

ACTION PLAN TO PREVENT FLOOD

Relevant for: Environment | Topic: Disaster and disaster management

Floods are natural calamity that the country faces almost every year, in varying degrees of magnitude. The occurrence of floods can be attributed to various factors, including wide variations in rainfall both in time and space with frequent departures from the normal pattern, inadequate carrying capacities of rivers, river bank erosion and silting of river beds, landslides, poor natural drainage in flood prone areas, snowmelt and glacial lake out-bursts. Central Water Commission compiles flood damage data on the basis of information received from States. As per the data of last 20 years, no trend is perceived in the economic loss because of floods in the State of Assam. Maximum loss occurred in economic term was Rs 4164.81 Cr in year 2017. Statement showing flood damages during last twenty years in State of Assam is given at **Annexure-I**.

Flood management comes under the purview of the States; the schemes for flood control and erosion control are formulated and implemented by concerned States as per their priority. The Union Government supplements the efforts of the States by providing technical guidance and promotional financial assistance for management of floods in critical areas. During XI Plan, Government of India had launched Flood Management Programme (FMP) for providing central assistance to States for works related to flood management and erosion control, etc. with an outlay of Rs 8,000 Cr which continued during XII Plan with an outlay of Rs 10,000 Cr. Financial assistance was also provided to the States/UTs for undertaking flood management works project under the scheme "River Management Activities and Works related to Border Areas" during XII Plan. The "Flood Management Programme (FMP)" and "River Management Activities & Works related to Border Areas (RMBA)" under operation during XII Five Year Plan were merged as "Flood Management and Border Areas Programme (FMBAP)" for the period 2017-18 to 2019-20 and further extended upto March, 2021.

In Assam, a total 141 projects costing Rs 2383.11 Cr were approved during XI Plan and XII Plan. A Central Assistance of Rs 748.86 Cr was released during XI Plan and Rs. 64.89 Cr during XII Plan. Further, a Central Assistance of Rs 245.49 Cr was released to Assam during year 2017-18, Rs 142.12 Cr in the year 2018-19 and Rs 85.03 Crores in the year 2019-20. Thus, since start of XI Plan, total Central Assistance released to the state of Assam is Rs 1286.39 Cr. Out of these 141 projects, 105 projects have been completed which has given reasonable protection to an area of 6.7 Lakh ha and protected a population of 160.63 lakh.

The state-wise details of central assistance released under Flood Management Programme is given at **Annexure-II**

This Information was given by the Minister of State for Jal Shakti, ShriBishweswarTudu in a written reply in Lok Sabha today.

Annexure-I

Flood Damage data in Assam during 2000-2020

Year

Area

affected

m.ha

Population

Affected in

million

Damage to Crops

Damage to Houses

Cattle

lost

nos.

Human lives

lost

nos.

Damage to

public

utilities

in Rs. Crore

Total damages

crops, houses &

public utilities in

Rs. Crore

(Col.5+7+10)

Area

m.ha

Value

in

Rs. Crore

Nos.

Value
in
Rs. Crore

1

2

3

4

5

6

7

8

9

10

11

2000

0.966

3.888

0.32

173.51

55014

16.48

19988

36

54.063

244.064

2001

0.203

0.543

0.03

8.358

14680

2.595

15

4

0.196

11.149

2002

1.187

7.551

0.29

145.60

96705

41.18

4294

65

566.243

753.030

2003

0.932

5.652

0.93

147.00

74638

18.69

4319

52

181.402

347.094

2004

2.364

12.63

0.52

37.470

663168

2.190

118772

497

17.685

57.345

2005

0.222

1.025

9.84

23.470

10789

9.344

15

29

0.068

32.882

2006

0.058

0.555

0.01

1.110

7346

1.630

28

7

0.240

2.980

2007

1.504

10.86

0.67

NR

15846

NR

NR

134

NR

NR

2008

0.416

2.906

0.31

3.290

56550

0.029

8002

40

0.233

3.552

2009

NR

NR

NR

NR

NR

NR

NR

NR

NR

NR

2010

0.000

2.546

1.47

36.788

54502

10.99

3754

17

19.783

67.567

2011

NR

NR

NR

NR

NR

NR

NR

NR

NR

NR

2012

0.935

2.914

0.32

NR

NR

NR

6249

144

3200.31

3200.310

2013

0.001

0.006

0.00

NR

NR

NR

NR

NR

13.843

13.843

2014

0.002

0.003

0.00

NR

NR

NR

NR

NR

2.393

2.393

2015

0.002

0.018

0.02

NR

16

NR

NR

NR

3.318

3.318

2016

NR

0.003

0.00

NR

NR

NR

NR

36

17.890

17.890

2017

0.280

5.602

0.20

178.69

111070

90.94

2763

160

3895.18

4164.810

2018

0.043

1.322

0.03

23.490

102737

84.01

122

53

2373.48

2480.980

2019

0.233

7.355

0.23

167.47

117831

151.4

281

103

2803.11

3121.980

2020

0.188

5.789

0.18

145.87

8122

93.36

702

150

2201.50

2440.730

NR- Not Reported

Annexure-II

State-wise funds released under FMP Component up to 2020-21

(Rs. In crores)

Sl. No.

State

Total funds released under FMP

1

Arunachal Pradesh

190.78

2

Assam

1286.39

3

Bihar

924.41

4

Chhattisgarh

19.32

5

Goa

11.98

6

Gujarat

2.00

7

Haryana

46.91

8

Himachal Pradesh

826.22

9

Jammu & Kashmir

688.00

10

Jharkhand

22.71

11

Karnataka

23.80

12

Kerala

137.95

13

Manipur

90.70

14

Meghalaya

3.81

15

Mizoram

16.89

16

Nagaland

93.96

17

Odisha

116.91

18

Puducherry

7.50

19

Punjab

40.43

20

Sikkim

91.84

21

Tamilnadu

59.82

22

Tripura

23.62

23

Uttar Pradesh

470.18

24

Uttarakhand

243.82

25

West Bengal

1007.81

Total

6447.76

BY/AS

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END

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