



Monsoon Response Preparedness & Co-ordination with States

Narendra Singh Bundela, IG NDRF



Resources - Location of NDRF Bns, RRCs & TPLs



EXISTING RRCs

1. Aizwal- 1 BN
2. Agartala- 1 BN
3. Kolkata- 2 BN
4. Siliguri- 2 BN
5. Pakyong- 2 BN
6. Balasore- 3 BN
7. Chennai- 4 BN
8. Thrissur/ Ernakulum – 4BN
9. Port Blair- 4 BN
10. Mumbai- 5 BN
11. Gandhinagar- 6 BN
12. Nareli- 6 BN
13. Panchkula- 7 BN
14. Noida- 8 BN
15. Supaul- 9 BN
16. Ranchi- 9 BN
17. Vishakhapatnam- 10 BN
18. Bangalore- 10 BN
19. Hyderabad- 10 BN
20. Lucknow- 11 BN
21. Gorakhpur- 11 BN
22. Bhopal- 11 BN
23. Dimapur/kohima- 12 BN
24. Srinagar- 13 BN
25. Nurgur- 14 BN
26. Jhajra- 15 BN
27. Dwarka- 16 BN
28. R K Puram- 16 BN



BHQ

- 1 Bn Patgaon Assam
- 2 Bn Haringhata (WB)
- 3 Bn Mundali Odisha
- 4 Bn Arakkonam (TN)
- 5 Bn Pune (MH)
- 6 Bn Vadodara (Guj)
- 7 Bn Bhatinda (Punjab)
- 8 Bn Ghaziabad (UP)
- 9 Bn Bihta (Bihar)
- 10 Bn Vijayawada (A.P)
- 11 Bn Varanasi(U.P)
- 12 Bn Doimukh (AP)
- 13 Bn Ladhawal (Pun)
- 14 Bn Nurgur (HP)
- 15 Bn Gadarpur (UKD)
- 16 Bn Dwarka (N/Delhi)

TPL

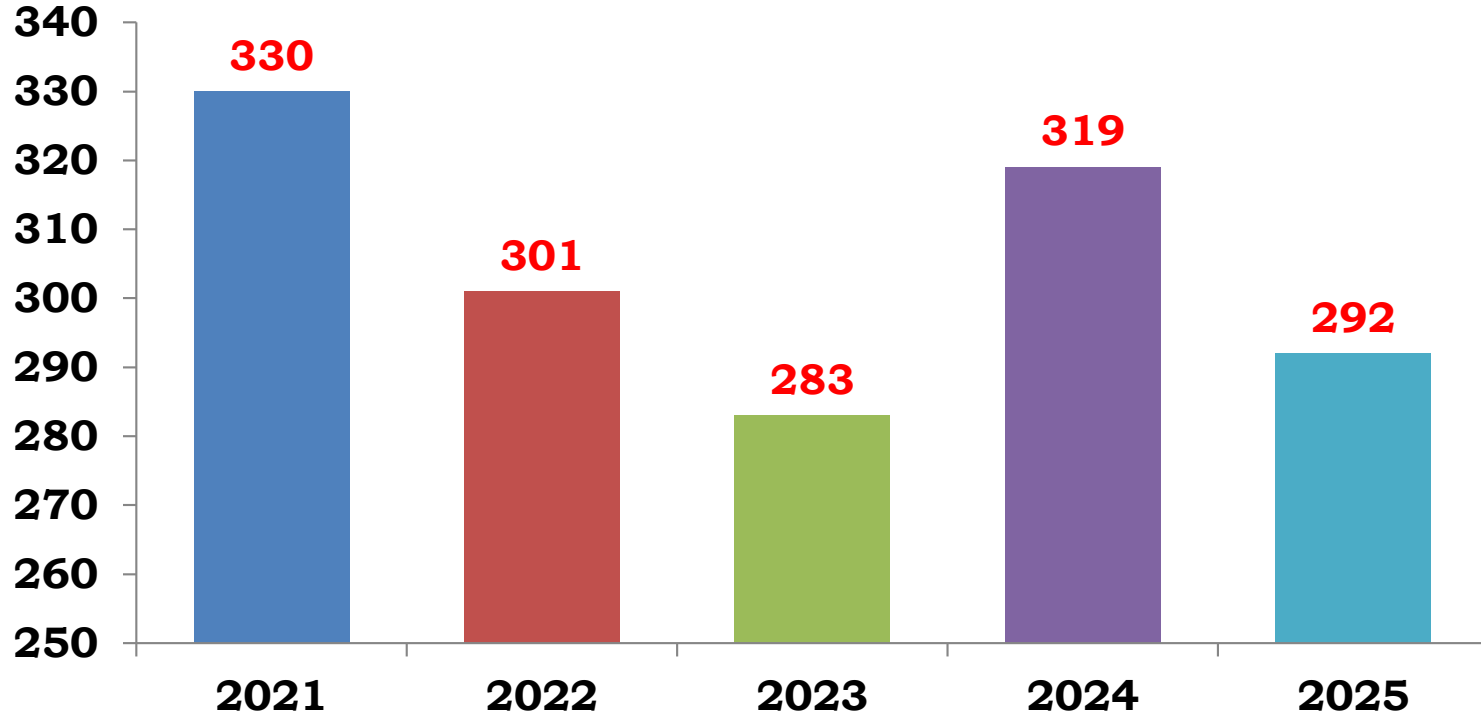
1. Guwahati (Assam)
2. Durg (Chhattisgarh)
3. Tirunelveli (TN) (NPP)
4. Nagpur (MH)
5. Palghar (MH) (NPP)
6. Surat (GJ) (NPP)
7. Kota (RJ) (NPP)
8. Rohtak (Haryana)
9. Jodhpur O. Hostel(Delhi)
10. Bulandshahr (UP) (NPP)
11. Didarganj, Patna (Bihar)
12. Deoghar (Jharkhand)
13. Uttar Kannada (KA) (NPP)
14. Varanasi Ghat (UP)
15. Dibrugarh (Assam)
16. Imphal West (Manipur)
17. Thizama, Kohima (Nagaland)
18. Udhampur (J & K)
19. Leh (Ladakh)
20. Jammu (J & K)
21. Samba (J & K)
22. Rampur, Shimla (HP)
23. Nalagarh, Solan (HP)
24. Slapper, Mandi (HP)
25. IGI Airport (Delhi)

