

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 6289
ANSWERED ON 05.04.2018

PREVENTION OF FLOODS IN ASSAM

6289. SHRI BADRUDDIN AJMAL

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether the Government has taken note of huge loss of lives and properties as well as large scale land erosion due to floods every year in Assam and if so, the details therefor;
- (b) the details of the schemes/projects launched for prevention of losses due to flood and erosion; and
- (c) the quantum of funds allocated and utilized during each of the last three years, scheme-wise?

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION & PARLIAMENTARY AFFAIRS

(SHRI ARJUN RAM MEGHWAL)

- (a) As per data base maintained by Central Water Commission (CWC), the details of damage in Assam due to flood from the year 1953 to 2017 is enclosed at **Annexure-I**.
- (b) The subject of flood management being under the purview of the States, the schemes for flood 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. The Government of India has launched Flood Management Programme (FMP) during XI Plan for providing central assistance to States for works related to river management, anti-erosion, restoration of damage flood management works, anti-sea erosion etc. which has been continued. Under this programme, the funds released to State Government of Assam during XI and XII Plans amounts to Rs. 813.75 crore. Further, during the Financial Year 2015-16 amount of Rs. 47.14 Crores and during the Financial Year 2017-18 amount of Rs. 245.49 Crores has been released to State Government of Assam.
- (c) The details of the funds allocated and utilised by the State Government of Assam during the last three years is enclosed in **Annexure-II**.

Annexure-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 6289 TO BE ANSWERED IN LOK SABHA ON 05.04.2018 REGARDING "PREVENTION OF FLOODS IN ASSAM"

Sl. No.	ASSAM STATEMENT SHOWING FLOOD DAMAGE DURING 1953 TO 2017										
	Year	Area affected m.ha	Population affected 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.6+8+11)
				Area m.ha	Value in Rs.Crore	Nos.	Value in Rs.Crore				
1	2	3	4	5	6	7	8	9	10	11	12
1	1953	0.080	0.410	Neg	2.120	Neg	0.290	837	4	0.250	2.660
2	1954	3.150	1.680	0.270	10.620	Nil	Nil	16505	32	5.147	15.767
3	1955	1.410	0.800	0.090	2.466	Nil	Nil	3558	0	1.240	3.706
4	1956	0.600	0.560	0.080	3.098	8737	0.130	1561	19	0.036	3.264
5	1957	0.400	0.310	0.020	1.007	1867	0.043	267	5	3.465	4.515
6	1958	1.250	0.470	0.070	1.705	2138	0.028	426	4	0.968	2.701
7	1959	1.040	1.760	0.190	6.065	53505	0.252	4762	20	2.082	8.399
8	1960	0.470	1.320	0.220	7.629	18088	0.082	7204	14	0.050	7.761
9	1961	0.190	0.250	0.020	0.431	773	0.064	442	3	0.083	0.578
10	1962	1.620	4.050	0.380	19.205	44530	0.676	33845	115	0.447	20.328
11	1963	0.580	0.830	0.080	1.974	5030	0.081	478	13	Neg	2.055
12	1964	0.760	0.770	0.150	2.381	9041	0.055	1649	10	0.020	2.456
13	1965	0.600	0.240	0.020	0.650	1616	0.030	232	5	0.010	0.690
14	1966	1.780	4.650	0.400	21.700	33296	0.590	6848	57	0.240	22.530
15	1967	0.260	0.680	0.070	2.380	3995	0.050	420	3	0.010	2.440
16	1968	0.410	0.920	0.130	8.032	6656	0.329	2853	19	Nil	8.361
17	1969	0.810	1.470	0.100	5.509	44491	0.863	10074	12	2.096	8.468
18	1970	0.720	1.710	0.200	8.603	57746	0.890	4235	37	0.936	10.429
19	1971	0.360	0.670	0.110	4.721	6098	0.889	1512	1	0.020	5.630
20	1972	1.100	3.200	0.380	23.248	37139	0.668	17180	116	0.234	24.150
21	1973	2.750	2.290	0.290	15.680	33556	0.754	3159	19	0.060	16.494
22	1974	1.120	2.850	0.260	17.767	70664	1.407	12715	40	0.065	19.239
23	1975	0.010	0.030	0.010	0.320	11100	0.016	2500	4	Nil	0.336
24	1976	0.570	1.460	0.110	8.652	58817	2.745	1945	67	0.583	11.980
25	1977	1.100	4.550	0.450	26.537	45327	1.587	26707	76	2.960	31.084
26	1978	0.310	0.920	0.080	3.925	23423	0.294	144	2	0.050	4.269
27	1979	0.670	2.350	0.240	26.142	22690	1.234	6062	29	0.784	28.160
28	1980	1.160	3.360	0.290	32.366	37457	2.235	9155	57	5.199	39.800
29	1981	0.460	1.360	0.070	7.011	1169	0.225	991	21	0.162	7.398
30	1982	0.610	1.420	0.100	8.900	4661	0.173	227	16	12.822	21.895
31	1983	0.730	2.260	0.140	14.743	22939	1.157	2735	22	40.279	56.179
32	1984	1.520	5.680	0.490	48.985	168800	1.061	26239	90	0.778	50.824
33	1985	0.650	2.380	0.080	1.979	114390	0.004	702	59	52.754	54.737
34	1986	0.430	2.350	0.320	98.010	322320	0.971	2600	15	105.615	204.596
35	1987	1.530	10.490	0.990	139.040	401110	75.210	108913	127	132.350	346.600
36	1988	3.820	8.410	1.130	334.100	618272	103.920	46210	232	225.821	663.841
37	1989	0.720	2.530	0.370	69.150	116051	16.250	3086	34	223.223	308.623
38	1990	0.488	1.692	0.207	63.700	36685	4.191	4787	28	6.649	74.540
39	1991	1.000	5.307	0.348	117.050	321355	43.166	21627	108	32.428	192.644
40	1992	0.231	0.997	0.043	17.898	10012	2.209	58	12	4.978	25.085
41	1993	1.249	5.361	0.215	51.090	189645	17.770	13560	72	16.460	85.320
42	1994	0.053	0.177	0.025	8.377	2557	0.371	95	7	0	8.748
43	1995	0.700	6.553	0.218	0	38644	0	12860	53	0	0.000
44	1996	1.001	3.073	0.502	52.042	27539	8.074	3000	37	0	60.116
45	1997	0.753	2.751	0.103	19.456	18104	9.985	1961	28	6.920	36.361
46	1998	1.324	6.957	0.478	463.304	220436	33.646	86224	125	82.957	579.907
47	1999	0.223	0.891	0.059	50.461	13280	1.499	992	3	2.185	54.145

