

National Water Mission MoWR, RD & GR
QUARTERLY COMPILATION OF PROGRESS REPORT UNDER NATIONAL ACTION PLAN ON CLIMATE CHANGE-WATER

Quarter-I ending June, 2018

| Sl. No. | Activities under each Mission deliverables | Implementing Agency | Overall target for Mission Period (2017-20) | Target for 2018-19 | Quarter-wise target/achievement during 2018-19 | | | | | | | | Achievement during 2018-19 | Cumulative Achievement in 14 th FC plan up to 2018-19 | Remarks | |
|--------------|--|---------------------|---|--------------------|--|-------------|-----------|-------------|-----------|-------------|-----------|-------------|----------------------------|--|--|--|
| | | | | | Quarter 1 | | Quarter 2 | | Quarter 3 | | Quarter 4 | | | | | |
| | | | | | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | |
| 1.0 | Goal 1: Comprehensive water database in public domain and assessment of the impacts of climate change on water resources | | | | | | | | | | | | | | | |
| 1.1.0 | Review and establishment of network for collection of additional necessary data | | | | | | | | | | | | | | | |
| 1.1.1 | Establishment of new Hydrological Observation Stations (HOS) for improved water resource assessment, planning, and flood forecasting etc. (Nos) Taken up under DWRIS | CWC (RDC Dte) | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | No provision for Establishment of new Hydrological Observation Stations (HOS) has been kept in DWRIS Scheme 2017-20. |
| 1.1.2 | Automatic satellite based telemetry system for hydrological network for real time information for improved water resource assessment, planning, and flood forecasting. *-Targets revised. Tender process is on. (Nos) | CWC (FFM Dte) | 583 (458+125) | 326 (458-132) | 150 | 117 | 76 | | 100 | | | | 117 | 249 (132+117) | | |
| 1.1.3 | Establishing of New Ground Water Monitoring Wells by CGWB (Nos.). Central Ground Water Board monitors wells throughout the country for measurement of water levels, to prepare depth to water level maps, to find out long term water level trends and resource assessment. (Nos.) | CGWB | -- | 60 | -- | 0 | -- | | -- | | 60 | | 0 | 6376 | The proposal for establishment of new ground water monitoring stations are being considered under NHP by all implementing agencies including CGWB To establish 60 nos. of Piezometers under NHP for the year 2018-19 | |

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| 1.1.4 | Installation of Automatic Water Level Recorder (AWLR) with Telemetry in Piezometers (Nos.). These AWLR will provide real time/near real time water level data for planning the groundwater development and management in the over exploited areas of the country. | CGWB | -- | 510 | -- | 0 | -- | | -- | | | 510 | | -- | 0 | The work is proposed to be taken up under NHP. |

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| 2.0 | Goal 2: Promotion of citizen and State Action for water conservation, Augmentation and preservation | | | | | | | | | | | | | | |
| 2.1.0 | Setting up of Water Users Associations for community management of Command Areas. | Com. (CAD) | | 2500 | 350 | 320 | 550 | -- | 800 | -- | 800 | -- | 320 | - | |
| 2.1.1 | Training and Capacity building programme on National Water Mission, Enhancing Water Use Efficiency and water conservation for State/Central Govt. officials/stakeholders. | | | | | | | | | | | | | | |
| a. | Water User's Association (WUA) | No of Trainings | CWC/NWA | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | | No of Trainings | CGWB | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | | No of Trainings | NWM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | | No of Trainings | NERIWALM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | | Total Trainings | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Total persons | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| b. | Panchayati Raj Institutions (PRI) | No of Trainings | CWC/ NWA | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| | | No of Trainings | CGWB | 153 | 50 | 18 | 12 | 16 | | 16 | | 0 | 12 | 65 | |
| | | No. of Persons | | 19125 | 6250 | 2250 | 1711 | 2000 | | 2000 | | 0 | 1711 | 8993 | |
| | | No of Trainings | NWM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | | No of Trainings | NERIWALM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | | Total Trainings | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Total persons | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |

The Tier III Training under HRD & CB scheme-RGI Component the target group is various stakeholders including PRIs.

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| | | | | | | | | | | | | | | | |
|---|------------------------|----------|------|------|-----|-----|-----|----|-----|----|-----|----|-----|------|--|
| Other/Government Officials | No of Trainings | CWC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | This activity is covered under Tier I & Tier II Training under HRD & CB Scheme-RGI Component |
| | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No of Trainings | CGWB | 173 | 60 | 10 | 12 | 28 | | 12 | | 10 | | 12 | 77 | |
| | No. of Persons | | 3750 | 1300 | 200 | 233 | 450 | | 250 | | 200 | | 233 | 1678 | |
| | No of Trainings | NWM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No of Trainings | NERIWALM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Total Trainings | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Total persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| Seminars/Mass Awareness Programmes | No of Programmes | CWC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No of Programmes | CGWB | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No of Programmes | NWM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No of Programmes | NERIWALM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | No. of Persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| Total Programmes | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| Total persons | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| Grand Total | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| Participants | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |

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| 3.0 | Goal 3: Focused attention to vulnerable areas including over-exploited, critical and semi-critical areas | | | | | | | | | | | | | | |
| 3.1.0 | Promotion of traditional system of water conservation | | | | | | | | | | | | | | |
| 3.1.1 | Repair, Renovation and Restoration (RRR) for 10,000 water bodies has been taken up during the 12 th Plan. (Nos.) Rural: 5 Ha Min Urban: 2 Ha Min. | CWC (Economics Dte) | Restoration of irrigation potential of 1.5 lakh ha area | 500 | 100 | 0 | 150 | 0 | 150 | 0 | 100 | 0 | 0 | 975 | |
| 3.1.2 | Strengthening of traditional water bodies (Nos. in Lakh) | MoRD (MGNREGA) | - | - | - | 0.35 | - | - | - | - | - | - | 0.35 | 1.84 | |