NDRF footprint at 69 locations (★ 16 BN HQ + ■ 28 RRCs + ■ 25 TPLs)



Operational Deployment in Floods (2021-2025)

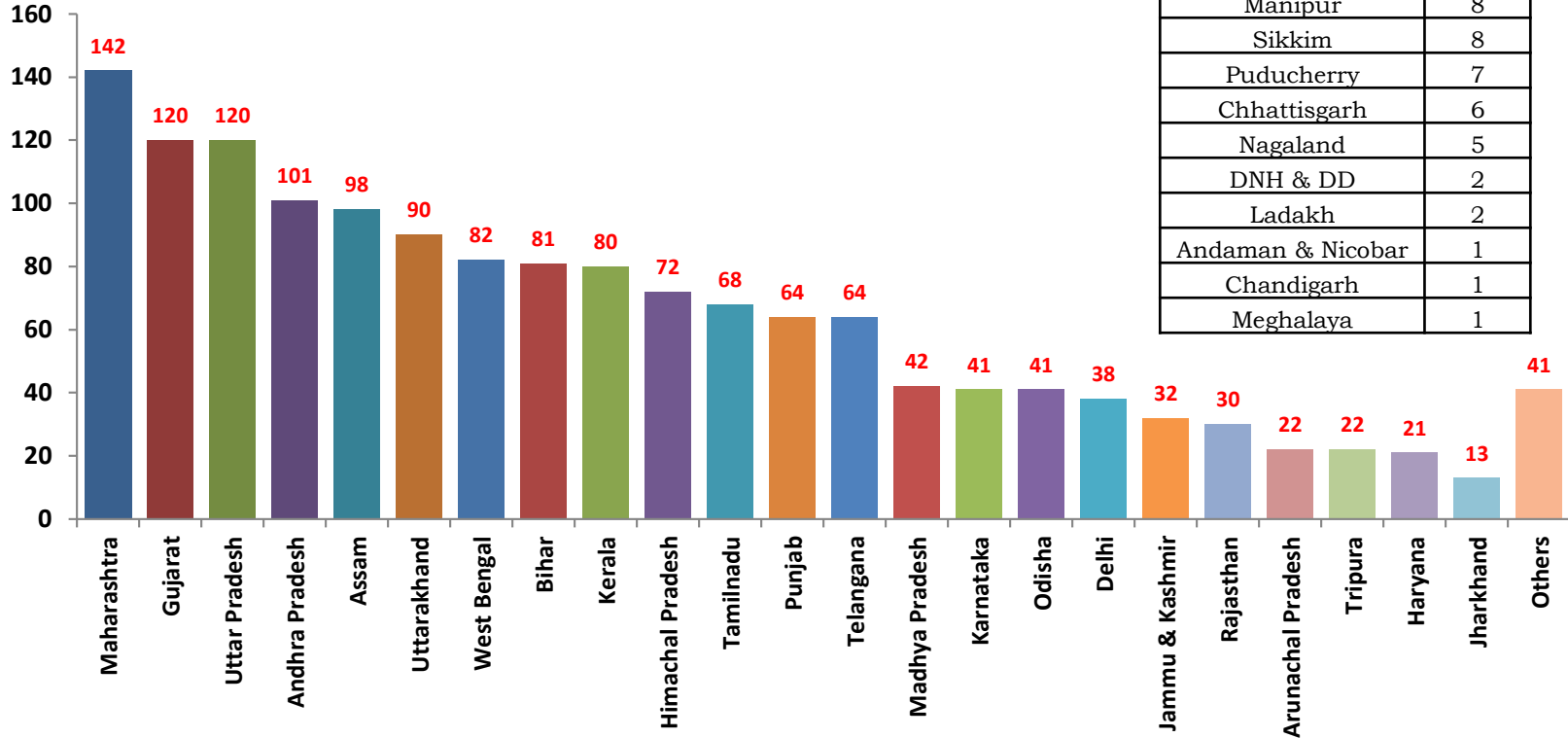
No. of Teams Deployed





Operational Deployment in Floods (2021-2025)

