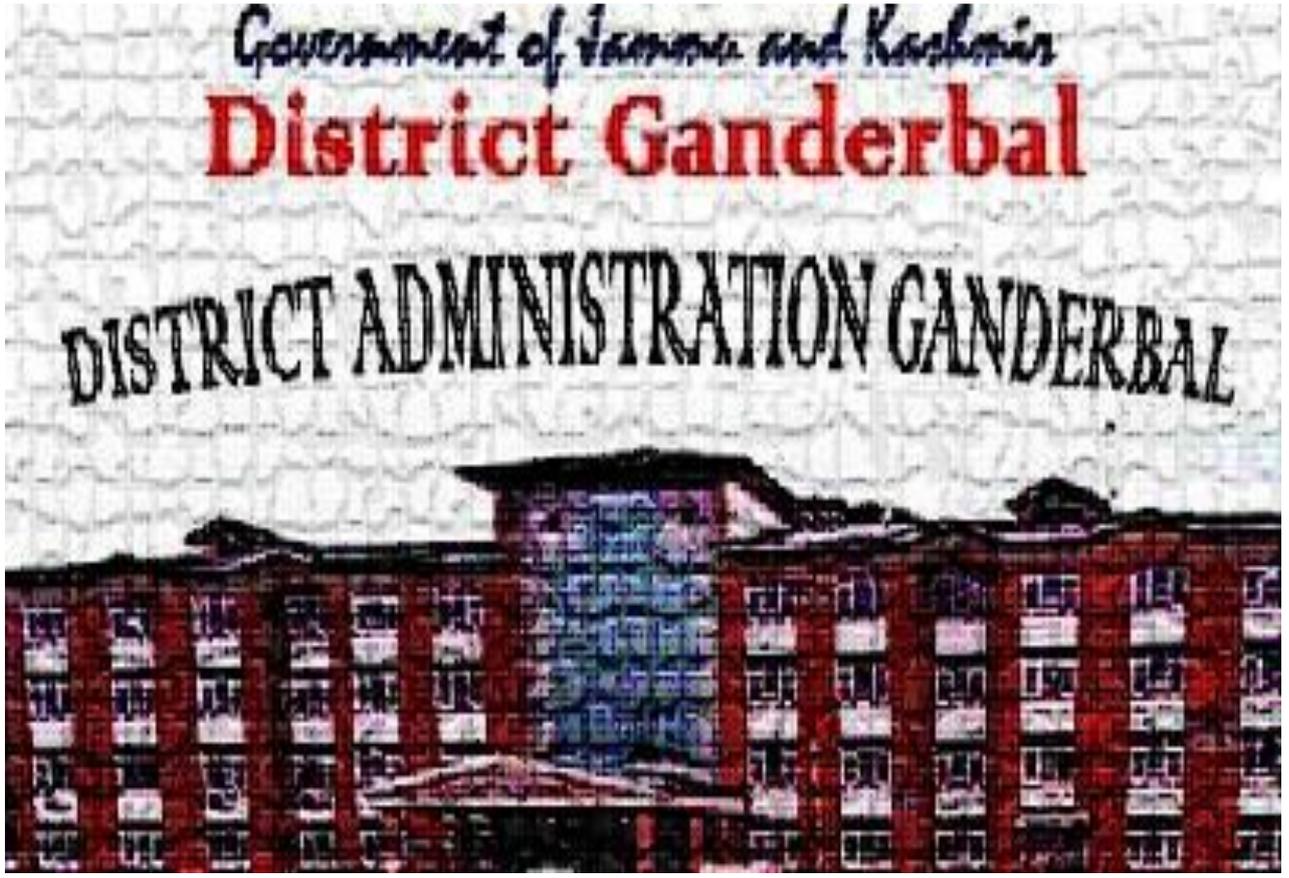


حکومت جموں و کشمیر
GOVT. OF JAMMU & KASHMIR.

OFFICE OF THE DISTRICT MAGISTRATE
[CHAIRMAN DISTRICT DISASTER MANAGEMENT AUTHORITY]
GANDERBAL

(REVISED DDMA – 2021-22)

“DISASTER MANAGEMENT PLAN”
OF
DISTRICT GANDERBAL
(2021-2022)



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**Deputy Commissioner,
Ganderbal**



MESSAGE

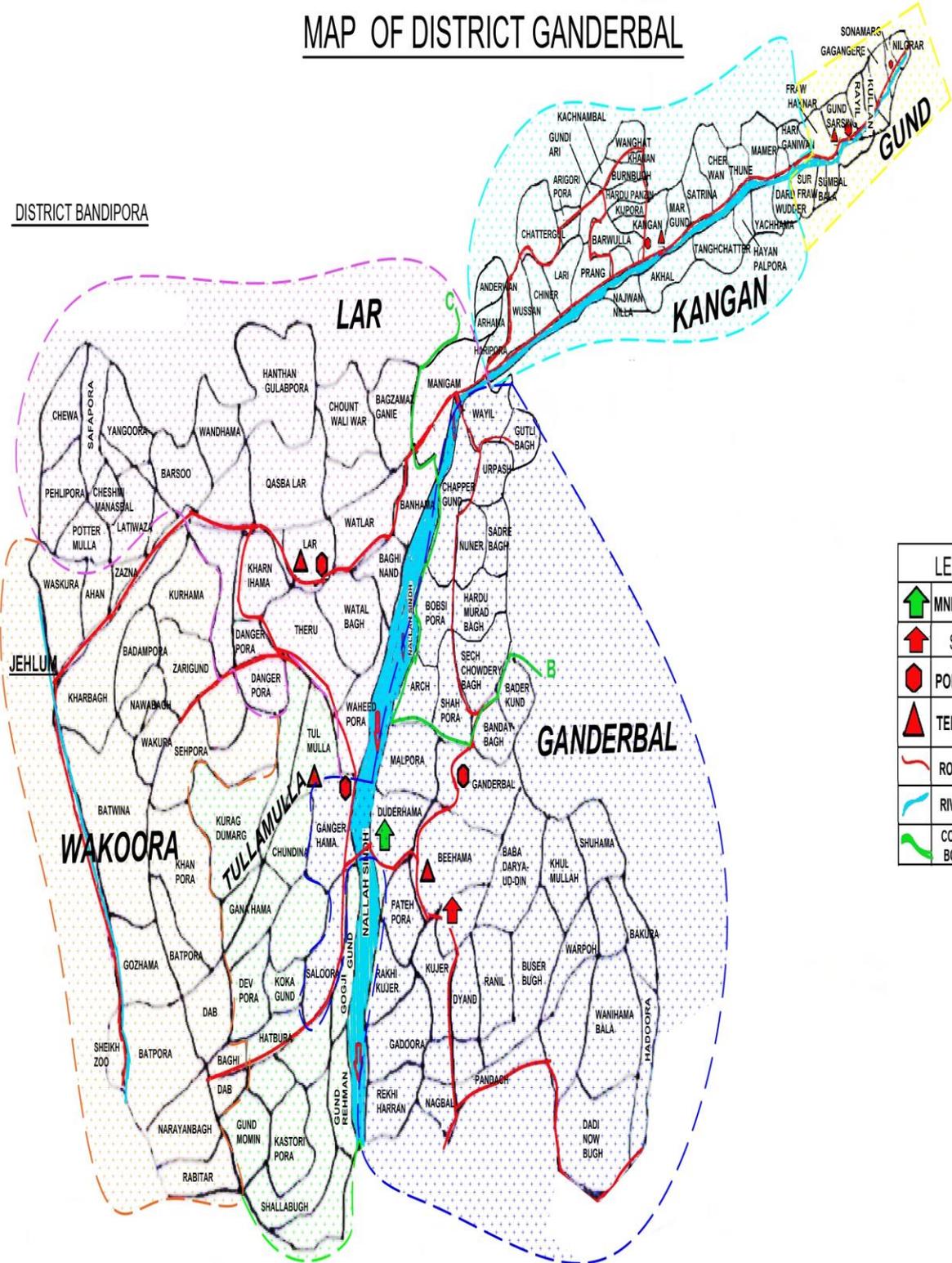
The aim of the District Disaster Management plan is to make Ganderbal a safe and disaster-resilient District. It will help to maximize the capacity and ability of all stakeholders to cope up with disasters of all kinds and increase the preparedness to respond to such disasters. This plan takes into account the trends that have been mentioned in J&K UT Disaster Management Policy and UT Disaster Management Plan. Implementation of the plan requires sincere cooperation from all the stakeholders especially the active participation of Civil society, Community Based Organizations and other communities. While the plan provides much clarity and a sound framework, the desired goals can be achieved only when all the stakeholders work together as a team. It will be possible to realize our goals in making the District safer by significantly reducing disaster risk and drastically improving our preparedness. Main objective is to have a comprehensive plan at District level, integrating prevention mitigation, preparedness and response. I am sure that implementation of this plan will go a long way in making Ganderbal a safe, adaptive and disaster-resilient District.

