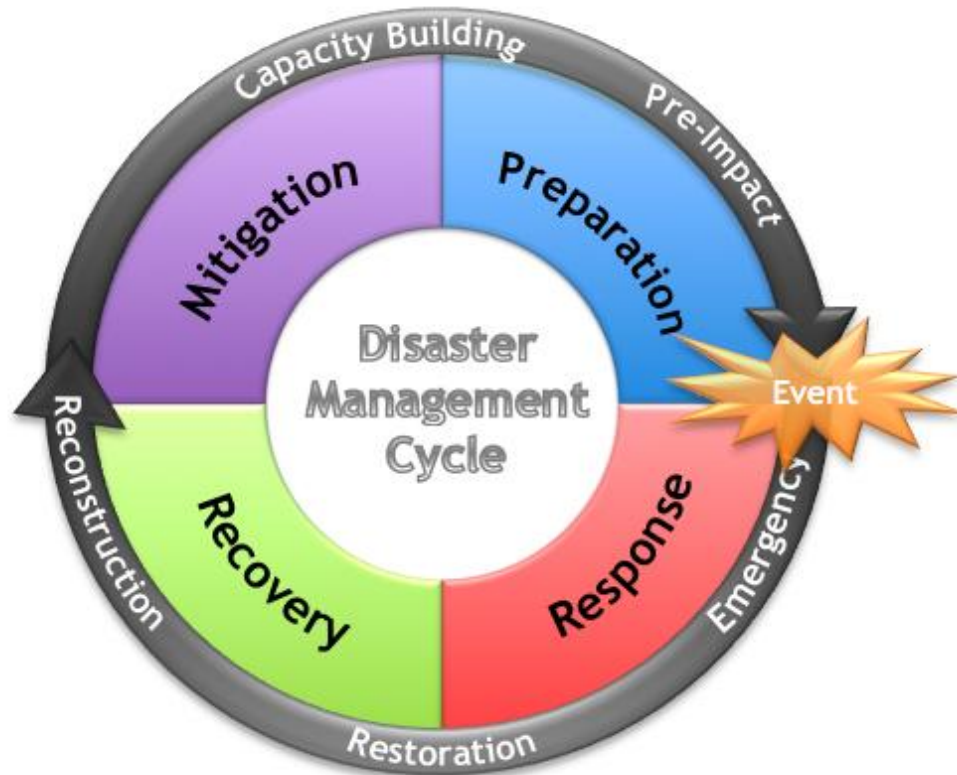




MONSOON PREPAREDENESS - 2023

NAGPUR MUNICIPAL CORPORATION



NMC Monsoon Preparedness 2023

Nagpur City Profile

- City Population : 24,05,421 (Census 2011)
- Area : 218 sqkm
- No. of slums : 426
- Slum population : 8.06 Lacs (2005)
- Potable water supply in slums : 100%
- Installed water capacity : 725 MLD
- Sewerage system coverage : 96% (Geographical)
- Underground Sewarage : 70%
- Solid waste generation : 1200 TPD
- Road Length : 3465.84 kms



NMC Monsoon Preparedness 2023

City Disaster Management Committee

1	Municipal Commissioner, N.M.C.	Chairperson
2	Police Commissioner, Nagpur City	Member
3	Additional Commissioner, (City), N.M.C.	Member
4	Chief Engineer (PWD), N.M.C.	Member
5	Deputy Municipal Commissioner & Director, (Solid Waste Management) N.M.C.	Member
6	Assistant Director, (Town Planning), N.M.C.	Member
7	Superintending Engineer (PWD), N.M.C.	Member
8	Superintending Engineer (Public Health Engineering Dept	Member
9	Executive Engineer (Electrical) N.M.C.	Member
10	Medical Officer, Health, N.M.C.	Member
11	Superintending Engineer (M.S.E.B.)	Member
12	Superintending Engineer (PWD), Nagpur City	Member
13	Deputy Regional Transport Officer, (R.T.O.) Nagpur City	Member
14	General Manager, (BSNL) Nagpur	Member
15	Commandant (S.D.R.F.) Nagpur	Member
16	Sub Divisional Officer, (SDO) ,Revenue Deptt., Nagpur	Member
17	Chief Fire Officer , N.M.C., Nagpur	Member, Secretary
18	Arusha Anand, City nodal officer, Diaster, NMC	Member