State-Wise No. of Teams Deployed

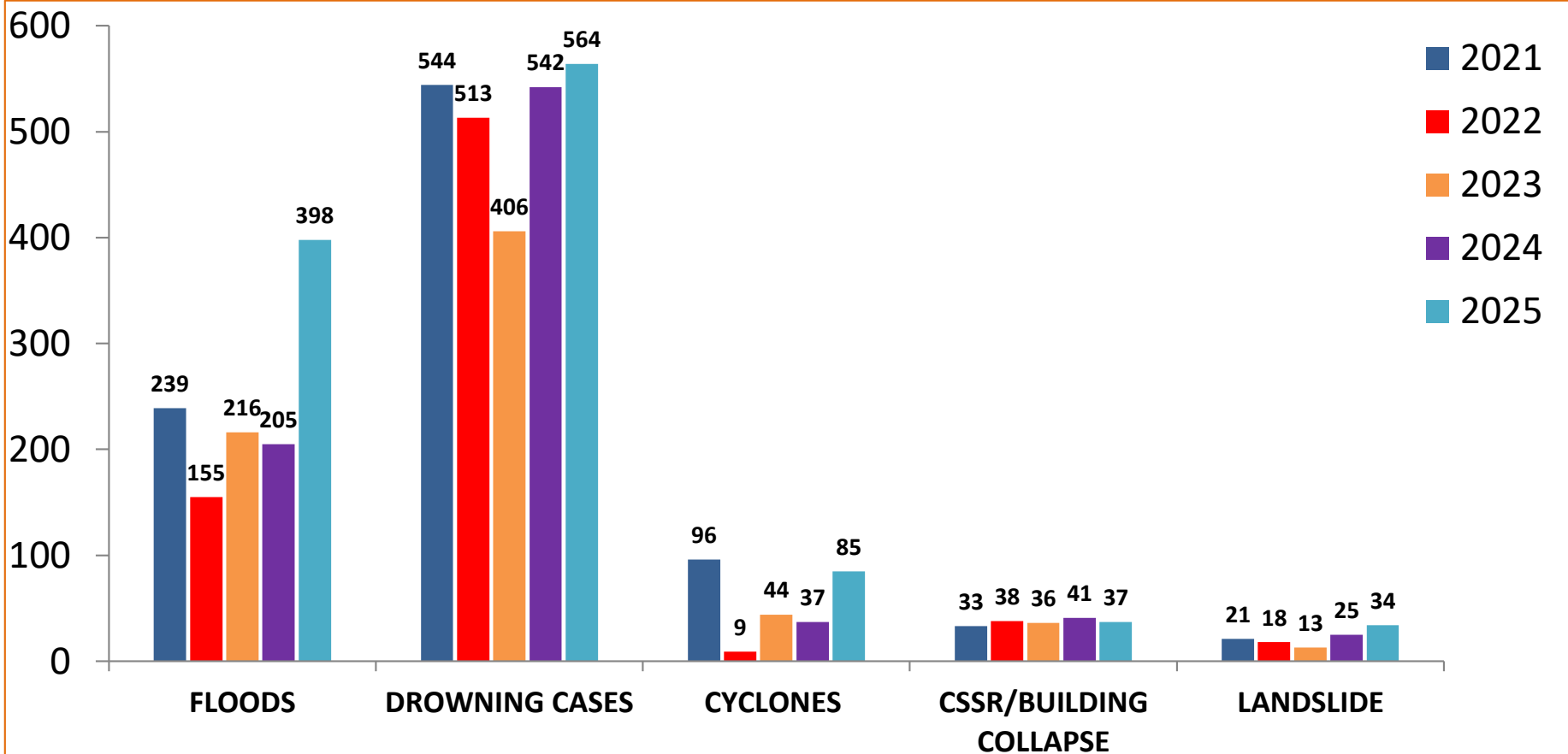


Others

Manipur	8
Sikkim	8
Puducherry	7
Chhattisgarh	6
Nagaland	5
DNH & DD	2
Ladakh	2
Andaman & Nicobar	1
Chandigarh	1
Meghalaya	1