*Sd/-
(Mrs. Kritika Jyotsna), IAS*

MAP OF DISTRICT GANDERBAL



DISTRICT BANDIPORA



LEGEND	
	MNI SECRETARIAT
	S P OFFICE
	POLICE STATION
	TEHSIL OFFICE
	ROAD
	RIVER / NALLAH
	CONSTITUENCY BOUNDARY

DISTRICT SRINAGAR

COURTESY:- AL AMIN CADD CENTRE GBL

ABBREVIATIONS

1. ACD Assistant Commissioner Development
2. ASHA Accredited Social Health Activist
3. ATI Administrative Training Institute
4. ANC Anti Natal Care
5. BDO Block Development Officer
6. BIS Bureau of Indian Standards
7. BOCA Building Operations Controlling Authority
8. BPL Below Poverty Line
9. BQ Black Quarter
10. BRO Border Roads Organization
11. CAPD Consumer Affairs and Public Distribution
12. CBO Community Based Organizations
13. CMO Chief Medical Officer
14. COR Revenue Commissioner / Commissioner of Relief
15. DCC District Coordinator Committee
16. DDMA District Disaster Management Authority
17. DDMAP Department of Disaster Mitigation and Prevention
18. DDMO District Disaster Management Officer
19. DFO District Forest Officer
20. DIETs District Institutes of Education and Technology
21. DM Disaster Management
22. DMS Disaster Management Store
23. DMU Disaster Management Unit
24. DDMRRR Department of Disaster Management Relief Rehabilitation & Reconstruction
25. DRR Disaster Risk Reduction
26. ECEW Emergency Coordination & Early warning
27. EOC Emergency Operations Centre
28. ERC Emergency Response Centre
29. ESF Emergency Support Function
30. ESR Elevated Surface Reservoir
31. FIR First Investigation Report
32. FMD Foot and Mouth Disease
33. FPO Forest Protection Officer
34. FPRM Flood Probability Reduction Measures
35. FRM Flood Resilience Measures
36. GIS Geographical Information System
37. GLR Ground Level Reservoir
38. GPs Gram Panchayats
39. GPS Global Positioning System
40. GSI Geological Survey of India
41. HFA Hyogo Framework for Action
42. HFL Highest Flood Level
43. HPC High Power Committee
44. HRVA Hazard, Risk Vulnerability Analysis
45. HT High Tension
46. IAP Incident Action Plan
47. IEC Information, Education and Communication
48. IMD India Meteorological Department
49. IMPA Institute of Management, Public Administration and Rural Development
50. ISRO Indian Space Research Organization
51. ITBP Indo-Tibetan Border Police
52. IWMP Integrated Watershed Management Programme
53. JKPCC Jammu and Kashmir Project Construction Corporation

54. KVK	Krishi Vigyan Kendra
55. LHZ	Landslide Hazard Zonation
56. LT	Low Tension
57. MHA	Ministry of Home Affairs
58. MHPSS	Mental Health and Psychosocial Support
59. NCC	National Cadet Corps
60. NDMA	National Disaster Management Authority
61. NDRF	National Disaster Response Force
62. NEOC	National Emergency Operation Center
63. NGO	Non-Governmental Organization
64. NHRM	National Rural Health Management
65. NIDM	National Institute of Disaster Management
66. NIMHANS	National Institute of Mental Health and Neuro Sciences
67. NIRD	National Institute for Rural Development
68. NRDP	National Rural Drinking Water Programme
69. NRHM	National Rural Health Mission
70. PDC	Power Development Corporation
71. PDNA	Post Disaster Needs Assessment
72. PHC	Primary Health Care
73. PHE	Public Health Engineering
74. PIO	Public Information Officer
75. PRO	Public Relation Officer
76. PWD (R&B)	Public Works Department (Roads and Building)
77. SAR	Search and Rescue
78. SASE	Snow and Avalanche Study Establishment
79. SDM	Sub-Divisional Magistrate
80. SDMA	State Disaster Management Authority
81. SDMC	School Disaster Management Centre
82. SDRF	State Disaster Response Force
83. SEC	State Executive Committee
84. SIA	Social Impact Assessment
85. SOP	Standard Operating Procedure
86. SP	Superintendent of Police
87. SPDC	State Power Development Corporation
88. SRC	Special Relief Commissioner
89. TFCR	Taskforce Control Room
90. TOT	Training of Trainers
91. UDD	Urban Development Department
92. VHF	Very High Frequency
93. VIP	Very Important Person
94. WHO	World Health Organization

A. Introduction/ District at a Glance

District Ganderbal among other eight newly created Districts came into being in the year 2007 in the larger interests of maintenance of Law & Order, close supervision, more effective control & above all to ensure balanced development of the areas falling within its jurisdiction. District Ganderbal carved out of District Srinagar is flanked by District Baramulla in the West, District Srinagar in the South, newly created District Bandipora in the North West, Arhama Forests in the North, and the District Kargil in the East. The District Comprises of 139 villages grouped in 06 Tehsils viz Ganderbal, Kangan, Lar & newly created in 2014 Tullmulla, Wakura & Gund. In order to ensure faster implementation of various developmental activities, the District has been divided in as many as seven numbers of CD Blocks, one Municipal Committee with 17 Wards & 5 Educational Zones. The Administrative Center of the District is situated at bank of River Sindh at Duderhama Ganderbal about 22 kms away from the Union Territory Summer Capital Srinagar.

The District has the distinction of having a unique geographical position as it represents the last station of the valley depicting all the scenic features of the Kashmir Valley and the gate way to the Sky touching, denuded magnificent and multicoloured mountain ranges of the famous “Moon Land” Ladakh. Added to this, the presence of famous health resort Sonamarg and Manasbal Lake on its fringes, Qamar Sahib & Tullmulla Shrines in its lap and Sindh Nallah traversing though can contribute to the emergence of this area both as a creation & pilgrim tourist spot, triggering a chain of development activities that would catapult this region into economic prominence.

Agriculture is the mainstay of the economy of the District. The agriculture products like paddy & fruits are the main contributors of the GDP of the District.

OBJECTIVE OF THE DISASTER MANAGEMENT PLAN

Disasters never wait for their occurrences, we can't avoid such eventualities but at least we can put speed breakers to mitigate the incidental consequences.

- 1.** Disaster: - A sudden incident or a natural catastrophe that cause great damage of loss of life and property.