NMC Monsoon Preparedness 2023

Main control room & Zone wise control room

अनु क्रं.	झोनेचे नाव	दुरध्वानी क्रमांक	सहा. आयुक्त Incident Commander	संलग्न अग्निशमन केंद्र	दुरध्वानी क्रमांक	अग्निशमन केंद्राचे अधिकारी यांचे नाव व मोबाइल नंबर
१	मुख्य आपत्ती व्यवस्थापन कक्ष	७०३०९७२२००	अति आयुक्त (शहर)	आपातकालीन नियंत्रण कक्ष	०७१२/२५६७७७७	सर्व अग्निशमन केंद्र व नियंत्रण कक्ष
१	मुख्य आपातकालीन नियंत्रण कक्ष	१०१ ०७१२-२५६७७७७ / २५६७०२९	मुख्य अग्निशमन अधिकारी	सर्व झोन व अग्निशमन केंद्र	०७१२-२५५१८६६ /७०३०९७२२००	श्री.भिमराव. पी. चंदनखेडे 9923751402
२	लक्ष्मीनगर झोन क्रं. १	२२४५८६६ / २२४५८५५	श्री.मिलींद मेश्राम ९८२३३३०९३४	त्रिमुर्तीनगर अग्निशमन केंद्र	२२३३३००	श्री. तुषार बाराहाते ९५९४९४२१७१
३	धरमपेठ झोन क्रं. २	२५६५५८९ / २५६७०५६	श्री. प्रकाश वराडे ९८२३३३०९३१	सिव्हील अग्निशमन केंद्र	२५५७८६१	श्री. तुषार बाराहाते ९५९४९४२१७१
४	हनुमाननगर झोन क्रं. ३	२७५५५८९	श्री. प्रकाश वराडे ९८२३३३०९३१	नरेंद्रनगर अग्निशमन केंद्र	२७३३०९१	श्री. राजेंद्र सिरकीरवार ९६७३००९१०१
५	धंतोली झोन क्रं. ४	२९५८४०१ / २९५८४००	महेश धामेचा ९८२३३३०९३७	कॉटन मार्केट अग्निशमन केंद्र	२७२०३५५	श्री. भगवान वाघ ९३७१०८२८५५
६	नेहरू नगर झोन क्रं. ५	२७०००९०	श्री. घनश्याम पंघरे ८६००३६३७५०	सक्करदरा अग्निशमन केंद्र	२७०३८५२	श्री. सुनिल डोकरे ९७६५५५९८२०
७	गंधीबाग झोन क्रं. ६	२७३९८३२ / २३७९००७	श्री. गणेश राठोड ९८२३१२८२७५	गंजीपेठ अग्निशमन केंद्र	२७६०९०६	श्री. सय्यद शौकत अली ९३७१५०२५४५
८	संतरंजीपुरा झोन क्रं. ७	२५६७०२९ / २५६७७७७	श्री. घनश्याम पंघरे ८६००३६३७५०	कळमना अग्निशमन केंद्र	२६८०८५५	श्री. अनिल गोळे ९७६५४९०४४०
९	लकडगांज झोन क्रं. ८	२७३७५९९ / २७३९०२०	श्री. गणेश राठोड ९८२३१२८२७५	लकडगांज अग्निशमन केंद्र	२७६०९२०	श्री. अनिल गोळे ९७६५४९०४४०
१०	आसीनगर झोन क्रं. ९	२६५५६०३ / २६५५६०५	श्री.हरीष राजत ९७६५५५९८४२	सुगतनगर अग्निशमन केंद्र	२६५०१००	श्री. सुनिल डोकरे ९७६५५५९८२०
११	मंगळवारी झोन क्रं. १०	२५९६९०३	श्री.हरीष राजत ९७६५५५९८४२	सिव्हील अग्निशमन केंद्र	२५५७८६१	श्री. तुषार बाराहाते ९५९४९४२१७१