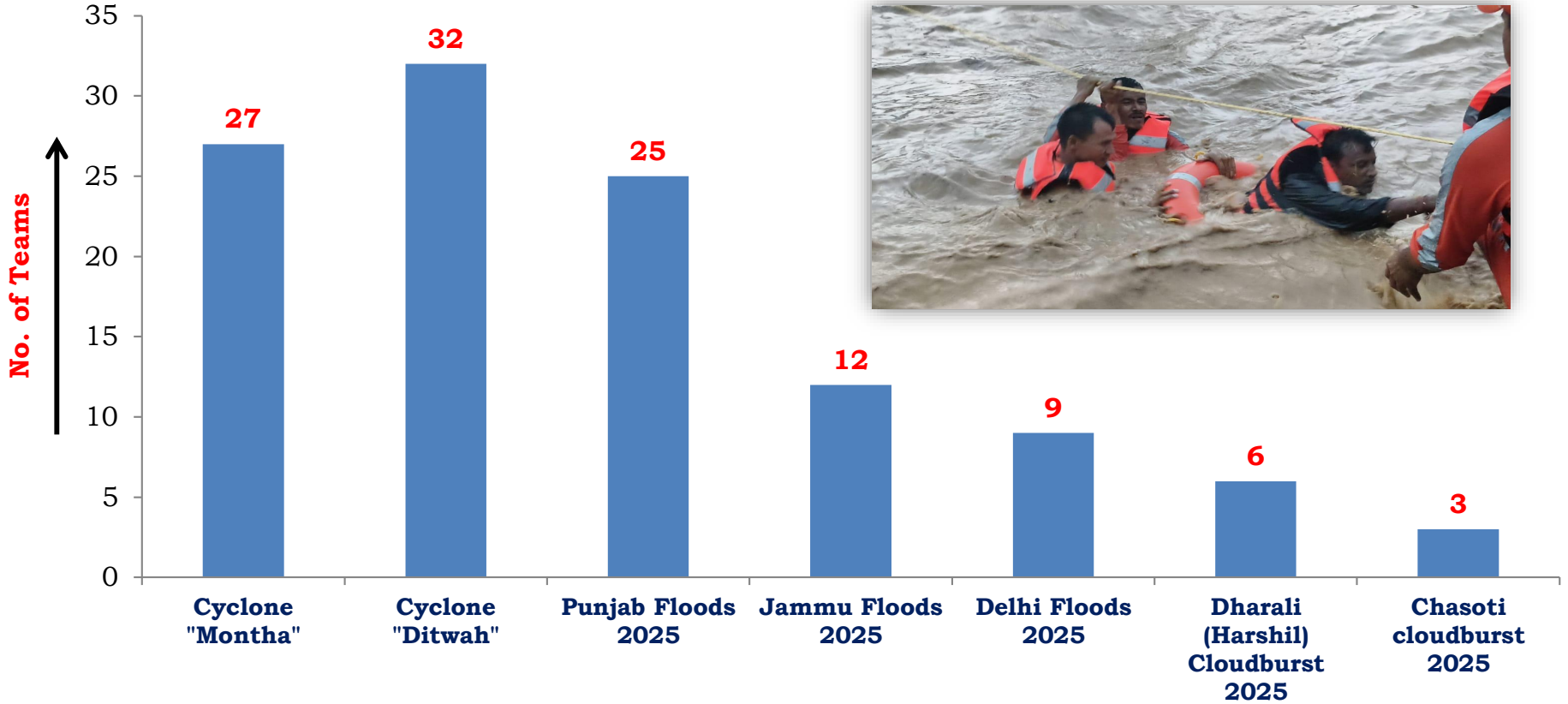


Incident-Wise Summary of Major OPS



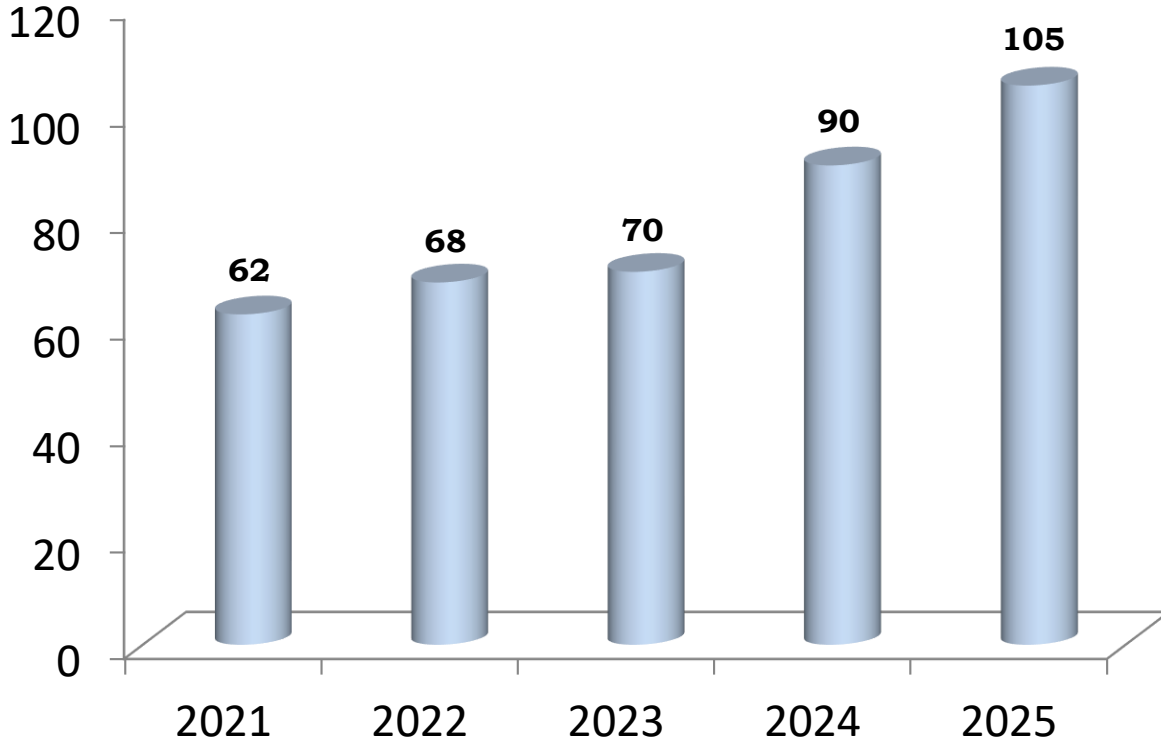


Major Ops (2025)





Teams pre-positioned during Monsoon



Monsoon Pre-positioning - Status of Requisition for NDRF

S.N.	States	2025 (Teams)	Peak deployment 2025	2026 (Teams Requisitioned)	Pre-positioning Locations (2026)
1.	Andhra Pradesh	01	11	-	Not yet received
2.	Assam	09	13	9	Bongaigaon, Barpeta, Cachar, Jorhat, Sonitpur (Tezpur), Dibrugarh-2, Sivasagar, Jonai (Dhemaji)
3.	Arunachal Pradesh	02	05	02	Bomdila (West Kameng), Namsai
4.	Bihar	04	14	07	Supaul, Gopalganj, Muzaffarpur, Sheohar, Darbhanga, East Champaran, Patna
5.	Delhi	-	10	-	Delhi do not make pre-positioning request for Monsoon.
6.	Gujarat	12	14	-	Not yet received
7.	Himachal Pradesh	05	10	03	Kinnaur, Kullu, Shimla
8.	J&K	-	14	-	J&K do not make pre-positioning request for Monsoon.
9.	Jharkhand	01	04	04	Deoghar, Sahibganj, Ranchi, East Singhbhum
10.	Karnataka	07	07	06	Dakshina Kannada, Udupi, Kodagu, Belagavi, Bengaluru, Uttara Kannada
11.	Kerala	09	10	-	Not yet received
12.	Madhya Pradesh	05	08	03	Bhopal, Jabalpur, Dhar
13.	Maharashtra	11	14	-	Not yet received
14.	Manipur	01	01	01	Imphal



