

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

**Situation report regarding Flood/ Heavy rainfall in the Country
as on 06.08.2024 at 1800 Hrs.**

1. Forecast: -

➤ **India Meteorological Department (IMD): -**

Date	Intensity	Probability and Region
06.08.2024	Heavy to very heavy rainfall	At isolated places over Uttarakhand, west Rajasthan, Sub-Himalayan West Bengal, Sikkim, Bihar, Odisha, Arunachal Pradesh, Assam and Meghalaya.
	Heavy rainfall	At isolated places over Jammu division, Himachal Pradesh, Punjab, Haryana, Chandigarh, Uttar Pradesh, east Rajasthan, east Madhya Pradesh, Chhattisgarh, Gangetic West Bengal, Jharkhand, Nagaland, Manipur, Mizoram, Tripura, Madhya Maharashtra, Tamil Nadu, Puducherry, Karaikal, Kerala, Mahe, Coastal Andhra Pradesh, Yanam and Telangana.
	Thunderstorm accompanied with lightning	At isolated places over Madhya Pradesh, Chhattisgarh, Gangetic West Bengal, Bihar, Jharkhand and Odisha.
07.08.2024	Heavy to very heavy rainfall	At isolated places over Himachal Pradesh, Uttarakhand, west Uttar Pradesh, east Madhya Pradesh, Assam, Meghalaya, Nagaland, Manipur, Mizoram and Tripura.
	Heavy rainfall	At isolated places over Jammu division, Punjab, Haryana, Chandigarh, east Uttar Pradesh, east Rajasthan, west Madhya Pradesh, Chhattisgarh, Sub-Himalayan West Bengal, Sikkim, Bihar, Jharkhand, Odisha, Arunachal Pradesh, Konkan, Goa, Madhya Maharashtra, Tamil Nadu, Puducherry, Karaikal, coastal Andhra Pradesh, Yanam and Telangana.
	Thunderstorm accompanied with lightning	At isolated places over Madhya Pradesh, Chhattisgarh, Gangetic West Bengal, Bihar and Jharkhand.

Significant rainfall recorded in different States during last 24 hrs: -

Sl. No.	Name of States/ UTs /Region	Rainfall in cms	District affected
1.	Rajasthan	08-26	07 (Rajasmand, Ajmer, Barmer, Jodhpur, Jalore, Jaisalmer and Pali)
2.	Bihar	07-20	11 (Vaishali, Madhepura, Madhubani, East Champaran, Begudarai, Sitamarhi, Muzaffarpur, Kishanganj, Siwan, Gopalganj and West Champaran)

3.	Odisha	07-15	06 (Kalahandi, Angul, Bargarh, Sambalpur, Sonepur and Boudhgarh)
4.	Tamil Nadu	07-13	08 (Pudukottai, Coimbatore, Krishnagiri, Virudhunagar, Vellore, Tiruvannamalai, Salem and Ranipet)
5.	Telangana	07-13	03 (Mahabubabad, Jogulamba and Khammam)
6.	Assam	07-13	09 (Kokrajhar, Cachar, Jorhat, Hailakandi, Dhemaji, Baksa, Karbi Anglong, Jorhat and Kamrup Metropolitan)
7.	Meghalaya	08	01 (East Khasi Hills)
8.	Jharkhand	07-12	05 (Seraikele-Kharsawan, Simdega, Hazaribag, Giridih and Dhanbad)
9.	Sikkim	07-11	04 (Gangtok, Pakyong, Mangam and Gyalshing)
10.	West Bengal	07-10	04 (Jalpaiguri, Alipurduar, Pashchim Bardhaman and Purulia)
11.	Uttar Pradesh	07-10	02 (Sant Kabir Nagar and Maharajganj)
12.	Kerala	09	01 (Kannur)
13.	Lakshadweep	07	01 (Lakshdwwep)
14.	Manipur	09	01 (Imphal East)
15.	Karnataka	07-09	02 (Raichur and Uttara Kannada)
16.	Punjab	07	01 (Pathankot)
17.	Himachal Pradesh	05-07	02 (Mandi and Una)
18.	Madhya Pradesh	05-08	02 (Seoni and Mandla)
19.	Maharashtra	07	02(Kolhapur and Pune)
20.	Arunachal Pradesh	07	01 (Papumpara)

