day is around 28 degrees Celsius, while the average minimum temperature at night is around 21 degrees Celsius.

CONTACT

For sending nominations or for any information about this program, please contact:

Shri Kumar Kushal, Director & Course Director

National Water Academy, CWC, Khadakwasla R S ,Pune – 411 024

Mobile: # 9102303213

Email: nwa.pune@gmail.com ; directorm-nwa@gov.in