

QUARTERLY PROGRESS REPORT-II OF DIFFERENT AGENCIES OF MOWR,RD AND GR
Under the National Action Plan on Climate Change-NWM

Quarter-II ending September, 2016-17

Sl. No.	Activities under each Mission deliverables	Implementing Agency	Overall target for Mission Period (2013-17)	Target for 2016-17	Quarter-wise target / achievement during 2016-17								Achievement during 2016-17	Cumulative Achievement up to 2015-16	Remarks
					Quarter 1		Quarter 2		Quarter 3		Quarter 4				
					Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement			
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 for improved water resource assessment, planning, and flood forecasting etc.(Nos)	CWC	800	252	12	nil	70	42	70	--	100	--	42	217	This will cover the hitherto uncovered areas and provide information through 275 flood forecasting sites and help in climate change studies, glacial lake burst/cloud burst, FF and estimate of flow distribution in various seasons.
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.	CWC	629*	200*	--	--	20	20	05	--	175	--	20	37	As a result of the telemetry network, live information would be available on the real time basis. It will eliminate the delays in dissemination of flood warnings to the States due to the manual system of dissemination.
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.	CGWB	9360	1900	300	172	--	231	800	--	800	--	403	5642	The monitoring stations show that of the 6607 blocks, 1071 (16%) blocks were found to be over-exploited (OE); 217 (3%) blocks found to be critical and 697 blocks (11%) were found to be semi-critical. The efforts are made to restrict drawl in OE blocks and recharge the overdrawn blocks.

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1.1.4	<p>Installation of Automatic Water Level Recorder (AWLR) with Telemetry in Piezometers(Nos.).</p> <p>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.</p>	CGWB	584	584	--	--	--	--	--	--	584	--	--	--	Tender work in progress.

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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)		500* (2000)	--	--	--	--	200*	--	300*	--	--	84,799	*Target is revised by Commissioner CAD, to 500. (Rs. 667 Crore funded for 12 Projects through NABARD).

	Agency	Activity													
2.1.1	CGWB (RGTRI/IEC)	PRI		35	08	06	08	06	--	--	--	--	12	178* (2013-2015)	*Total persons trained for the period 2013-15 is 25053. Total 2156 persons were trained as on Sept 2016.
		State Govt. Officials		17	--	--	--	08	--	--	--	--	08		
		WUA		30	--	--	--	--	--	--	--	--	--		
		Mass Awareness		15	--	--	--	--	--	--	--	--	--		
	CWC (NWA/IEC)	PRI		--	--	--	--	--	--	--	--	--	--		
		State Govt. Officials		08	02	03	02	02	02	--	02	--	05		
		WUA		22	--	--	--	--	--	--	--	--	--		
		Mass Awareness		15	--	--	--	--	--	--	--	--	--		
	NWM	WUA		30	--	--	--	--	--	--	--	--	--		
		Mass Awareness		15	--	--	--	--	--	--	--	--	--		
Convention of WUAs			03	--	0	--	01	04	--	--	--	01			
Other Trainings/ Workshops			17	--	0	05	04	04	--	03	--	05			
	Total			207	10	09	15	21	10	--	05	--	31		

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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	Based on NRSC data UID for all the water bodies has been generated by under WRIS, for Repair Renovation and Restoration of identified water bodies. A scheme namely Repair, Renovation and Restoration for 10,000 water bodies has been taken up during the 12 th Plan. (Nos.)	CWC	10,000	1,000	--	--	--	--	--	--	--	--	--	1237	The WRIS has generated UID for 7,98,909 water bodies with the support of NRSC. Rs. 264.67 cr. released for 1237 schemes.
3.1.2	Strengthening of traditional water bodies (Nos. in Lakh)	MoRD (MGNREGA)		2.04 Lakh	--	--	--	2.05 Lakh	--	--	--	--	2.05	2.76 lakh	(MoRD). In addition strengthening of 2.82 Lakh w.bodies is going .
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	8.89 lakh sq.km.	3.00 lakh sq.km.	0.75	1.19	0.75	nil	0.75	--	0.75	--	1.19	2.28 lakh sq km	These Plans inter-alia provide strategies for various interventions like construction of recharge structures; type of crops to be grown; amount of water to be drawn to ensure optimal and sustainable utilization of ground water.
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	80,000 No.	20,000 No.	5,000	8,783	5,000	7,514	5,000	--	5,000	--	16,297	78,145 No.	Arsenic - 451 Blocks in 21 States/UTs. Fluoride- 1445 blocks in 21 States/UTs. Iron- 1172 Blocks in 24 States/UTs. Salinity-720 Blocks in 18 States/UTs.