CENTRAL WATER COMMISSION (CWC): -

- **Red Warning (Extreme Flood Situation): - Nil**
- **Orange Warning (Severe Flood Situation): -**

S. No.	Name of State	River	Location	District	Current Water Level	River flowing (Above Danger Level)	Previous HFL	Trend
1.	Bihar	Kosi	Birpur	Supaul	75.23 Mtr	0.53 Mtr	76.02 Mtr	Rising
		Kosi	Baltara	Khagaria	34.11 Mtr	0.26 Mtr	36.4 Mtr	Steady
		Bagmati	Dheng bridge	Sitamarhi	71.0 Mtr	0.00 Mtr	73.0 Mtr	Rising
2.	Karnataka	Ghatprabha	Mudhol	Bagalkot	540.25 Mtr	1.25 Mtr	544.73 Mtr	Falling
3.	Maharashtra	Panchganga	Terwad	Kolhapur	537.53 Mtr	1.53 Mtr	541.64 Mtr	Falling

		Yerala	Nandre	Sangli	542.38 Mtr	0.17 Mtr	548.445 Mtr	Falling
4.	Rajasthan	Chambal	Dholpur	Dholpur	132.75 Mtr	1.96 Mtr	146.57 Mtr	Falling
5.	Uttar Pradesh	Ganga	Kachhlabridge	Budaun	162.1 Mtr	0.10 Mtr	162.91 Mtr	Falling
		Ken	Banda	Banda	106.65 Mtr	2.65 Mtr	113.29 Mtr	Falling
6.	West Bengal	Teesta	Brahmaputra	Cooch Behar	66.01 Mtr	0.06 Mtr	66.62 Mtr	Rising

2. Damage reported by States/UTs during last the 24 hrs: -

Sl. No.	Name of State/UT	No of Districts affected	No of villages affected	Population affected	Human lives lost	Houses damaged	No. of persons evacuated	No. of relief center opened	Inmates in relief camps
	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)
1.	Assam	05	104	7,969	01 (Flood)	37 (Fully-07, Partially-30)	-	01	122
2.	Bihar	02	-	-	-	06 (Fully-01, Partially- 05)	-	-	-
3.	Chhattisgarh	02	01	05	08 (Drowning-04 Lightning-04)	15 (Fully-07, Partially-08)	-	04	258
4.	Goa	-	-	-	-	11 (Partially)	-	-	-
5.	Gujarat	-	-	-	02 (Drowning)	53 (fully-09 Partially-44)	17	-	-
6.	Himachal Pradesh	05	-	-	07 (Drowning-01 Fall from Height-03, Electrocution- 03)	34 (Fully-02 Partially-32)	-	-	-
7.	Kerala	03	04	930	-	05 (Fully-01 Partially-04)	-	-	-
8.	Madhya Pradesh	21	349	-	10 (Drowning- 09, Wall collapse-01)	705 (Fully-21, Partially- 684)	-	01	25
9.	Maharashtra	01	01	70	-	-	-	-	-
10.	Meghalaya	02	01	06	-	-	-	-	-
11.	Punjab	01	-	-	-	06 (Fully)	-	-	-

12.	Sikkim	04	02	30	-	07 (Fully-01, Partially-06)	-	-	-
13.	Tamil Nadu	-	-	-	-	-	2,888	02	2,888
14.	Tripura	01	-	-	-	124 (Fully-04 Partially- 120)-	-	-	-
15.	Uttar Pradesh	08	64	607	-	-	-	666	-
16.	Uttarakhand	-	-	-	01 (Drowning)	34 (Fully-10, Partially-24)	-	-	-
	Total	55	526	9,617	29	1037	2,905	674	3,293

Massive Landslide incident in District- Wayanad, Kerala: -

On 30.07.2024 at about 0217 hrs, due to incessant and heavy to extremely heavy rainfall, a major landslide incident occurred at Mundakki, Chooralmala, Vellarimala Village, Meppadi Panchayat, Vythiri taluk in District Wayanad. More than 400 houses / shops were reported buried under the debris during the landslide. A total of 224 persons have been pronounced dead so far, 359 persons are injured, 214 persons rescued alive and many people are still missing. A bridge connecting these villages has been washed away thereby making the affected areas difficult to access. The village has an approximate population of 2000. Massive landslide has disconnected many parts of the Taluk from remaining areas and many are stranded.