48	2000	0.966	3.888	0.322	173.516	55014	16.485	19988	36	54.063	244.064
49	2001	0.203	0.543	0.036	8.358	14680	2.595	15	4	0.196	11.149
50	2002	1.187	7.551	0.299	145.600	96705	41.187	4294	65	566.243	753.030
51	2003	0.932	5.652	0.932	147.000	74638	18.692	4319	52	181.402	347.094
52	2004	2.364	12.637	0.522	37.470	663168	2.190	118772	497	17.685	57.345
53	2005	0.222	1.025	9.840	23.470	10789	9.344	15	29	0.068	32.882
54	2006	0.058	0.555	0.010	1.110	7346	1.630	28	7	0.240	2.980
55	2007	1.504	10.867	0.675	0.000	15846	0.000	0	134	0.000	0.000
56	2008	0.416	2.906	0.314	3.290	56550	0.029	8002	40	0.233	3.552
57	2009	0.000	0.000	0.000	0.000	0	0.000	0	0	0.000	0.000
58	2010	0.000	2.546	1.470	36.788	54502	10.996	3754	17	19.783	67.567
59	2011	0.000	0.000	0.000	0.000	0	0.000	0	0	0.000	0.000
60	2012	0.935	2.914	0.328	0.000	0	0.000	6249	144	3200.310	3200.310
61	2013	0.001	0.006	0.001	0.000	0	0.000	0	0	13.843	13.843
62	2014	0.002	0.003	0.002	0.000	0	0.000	0	0	2.393	2.393
63	2015	0.002	0.018	0.002		16				3.318	3.318
64	2016		0.003	0.000					36	17.890	17.890
65	2017	0.398	5.602	0.398		78287			160		0.000
	TOTAL	51.962	171.915	25.749	2406.831	4413290	439.312	679578	3093	5051.083	7897.226
	Average	0.812	2.645	0.402	38.820	72349	7.322	10961	48	82.805	121.496
	Maximum	3.820	12.637	9.840	463.304	663168	103.920	118772	497	3200.310	3200.310
	(Year)	(1988)	(2004)	(2005)	(1998)	(2004)	(1988)	(2004)	(2004)	(2012)	(2012)

Annexure-II

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 6289 TO BE ANSWERED IN LOK SABHA ON 05.04.2018 REGARDING "PREVENTION OF FLOODS IN ASSAM"

Fund allocated and utilised by the water Resources Department, Assam during 2015-16, 2016-17 & 2017 -18

(Rs. In Lakh)

Plan fund	Year	Budget allocation of the Department	Amount of expenditure/ utilisation by the Department
		(Works only)	(Works only)
State-Plan	2015-16	5654.00	625.96
	2016-17	7896.83	5098.49
	2017-18	8993.64	261.96
	TOTAL	22544.47	5986.41
NABARD	2015-16	10840.00	6539.05
	2016-17	18761.00	18470.25
	2017-18	26600.00	5521.58
	TOTAL	56201.00	30530.87
N.E.C	2015-16	1406.42	298.61
	2016-17	391.01	91.12
	2017-18	168.01	86.05
	TOTAL	1965.44	475.78
N.L.C.P.R	2015-16	589.00	0.00
	2016-17	97.19	97.19
	2017-18	0.00	0.00
	TOTAL	686.19	97.19
CLA/CSS/EFC/FMP	2015-16	123100.00	2802.36
	2016-17	122617.23	2722.54
	2017-18	161344.61	1768.95
	TOTAL	407061.84	7293.85
FMP State Share	2015-16	15000.00	7163.06
	2016-17	23436.99	0.00
	2017-18	23437.00	0.00
	TOTAL	61873.99	7163.06
EAP	2015-16	5002.00	0.00
	2016-17	20744.00	16244.00
	2017-18	13346.63	0.00
	TOTAL	39092.63	16244.00
C.M's Barak Valley Package	2015-16	6250.00	747.97
	2016-17	3807.73	3807.34
	2017-18	2606.36	645.51
	TOTAL	12664.09	5200.82
SPA	2015-16	5966.44	928.44
	2016-17	0.00	0.00
	2017-18	0.00	0.00
	TOTAL	5966.44	928.44
State Share of RIDF	2015-16	0.00	0.00
	2016-17	2397.00	895.79
	2017-18	21915.55	236.14
	TOTAL	24312.55	1131.92
GRAND TOTAL		632368.64	75052.35