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																Chemical laboratory, Central Region, Nagpur has been granted NABL Accreditation on 7th Nov, 2016 in accordance of ISO/IEC 17025:2005.
3.4.0	Physical sustainability of ground water resources															
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)		9.86 lakh Structures	--	--	--	5.62 lakh Structures	--	--	--	--	5.62	11.14 Lakh structures	(MoRD). 5.62 Lakh structures completed and 8.10 Lakh structures are ongoing.	
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. (Lakh Ha.)	Com. (SPR)	76 Lakh Ha.	14.53 Lakh Ha. (23 Projects)	--	--	--	--	--	--	--	--	--	12.42 Lakh Ha.	The purpose is to reduce the gap between IPC and IPU to ensure optimal utilization of SW Resources and scale the lessons from these projects to other WR projects. Phase-I, 23 project, FY 2016-17.	

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3.6.0 Systemic approach for coping with flood															
3.6.1	Flood Forecasting by inclusion of additional Forecast stations for unrepresented areas/projects using hydrological and hydraulic modeling. (Nos.)	CWC	100 Nos.	23 Nos.	--	05 Nos.	23 Nos.	19 Nos.	--	--	--	--	24 Nos.	--	The network is proposed to be expanded from existing 176 flood forecasting stations to 276 stations to feed into the 276 flood forecasting stations. The total network of 1118 would be on automatic satellite based telemetry system.
3.6.2	Number of Flood Forecasts at existing 176 FF Stations (Nos.)	CWC	24,000 Nos.	6,000 Nos.	1,000	550	4,500	4,374	1,500	--	--	--	4,924 Nos.	18,000 Nos.	Flood forecasting activity is undertaken based on the network stated in para 3.6.1 in 2nd & 3rd quarters.

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4.0	Goal 4: Increasing water use efficiency by 20%														
4.1.1	Baseline Studies in Irrigation Sector. (Nos.)	NWM	25 Nos.	12 Nos.	--	--	--	04 Nos.	--	--	--	--	04 Nos.	02* Nos.	4 Project inception reports prepared by NERIWALM. Loktak lift irrigation Project- Manipur; Kaliabor lift irrigation Project- Assam; Pahumara Medium Irrigation Project- Assam; Sukla Lift Irrigation Project – Assam. * -ADB Studies.

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5.0 Goal 5: Promotion of basin level integrated water resources management															
5.1	Development of State Specific Action Plan (SSAP) for Water Sector (Nos.)	NWM	29 States and 7 UTs	22 States and 7 UTs	--	--	--	--	--	--	--	--	--	9 States	NERIWALM & NIH have been engaged as Nodal agencies. Gujarat, Madhya Pradesh, Karnataka, Maharashtra, Uttarakhand, Andhra Pradesh, Telangana, Tamil Nadu and Orissa.

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6.0 Waste Water Dimension and Pollution abatement															
6.1	Rural Sanitation program by MoDWS. (Individual Household latrines) (Nos.)	NMCG	1518,649 Nos.	--	--	--	--	285491 Nos	--	--	--	--	2,85,491 Nos.	5,08,528 Nos.	
6.2	Installation of online continuous effluent monitoring stations (Nos.)	NMCG	--	764 Nos.	508	508	48	48	--	--	--	--	556 units installed	--	556 units installed out of which 211 units have established data connectivity with CPCB server.
6.3	Real-Time Water Quality Monitoring Stations (Nos.)	NMCG	113 Nos.	36 (Phase-I)	--	--	--	--	--	--	36 Nos.	--	--	--	Contract signed on 11 July, 2016