Disasters are in the shape of mishap or calamity either due to natural or manmade reasons which can't be stopped or tackled forthwith, but can be managed. It is a basic phenomenon which has occurred from time immemorial with verifying degree of occurrences and magnitude. Disasters have now become part of everyday life in different shapes/forms due to population pressure, increase in population density, Environmental degradation industrial influences, depletion of ozone layer, and vagaries of nature etc.

Consequently Disaster management has necessitated great importance in recent present day for anticipating such unforeseen situation (s) efficiently, what we need to be is well informed and well-equipped with latest technologies. We can't avert the outbreak of disaster, but can mitigate its impact to a large extent.
- 2.** In recent years, the Government of Jammu & Kashmir has been giving an increased focus towards the Disaster Management and related aspects all due to the fact that J&K State in general and Kashmir Division in particular is geographically vulnerable to multiple natural hazards like floods, earthquake, landslides, drought, windstorm, snow avalanches, etc. resulting in loss of lives, damage to the property, infrastructure and public utilities. The State has already witnessed various disasters like Flash Floods of 1994 of which washed away a large chunk of agricultural land including some villages and number of bridges and road between Wayil and kullan in District Ganderbal, Valtengoo Snow Avalanche (February 2005), Earthquake (2005), flash floods in Leh (2010) and massive floods in the Valley (September 2014).
- 3.** District Ganderbal is no exception to this and has too witnessed various disasters during the course of history. However, the resilience shown by the District in tiding over the periods of disaster has always remained impeccable. During 2014 deluge, District Authorities in collaboration with NGOs, Mass Social Organizations and volunteers has not only responded to the disaster with unparalleled bravery but have expeditiously responded and recovered from such an unprecedented deluge within the shortest possible time.
- 4.** While preparing Disaster Management Plan for Ganderbal District, the data collected at various levels was collated and on top of that was added to the Line Department data.

In order to address the root cause of vulnerability to natural disasters, District Administration is in the process of shifting its government policies towards proactive preparedness, mitigation and prevention. This highlights the links between disaster management and development, calling for a cross-sectoral approach to identify the bottlenecks to risk reduction. District Disaster Management Plan is being developed with a dual top-down and bottom-up approach, tapping the existing institutional capacity required for coordinated action, in response to community-based voicing of the most pressing needs. Efforts must mobilize a variety of actors – Government, private sector and civil society – to complement each other with their respective expertise, while allocating specific and binding responsibilities to overcome difficulties of collective action.
- 5.** We have tried to include the District related information, preparedness against risks, responses at the time of disasters as well as Disaster Management and strategy during the disaster. This Plan will be updated periodically, and also we will improve it through continuous feedback from all the Stakeholders and new lessons learnt from the past and present.
- 6.** We hope that this document shall go a long way in helping the District Administration in tackling the disaster situations in a systematic, tandem and smooth manner.

MAIN FOCUS OF THE PLAN

- 1 To identify various hazards, assess vulnerability and analyses risks for disaster management.**
- 2 To put in place a system to prevent disasters or reduce the impact of disasters on life and property.**
- 3 To generate awareness among masses for taking preventive measures to reduce the loss due to disasters.**
- 4 To mobilize resources for managing disasters and have periodic assessment of resources.**
- 5 To ensure coordination between various agencies/departments for managing Pre-post disaster scenario.**
- 6 To minimize the potential risk by decreasing vulnerability and building capacity to respond.**
- 7 To help in relief/rehabilitation and reconstruction in Post Disaster Scenario.**
- 8 To conduct post disaster evaluation and initiate various mitigation measures.**
- 9 To protect the lives of people in the District from any kind of natural disasters by way of quick response.**
- 10 To minimize the sufferings of vulnerable population and the loss of property/infrastructure in the District due to disasters.**
- 11 To achieve maximum efficiency in reducing vulnerability of people to disasters in the District.**
- 12 To promote a culture of Disaster resilience in the District.**
- 13 To design appropriate prevention and mitigation strategies across various levels of stakeholders in the District.**
- 14 To enhance the capacities of all relevant stakeholders in disaster risk reduction.**
- 15 To mainstream disaster risk reduction as integrated component of development planning in the District.**
- 16 To nurture and establish efficient disaster response/relief mechanism in the District.**
- 17 To provide clarity on roles and responsibilities for all stakeholders concerned with Disaster Response and Recovery.**
- 18 To ensure co-ordination and promoting constructive partnership with all other agencies related to Disaster Management.**

B. Topography of the District

Ganderbal was given status of a district in the year 2007 when it was carved out of District Srinagar to which it formed a part. Total geographical area of Ganderbal district is 1059-Sqkm and it is the smallest district by area in the state comprises of 01 Sub Division, 6 Tehsils and 7 Community Development Blocks.

Ganderbal District has a topography which ranges from cold desert with t reacherous lofty mountains barren of any vegetation in areas adjacent to District Kargil to temperate climate in the rest of the District. Due to Funnel Effect, western disturbances bring in large precipitate in areas around Zojilla & Sonamarg. In fact these are the areas with the highest precipitation in the Valley. Fortunately this is very sparingly populated area. However, National Highway (NH-1D) passes through this area, with infamous Zojilla pass having a history of disasters. With alternate Baltal route gaining popularity, almost half of the Yatries perform Yatra of Shri Amarnathji via this route.

Ganderbal and River Sindh (locally known as Sindh) are inseparable entities. Lofty mountains and Glaciers being sources of this torrential river, heavy and ferocious floods have occurred at least twice in last two decades. Great force and velocity of water has caused severe damages to villages and infrastructure like bridges and National Highway. As the river slows down near Ganderbal, where it enters plains, water logging and flooding are recurring features in villages of Sherpathri

In terms of topography District's Proneness to hazards may be summarized as:-

- 1) Areas from Kullan to Zojilla, lofty mountains bare vegetation, this area is prone to heavy snowfall, snow storms, avalanches and flash floods, sparsely populate Areas like Wangath Valley, Kangan area, Chattergul area with dense pine forests, moderately populated areas. This area is prone to forest fire, flash floods, and breach in irrigation/ Power Canals & avalanches.
- 2) Kandi areas in Tehsil Lar and Ganderbal and Kangan are prone to drought.
- 3) Areas of Sherpathri adjacent to River Sindh are prone to water logging and flooding.

In terms of tourist economic activity areas of concern in the District are:-

- 1) Zoji-la/ Baltal area , prone to vagaries of nature, as weather can take a sudden turn.
- 2) Areas in and around Ganderbal & on National Highway have now become prone to traffic related accidents.
- 3) Manasbal Lake area which sees heavy tourist inflow also needs an exhaustive plan in case of a boat capsizing tragedy.
- 4) Thousands of nomads move to upland pastures in district Ganderbal during Summers. As they reside in remote and inaccessible areas, they are at receiving end due to any sudden change in weather which often accounts for losses to their livestock.

