Sl. No.	Meteorological Subdivisions	% Dep.
Central India		24%
1.	Odisha	-15%
2.	West Madhya Pradesh	89%
3.	East Madhya Pradesh	79%
4.	Gujarat Region	-47%
5.	Saurashtra and Kutch	-59%
6.	Konkan and Goa	26%
7.	Madhya Maharashtra	28%
8.	Marathwada	36%
9.	Vidarbha	65%
10.	Chhattisgarh	9%
South Peninsula		12%
1.	Andaman and Nicobar Islands	-5%
2.	Coastal Andhra Pradesh	35%
3.	Telangana	33%
4.	Rayalaseema	40%
5.	Tamil Nadu and Puducherry	7%
6.	Coastal Karnataka	5%
7.	North Interior Karnataka	23%
8.	South Interior Karnataka	13%
9.	Kerala	-14%
10.	Lakshadweep	-4%
COUNTRY AS A WHOLE		4%

Launching of National Monsoon Mission

2794. SHRIMATI RENUKA CHOWDHURY: Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether Government proposes to launch a National Monsoon Mission;

(b) if so, the salient features of the mission; and

(c) the steps taken by Government to develop a state-of-the-art dynamical prediction system for monsoon on different time scales?

THE MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES (SHRI Y. S. CHOWDARY): (a) Yes Sir. It has already been launched in 2012.

(b) Under the National Monsoon Mission initiative, the Indian Institute of Tropical Meteorology (IITM), Pune, Indian National Centre for Ocean Information Services (INCOIS), Hyderabad and National Centre for Medium Range Weather Forecasting (NCMRWF), NOIDA have embarked upon to build a state-of-the-art coupled ocean atmospheric model for (a) improved prediction of monsoon rainfall on extended range to seasonal time scale (16 days to one season) and (b) improved prediction of temperature, rainfall and extreme weather events on short to medium range time scale (up to 15 days) so that forecast skill gets quantitatively improved further for operational services of India Meteorological Department (IMD).

(c) The present long range forecast system based on the statistical models has shown some useful skill in predicting all India seasonal rainfall including the deficient monsoon season rainfall during 2015. However, in order to overcome the limitations of the statistical models used so far, dynamical coupled ocean-atmospheric model framework is put under exhaustive performance evaluation under the National Monsoon Mission.

For monsoon predictions, a state of the art dynamical prediction system was implemented for generating operational forecasts. These forecasts are generated by Indian Institute of Tropical Meteorology (IITM), Pune and are shared with the India Meteorological Department for operational use.

Desalination plants for coastal cities

2795. SHRI SACHIN RAMESH TENDULKAR: Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether the Ministry has considered procuring desalination plants for coastal cities hit by drought for urban, industrial and agricultural purposes;

(b) whether any study has been conducted on the cost-benefit analysis of the desalination plants; and

(c) whether the Ministry has consulted with foreign Government where this system is in operation?

THE MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES (SHRI Y. S. CHOWDARY): (a) No, Sir. The Ministry of Earth Sciences has no proposal for procuring desalination plants. However, National Institute of Ocean Technology (NIOT), an autonomous Institute under Ministry of Earth Sciences, has indigenously designed, developed and demonstrated desalination plants for conversion