Monsoon Pre-positioning - Status of Requisition for NDRF




S.N.	States	2025 (Teams)	Peak deployment 2025	2026 (Teams Requisitioned)	Pre-positioning Locations
15.	Nagaland	02	02	01	Kohima
16.	Punjab	-	24	-	Punjab do not make pre-positioning request for Monsoon.
17.	Rajasthan	02	07	03	Udaipur, Bharatpur, Kota
18.	Sikkim	01	03	-	Not yet received
19.	Tripura	01	03	01	Unakoti
20.	Tamil Nadu	01	22	04	Coimbatore, Nilgiris, Tirunelveli, Didigul
21.	Telangana	06	08	-	Not yet received
22.	Uttarakhand	09	15	08	Chardham : Rudraprayag, Chamoli-2, Uttarkashi, Haridwar P/P : Bageshwar, Pithoragarh, Nainital
23.	Uttar Pradesh	09	27	07	Varanasi, Gorakhpur, Lucknow, Lakhimpur Kheri, Bahraich, Ballia, Prayagraj
24.	West Bengal	07	11	07	Jalpaiguri, South 24 Parganas, North 24 Parganas, Hoogly, Malda, Alipurduar, Purba Medinipur
Total		105		66 till date	Being Finalized



Action by NDRF during Floods



1. Close Co-ordination with Early Warning Agencies.
2. Issue of Joint Advisory – IMD, CWC and NDRF. 
3. Co-ordination with SDMA/SDRFs and local authorities.
4. Maintenance of Equipment
5. Conduct of FAME_x/CAP/SSP/Mock Ex
6. Communication with SEOC/ DEOC.
7. Co-ordination with IDS/ Air Force for airlift.



Request from States




1. Accommodation with basic amenities
2. Providing of local reps/guides
3. Green Corridor
4. Optimum utilization of NDRF and SDRF
5. Rationalization of deployment
6. Utilization of SDRF/local resources for lone drowning
7. Updating IDRN



Issues of Concern



1. Enforcement of regulations on boat/ferry movement
2. Urban flooding – Improved Preparedness – Clearing/ desilting of drains/ other water channels
3. Chain of Command
4. Raising, Training and Equipping of SDRF 
5. Inter-State deployment



Agenda Points from States (Training & Operations)



S.N.	Issues	Concerned States
1.	Deficiency of manpower impacting response during golden period	AP, Punjab, Mizoram, Chhattisgarh, Nagaland
2.	Training and eqpt requirement for CBRN response	AP, Telangana, Punjab, Meghalaya, Bihar, Nagaland, Tripura, Rajasthan, Odisha, Kerala
3.	Demand for more training slots /Joint Trg	AP, Telangana, Kerala, Meghalaya, Tripura
4.	Demand for additional funds to SDRF Provision to utilize SDRF Funds to construct swimming pool	Telangana, Nagaland
5.	Proposal for new raising in process	Punjab, Rajasthan, Odisha
6.	Personnel also deployed for law and order duties	AP, Telangana. Kerala



Agenda Points from States (Training & Operations)

S.N.	Issues	Concerned States
7.	No specific IRS system, Weak operational system – No IRS	AP, Telangana
8.	IDRN not in use	Telangana
9.	DDRF Units may be notified in each district to assist and collaborate with SDRF	Chhattisgarh
10.	While finalizing trg programs due consideration be given to monsoon season & major festivals	Bihar
11.	Communication failures during extreme weather	AP
12.	SDRF should have its own State level Control Centre	Chhattisgarh
13.	SDRF should also develop its canine squads	Kerala



Best Practices in States



States/UTs	Best Practices
Andhra Pradesh	<ul style="list-style-type: none">➤ Pre-positioning➤ Drones used for life-saving Op
Telangana	<ul style="list-style-type: none">➤ SDRF in State level Mock Ex
Punjab	<ul style="list-style-type: none">➤ SDRF in Joint Mock Ex➤ Conduct awareness programs
Meghalaya	<ul style="list-style-type: none">➤ Trg and Mock Ex➤ Response in drowning Ops, mega event, festivals
Chhattisgarh	<ul style="list-style-type: none">➤ Joint Trg and deployment with NDRF➤ drowning ops➤ Use of IDRN



Best Practices in States

States/UTs	Best Practices
Mizoram	<ul style="list-style-type: none">➤ Community awareness
Rajasthan	<ul style="list-style-type: none">➤ Modern and latest equipment➤ Trained Civil Defence volunteers for Raj & MP
Bihar	<ul style="list-style-type: none">➤ During 2025 rescued 44 persons alive and recovered 433 dead bodies➤ Capacity building & community awareness – Till date 5,34,142 beneficiaries➤ Refresher Trg for SDRF
Nagaland	<ul style="list-style-type: none">➤ FAMEX being conducted in remote areas➤ Trg of local youth in MFR/SAR
Odisha	<ul style="list-style-type: none">➤ 2000 youth trained in swimming & drowning survival skills➤ Zero Casualty approach towards Cyclones through early warning actions➤ – 911 Cyclone Shelters established with medical facilities.
Kerala	<ul style="list-style-type: none">➤ Landslide Early Warning System (LEWS) in Munnar – collects real time data to predict landslides



THANKS





Joint Advisory – IMD, CWC & NDRF



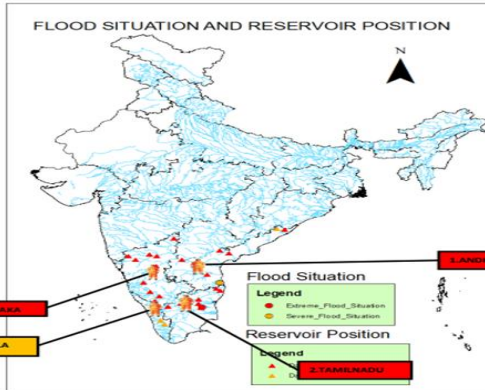
Ministry of Home Affairs
Flood Situation in sub-basins