Area sown under various crops

Agriculture Sector

<i>Name of the Crop</i>	<i>Gross Area (in hectares)</i>
Rice (paddy)	7852.11
Maize	2023.42
Vegetables	1234.68
Oil seeds	2061.46
Fodder	3808.70
Pulses	45.32
Wheat	-
<i>Total Estimated Gross Area under Cultivation</i>	<i>17025</i>

Horticulture Sector

<i>Name of the Crop</i>	<i>Gross Area (in hectares)</i>
Cherry	719.53
Grapes	210.43
Apple	1351
Others <i>(Walnut/ Pear/ Apricot/ Peach/ Plum etc.)</i>	220
<i>Total Estimated Area under Cultivation</i>	<i>2500.96</i>

Road Connectivity

Item		<i>R&B</i> <i>(in Kms)</i>	<i>PMGSY</i> <i>(in Kms)</i>	<i>BEACON</i> <i>(in Kms)</i>
Total Road Length maintained	:	564.00	142.33	129.71
Black topped	:	445.65	110.93	110.554
Mettled	:	111.65	11.65	7
Shingled	:	0.00	-	3.159
Fair weather	:	6.70	19.75	3.995

Village wise proneness to Hazards (is given in tabulated form)

Hazard Probability in District

Sr.No	Hazard	Probability of Occurrence	Areas Affected
1.	Earthquakes	Anytime (Seismic Zone IV & V)	Whole District
2.	Flash Floods	Autumn mainly(September)	Whole district
3.	Snow Avalanches, Snow Storm	Winter mainly	Mountainous Areas
4.	Cloudburst	Autumn(September)	Mountainous Areas
5.	Windstorm	Autumn/Spring	Whole district
6.	Hailstorm	Spring(March-May)	Whole District
7.	Landslides	Summer/Autumn	Mountainous Areas
8.	Lightning	Anytime	Plain Areas(Agri.)
9.	Drought	Constant Dry Spell	Low Lying Areas (Agricultural/ Horticulture land)
10.	Fire	Anytime	Urban Areas(Congestion)
11.	Forest Fires	Autumn	Mountainous Areas
12.	Tourism/Crowd Management/ Stampede	Whole Year (peak at summer)	Tourism spots/Religious places
13.	Biological Hazards	Anytime	Whole District
14.	Mines	Anytime	Mine areas
15.	Drowning	Spring-Summer	Areas along river peripheries
16.	Road Accidents	Anytime	Whole District

VILLAGE-WISE HAZARD MAPS

Village Wise Hazard Map of Tehsil Ganderbal

S.No	Tehsil	Block	Name of village	Population as on 31.03.2018	Connected with Road or not	Potential Hazards
1	Ganderbal	MCG	Beehama	2745	Connected	Road Accident/ breach in power canal
2	Ganderbal	Ganderbal	Malshahibagh	1758	Connected	Road Accident/ breach in power canal
3	Ganderbal	Ganderbal	Darend	1908	Connected	Road Accident
4	Ganderbal	Ganderbal	Nagbal	699	Connected	Road Accident
5	Ganderbal	Ganderbal	Rangil	4210	Connected	Road Accident
6	Ganderbal	MCG	Ganderbal	5165	Connected	Road Accident
7	Ganderbal	Ganderbal	Shahpora	932	Connected	Road Accident
8	Ganderbal	Ganderbal	Bandaybagh	991	Connected	Road Accident
9	Ganderbal	Ganderbal	Malpora	787	Connected	Road Accident
10	Ganderbal	MCG	Buderkund	2165	Connected	Road Accident
11	Ganderbal	Ganderbal	Nunner	4046	Connected	Road Accident/ Breach in power canal
12	Ganderbal	Ganderbal	Arch	1769	Connected	Road Accident
13	Ganderbal	Ganderbal	Babusipora	887	Connected	Road Accident
14	Ganderbal	Ganderbal	Saderbagh	471	Connected	Road Accident
15	Ganderbal	Ganderbal	Serch Chowdribagh	1586	Connected	Road Accident
16	Ganderbal	Ganderbal	Hardu Mirudbagh	400	Connected	Road Accident
17	Ganderbal	Ganderbal	Wayiloo Balla	8530	Connected	Road Accident/ Breach in Nallah Sindh near Wayil Bridge/ Breach In Power Canal
18	Ganderbal	Ganderbal	Wayiloo Payeen			
19	Ganderbal	Ganderbal	Gutlibagh	2641	Connected	Drought/ Breach in Power canal
20	Ganderbal	Ganderbal	Chappergund	264	Connected	Drought/ Breach in Power canal
21	Ganderbal	Ganderbal	Urpash	3070	Connected	Drought/breach
22	Ganderbal	MCG	Saloor	6737	Connected	Submerging
23	Ganderbal	MCG	Bamloora		Connected	Submerging
24	Ganderbal	MCG	Katchan	3011	Connected	Submerging
25	Ganderbal	MCG	Gangerhama	3115	Connected	Submerging
26	Ganderbal	MCG	Duderhama	1436	Connected	Submerging
27	Ganderbal	MCG	Fatehpura	2373	Connected	Submerging
28	Ganderbal	Ganderbal	Kujar	1128	Connected	Submerging
29	Ganderbal	Ganderbal	Rakh-i-Kujar	0	Connected	Submerging
30	Ganderbal	Ganderbal	Rakhi Harran	536	Connected	Submerging
31	Ganderbal	Ganderbal	Gadoora	1625	Connected	Submerging

32	Ganderbal	Ganderbal	Warpahoo	1459	Connected	Drought
33	Ganderbal	Ganderbal	Shuhama	2390	Connected	Drought
34	Ganderbal	Ganderbal	Dadinowbugh	710	Connected	Drought
35	Ganderbal	Ganderbal	Bakura	3747	Connected	Drought
36	Ganderbal	Ganderbal	Hadura	1656	Connected	Drought
37	Ganderbal	Ganderbal	Wanihama	1644	Connected	Drought
38	Ganderbal	Ganderbal	Khallmulla	3286	Connected	Drought
39	Ganderbal	SMC	Pandach	5200	Connected	Drought
40	Ganderbal	Ganderbal	Babadaryadin	2020	Connected	Drought
41	Ganderbal	Ganderbal	Buserbugh	1905	Connected	Drought

All Villages fall in Seismic Zone-5 so are vulnerable to earthquakes

Village Wise Hazard Map of Tehsil Tullamulla

S.No	Tehsil	Block	Name of village	Population as on 31.03.2018	Connected with Road or not	Potential Hazards
1	Tullamulla	Sherpathri	Harran	1512	Connected	Submerging
2	Tullamulla	Sherpathri	GundeRehman	1018	Connected	Submerging
3	Tullamulla	Ganderbal	Tullamulla	7399	Connected	Submerging
4	Tullamulla	Sherpathri	Sehpora	2735	Connected	Submerging
5	Tullamulla	Sherpathri	Chundina	1290	Connected	Submerging
6	Tullamulla	Sherpathri	Gogji Gund	541	Connected	Submerging
7	Tullamulla	Sherpathri	Rabitar Gundroshan	387	Connected	Submerging
8	Tullamulla	Sherpathri	Devpora	996	Connected	Submerging
9	Tullamulla	Sherpathri	Korag Domarg	1996	Connected	Submerging
10	Tullamulla	Sherpathri	Kokgund	336	Connected	Submerging
11	Tullamulla	Sherpathri	Shallabugh	5402	Connected	Submerging
12	Tullamulla	Sherpathri	Hatabara	1779	Connected	Submerging
13	Tullamulla	Sherpathri	HakimGund	627	Connected	Submerging
14	Tullamulla	Sherpathri	Kosturipora	506	Connected	Submerging
15	Tullamulla	Sherpathri	Gundimomin	211	Connected	Submerging

All Villages fall in Seismic Zone-5 so are vulnerable to earthquakes

Village Wise Hazard Map of Tehsil Gund Sarsing

S.No	Tehsil	Block	Name of village	Population as on 31.03.2018	Connected with Road or not	Potential Hazards
1	Gund	Gund	Nilgrar	1265	Connected	Road Accident/ SnowAvalanches/ Floods
2	Gund	Gund	Sonamarg	1876	Connected	Road Accident/ SnowAvalanches/ Floods
3	Gund	Gund	Poorjat Gagangeer	4216	Connected	Road Accident/ Snow Avalanches/ Floods
4	Gund	Gund	Kullan	3913	Connected	Road Accident/ Snow Avalanches/ Floods/ Drought
5	Gund	Gund	Rayil	2693	Connected	Road Accident/ Snow Avalanches/ Floods/ Drought/ Heavy Snowfall
6	Gund	Gund	Gund Sarsing	3712	Connected	Road Accident/ Snow Avalanches/ Floods/ Drought at Hilpati / Heavy Snowfall
7	Gund	Gund	Fraw Haknar	5135	Connected	Road Accident/ Snow Avalanches/ Floods/ Drought at Hilpati / Heavy Snowfall/ Breach in power canal
8	Gund	Gund	Sumbal Balla	2510	Connected	Road Accident/Snow Avalanches
9	Gund	Gund	Surfraw	4620	Connected	Road Accident/Snow Avalanches at plan South from Chopan Mohalla Drought effect at Surfraw Bagh pati