Important Control Room Contact Details

<p>जिल्हा आपत्ती नियंत्रण कक्ष, नागपूर 1077/ 0712-2562668 +91-8860018817 rdc_nagpur@rediffmail.com</p>	<p>विभागीय आपत्ती नियंत्रण कक्ष, नागपूर 0712-2542518/ 982200673 divcom.nc@gmail.com</p>
<p>मंत्रालय राज्य आपत्ती नियंत्रण कक्ष, मंत्रालय, मुंबई 022-22027990/ 22854168/ 22024243 controlroom@maharashtra.gov.in</p>	<p>राज्य आपत्ती प्रतिसाद दल, हिंणणा रोड, नागपूर नियंत्रण कक्ष (SDRF) 7507740400/ 07104-238030/238032 sdrf4nagpur@gmail.com</p>
<p>राष्ट्रीय आपत्ती प्रतिसाद दल, पुणे नियंत्रण कक्ष (NDRF-५th Battalion) 02114-247000/ 2477008 9422315628 5bnndrf@gmail.com</p>	<p>भारतीय हवामान खाते, नागपूर नियंत्रण कक्ष (IMD) 0712-2282398/ 2288554 3822672211/ 9423702277 ddgmnagpur@gmail.com</p>
<p>पोलिस नियंत्रण कक्ष, नागपूर शहर 0712-2561222 citycontrolroom.ngp@gmail.com</p>	<p>पोलीस नियंत्रण कक्ष, नागपूर ग्रामीण 0712-2560200 controlroomngp.r@maharshtrapolice.gov.in</p>
<p>फायर नियंत्रण कक्ष, महानगरपालिका नागपूर 0712-2567777/ 2567029</p>	<p>पूर नियंत्रण कक्ष, नागपूर 0712-2564431 9850371509 edvidc@gmail.com</p>
<p>हवाई दल ऑपरेशन्स (Air Force) 0712-2280051/22802227 44Wing Air Force Base Sonegaon: 0712-2280055</p>	<p>Indian Army HQ, AFI Building, RBI Square, Civil Lines, Nagpur 0712-2559927 hquttarmaharashtra@gmail.com Army नियंत्रण कक्ष (Gurad Regiment Centre) 07109-288594</p>
<p>होमगार्डस्, नियंत्रण कक्ष, नागपूर 0712-2461986/ 2465147</p>	

NMC Monsoon Preparedness 2023 संभावित

Hazard Seasonality Mapping of NMC area

SN	HAZARD	Probable Months											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	FLOOD												
2	EARTHQUAKE												
3	DROUGHT												
4	FIRE												
5	STORM												
6	COLD WAVE												
7	HEAT WAVE												



NMC Monsoon Preparedness 2023

Hazard, Vulnerability, Capacity Analysis (HVCA)

Hazard	Characteristics	Who /What at risk	Probability of Occurrence (Rating)	Vulnerability (Rating)	Ranking (probability x rating)
Flood	<ul style="list-style-type: none"> • There are three rivers, Nag, Pilli & Pohora Rivers in Nagpur which flows from West to East • Small Nalla meet these rivers at few locations 	Residence and Commercial establishment adjoining the Rivers and Transport	Occasional (2)	Low (1)	2



NMC Monsoon Preparedness 2023

STANDARD OPERATING PROCEDURES (SOPs)

The SOPs for “Normal time activities”, “On receiving the warning” and “Post disaster activities” is being updated and “Incident Response System” framework is being incorporated in Disaster Management Plan.



NMC Monsoon Preparedness 2023

Summary of Incidences arising out of heavy Rains during the period 2018 – 2023 in Nagpur City.

