

**Ministry of Home Affairs
Disaster Management Division
(National Emergency Response Centre)**

Situation report as on 16th October' 2020 at 2000 Hrs.

1. Brief about flood situation/ damage report during last 24 hours is as under.

SL No	Name of State/UTs	No of Districts affected	No of Villages affected	Population Affected	Human Lives lost	Houses damaged	No. of Persons evacuated	No. of relief centre opened	Inmates in relief camps
	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)
01.	Andhra Pradesh	08	207	14470	-	5	8540	24	8500
02	Karnataka	05	40	25000	01 (House Collapse)	Fully-31 Partially-1267	20,000	136	19497

- State wise details is at **Annexure – I**

2. Total 108 Teams of NDRF have been deployed across the country. State wise deployment is at – **Annexure-II.**

3. **Forecast:**

- **India Meteorological Department (IMD)**

Date	Rainfall intensity and Probability	Region
16.10.2020	Heavy rainfall	Very likely at isolated places over Andaman & Nicobar Islands, south Konkan & Goa, north Coastal Andhra Pradesh and south Gujarat.
	Thunderstorm with lightning	Very likely at isolated places over Vidarbha, Chhattisgarh, Gangetic West Bengal, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat state, Marathawada, Madhya Maharashtra, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.
17.10.2020	Heavy rainfall	Very likely at isolated places over Gujarat state and Tamilnadu, Puducherry & Karaikal.
	Thunderstorm with lightning	Very likely at isolated places over Nagaland, Manipur, Mizoram & Tripura, Gujarat state, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Tamilnadu, Puducherry & Karaikal.

Well marked low pressure area over south Madhya Maharashtra & adjoining south Konkan :-

- A Well Marked Low Pressure Area lies over Eastcentral Arabian Sea off north Maharashtra coast with associated cyclonic circulation extending upto mid-tropospheric levels. It is very likely to move west-northwestwards and concentrate into a Depression over Eastcentral & adjoining Northeast Arabian Sea off north Maharashtra-south Gujarat coasts during next 24 hours.
- A fresh Low pressure area likely to form over central Bay of Bengal around 19th October. It is likely to become more marked during subsequent 24 hours. Under its influence, heavy to very heavy rainfall is likely at isolated places over Odisha and Coastal Andhra Pradesh and heavy rainfall at isolated places over the rest of the east peninsular coast of India during 18th-19th October, 2020.

CENTRAL WATER COMMISSION (CWC):-

➤ **Red Warning (Extreme Flood Situation) - Nil**

State	Rivers	Locations	District	River Status (Above Danger Level)	River Trend
Maharashtra	Bhima	Wadakbal	Solapur	- Mtrs.	Falling

➤ **Orange Warning (Severe Flood Situation)**

State	Rivers	Locations	District	River Status (Above Danger Level)	River Trend
Karnataka	Bhima	Deongaon Bridge	Gulbarga	2.10 Mtrs.	Rising
Tamilnadu	Paralayar	Thiruvattar	Kanyakumari	0.42 Mtrs.	Falling

4. Brief about SMS alert sent by NERC in last 24 hours is attached as – **Annexure- III**

01. Andhra Pradesh:

		01.06.2020 to 16.10.2020	During last 24 hours
i.	Rainfall	843.2 mm	2.1 mm
ii.	No. of Districts affected	10 (West Godavari, East Godavari, Kurnool, Prakasam, Krishna, YSR Kadapa, Guntur, Nellore, Visakapatnam & Srikakulam)	08 (Srikakulam, Visakapatnam, East Godavari, West Godavari, Krishna, Kurnool, Nellore and Guntur)
iii.	No. of villages affected	2411	207
iv.	Population affected	440673	14470
v.	Human lives lost	27	-
vi.	No. of missing	06	-
vii.	No. of injured	-	-
viii.	Houses damaged	4231	05
ix.	Animal affected	Big- 269, Small- 137, Poultry Birds-7630	Big animal- Nil Poultry Birds- Nil
x.	No. of persons evacuated	124539	8540
xi.	No. of Relief centre opened	289	24
xii.	Inmates in relief camps	112693	8500
xiii.	Relief material distributed	Food Packets-53594 Water Packets- 114116	Food Packets-15922 Water Packets- 36292
xiv.	Total crop area affected (in hectares)	Agriculture – 144412.558 Ha Horticulture – 42521.15 Ha	Agriculture-2375 Ha, Horticulture- 1085 Ha..
xv.	Infrastructure damage	1. A total length of 673.78 KM Road surface road has been damaged in East Godavari district. 2. A total length of 1475.86 KM Road surface has been damaged in West Godavari district. 3. A total length of 702.742 KM road surface has been damaged in Kurnool District 4. A total length of 443.565 KM road surface has been damaged in Krishna district. 5. A total length of 448.9 KM road surface has been damaged in YSR Kadapa district. 6. A total length of 2329.01 KM Road surface road has been damaged in Visakapatnam, East Godavari, West Godavari, Krishna, Guntur and YSR Kadapa and Srikakulam districts.	1. A Total Length of 402 KM road surface has been damaged in Guntur district.

