

An understanding also exists between India and Nepal to extend the existing embankments on Lalbakeya, Bagmati, Kamla & Khando rivers into Nepalese territory upto the non-spilling zone and tie them up with high ground with corresponding strengthening of embankments on the Indian side.

As regards Bhutan, the technical delegation of India & Bhutan met in Delhi on 2nd August 2004 and agreed to set up a Joint Group of Experts to discuss and assess the probable causes and effects of recurring floods and erosion in the southern foothills of Bhutan and adjoining plains in India.

Further, as a part of non-structural measures for flood management, cooperation exists between India and Nepal as well as Bhutan under which the hydrological data received from these countries is utilised for flood forecasts on the Indian side.

### **Land under irrigation**

1459. SHRI MATILAL SARKAR: Will the Minister of WATER RESOURCES be pleased to state:

- (a) the percentage of land covered by irrigation schemes so far, State-wise;
- (b) the percentage of coverage by irrigation from surface water and from underground water, State-wise; and
- (c) the target of Government to increase irrigation opportunities during the coming financial year?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAI PRAKASH NARAYAN YADAV): (a) and (b) Statewise percentage of land covered under irrigation along with its break up into percentage of land under surface water irrigation and ground water irrigation are given in the Statement (*See below*).

(c) As per information provided by State Governments to the Planning Commission, overall target of 14.22 million hectare has been set for creation of irrigation potential during the Tenth Five Year Plan. The annual targets are set by respective State Governments as per annual outlay.

[17 August, 2004]

RAJYA SABHA

**Statement**

*State-wise percentage of land covered under irrigation*

Name of State	Gross cropped	% of Gross irrigated area at the end of IX Plan over Gross Cropped Area		
	area (Thousand Hectare)	% Area under Surface Water irrigation	% Area under Ground Water irrigation	% of land covered under irrigation
Andhra Pradesh	13023.00	31.41	13.38	44.79
Arunachal Pradesh	264.00	28.91	0.41	29.32
Assam	4093.00	8.57	7.76	16.33
Bihar & Jharkhand	9979.00	26.95	34.94	61.89
Goa	171.00	18.21	2.45	20.66
Gujarat	10152.00	14.50	16.80	31.29
Haryana	6029.00	30.77	26.09	56.86
Himachal Pradesh	957.00	13.65	1.59	15.24
Jammu & Kashmir	1078.00	48.36	1.31	49.68
Karnataka	12097.00	18.16	9.83	28.00
Kerala	3002.00	32.37	6.36	38.73
MP & Chhattisgarh	26207.00	8.87	6.81	15.67
Maharashtra	22351.00	13.08	7.97	21.05
Manipur	199.00	13.12	0.04	13.16
Meghalaya	266.00	17.36	0.43	17.79
Mizoram	91.00	14.58	0.89	15.47
Nagaland	295.00	22.09	0.16	22.25
Orissa	8524.00	31.29	5.45	36.74
Punjab	8240.00	30.25	40.79	71.04
Rajasthan	19286.00	12.41	11.84	24.24
Sikkim	121.00	19.51	0.00	19.51
Tamil Nadu	6519.00	36.76	19.52	56.28
Tripura	420.00	19.53	4.42	23.95
UP & Uttaranchal	26640.00	25.47	48.53	74.00
West Bengal	9545.00	27.14	24.86	52.00
UTs	189.00	7.34	13.48	20.82
All India	189738.00	20.34	19.59	39.93