****All the villages fall in Seismic Zone-5 and are vulnerable to the earth quake.***

Village Wise Hazard Map of Tehsil Kangan

Sr. No	Tehsil	Block	Name of village	Population as per 2011 Census	Connected with Road or not	Potential Hazards
1	Kangan	Gund	Hariganiwan	6713	Connected	Road Accident/ Snow Avalanches at Astan Mohalla near Ganiwan Bridge/Breach in Nallah Sindh near USHP-II can effect nearly 10000 kanals of Land/Structures upto village Mamer & near Jamia Masjid Hariganwan /Slides/mud, mountain slipping on the National Highway/Drought
2	Kangan	Kangan	Mamer	4439	Connected	Road Accident/Heavy Snowfall/Avalanches/Breach in Power Canal/Drought
3	Kangan	Kangan	Thune	4147	Connected	Road Accident/Heavy Snowfall/Avalanches/Breach in Nallah Sindh near main stop /Breach in Power Canal/ Drought
4	Kangan	Kangan	Dard-Wudder	1501	Connected	Road Accident/Heavy Snowfall/Avalanches/Drought
5	Kangan	Kangan	Hayan-Palpora	2420	Connected	Road Accident/Heavy Snowfall/Avalanches/Drought
6	Kangan	Kangan	Yachama	2171	Connected	Road Accident/Heavy Snowfall/Avalanches/Drought
7	Kangan	Kangan	Cherwan	4408	Connected	Road Accident/Heavy Snowfall/Avalanches/Breach in Power Canal/Drought
8	Kangan	Kangan	Satrina	1493	Connected	Road Accident/Heavy Snowfall/Avalanches/Breach in Power Canal/Drought
9	Kangan	Kangan	Margund	3538	Connected	Road Accident/Heavy Snowfall/Avalanches/Breach in Power Canal/Drought
10	Kangan	Kangan	Kangan	6216	Connected	Road Accident/Heavy Snowfall/Avalanches/Breach in Power Canal/Drought
11	Kangan	Kangan	Kijpara	915	Connected	Road Accident/Heavy Snowfall/Avalanches/Breach in Power Canal/Drought
12	Kangan	Kangan	Hardu Panzin	1685	Connected	Road Accident/Heavy Snowfall/Avalanches/Breach in Power Canal/Drought
13	Kangan	Kangan	Akhal	5089	Connected	Road Accident/Heavy Snowfall/Avalanches/Drought

14	Kangan	Kangan	Nilla Najwan	3720	Connected	Road Accident/Heavy Snowfall/Avalanches/Drought
15	Kangan	Kangan	Tangchetter	702	Connected	Road Accident/Heavy Snowfall/Avalanches/Drought
16	Kangan	Kangan	Wangath	3056	Connected	Road Accident/Heavy Snowfall/Avalanches/Drought
17	Kangan	Kangan	Khanan	1821	Connected	Road Accident/Heavy Snowfall/Drought can effect Wuder to Babawayil
18	Kangan	Kangan	Barnabugh	2979	Connected	Road Accident/ Heavy Snowfall/ Avalanches/Breach in power canal/ Drought effect from poshkar pati of barnabugh
19	Kangan	Kangan	Bumlina	1586	Connected	Road Accident/Heavy Snowfall/Avalanches/ Drought
20	Kangan	Kangan	Plang	2685	Connected	Road Accident/Heavy Snowfall/Avalanches/ Drought
21	Kangan	Kangan	Lari	1015	Connected	Road Accident/Heavy Snowfall/Avalanches/ Drought
22	Kangan	Kangan	Gund Ari	992	Connected	Road Accident/Heavy Snowfall/Avalanches/ Drought
23	Kangan	Kangan	Drugtango	665	Connected	Road Accident/Heavy Snowfall/Avalanches/ Drought/ Breach in power canal
24	Kangan	Kangan	Kachnambal	8532	Connected	Road Accident/Heavy Snowfall/Avalanches/ Drought
25	Kangan	Kangan	Barwalla	1685	Connected	Road Accident/Heavy Snowfall/Avalanches/ Drought/ Breach in power canal
26	Kangan	Kangan	Wussan	2850	Connected	Road Accident/Heavy Snowfall/Avalanches/Breach in Nallah Sindh in front of Gutlibagh/Drought
27	Kangan	Kangan	Chinner	4447	Connected	Road Accident/Heavy Snowfall/Avalanches
28	Kangan	Kangan	Chattergul	18428	Connected	Road Accident/Heavy Snowfall/Avalanches
29	Kangan	Kangan	Arigoripora	3416	Connected	Road Accident/Heavy Snowfall/Avalanches
30	Kangan	Lar	Haripora	4041	Connected	Road Accident/Heavy Snowfall/Avalanches
31	Kangan	Lar	Anderwan	3883	Connected	Road Accident/Heavy Snowfall/Avalanches
32	Kangan	Lar	Arhama	6628	Connected	Road Accident/Heavy Snowfall/Avalanches

All the villages fall in Seismic Zone-5 and are vulnerable to the earth quake.

Village Wise Hazard Map of Tehsil Lar

S.No	Tehsil	Block	Name of village	Population as on 31.03.2018	Connected with Road or not	Potential Hazards
1	Lar	Lar	Manigam	7618	Connected	Road Accident/Flood prone area due to Nallah Sindh/Breach in Lar Canal
2	Lar	Lar	Benhama	2073	Connected	Road Accident/Drought Prone area/Breach in Lar canal
3	Lar	Lar	Baghi Zamanganie	131	Connected	Road Accident/Breach in Lar canal
4	Lar	Lar	Qasba Lar	4556	Connected	Road Accident/Drought/Breach in Lar Canal
5	Lar	Lar	Repora	3017	Connected	Road Accident/Drought/Breach in Lar Canal
6	Lar	Lar	Khrahihama	2248	Connected	Road Accident/Drought/Breach in Lar Canal
7	Lar	Lar	Wandhama	520	Connected	Road Accident/Drought/Breach in Lar Canal
8	Lar	Lar	Watlar	3083	Connected	Road Accident/Drought/Breach in Lar Canal
9	Lar	Lar	Baghi-Mahanand	418	Connected	Road Accident
10	Lar	Lar	Chountiwali war	5951	Connected	Snowfall/ Drought Prone Area/Road Slides/ Avalanche Prone Area
11	Lar	Lar	Chanthangul abpora	2359	Connected	Snowfall/Drought Prone Area/Road Slides
12	Lar	Lar	Theeru	2415	Connected	Snowfall/Drought Flood Prone Area due to Nallah Sindh
13	Lar	Lar	Waheedpora	2333	Connected	Road Accident/Flood prone area due to Nallah Sindh
14	Lar	Lar	Watalbagh	1041	Connected	Road Accident
15	Lar	Wakoora	Barsoo	2096	Connected	Road Accident/ Drought/Breach in Lar Canal
16	Lar	Wakoora	Bardalla	680	Connected	Road Accident
17	Lar	Wakoora	Yangoora	6380	Connected	Snowfall/Drought /Road /Breach in Lar canal
18	Lar	Wakoora	Lathiwaza	340	Connected	Snowfall/Drought
19	Lar	Safapora	Safapora	10520	Connected	Drought/breach in Lar Canal
20	Lar	Safapora	Pehlipora	3035	Connected	Drought
21	Lar	Safapora	Gulabagh	1238	Connected	Drought
22	Lar	Safapora	Cheshma Manasbal	596	Connected	Drought

All the villages fall in Seismic Zone-5 and are vulnerable to the earth quake.