Assistance provided by Government of India:-

i.	NDRF	06 Teams
ii.	Air Force/Navy/ Army	-
iii.	Other Central Government Ministry/Department	-

Deployment of SDRF, Local, Police and other forces:-

i.	SDRF/ Civil Defense Team	06 (Strenght-95)
ii.	State Police/ Fire	-
iii.	Boat	03

02. Karnataka:

		1 st June 2020 to till date	During last 24 hours
i.	Rainfall	1104 mm	03 mm
ii.	No. of Districts affected	24 (Belagavi, Uttara Kannada, Kodagu, Chikkamagaluru, Dakshina Kannada, Dharwad, Shivamogga, Hassan, Udupi, Mandya, Ballari, Mysuru, Haveri, Bagalkot, Gadag, Yadgir, Bidar, Koppal, Chitradurga, Kalaburagi, Davanagere, Chamarajanagar, Raichur and Vijayapura)	05 (Kalaburagi, Yadgir, Vijayapura, Koppal, Raichur)
iii.	No. of villages affected	1268	40
iv.	Population affected	25719	25000
v.	Human lives lost	142	01 (House Collapse)
vi.	No. of missing	06	-
vii.	No. of injured	06	-
viii.	Houses damaged	Fully- 3767 Partially- 25614	Fully- 31 Partially- 1267
ix.	Animal affected	1079	517
x.	No. of persons evacuated	26742	20,000
xi.	No. of Relief centre opened	244	136
xii.	Inmates in relief camps	26288	19497
xiii.	Relief material distributed	Food, clothing, Medicine, clean water and other necessary items provided	Necessary relief materials provided in relief camps
xiv.	Total crop area affected (in hectares)	1310274	254767 ha crop loss survey still in progress
xv.	Infrastructure damage	Roads 30164 km (State Highway and MDR-4692, Village Road-22800, Urban Road-2672), Bridges/culvert-3419, MI and ZP tanks 826, No. of poles-27224, supply lines 11765 km, transformers-2528, no. of schools-2925, anganwadi and community buildings-1979, PHCs-155, drinking water supply structures 219, water supply and sanitation 118	Assessment is progress

Assistance provided by Government of India:-

i.	NDRF	12 Teams
ii.	Air Force/Navy/ Army	-
iii.	Other Central Government Ministry/Department	-

Deployment of SDRF, Local, Police and other forces:-

i.	SDRF/ Civil Defense Team	04 SDRM teams
ii.	State Police/ Fire	Fire and Emergency teams involved in rescue operations in Udupi
iii.	Boat	50 boats

Today NIL reports have been received from 08 State/ UTs:- Goa, Kerala, Maharashtra, Meghalaya, Nagaland, Tripura, Andaman & Nicobar and Dadra & Nagar Haveli.

Situation report has not been received from 27 State/ UT:- Arunachal Pradesh, Assam, Bihar, Gujarat, Chhattisgarh, Jharkhand, Manipur, Mizoram, Haryana, Odisha, Himachal Pradesh, Madhya Pradesh, Rajasthan, Punjab, Sikkim, Tamil Nadu, Telangana, Uttarakhand, Uttar Pradesh, West Bengal, Chandigarh, Delhi, Ladakh, Daman & Diu, Lakshadweep, Puducherry and J&K.

Statewise RRC/Prepositioning/Ops Teams of NDRF as on 16.10.2020

S.N	State	RRC / Team locs.	Total Teams
01	Assam	Guwahati	14
		Bongaigaon	
		Barpeta	
		Jorhat	
		Cachar	
		Kamrup Rural	
		Dhemaji	
		Sonitpur	
		Sivasagar	
		Tinsukia	
02	Arunachal Pradesh	West Kemang	02
		Lower Dibang Valley	
03	Andman& Nicobar	Portblair (RRC)	01
04	Andhra Pradesh	Vishakhapatnam (RRC) (03T of 03Bn en-route)	06
		East Godavari	
		Krishna	
05	Bihar	Supaul	06
		Patna	
		Motihari	
		Saran	
06	Chhattisgarh	Durg	01
07	Gujarat	Gandhinagar (RRC)	03
08	Haryana	Panchkula (RRC)	01
09	Himachal Pradesh	Nurpur (RRC)	03
10	Jharkhand	Ranchi (RRC)	02
		Deoghar	
11	J& K	Srinagar (RRC)	01
12	Kerala	Thrissur (RRC)	02
13	Karnataka	Bengaluru (RRC)	12
		Kodagu	
		Belagavi (01T of 05Bn)	
		Kalaburgi(02T enrout.)(01T of 05Bn)	
		Yadgiri(Team enrout)	
		Dakshin Kannada	
14	Maharashtra	Mumbai Andheri	09
		Nagpur	
		Raigarh	
		Solapur	
		Pune	
15	Madhya Pradesh	Bhopal (RRC) (02 boat with OBM provided by SDRF)	02
16	Mizoram	Aizawal (RRC)	01
17	Manipur	Imphal	01
18	Nagaland	Kohima(RRC)	01
19	New Delhi	Dwarka (RRC)	04
		R.K. Puram (RRC)	
		IGI Airport	
		Jamnagar House	
20	Odisha	Balasore (RRC)	01
21	Punjab	Ladhowal (Ludhiana)	03
22	Rajasthan	Ajmer (RRC)	03
23	Sikkim	Pakyong, East Sikkim (RRC)	02
24	Tamil Nadu	Adiyar,Chennai (RRC)	01