Date: 13.12.2024

Highest Flood Level	EXTREME
Changing Line	SEVERE
Warning Line	BELOW NORMAL

Off (cm/m)	1	1.0	1.5	2.0	2.5	3.0	3.5
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Sl.No.	River/Sub-Basin/Basin	State	Site/District	Rainfall Situation					Remarks/Advisories
				Day 1	Day 2	Day 3	Day 4	Day 5	
1.	Periyar/Ponnaiyar and Others/East Flowing River Between Ponnar and Kanyakumari	Tamilnadu	Vengalur/Cuddalore						<ul style="list-style-type: none"> Tamil Nadu: - 03 Teams of NDRF available i.e. Chennai-1, Tiruvannamalai & Thiruvallur-1 and reserve teams are available at BHQ at Arakonam.
2.	Kalingi/Palar and Others/East Flowing River Between Ponnar and Kanyakumari	Andhra Pradesh	Sullurpet/Neelore						<ul style="list-style-type: none"> Andhra Pradesh: - i. Meeting on the Monsoon Preparedness held by Andhra Pradesh (APSDMA) on 11-05-2024 through V.C. ii. 02 teams of NDRF available i.e. Vishakhapatnam-2.



NDRF DEPLOYMENT

1.	ANDHRA PRADESH	02 teams of NDRF available i.e. Vishakhapatnam-2 and reserve teams are available at BHQ at Arakonam.
2.	TAMILNADU	03 Teams of NDRF available i.e. Chennai-1, Tiruvannamalai & Thiruvallur-1 and reserve teams are available at BHQ at Arakonam.
3.	KERALA	05 teams of NDRF available i.e. Wayanad-1, Thrissur-1, Idukki-1 & Pathanamthitta-2.
4.	KARNATAKA	04 teams of NDRF available i.e. Bengaluru-3 & Uttar Kannada-1.

Reservoirs Position

Storage above 85%	
Storage above 60%	

Off (cm/m)	1	1.0	1.5	2.0	2.5	3.0	3.5
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Sl.No.	Reservoir/Dams	River/Sub-Basin /Basin	State	US/DS District	Rainfall situation					Remarks/Advisories
					Day 1	Day 2	Day 3	Day 4	Day 5	
1	Somasila Dam	North Pennar/Lower Pennar/Pennar	Andhra Pradesh	Neelore						Andhra Pradesh: - As mentioned above.
2	KLRS Pulichintala Dam	Krishna/Lower Krishna/Krishna	Andhra Pradesh	Guntur						
3	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahandi to Pennar)	Andhra Pradesh	Srikakulam						
4	Prakasam Barrage	Krishna/Lower Krishna/ Krishna	Andhra Pradesh	Krishna/ Guntur						
5	Sunkesula	Tungabhadra/Lower Tungabhadra/Krishna	Andhra Pradesh	Kurnool						
6	Thottapalli Reservoir	Nagavali/Nagavali and Others/EFR (Mahandi to Pennar)	Andhra Pradesh	Vizianagaram						
7	Kabini Reservoir	Kabini/Middle Cauvery/Cauvery	Karnataka	Mysore						Karnataka: - NDRF available i.e. Bengaluru-3 & Uttar Kannada-1.
8	Malaprabha Dam	Malaprabha/Upper Krishna/Krishna	Karnataka	Belgaum						
9	Tungabhadra Dam	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Ballari						
10	Bhadra Reservoir	Bhadra/Upper Tungabhadra/Krishna	Karnataka	Chikmagalur						
11	Hidkal Dam	Ghataprabha/Upper Krishna/Krishna	Karnataka	Belgaum						
12	Hemavathy Reservoir	Hemavathy/Upper Cauvery/Cauvery	Karnataka	Hassan						
13	Krishnarajasagar Reservoir	Cauvery/Middle Cauvery/Cauvery	Karnataka	Mandya						
14	Narayanpur Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot						

15	Almati Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot						
16	Karanja Dam	Karanja/Manjra/Godavari	Karnataka	Bidar						
17	Idamalayar Reservoir	Periyar/Periyar and Others/WFR (Tadri to Kanyakumari)	Kerala	Ernakulam						Kerala: 05 teams of NDRF available i.e. Wayanad-1, Thrissur-1, Idukki-1 & Pathanamthitta-2
18	Idukki Reservoir	Periyar/Periyar and Others/WFR (Tadri to Kanyakumari)	Kerala	Idukki						
19	Mettur Reservoir	Cauvery/Middle Cauvery/Cauvery	Tamilnadu	Salem						Tamilnadu: - As mentioned above.
20	Bhavanisagar Dam	Bhavani/Middle Cauvery/Cauvery	Tamilnadu	Erode						
21	Gomukhi Dam	Vellar/Ponnaiyar and Others/EFR (Pennar to Kanyakumari)	Tamilnadu	Villupuram						
22	Sathanur Dam	Ponnaiyar/Ponnaiyar and Others/EFR (Pennar to Kanyakumari)	Tamilnadu	Thiruvannamalai						
23	Chembarappakkam Reservoir	Adyar/Palar and Others/EFR (Pennar to Kanyakumari)	Tamilnadu	Tiruvallur						
24	Poondi Reservoir	Kosasthaliyar/Palar and Others/EFR (Pennar to Kanyakumari)	Tamilnadu	Tiruvallur						
25	Wellington Reservoir	Periyar/Lower Periyar and Others/EFR (Pennar to Kanyakumari)	Tamilnadu	Cuddalore						

Note-1.] Based on above information, Project Authority may regulate the reservoirs as per standard operating manuals/rule levels to avoid downstream flooding and upstream submergence.
2.] Reservoirs in states where South-West monsoon has been withdrawn are not considered and the reservoirs located in states where North-East monsoon is prevalent are included in this report.