Sr. No.	Year	Water logging into houses	Felling of Trees	Walls Collapse	Houses Collapse	Injured	Deaths
1	2018	157	47	02	00	00	00
2	2019	16	63	03	03	00	00
3	2020	117	37	01	02	05	01
4	2021	21	37	-	01	-	-
5	2022	28	164	01	-	-	01
6	2023	03	41	-	02	-	-

NMC Monsoon Preparedness 2023

Summary of heavy Rains fall period 2018 – 2023 in Nagpur City.

Years	June	July	August	September	October
2018	9,10				
2019		2,26,28			
2020	14,15,30	21,23	2,6	20, 26	
2021	8,9,10,11,12, 15,17,18,23,28	8			
2022	21,22	7,9,10,11,12,13,14,15, 16,17,18,19,20 ते 31	4 ते 16,21,22,23,27, 28,29,30,31	1 ते 9, 8 ते 17, 12,13,7,14,16, 25,28,29	3,10,12,16,14,15,6,17,1 8,19,26,11
2023	8,14,23,24,2 6,27,28,29,3 0	2,3,5,7,8,9,10,11,12,13 ,14,15,16,17,18,19			

NMC Monsoon Preparedness 2023

Summary of Rains fall period June 2023 – to October 2023 in Nagpur City as per metrological department & Tahsil office, Nagpur

Years	June	July	August	September	October
2023	8,14,23,24,26,27,28,29,30	2,3,5,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28	2,3		

NMC Monsoon Preparedness 2023

Month wise Average Rainfall Data

Sr. No.	Month	Average Rainfall in mm
1	January	14
2	February	21
3	March	16
4	April	10
5	May	26
6	June	158
7	July	308
8	August	280
9	September	176
10	October	57
11	November	14
12	December	12

Rainfall Statement

नागपूर महानगरपालिच्या हद्दीतील पर्जन्यमानाचा अहवाल सन 2022

नागपूर महानगरपालिच्या हद्दीतील पर्जन्यमानाचा अहवाल सन 2022													
एकक मिलिमीटर													जिल्हा नागपूर
अ. क्र	तालुक्याचे नाव	पडणारा सरासरी पर्जन्यमान					दि. 1 जून ते 31 मे पर्यंत पडणारा वार्षिक सरासरी पाऊस मि.मि	दि. 1 जून ते 31 ऑक्टोबर अखेर पडणारा सरासरी पाऊस मि.मि	14 जुलै पर्यंत पडणारा सरासरी पाऊस मि.मि	दि 13 जुलै 2022 पर्यंत पडलेला पाऊस मि.मि.	दि 14 जुलै 2022 ला पडलेला पाऊस मि.मि.	दि 1 जून 2022 पासून आता पर्यंत पडलेला पाऊस मि.मि.	टक्केवारी
		जून मि.मि	जुलै मि.मि	ऑगस्ट मि.मि	सप्टेंबर मि.मि	ऑक्टोबर मि.मि							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	नागपूर (शहर)	173.29	304.42	282.63	191.07	59.83	1127.63	1011.24	310.8	430.5	10.33	440.7	141.80
सरासरी		173.29	304.42	282.63	191.07	59.83	1127.63	1011.24	310.8	430.5	10.33	440.7	141.80

Rainfall Statement

नागपूर महानगरपालिाच्या हद्दीतील पर्जन्यमानाचा अहवाल सन 08/06/2023 to 19/06/2023

नागपूर महानगरपालिाच्या हद्दीतील पर्जन्यमानाचा अहवाल सन 08/06/2023 to 19/06/2023											
	एकक मिलिमीटर						जिल्हा नागपूर				
अ. क्र	तालुक्याचे नाव	पडणारा सरासरी पर्जन्यमान					दि. 1 जून ते 31 मे पर्यंत पडणारा वार्षिक सरासरी पाऊस मि.मि	दि. 1 जून ते 31 ऑक्टोबर अखेर पडणारा सरासरी पाऊस मि.मि	19 जुलै पर्यंत पडणारा सरासरी पाऊस मि.मि	दि 1 जून 2023 पासून आता पर्यंत पडलेला पाऊस मि.मि.	टक्केवारी
		जून मि.मि	जुलै मि.मि	ऑगस्ट मि.मि	सप्टेंबर मि.मि	ऑक्टोबर मि.मि					
1	2	3	4	5	6	7	8	9	10	11	12
1	नागपूर (शहर)	171.2	171.86				343.06	343.06	343.06	343.06	114.35
सरासरी		171.2	171.86				343.06	343.06	343.06	343.06	114.35