25	Telangana	Hyderabad (RRC) (flood ops)	03
		Ranga Reddy (flood ops)	
26	Tripura	Agartala (RRC)	03
		Unakoti	
27	Uttar Pradesh	Lucknow (RRC)	06
		Gorakhpur (RRC)	
		Varanasi Ghat	
		Ballia	
		Pryagraj	
28	Uttarakhand	Jhajra, Dehradun (RRC)	04
		Pithoragarh	
		Chamoli	
		Uttarkashi	
29	West Bengal	Siliguri (RRC)	10
		Rajarhat, Kolkata (RRC)	
		Ghatal, PaschimMednipur	
		Kakdwip, 24South Pargana	
		Arambag, Hooghly	
		Kalimpong	
		Hasnabad, 24North Pargana	
TOTAL			108

SMS sent by NERC during last 24 hours

S/N	Category	Name of the State/UTs	Brief	No of persons Died/ Injured	Remarks & Name of the Nodal person
01	CWC alert (Orange Bulletin)	Karnataka & Tamilnadu	As per CWC Orange Bulletin 1034 dated 16.10.2020. River Bhima at Deongaon Bridge in Gulbarga district with Rising trend continues to flow in SEVERE SITUATION. River Paralayar at Thiruvattar in Kanyakumari district with Falling trend continues to flow in SEVERE SITUATION.	-	-
02	CWC alert (Red Bulletin)	Maharashtra	As per CWC Red Bulletin 586 dated 16.10.2020. River Bhima at Wadakbal in Solapur district of Maharashtra continues to flow in EXTREME FLOOD SITUATION at 16:00 hrs today. At 16:00 hrs, it was flowing at a level of 429.1 m with Falling trend which is - m above its Danger Level of m and 0.54 m above its previous HFL of 428.563 m (1989-09-29).	-	-
03	IMD Bulletin	Maharashtra, Gujarat, Daman & Diu, Dadra Nagar Haveli, Goa, Karnataka, Kerala & Lakshadweep.	As per IMD Bulletin No 01 issued at 0820 hrs dated 16th October '2020. Well marked low pressure area over East Central Arabian off North Maharashtra coast. The well marked low pressure area over Konkan and neighbourhood moved west-northwestwards and emerged into east-central Arabian Sea. It lay centered over east-central Arabian Sea off North Maharashtra coast at 0530 hrs IST of today, the 16th October 2020. It is very likely to move further west-northwestwards and concentrate into a Depression over eastcentral & adjoining northeast Arabian Sea off north Maharashtra - south Gujarat coasts during next 24 hours. Light to moderate rainfall at many places likely over north Konkan and at a few places over south Konkan during next 24 hours. Light to moderate rainfall at many places with heavy rainfall at isolated places likely over coastal Districts of south Gujarat during next 24 hours. Light to moderate rainfall at many places with heavy rainfall at isolated places would occur over Gujarat state on 17th October. Wind warning Strong wind speed reaching 30-40 kmph gusting to 50 kmph likely to prevail over east central and northeast Arabian Sea and along & off Maharashtra & south Gujarat coasts during next 12 hours. It would increase, becoming Squally wind speed reaching 45-55 kmph gusting to 65 kmph over east central and northeast Arabian Sea and along & off Maharashtra & Gujarat coasts from the evening of 16th October. It would further increase becoming 55-65 kmph gusting to 75 kmph over eastcentral & adjoining northeast Arabian Sea and along & off Maharashtra and Gujarat coasts from 17th October morning for subsequent 02 days over eastcentral & northeast Arabian Sea. Fishermen Warning Fishermen are advised not to venture into the Sea along & off Maharashtra & Gujarat coasts and over eastcentral & adjoining northeast Arabian Sea till 19th October.	-	-