Training being imparted to SDRF

S.No.	Name of Course	Duration	Location
1	Basic Disaster Management Course	08 Weeks	NDRF Units
2	Basic CBRN Course	04 Weeks	
3.	Borewell Rescue Course	03 Days	
4	ToT in Community Action For Disaster response (CADRE)	02 Weeks	NDRF Academy
5	Urban search & Rescue (USAR)	03 Weeks	
6	HAZMAT	02 Weeks	
7	Training of Trainers (ToT)	02 Weeks	
8	Master Trainer (MT)	01 Week	



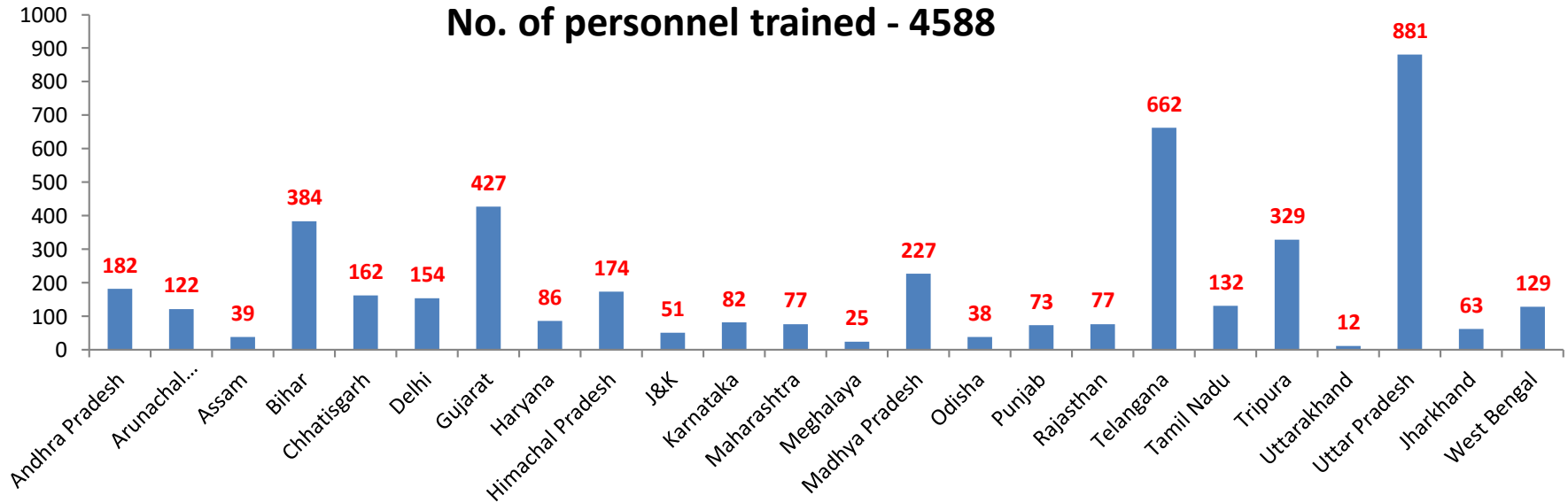
State-wise Basic DM Training last 05 years

UTs not undergone trg since 05 years –

1. A & N Island
2. Chandigarh
3. Daman & Diu
4. Lakshadweep

States not undergone trg since 05 years –

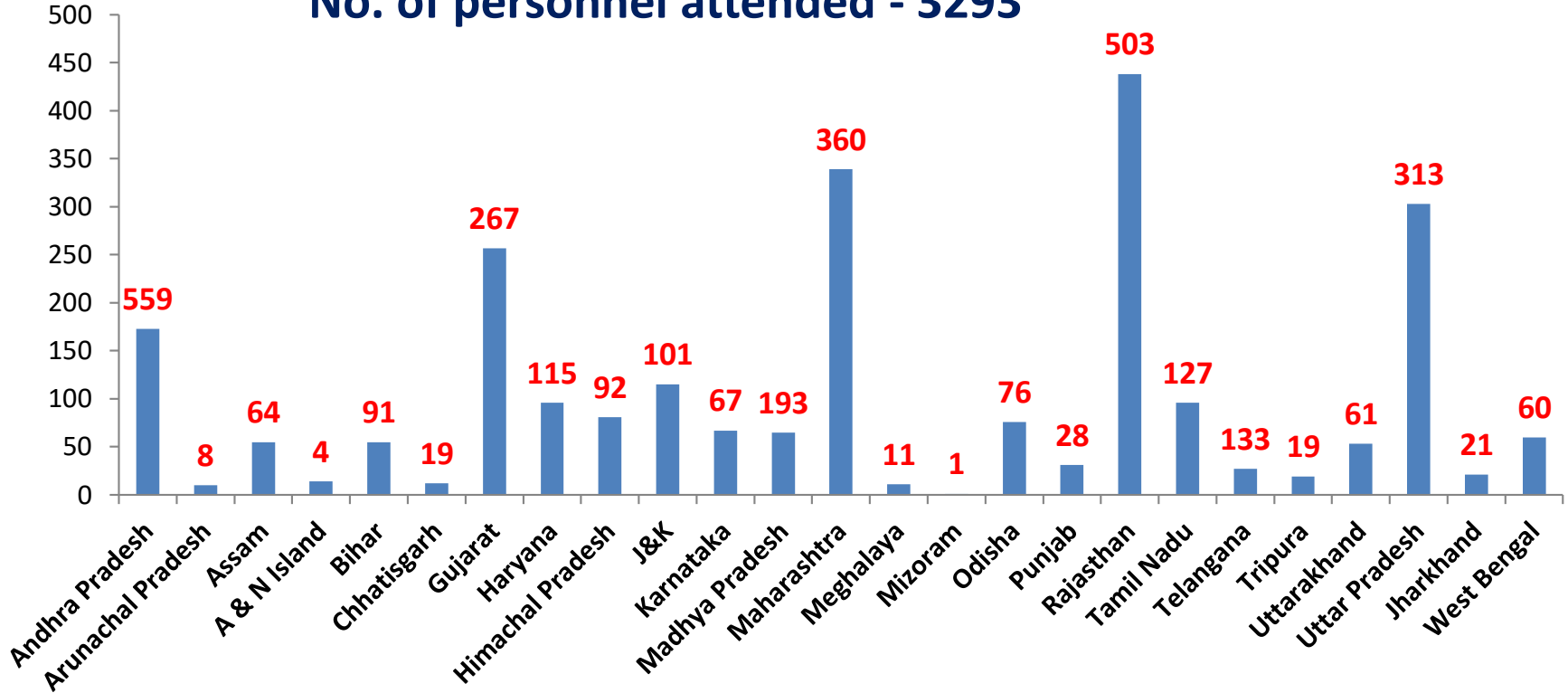
1. Kerala
2. Manipur
3. Mizoram
4. Nagaland
5. Sikkim