Detail report is attached as Annexure-I

Cloud burst / flash flood incidents in Himachal Pradesh: -

As per latest report received from SEOC Himachal Pradesh, a total of 10 persons are reported dead, 45 persons missing and 55 persons evacuated. A total of 95 houses, 14 bridges, 10 shops, 04 schools, 19 cattle sheds and 16 vehicles were damaged/ washed away during the cloud burst incident and flash flood incidents in districts of Shimla, Kullu and Mandi.

Detail report is attached as Annexure-II

Status of Stranded Pilgrims in District - Rudraprayag Uttarakhand: -

Due to heavy to very rainfall and landslide incidents on 31.07.2024, some bridges and roads were damaged/blocked between Lincholi and Bhimbali area on Rudraprayag- Shri Kedarnath Dham route in district-Rudraprayag Uttarakhand. Due

to this incident many pilgrims were stranded on Rudraprayag- Shri Kedarnath Dham route and mandir area.

- On 05.08.2024, 01 dead body was recovered by SDRF in Lincholi area and till now a total of 02 persons have been reported dead.
- On 06.08.2024, remaining 58 pilgrims were rescued/ evacuated safely by rescue teams. A total of 11,124 pilgrims have been rescued / evacuated safely by NDRF, SDRF, IAF, Army, Police and local administration.
- A total of 21 sorties were carried out by IAF helicopters and rescued/evacuated 184 stranded pilgrims.
- A total of 1920 kg relief materials were distributed to the affected population by IAF helicopters.
- District administration issued Helpline numbers: - 01364-233727, 2331077, 7579257572.

Today NIL reports received from 10States/UTs: - Arunachal Pradesh, Haryana, Jharkhand, Mizoram,Odisha, Rajasthan, Andaman & Nicobar, Dadra Nagar Haveli and Daman&Diu, Puducherry and Jammu & Kashmir.

Today reports not received from 10 States/UTs: - Andhra Pradesh, Karnataka, Manipur, Nagaland, Telangana, West Bengal, Chandigarh, Delhi, Lakshadweep and Ladakh.

3. Deployment of NDRF: - Total of 177 teams of NDRF has been prepositioned/deployed across the country. State/UTs wise deployment is attached as Annexure- III.

Details of rescue/evacuation by NDRF rescue teams during Current flood:

S.No.	State	Dead body retrieved	Persons rescued	Persons evacuated	Livestock evacuated
1.	Assam	02	-	1348	113
2.	Andhra Pradesh	-	03	118	-
3.	Arunachal Pradesh	-	-	215	-
4.	Delhi	03	-	25	03
5.	Gujarat	-	12	234	02
6.	Karnataka	02	-	93	-
7.	Kerala	112	30	520	11
8.	Manipur	-	2025	172	14
9.	Madhya Pradesh	-	-	112	-
10.	Maharashtra	03	66	131	03
11.	Telangana	-	-	05	-
12.	Uttar Pradesh	01	06	553	28
13.	Uttarakhand	02	01	11,267	-
14.	West Bengal	-	-	07	-
15.	Himachal Pradesh	10	11	26	04

Detail report regarding Massive Landslide Incident in District- Wayanad, Kerala as on 06.08.2024.

Background: -

On 30.07.2024 at about 0217 hrs, due to incessant and heavy to extremely heavy rainfall, a major landslide incident occurred at Mundakki, Chooralmala, Vellarimala Village, Meppadi Panchayat, Vythiri taluk in District Wayanad. More than 400 houses / shops were reported buried under the debris. Few more landslides occurred at the same area in later hours. A total of 224 persons have been pronounced dead so far, 359 persons injured, 214 persons rescued alive and many people are still missing. A bridge has been washed away thereby making the affected area difficult to access. The village has an approximate population of 2000. Massive landslide has disconnected many parts of the Taluk from remaining areas.