Village Wise Hazard Map of Tehsil Wakoora

S.No	Tehsil	Block	Name of village	Population as per 2011 Census	Connected with Road or not	Potential Hazards
1	Wakoora	Wakoora	Waskoora	1592	Connected	Drought
2		Wakoora	Kharbagh	589	Connected	Drought
3		Wakoora	Badampora	1817	Connected	Drought /Breach in Power Canal
4		Wakoora	Zazna	1409	Connected	Drought /Breach in Power Canal
5		Wakoora	Ahan	930	Connected	Drought /Breach in Power Canal
6		Wakoora	Zarigund	143	Connected	Drought
7		Wakoora	Batwina	3711	Connected	Drought
8		Wakoora	Nawabagh	543	Connected	Drought
9		Wakoora	Batpora	853	Connected	Drought
10		Wakoora	Khanpora	401	Connected	Drought
11		Wakoora	Gozhama	784	Connected	Drought
12		Wakoora	Wakura	4463	Connected	Breach in Lar canal
13		Wakoora	Gamwara	349	Connected	Drought
14		Wakoora	Rakhi Rabitar	140	Connected	Submerging/ Drought
15		Wakoora	Dab	3609	Connected	Submerging/ Drought
16		Wakoora	Baghi Dab	8	Connected	Submerging/ Drought
17		Wakoora	NarayanBagh	2666	Connected	Submerging/ Drought
18		Wakoora	Sheikhzoo	803	Connected	Submerging/ Drought
19		Wakoora	Kurhama	2879	Connected	Snowfall/Drought

All the villages fall in Seismic Zone-5 and are vulnerable to the earth quake.

A. District Disaster Management Authority

Ganderbal was given status of a district in the year 2007 when it was carved out of District Srinagar of which it formed a part. It comprises of 01 Sub-Division, 6 Tehsils and 7 Community Development Blocks. Ganderbal District has a topography which ranges from treacherous lofty mountains barren of any vegetation in areas adjacent to District Kargil to temperate climate in the rest of the District. Due to Funnel Effect, western disturbances bring in huge amounts of precipitation in areas around Zoji-la & Sonamarg. The mountain peaks like Harmukh, Kolahoi, and Gunj etc. in the Sogput Dhar Range remain snow clad all the year round. In fact these are the areas with the highest precipitation in the Valley. Fortunately this is very sparingly populated area. However, National Highway (NH-1D) passes through this area, with infamous Zoji-la pass

S. No.	Description	Unit	Magnitude
1.	Geographical Area	Sq. Km	1045
2.	Sub-Division	No.	01
3.	Tehsil	No.	06
4.	Blocks	No.	07
5.	Villages	No.	139
6.	Panchayats	No.	126
7.	Municipal Council	No.	01
08.	Population as per 2011 Census	Lac persons	2.97
09.	Schedule Tribe Population	Lac persons	20.5%
10	House Holds	Lac persons	45,361

C. HISTORY OF PAST DISASTERS IN THE DISTRICT

Ganderbal is the newly formed district of J&K Ganderbal like other parts of the Kashmir is in the seismic zone-v and are vulnerable to natural disasters like Floods, Drought, Landslides ,Earthquakes, cloud bursts and Avalanches threats (risk) and possible impact (vulnerability) which can be actualized from these hazards ranges from minor impacts affecting one village to events impacting larger area

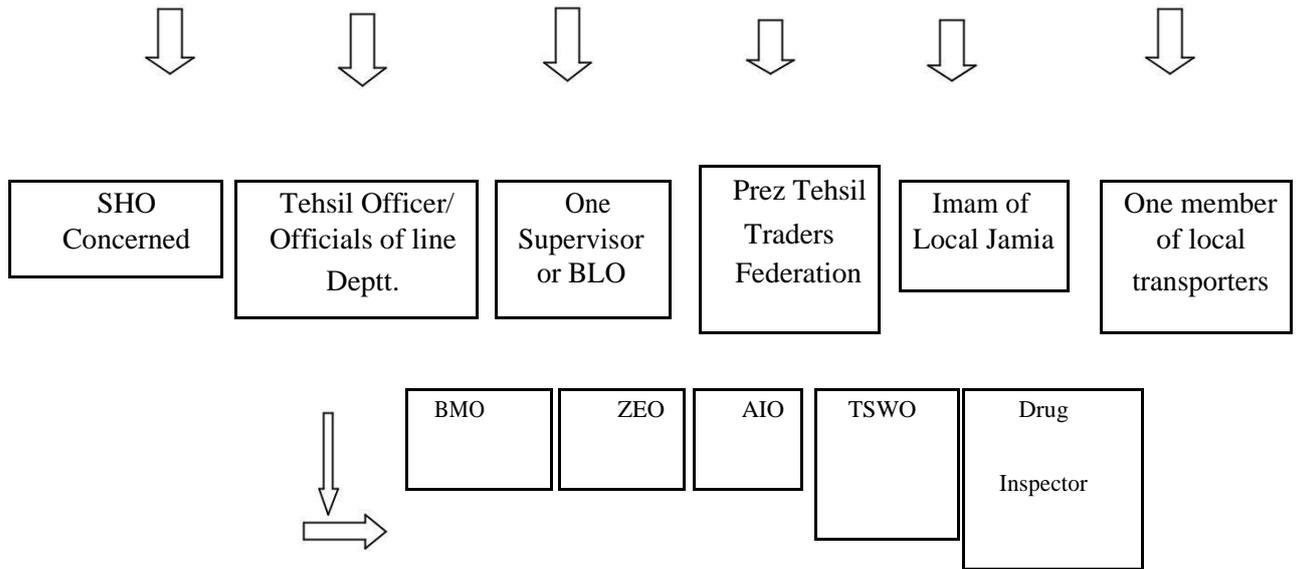
S. No.	Tehsil	Affected area/village	Type of Disaster	Month / Year	Intensity/ Impact
1.	Ganderbal	Waheedpora, Gangerhama, TikaBagh, Arch, Babsipora, Mallapora, WayilloPayeen.	Flood/Flash floods	1992	Severe
		Gadoora	Flood	2014	
2.	Tulmulla	Sherpathri area comprising of Shallabugh, Kastooripora, Chundina, Hakimgund, Hatbara, Sehpora, Kujjar, , Harran, Gogjigund, Rabitar, Gund Roshan , Korg, KokaGund, GundMomin, Fatehpora, Salooru.Tulmulla,	Flood	1996	Moderate
		Shallabugh, Sehpora, Chundina, Gangerhama Rabitar, Gund Roshan Gogjigund,Salooru.Tulmulla, KurgDu-Marg, Devpora ,Bamloora, Kachan	FloodFlood	2014	Moderate
3.	Tehsil Wakura	Dab,Narayanbagh, Rakhi Rabitar	Flood	1996	Severe
		Gamwara, Guzhama, Ahan,Waskura, Batpora, Kharbagh,Sheikh zoo, Kurhama,Wakura, Dab, Narayanbagh, Rakhi Rabitar	Flood	2014	Severe
4.	Tehsil Gund	Kullan Gund Ganiwan	Cloudburst/ FlashFlood	June1992 July-2015	High Partial
5.	Tehsil Gund	Mammar, Hariganiwan, Dard-wooder	Hail Storm	June 2008	High