State-wise Advance Courses (USAR/HAZMAT/TOT/MT) during last 05 years

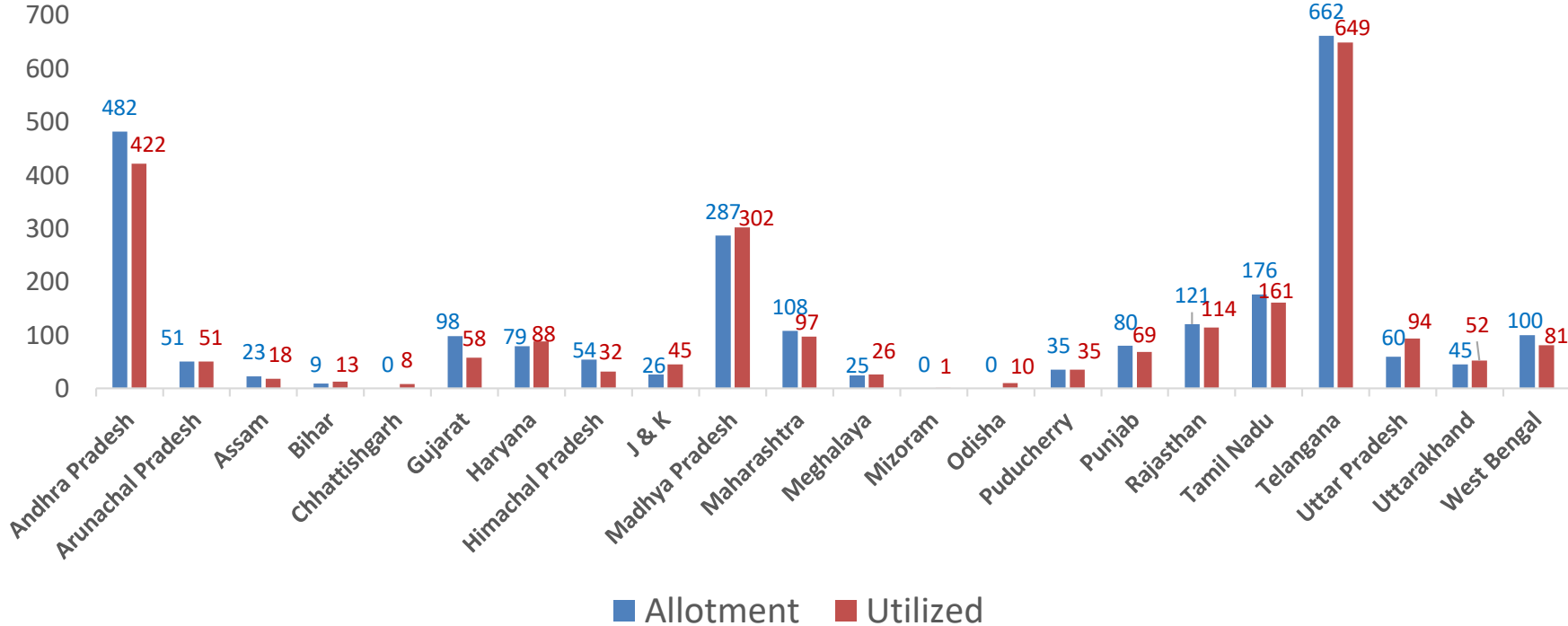
No. of personnel attended - 3293





Seat Utilization Status - 2025

Total Seats allotted – 2521
Seats Utilized – 2426 (96%)





States where SDRF not notified



S.N.	States/UTs	Working/Not Working	Strength
1	Andaman & Nicobar	Not working	-
2	Chandigarh	Not working	-
3	Delhi	In process	154 DAP personnel trained in basic DM training
4	Goa	Not working	269 personnel of Police and Home Guards are earmarked for disaster related duties in State.
5	Haryana	Working	603 personnel of IRB (474 trained in DM)
6	Ladakh	Working	49
7	Lakshadweep	Not working	-
8	Punjab	Working	41 personnel of PAP
9	Puducherry	Not working	-
10	Telangana	Working	Total 1132 personnel have been trained in Basic DM & basic CBRN Training