Assistance Sought by the State: -

- The State had initially requested for the deployment of 03 NDRF teams, 02 IAF helicopters (MI17 & 1 ALH), and 02 Defence Security Corps teams. Subsequently additional support was requested to include Engineer Task Force (ETF) from Bangalore with Bailey Bridges, two columns from the Army Pangode Base, medical personnel and relief from the Coast Guard, and a river crossing team from Navy ex-INS Zamorin.
- State administration requested 04 additional Cadaver dogs for identify live stranded individuals and dead bodies and also requested for helicopter for airlift of dead bodies and body parts found deep inside the forest in the river channel.

Current Situation:

- As reported today by the State Emergency Operational Centre (SEOC) Kerala, till now a total of 224 dead bodies and 189 body parts have been retrieved, 359 persons are injured, 214 persons rescued alive and approximately 154 persons are still missing (excluding guest workers and tourist). All the injured persons have been admitted in different hospitals of Wayanad, Kozhikode and Malappuram districts.
- Till now, a total of 5,104 people were rescued /evacuated and shifted to hospitals / relief camps.

- A total of 84 injured persons are admitted in different hospitals and 275 persons have been discharged from hospitals.
- A total of 6,570 affected populations are currently accommodated in 50 relief camps.
- Approximately 400 houses/shops have been reported damaged in landslide affected area of Wayanad district.
- A Drone based operation with the help of 02 sets UAV based sub-soil scanner has been started in search and rescue operation.
- Other specialized equipments such as M-6 Zaver radar & REECO radar along with 06 Operators have been deployed by Indian Army for search and rescue operation.
- A total of 54 excavators, 07 JCBs, 02 Tractors, 01 Hydraulic Cutter, 32 Wood Cutter and 13 electric jack hammers are deployed for removing/cleaning the debris and wooden logs.
- IAF helicopters are operating search and rescue operation in the affected areas from Calicut airport.
- IAF helicopters are dropping food and water in affected villages.
- More than 1200 rescuers of NDRF, Army, Air force, Navy, Fire services, Civil defence, Police and local ERT have been deployed for rescue and relief operation.
- More than 100 ambulances along with doctors and other medical staff have been deployed for medical support and treatment by local administration and Armed Forces.
- A total of 14 Columns (582 personnel) of Indian Army including 05 medical teams and Engineer Task Force have been deployed for rescue and relief operation.
- Sniffing and Cadaver dogs have been deployed for search and rescue operation.
- A total of 06 helicopters were deployed by IAF / Navy. Out of which 04 helicopters de-inducted and currently 02 IAF helicopters are conducting rescue and relief operation.
- On 02.08.2024, State government of Kerala declared Meppadi Grama Panchayath including Kottapadi Village, Vellarmala Village and Thrikaipetta Village of Vythiri Taluk of Wayanad district disaster affected area from 30.07.2024.
- A cabinet Sub-Committee comprising of four cabinet Ministers (Revenue & Housing, Forest & Wildlife, SCST Development, and PWD) is constituted for overall guidance of the search, rescue and relief work by State government of Kerala.

- Search and rescue operation is underway by NDRF, Army, Air force, Indian Navy, Civil defence, Fire service, Police and local administration.

Significant rainfall recorded in Kerala: (As per IMD)

- On 30th July 2024, the state of Kerala reported widespread light to moderate rainfall with Heavy to very heavy rainfall at many places and extremely heavy rainfall at isolated places.
- The extremely heavy rainfall was mainly confined to districts over north and central parts of Kerala.
- Highest Rainfall recorded between 29-07-2024, 0830 hrs to 30.07-2024, 0830 hrs Thrissur – 340 mm, Palakkad - 300 mm, Kozhikode – 280 mm, Wayanad – 280 mm, Kannur – 250 mm, Malappuram – 250 mm, Idukki – 200 mm.
- Highest Rainfall recorded between 30-07-2024, 0830 hrs to 31-07-2024, 0830 hrs Kasargod – 130 mm, Palakkad - 110 mm- Kannur, 90 mm- Ernakulam, 80 mm- Thissur& Kozhikode and 70 mm- Malappuram.
- Highest Rainfall recorded during last 24 hrs : Kannur- 90 mm.

