

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2784**  
TO BE ANSWERED ON 07.08.2023

**National Wetland Inventory and Assessment**

2784. SHRI MAGUNTA SREENIVASULU REDDY:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) the details of the wetlands mapped under the National Wetland Inventory and Assessment (NWIA) that have been geo-referenced and super-imposed on the satellite imagery, State-wise;
- (b) whether the Government has initiated any programme for fully/partially funded State Governments to geo-reference the wetlands mapped under the NWIA; and
- (c) if so, the details thereof and if not, the reasons therefor?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(SHRI ASHWINI KUMAR CHOUBEY)

- (a) As per the "National Wetland Decadal Change Atlas, 2017 published by Space Applications Centre (SAC) - ISRO Ahmedabad under National Wetlands Inventory and Assessment (NWIA) Programme, a total of **2,31,195** wetlands (at 1:50000 scales and area  $\geq$  2.25 ha) have been mapped in the Country. The total wetland area estimated is 15.98 million hectare (mha) including rivers and excluding paddy field areas that is around 4.86% of the geographic area of the country. The State/UT-wise wetland distribution is at **Annexure**.
- (b) & (c) Ministry of Environment, Forest & Climate Change (MoEF&CC) is currently implementing a centrally sponsored scheme namely, National Plan for Conservation of Aquatic Eco-systems (NPCA) for conservation and management of wetlands (includes lakes) in the country on cost sharing basis between Central Government and respective State Governments. The scheme covers various activities such as interception, diversion and treatment of wastewater, shoreline protection, lake front development, in-situ cleaning i.e., desilting & de-weeding, storm water management, bioremediation, catchment area treatment, lake beautification, **survey & demarcation including geo-referencing**, bio-fencing, fisheries development, weed control, biodiversity conservation, education and awareness creation, community participation, etc.

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**Annexure**

**Annexure referred to in reply to part (a) of Lok Sabha Unstarred Q. No. 2784 to be answered on Monday, the 7<sup>th</sup> August, 2023 on 'National Wetland Inventory and Assessment'**

**State-wise wetland distribution in India**

<b>Decadal wetland inventory in different States</b>				
<b>Sr. No.</b>	<b>State Name</b>	<b>2017-18</b>		
		<b>Number</b>	<b>Area (ha)</b>	<b>Area (% of wetland)</b>
1	Andhra Pradesh	24104	1141606	7.14
2	Arunachal Pradesh	1182	151104	0.95
3	Assam	5902	849078	5.31
4	Bihar	4526	374766	2.34
5	Chhattisgarh	11457	342443	2.14
6	Goa	742	24749	0.15
7	Gujarat	17613	3499429	21.9
8	Haryana	1905	33649	0.21
9	Himachal Pradesh	215	94011	0.59
10	Jharkhand	2635	187045	1.17
11	Karnataka	14936	787127	4.93
12	Kerala	1399	158336	0.99
13	Madhya Pradesh	13947	861736	5.39
14	Maharashtra	25935	1152625	7.21
15	Manipur	132	67408	0.42
16	Meghalaya	225	31002	0.19
17	Mizoram	127	19476	0.12
18	Nagaland	148	21118	0.13
19	Odisha	13331	719942	4.5
20	Punjab	1190	47024	0.29
21	Rajasthan	13321	778824	4.87
22	Sikkim	259	7049	0.04
23	Tamil Nadu	26883	925712	5.79
24	Telangana	12338	566680	3.55
25	Tripura	416	18438	0.12
26	Uttar Pradesh	18555	1104562	6.91
27	Uttarakhand	172	112882	0.71
28	West Bengal	12955	1130127	7.07
29	Andaman & Nicobar	2774	143238	0.9

30	Chandigarh	11	336	0
31	Dadra Nagar Haveli	12	2063	0.01
32	Daman and Diu	59	2728	0.02
33	Delhi	123	2773	0.02
34	Jammu & Kashmir	404	164110	1.03
35	Lakshadweep	50	79716	0.5
36	Ladakh	1073	373049	2.33
37	Puducherry	139	5555	0.03
	<b>Total</b>	<b>231195</b>	<b>15981516</b>	<b>100</b>

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