DISTRICT DISASTER MANAGEMENT AUTHORITY

In pursuance of Rule 7 of Notification SRO-138 dated: 23-04-2007

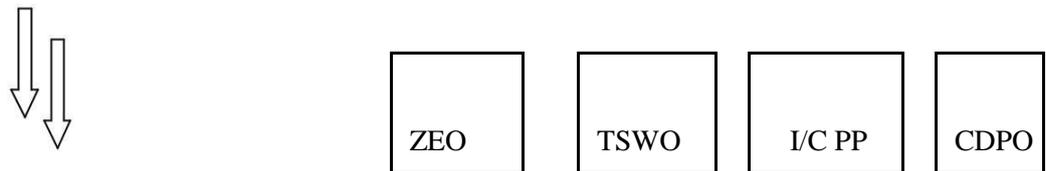
1. Deputy Commissioner : Chairman
2. Addl. Deputy Commissioner : Chief Executive Officer
3. District Superintendent of Police : Member
4. Superintendent Engineer PW (R&B) : Member
5. Chief Medical Officer : Member
6. Assistant Director FCS&CAD : Member

Tehsil Committee: Tehsildar (Chairman)

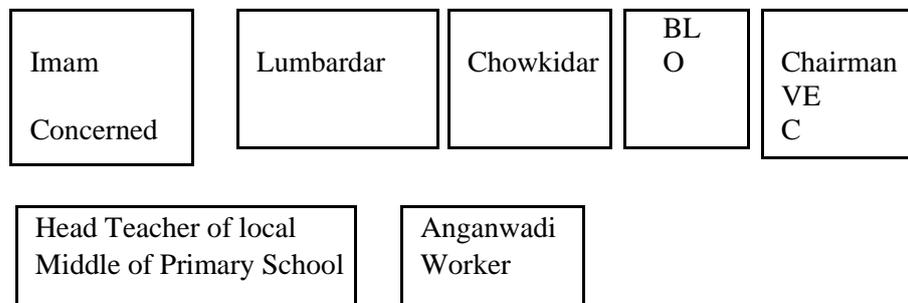


Block Committee

BDO (Chairman)



Mohalla/ Village Committee

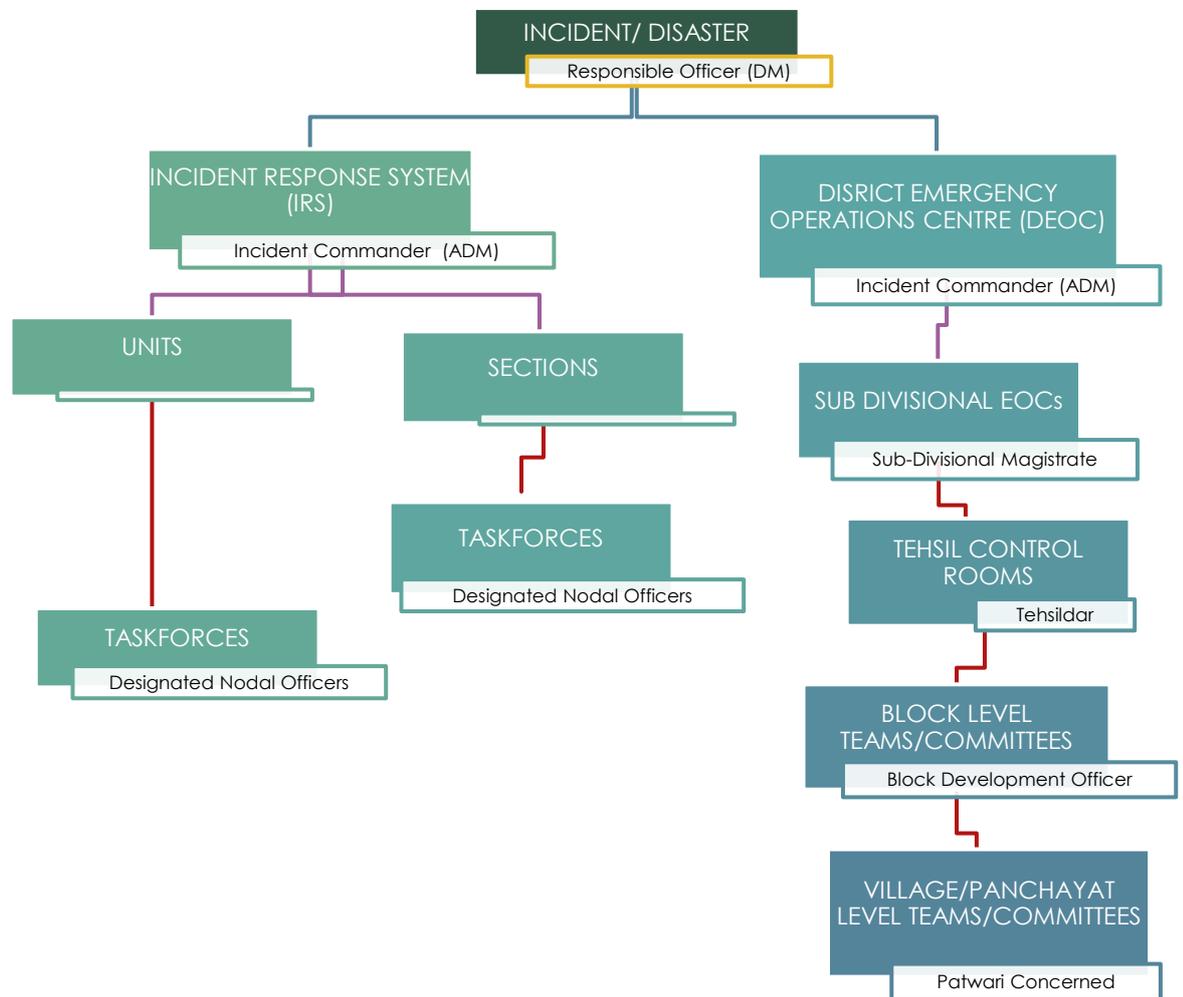


D. Powers & Functions of DDMA:

- ✓ To act and function as District Disaster Advisory Committee.
- ✓ To prepare a Disaster Management Plan (including district response plan for the District).
- ✓ To coordinate and monitor the implementation of the National Policy for Disaster Management and J&K UT Disaster Management Policy, 2017.
- ✓ Identification of vulnerable areas in the district to disasters and to take measures for prevention and mitigation of its effects by the departments at the district level.
- ✓ To coordinate the functioning of various departments at the district level in disaster response.
- ✓ To Review the state of capabilities for responding to any disaster or threatening disaster situation in the district and give direction to the relevant departments for upgrading as may be necessary.
- ✓ To organize and coordinate specialized training programmes and also to facilitate community awareness programmes with the support of local authorities, NGOs etc.
- ✓ Providing necessary technical assistance/advice to local authorities in the district to carry out their functions.
- ✓ Identification of disaster relief centers and to stock/pile relief and rescue material at these centers.
- ✓ Encourage the NGOs & CBO's at the grassroots in the district for disaster management.