Average Rainfall Data in Nagpur City June 2022 & 2023

June 2022			June 2023		
Date	Total	Average	Date	Total	Average
01.06.2022	0	0	01.06.2023	0	0
02.06.2022	0	0	02.06. 2023	0	0
03.06.2022	0	0	03.06. 2023	0	0
04.06.2022	0	0	04.06. 2023	0	0
05.06.2022	0	0	05.06. 2023	0	0
06.06.2022	0	0	06.06. 2023	0	0
07.06.2022	0	0	07.06. 2023	0	0
08.06.2022	0	0	08.06. 2023	6.1	2.0
09.06.2022	0	0	09.06. 2023	0	0
10.06.2022	0	0	10.06.2023	0	0
11.06.2022	0	0	11.06.2023	0	0
12.06.2022	0.2	0.06	12.06.2023	0	0
13.06.2022	0	0	13.06.2023	0	0
14.06.2022	1.6	0.53	14.06.2023	10.3	3.43
15.06.2022	0	0	15.06.2023	0	0

Average Rainfall Data in Nagpur City June 2022 & 2023

June 2022			June 2023		
Date	Total	Average	Date	Total	Average
16.06.2022	7.2	2.4	16.06.2023	0	0
17.06.2022	0.8	0.26	17.06.2023	0	0
18.06.2022	10.6	3.53	18.06.2023	0	0
19.06.2022	32.8	10.93	19.06.2023	0	0
20.06.2022	0	0	20.06.2023	0	0
21.06.2022	172.4	57.46	21.06.2023	0	0
22.06.2022	25.9	8.63	22.06.2023	0	0
23.06.2022	0	0	23.06.2023	133.4	44.4
24.06.2022	0	0	24.06.2023	80.0	26.6
25.06.2022	8	2.66	25.06.2023	0	0
26.06.2022	0	0	26.06.2023	171.9	57.3
27.06.2022	0	0	27.06.2023	48.5	16.1
28.06.2022	18.1	6.03	28.06.2023	33.9	11.3
29.06.2022	0	0	29.06.2023	18.4	6.13
30.06.2022	0	0	30.06.2023	11.1	3.7

Average Rainfall Data in Nagpur City July 2022 & 2023

July 2022			July 2023		
Date	Total	Average	Date	Total	Average
01.07.2022	30.1	10.03	01.07.2023	0	0
02.07.2022	33.3	11.43	02.07. 2023	1.8	0.6
03.07.2022	7	2.33	03.07. 2023	2.0	0.6
04.07.2022	43.6	14.53	04.07. 2023	0	0
05.07.2022	88	29.33	05.07. 2023	12.5	4.1
06.07.2022	0.6	0.2	06.07. 2023	0	0
07.07.2022	4	1.33	07.07. 2023	6.6	2.2
08.07.2022	158.8	52.93	08.07. 2023	18.6	6.2
09.07.2022	51	17	09.07. 2023	154.1	51.3
10.07.2022	67.8	22.6	10.07.2023	29.2	9.73
11.07.2022	228.8	76.26	11.07.2023	4.4	1.46
12.07.2022	109.5	36.5	12.07.2023	22.3	7.43
13.07.2022	109.6	63.53	13.07.2023	1.5	0.5
14.07.2022	30.4	10.13	14.07.2023	3.0	1.0
15.07.2022	226.8	75.6	15.07.2023	73.0	24.33