IMD Forecast:

- Thunderstorm with light to moderate rainfall accompanied by gusty wind speed reaching 40 kmph is likely at isolated places in the Pathanamthitta, Idukki, Palakkad, Malappuram, Wayanad and Kannur districts of Kerala.

Step taken by the Central Government:

- Situation is being monitored by Central Government at the highest level.
- Both control room of MHA are monitoring the situation 24X7 and all possible help is being provided to the state.
- Honourable Prime Minister is monitoring the situation and deputed Sh. George Kurian, Minister of State for Minority Affair & Fisheries, Animal Husbandry and Dairy, to visit the affected areas.
- Honourable Home Minister spoke with the Honourable Chief Minister of Kerala and was assured that every possible assistance will be provided by the Government of India.
- Immediately after the incident, rescue teams of NDRF, Army, Air Force, Navy and Indian Coast Guard were mobilized for rescue and relief operation.

Deployment of National Disaster Response Force (NDRF): -

- 04 Team of NDRF along with necessary equipments were deployed for search and rescue operation at incident site.
- Till now, a total of 30 persons have been rescued, 520 persons evacuated and 112 dead bodies retrieved by the NDRF rescue teams.

Deployment of Armed Forces:

Army: -

- A total of 14 Columns of Indian Army including 05 medical teams and Engineer Task Force have been deployed for rescue and relief operation.
- Indian Army troops rescued / evacuated more than 125 stranded labourers.
- On 01.08.2024, construction work of the Bailey bridge was completed by Indian Army and made functional for rescue and relief operation and vehicular movement.

Air Force: -

- A total 04 IAF helicopters were deployed out of which 02 helicopters were de-inducted and currently 02 helicopters along with Guard Commandos are deployed for rescue and relief operation.
- A total of 24 sorties has been carried out by IAF helicopters so far and dropped 710 kg relief materials to the affected population.
- On 03.08.2024, 03 stranded injured were evacuated from Soojiparahill to Chooralmala near Bailey bridge by IAF helicopters.

Indian Navy: -

- 02 Indian Navy helicopters were deployed for rescue and relief operation.
- Indian Navy ship - INS Zamorin has been pre-positioned in that area is assisting the local administration in rescue and relief operation.
- 01 Indian Navy columns from Kozhikode have been deployed at incident site and 69 person's team including medical team of Indian Navy with river crossing team deployed for rescue and relief operation.

Indian Coast Guard (ICG): -

- A total 03 Disaster Response teams (DRTs) were deployed for rescue and relief operation and some additional assets were kept on standby.
- On 06.08.2024 all the Disaster Response teams have been de-inducted and relieved from rescue operations and departed for Kochi and Beypore respectively.

Details of the rescue teams deployed by Central / State Government: -

Rescue Teams	AVAILABLE STRNGTH	DEPLOYMENT	ATTAMALA	MUNDAKAI	CHORALMALA/ BRIDGE
NDRF	35	75	0	55	25
ARMY/DSC	350	200	50	100	50
SOG	120	60	200	60	0
Forest	31	24	0	0	2
Fire Force	460	410	60	200	150
MEG	160	160	0	0	0
Tamil Nadu Fire & Rescue TNDRF	61	61	0	0	0
Tamil Nadu Medical Team	07	07	0	0	0
Naval	80	50	0	0	0
TOTAL	1304	1047	310	415	227

Loss and Damage reported by State: -

S.No.	Human Live Loss	No. of Persons Injured	No. of persons missing	No. of persons rescued	Population affected	No. Of relief camp	Inmates in relief camp
01	224 dead and recovered 189 body parts	359	154	214	6,570	50	6,570

Detail report regarding Cloud burst / flash flood incidents in Himachal Pradesh as on 06.08.2024

As per latest report received from SEOC Himachal Pradesh on 04.08.2024, a total of 10 persons have been reported dead, 45 persons missing and 55 persons evacuated. A total of 95 houses, 14 bridges, 10 shops, 04 schools, 19 cattle sheds and 16 vehicles have been damaged / washed away in cloud burst and flash flood incidents in districts Shimla, Kullu and Mandi. The details are as under: -

