

DROUGHT MANAGEMENT

Department of Agriculture, Cooperation & Farmers Welfare (DAC&FW) is mandated to coordinate relief measures necessitated by **drought, hailstorm, pest attack, frost/cold wave**. Spatial distribution and quantum of rainfall during South-West Monsoon (June-September) mainly determines the incidence of drought in the country, as South-West Monsoon accounts for more than 70% of annual rainfall. DAC&FW monitors progress of South-West Monsoon in the country, in close coordination with India Meteorological Department (IMD) and keeps a watch over deficient/scarcity rainfall conditions.

The Department also reviews and update the Crisis Management Plan (CMP) every year. The Plan defines roles and responsibilities of various agencies involved in crisis management during drought.

State Governments initiate necessary relief measures in the wake of natural calamities including drought from State Disaster Response Fund (SDRF) which is readily available with them. Contribution to SDRF is made by Central and State Governments in the ratio of 3:1 for general category States (18 out of 29 namely, Andhra Pradesh, Telangana, Bihar, Chhattisgarh, Goa, Gujarat, Haryana, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal) and in the ratio of 9:1 for special category States (11 out of 29 i.e. 8 North East States namely, Arunachal Pradesh, Assam, Meghalaya, Manipur, Mizoram, Nagaland, Tripura Sikkim and 3 hilly States of Himachal Pradesh, Jammu & Kashmir and Uttarakhand). Government of India provides additional financial assistance from National Disaster Response Fund (NDRF), over and above SDRF, for natural calamities of severe nature as per established procedure and extant norms. Allocation under SDRF has been made on the basis of recommendations of the Finance Commission for a period of 5 years. Allocation of funds under State Disaster Response Fund(SDRF) almost doubled from Rs.33580.93 cores during 2010-15 to Rs. 61,220 crores during 2015-2020.

Assistance approved so far to States from NDRF since 2010-11 to as on 2015-16 to mitigate natural calamities including drought is at Annexure.

Annexure

**Assistance from National Disaster Response Fund (NDRF) for Natural Calamities
(Drought, hailstorm, pest attack & cold wave/frost) in the States**

(Rs. in crores)

Sl. No.	Name of State	Calamity	Central assistance approved by GOI (under N.D.R.F)
During - 2010-2011			
1.	Bihar	Drought	1459.54
2.	Jharkhand	Drought	855.30
3.	Odisha	Drought	376.55
4.	West Bengal	Drought	724.99
	Total:		3416.38
During - 2011-2012			
1.	Andhra Pradesh	Drought	706.15
2.	Haryana	Cold wave/Frost	31.10
3.	Karnataka	Drought	186.68
		Drought-R	282.35
4.	Maharashtra	Drought-R	574.71
	Total:		1780.99
During - 2012-2013			
1.	Karnataka	Drought	526.06
2.	Maharashtra	Drought	778.09
		Drought-R	1036.98
3.	Kerala	Drought	62.61
		Drought-R	107.89
4.	Gujarat	Drought	864.71
5.	Rajasthan	Drought	320.64
6.	Andhra Pradesh	Drought	142.97
7.	Tamil Nadu	Drought	624.69
	Total:		4464.64
During - 2013-2014			
1.	Bihar	Drought	931.87
2.	Karnataka	Drought	226.57
		Hailstorm	82.77
3.	Andhra Pradesh	Drought	254.54
		Hailstorm	40.06
4.	Maharashtra	Hailstorm	552.88
5.	Madhya Pradesh	Hailstorm	494.95
6.	Uttar Pradesh	Hailstorm	270.55
	Total:		2854.19
During - 2014-2015			
1.	Haryana	Drought	168.87
		Hailstorm	369.09

2.	Karnataka	Drought Hailstorm	200.85 105.33
3.	Uttar Pradesh	Drought Hailstorm	777.34 2801.59
4.	Maharashtra	Drought	1962.99
5.	Andhra Pradesh	Drought	237.51
6.	Rajasthan	Hailstorm	1447.73
7.	Bihar	Hailstorm	791.42
8.	Telangana	Hailstorm	83.744
9.	Himachal Pradesh	Hailstorm	71.534
	Total:		9017.998
During - 2015-2016			
1.	Karnataka	Drought Drought-R	1540.20 723.23
2.	Chhattisgarh	Drought	1276.25
3.	Madhya Pradesh	Drought	2032.68
4.	Maharashtra	Drought Drought (Supplementary) Drought-R	3049.36 589.47 679.54
5.	Odisha	Drought	815.00
6.	Telangana	Drought	791.21
7.	Uttar Pradesh	Drought Drought-R	1304.52 622.76
8.	Andhra Pradesh	Drought	433.77
9.	Jharkhand	Drought	336.94
10.	Rajasthan	Drought Hailstorm	1193.41 79.18
	Total:		15467.52

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