Average Rainfall Data in Nagpur City July 2022 & 2023

July 2022			July 2023		
Date	Total	Average	Date	Total	Average
16.07.2022	21.6	7.2	16.07.2023	8.0	2.6
17.07.2022	8.2	2.73	17.07.2023	81.3	27.1
18.07.2022	176.2	58.7	18.07.2023	0.3	0.1
19.07.2022	34.6	11.53	19.07.2023	97.0	32.3
20.07.2022	04.03	1.4	20.07.2023		
21.07.2022	7	2.3	21.07.2023		
22.07.2022	0	0	22.07.2023		
23.07.2022	5.5	1.83	23.07.2023		
24.07.2022	125.5	41.83	24.07.2023		
25.07.2022	52.4	17.46	25.07.2023		
26.07.2022	7	2.33	26.07.2023		
27.07.2022	58.7	19.56	27.07.2023		
28.07.2022	51.2	17.06	28.07.2023		
29.07.2022	3.2	1.06	29.07.2023		
30.07.2022	1.4	0.46	30.07.2023		
31.07.2022	78.2	26.06	31.07.2023		

Nagpur City Rainfall Detail

Nagpur City Rainfall 2022 (In mm)					
Sr no	City	Month	Total	Average	Rainy Days
1	Nagpur	June	227.6	92.49%	2
2		July	1906.3	636.24%	23
		August	1144.8	381.546	21
		September	1012.3	337.36	26
		October	341	105.11	12

Nagpur City Rainfall Detail

Nagpur City Rainfall 01/06/2023 to 19/07/2023 (In mm)					
Sr no	City	Month	Total	Average	Rainy Days
1	Nagpur	June	513.6	171.2 %	9
2		July	515.6	171.86 %	16
		August			
		September			
		October			

Nagpur City Rainfall Detail

Nagpur City Rainfall 3/08/2023 (In mm)					
Sr no	City	Month	Total	Average	Rainy Days
1	Nagpur	June	513.6	171.2 %	9
2		July	1577.6	525.78 %	25
3		August	110.8	36.92 %	2
4		September			
5		October			
	Total		2202	733.9 %	36

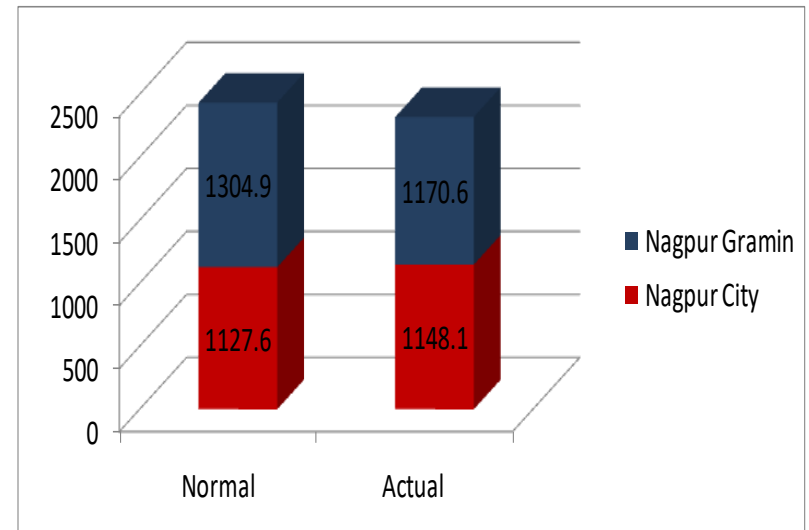
Nagpur City Rainfall Detail

Nagpur City Rainfall	02/08/2023 (In mm)	03/08/2023 (In mm)
Place	mm	mm
Airport	5.0	34.9
Pardi	4.2	29.2
Sitabuldi	6.3	31.2
Total	15.5	95.3
Average	5.16	31.76

Rainfall Pattern

Year	2017	2018	2019	2020	2021	2022	2023	Avg
Rainfall	821.5	902.6	1129.1	1110.1	1146.3	332.38	1029	1091.30
%	77.47%	85.2%	106.4%	104.7	108.1	34.00 %	343.0	100 %

Taluka wise Rainfall 2022 (In mm)				
Sr no	Taluka	Normal	Actual	Rainy Days
1	Nagpur City	1127.6	1304.9	69
2	Nagpur gramin	1148.1	1170.6	79