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| | | | | | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 3.2.0 | National Project on Aquifer Management on 1:50000 scale | | | | | | | | | | | | | | |
| 3.2.1 | Preparation of Management Plans to facilitate community participation through three dimensional delineation of aquifers and to assess the quality and quantity of ground water. (lakh sq.km.) | CGWB | 6.6 Lakh Sq.Km | 2.1 Lakh Sq.Km | 0.13 Lakh Sq.Km | 0.10 Lakh Sq.Km | 0.32 Lakh Sq.Km | | 0.55 Lakh Sq.Km | | 1.10 Lakh Sq.Km | | 0.10 Lakh Sq.Km | 8.67 Lakh Sq.Km | 8.67 Lakh Sq.Km area covered during 2012-2018 |
| 3.3.0 | Ground water quality sampling and analysis | | | | | | | | | | | | | | |
| 3.3.1 | Analysis of groundwater quality for major anion & cations, heavy metals and industrial pollutants to assess the presence of Arsenic, fluoride, iron, nitrate, chromium etc. and recommend suitable strategies to the States for remediation. (Nos.) | CGWB | 82122 | 24716 | 5329 | 7505 | 6298 | | 6604 | | 6485 | | 5329 | 146411 | 146411 Nos. samples analysed during 2012-18 |
| 3.4.1 | Expeditious implementation of programme for conservation of water through recharge of ground water including rain water harvesting (under MGNREGA). (Nos. in Lakh) | MoRD (MGNREGA) | - | - | - | 0.89 | - | | - | | - | | 0.89 | 4.54 | |

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 3.5.0 | Optimization of Surface water resources | | | | | | | | | | | | | | |
| 3.5.1 | Completion of ongoing 99 AIBP projects to realise an irrigation potential of 76 Lakh ha. | Com. (SPR) | Ultimate Potential Utilization of 76 Lakh Ha.(Additional Potential Creation as 34.60 Lakh Ha.) | Additional Potential creation of 10 Lakh Ha. | - | - | - | - | - | - | - | - | Potential Creation figures will be available by end of June 2019 when crop season ends. | 1. 31 No. of Projects Completed/ almost completed. 2. Additional potential created through all 99 projects during 2016-17 & 2017-18 is 5.14& 6.91 Lakh Ha.(provisional) respectively . 3. Total Cropped Area assessed by BISAG during 2017-18 for 99 projects is 44.27 Lakh Ha. | Cropped Area is an indicator about utilization of potential created. |

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| 3.6.0 | | | | | | | | | | | | | | | |
| 3.6.1 | Flood Forecasting by inclusion of additional Forecast stations for unrepresented areas/projects using hydrological and hydraulic modelling . (Nos.) | CWC (FFM Dte) | 126 (76+50) | 49 (76-27) | 5 | 2 | 40 | - | 4 | - | - | - | 2 | 29 (27+2) | |
| 3.6.2 | Number of Flood Forecasts at existing 226 FF Stations. (Nos.) | CWC | As per flood situation | As per flood situation | As per flood situation | 525 | As per flood situation | | As per flood situation | | As per flood situation | | 525 | 6822 | |

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| 4.0 | Goal 4: Increasing water use efficiency by 20% | | | | | | | | | | | | | | |
| 4.1.1 | Baseline Studies in Irrigation Sector. (Nos.) | NWM | 60 | 5 | 0 | 0 | 0 | | 0 | | 5 | | - | - | |
| 5.0 | Goal 5: Promotion of basin level integrated water resources management | | | | | | | | | | | | | | |
| 5.1.1 | Development of State Specific Action Plan (SSAP) for Water Sector (Nos.) | NWM | 36 | 20 | 0 | - | 4 | | 6 | | 6 | | - | - | |
| 6.0 | Waste Water Dimension and Pollution abatement | | | | | | | | | | | | | | |
| 6.1 | Rural Sanitation program by MoDWS. (Individual Household latrines) (Nos.) | MoDWS | 1084 Lakh | 300 Lakh | 60 Lakh | 63.51 Lakh | 70 Lakh | - | 80 Lakh | - | 90 Lakh | - | 63.51 Lakh | 761.63 Lakh | |
| 6.2 | Installation of online continuous effluent monitoring stations. (Nos.) | NMCG | 952 | 40 | 26 | 05 | 21+14 (Newly added) =35 | - | - | - | - | - | 05 | 764 | |
| 6.3 | Real-Time Water Quality Monitoring Stations. (Nos.) | NMCG | 113 | 40 | Prepared bidding documents as per World Bank Norms | Bid documents prepared and submitted to NMCG/World bank | Publishing of Bid | - | Selection of qualified Bidder and award of work | - | Installation of monitoring Station | - | NOCs for setting up of 16 RTWQMS obtained. Bid Document for setting up 40 RTWQMS prepared and submitted to NMCG/World Bank. EoI for engagement of RTWQMS data qualification floated. Response from firm received and EoI(s) opened on e-procurement portal. | 36 RTWQMS based on data purchase concept have been set up and operationalised. Process for setting up 40 additional RTWQMS initiated and Bid submitted to NMCG/World Bank for approval. | |