Cloudburst incident in Rampur, Shimla: -

- Due to incessant and very heavy rainfall, a cloudburst incident occurred on 01.08.2024 at 0447 hrs near Hydro power project near Jhakri in Rampur Tehsil district Shimla. This resulted in approximately 33 persons missing and 10 persons evacuated. A total of 30 houses, 03 bridges, 01 school and 04 vehicles were reported damaged/washed away.
- 03 rescue dogs of India Army and NDRF have been deployed for search of bodies buried under the debris.
- 02 drones and Recco radar additionally deployed at incident site for search operation.
- Strengthening of the footbridge connecting the connecting the cutoff part of the village has been completed and another footbridge is being constructed for the second crossing to facilitate search teams and villagers' movement.
- A total of 03 teams of NDRF, 01 team of ITBP, 01 team of SDRF and 01 team of Home Guard along with necessary equipments were mobilized for search and rescue operation. Search and rescue operations are underway by NDRF, ITBP, SDRF, Police, Home guard and local administration.

Cloudburst Incident in Padhar, Mandi: -

- Due to incessant and very heavy rainfall, a cloudburst incident occurred on 01.08.2024 at 0228 hrs near Village TikkanThalukot, Padhar Tehsil in district Mandi. This has resulted in 09 persons reported dead, approximately 01 person missing and

01 person evacuated safely. A total of 04 houses and 01 cattle shed damaged/washed away.

- 01 team of NDRF along with necessary equipments was mobilized for search and rescue operation. Search and rescue operation is underway by NDRF, Police and local administration.

Cloud Burst incident in Kullu: -

- Due to incessant and very heavy rainfall, a cloudburst incident occurred on 01.08.2024 at 0138 hrs near Village Jaon in Tehsil Nirmand, district Kullu. This resulted in the water level of Kurpan canal to rise significantly, behind Singhad Base Camp near the Shrikhand Mahadev Yatra route. In this incident 01 person died, 11 persons were reported missing and 44 persons have been evacuated. A total of 61 houses, 18 cattle shed 11 bridges, 10 shops, 03 schools and 12 vehicles have been reported damaged/washed away.

Flash flood incidents: -

- A flash flood incident occurred on 01.08.2024 at 0542 hrs near Malana, sub tehsil Jari in district Kullu. This has resulted in flood like situation in River Parvati near (Malana-I) and Malana, a bridge washed away and the nearest road reported completely blocked. No loss of life has been reported in this incident.
- Search and rescue operation called off on 02.08.2024.

Deployment of National Disaster Response Force (NDRF): -

- 04 NDRF teams are presently engaged in Search and rescue (SAR) operation (Shimla- 03 and Mandi-01) at Cloud Burst incident site in Himachal Pradesh and 01 team de-inducted from district Kullu on 02.08.2024.
- On 05.08.2024, 02 dead body retrieved by NDRF rescue teams.
- Till now a total of 10 dead bodies retrieved, 26 persons evacuated, 11 person and 04 livestock rescued by NDRF rescue teams.

State wise RRC/Prepositioning/ Ops Teams of NDRF as on 06.08.2024

S. No.	State	Teams
1.	Assam	12
2.	Andaman & Nicobar	01
3.	Andhra Pradesh	04
4.	Arunachal Pradesh	02
5.	Bihar	07
6.	Chhattisgarh	01
7.	Gujarat	12
8.	Haryana	03
9.	Himachal Pradesh	14
10.	Jharkhand	05
11.	J& K	13
12.	Kerala	11
13.	Karnataka	06
14.	Maharashtra	18
15.	Madhya Pradesh	04
16.	Mizoram	01
17.	Manipur	01
18.	Nagaland	02
19.	New Delhi	07
20.	Odisha	01
21.	Rajasthan	03
22.	Sikkim	01
23.	Tamil Nadu	04
24.	Telangana	03
25.	Tripura	03
26.	Uttar Pradesh	15
27.	Uttarakhand	12
28.	West Bengal	11
Total		177