NMC Monsoon Preparedness 2023

- Disaster Management Control Room is set up at NMC HQ with Adequate Man Power 24X7
- Control room at all Zones will be functional from 1st of June till 31st September at all NMC Zones with Adequate Man Power and Machines
- Cleaning of Rivers is underway. Out of total length of 46.92 km. 11.92km is already cleared with 12 pocklands (on PPP) balance 35.00 km will be completed by 4th of June .
- Desilting of Drainage Lines, Nalla is in progress. Out of 227 Nallas 154 Nallas are being cleaned by man power and 73 Nallas are being cleaned by using machine and will be completed by 1st of June .
- Cleaning of storm water drain is in progress. The total length of storm water drain is 1146.41 km and will be cleared by 1st of June
- Out of 88664 sewer Manhole Chambers all are covered.



Available Resources : Human Resource & Equipments

Resources available at:

- Search & Rescue Teams at Taluka level
- Fire Department, NMC & MC
- Police
- Home guards
- Health Department
- SDRF (Hingna Road)
- NDRF (RRC Nagpur)
- NGOs and other organisations

NMC Monsoon Preparedness 2023

- All Dilapidated buildings are identified and necessary action as per the provision of MMC Act 1949 and as per the guidelines of GR dated 5/011/2015 regarding Dilapidated buildings is being taken.
- Smooth water supply will be ensured during Heavy Rainy days.
- Survey of Dangerous trees has been conducted and 10 teams are deployed in 10 Zones for cutting and removing the dangerous part of the tree.
- All 9 Fire Stations are equipped with Boats, Dewatering Pump, Cutting Breaking Tools, Emergency Lightings, Vehicles, Life Jackets and Trained Staff
- Disaster Management Control Room and Key Officers will be in constant touch with IMD for early warning and will be communicated to citizens via. Social Media, FM Radio, Television and Mega Phones



NMC Monsoon Preparedness 2023

- Low lying areas and flood prone areas are identified in all the Zones
- Temporary shelters for Flood affected families are identified in each Zones
- Mock drills will be conducted in the 1st week of June to check the preparedness of all departments.
- Water level monitoring system of Gorewada & Ambazari Lake is n place



Information of Disaster Management Plan 2023

- **Low lying areas and flood areas** – **66 Nos**
- **Slums dwelling houses damaged due to stagnation of Water** – **22 Nos**
- **Planning during Rainy season of the houses situated in hollow areas adjacent to Rivers/Nallas in Nagpur City** – **85 Nos**
- **Zone wise above the houses/buildings which are in dilapidated conditions** – **442 Nos**

NMC Monsoon Preparedness 2023

Important Inventories with Nagpur Municipal Corporation

- 1) Dewatering pumps - 53 Nos.
- 2) Chain Saw - 22 Nos.
- 3) Life Jackets - 99 Nos.
- 4) Lifebuoy - 66 Nos.
- 5) Torches - 42 Nos.
- 6) Inflatable lighting system - 8 Nos.
- 7) Spade, crow bar, ropes etc.
- 8) Cutting & Breaking tools
- 9) Rescue boats - 4 Nos.
- 10) Fire Tender - 23 Nos.
- 11) Turn Table Ladder - 1 No.
- 12) Hydraulic Platform - 1 No
- 13) JCB -13 Nos.
- 14) Poclain -7 Nos.
- 15) Ambulance -9 Nos.
- 16) Hearse Van - 9 Nos.

NMC Monsoon Preparedness 2023

1. Administrative Preparedness: (MOH)

- 1.1 Review meeting with officials for briefing on preparedness measures
- 1.2 Rapid Response Team: Formation of dedicated team under Health Officer NMC prabhag wise for effective implementation of all activities
- 1.3 Control room: Control Room for effective management of queries raised by citizen, keeping a check on spread of the disease and monitor preparedness level of the city
- 1.4 Drug availability: Estimation of drugs requirement and provisioning of essential drugs availability in all health facilities
- 1.5 Preparedness of vehicles: Total 9 ambulances MMU are deployed
- 1.6 Interdepartmental coordination: Nodal officer for epidemic is ensuring interdepartmental coordination for effective implementation of activities planned

NMC Monsoon Preparedness 2023

- 2. Training and capacity building:** Training calendar has prepared to train all NMC Health staff. Cascading of training session planned to train front line health workers like ASHA, MAS (Mahila Arogya Samiti) members
- 3. Medicine availability:** Estimation of essential drugs required and provisioning of essential drugs availability has ensured. Along with these, bleaching powder, Chlorine tablet, ORS powder has made available in appropriate quantity
- 4. Water quality testing:** NMC Health department in collaboration with OCW is regularly doing water quality testing round the year. According to the report, appropriate measures are taken to provide safe & quality drinking water

NMC Monsoon Preparedness 2023

5. **Rapid Response Team:** NMC health department has formed rapid response team at prabhag level

6. **Awareness generation:** NMC is using mass media, social media, print media to spread awareness among Nagpur citizen regarding water borne disease prevention and health promotion.



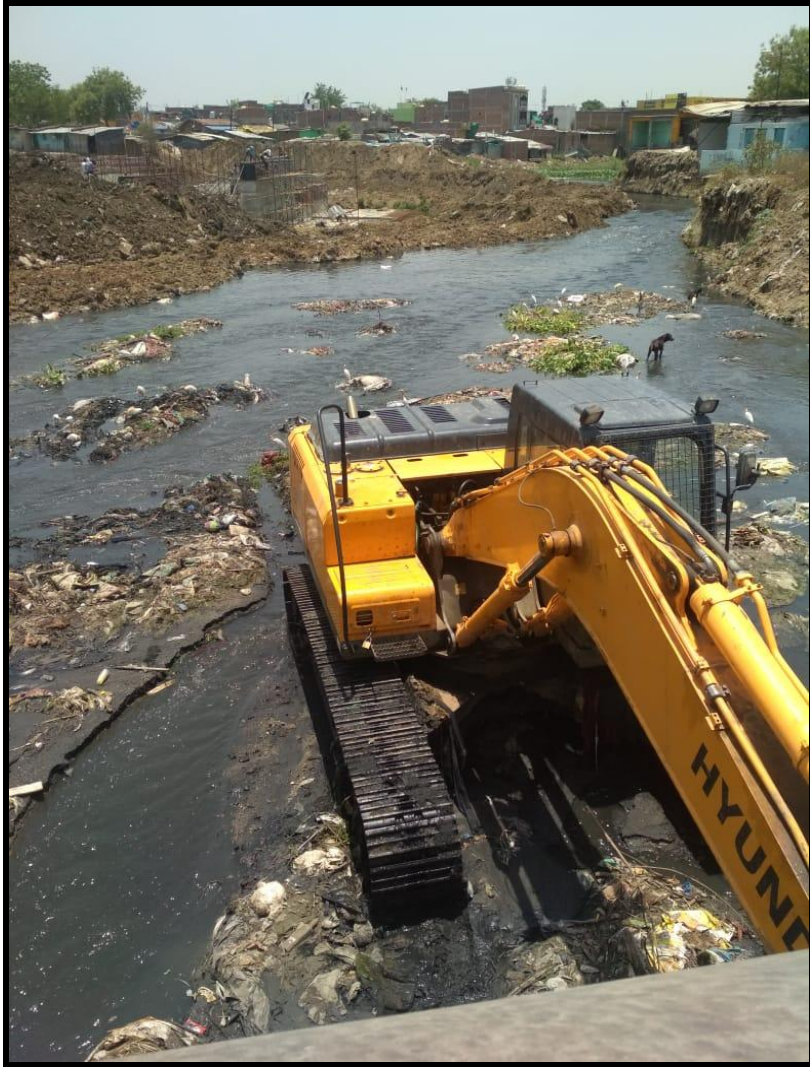
*Overflowing Ambazari
Lake on 13.08.2015 at
10.55hrs*



NMC Monsoon Preparedness 2023



NMC Monsoon Preparedness 2023



Thank you