INSTITUTIONAL MECHANISM

The Revenue Department of the District would be the Nodal Department for disaster response which includes the coordination of rescue, relief and rehabilitation. All other concerned Line Departments will extend their full cooperation in all the matters pertaining to disaster response. The EOCs, ERC and other Control Rooms at the district level will be activated with full strength. The institutional framework proposed for facilitating disaster response is given below: -

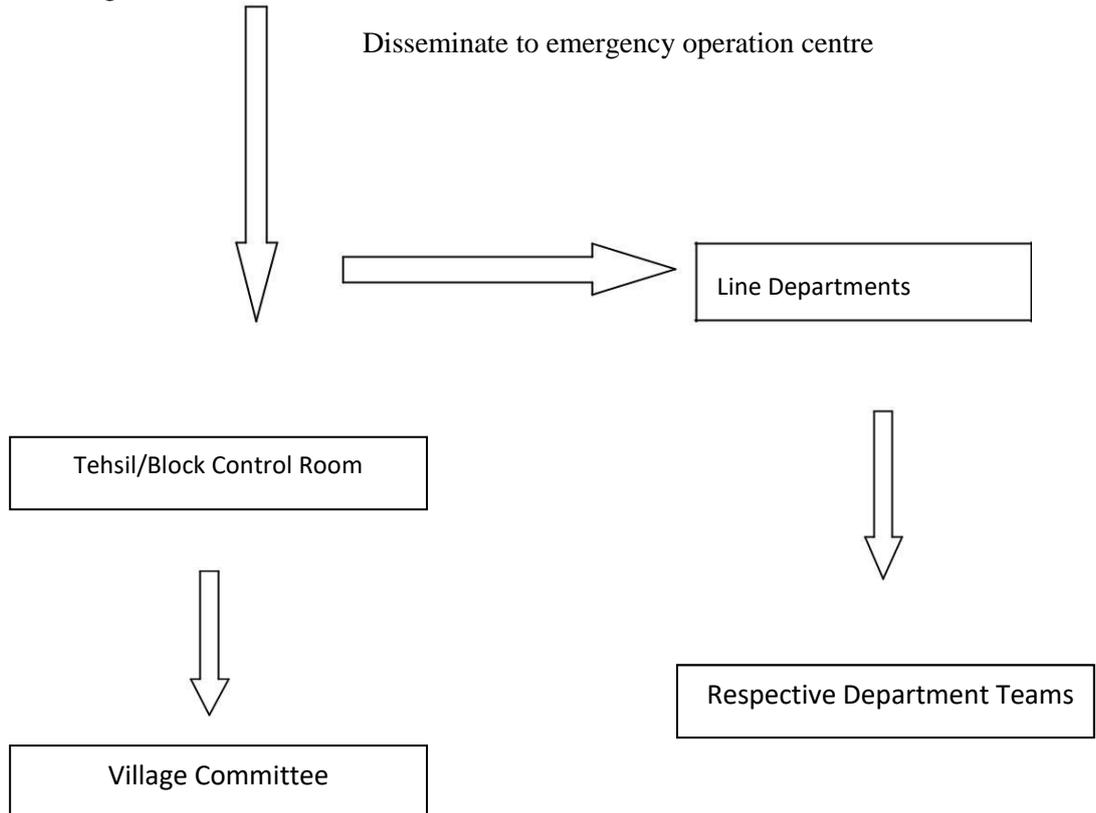


E. CONTINGENCY PLAN FOR EARLY WARNING RELIEF RECOVERY

To put in place Warning System:

An official of the rank of Naib Tehsildar will be Incharge

Warnings received from.....Div.Com Office/Other Sources



On the receipt of warning or alert from any such agency which is competent to issue such a warning, or on the basis of reports from District Collector of the occurrence of a disaster, the response structure of Ganderbal District will be put into operation. The details of agencies competent enough for issuing warning or alert pertaining to various types of disasters are :-

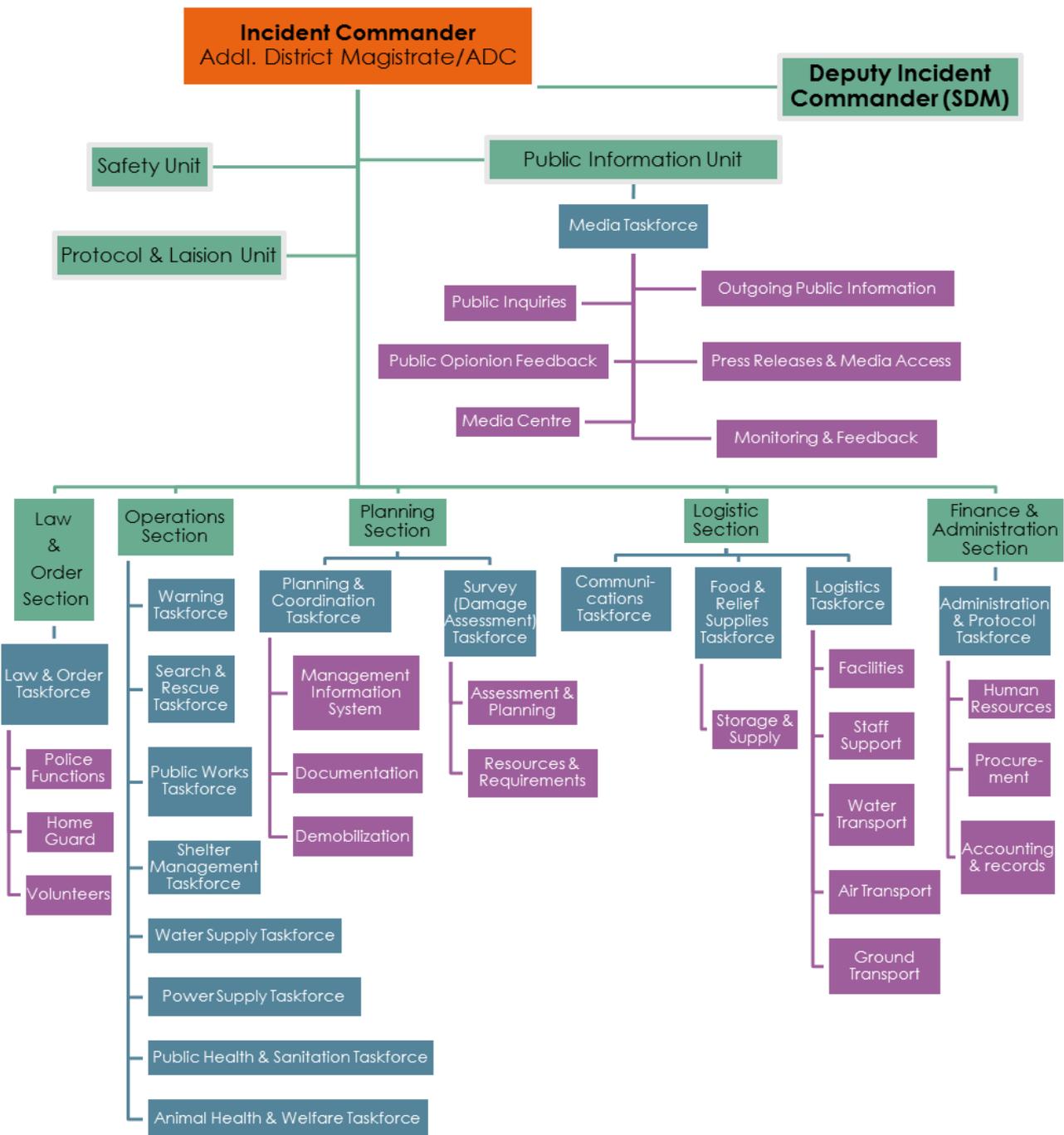
Agencies involved in issuing first alert

Disaster	Nodal Agencies
Earthquakes	IMD, ISR, GSI Floods IMD, Irrigation & FC
Floods	IMD, Irrigation & Flood Control Department
Windstorm/ Rains/ Cloudburst/ Cold waves	IMD, Revenue Department, Irrigation & Flood Control Department, Agriculture/Horticulture Departments
Avalanche	IMD, ISR, SASE
Drought	Agriculture/Horticulture Department
Epidemics	Health & Family Welfare Department
Industrial & Chemical Accidents	Industry, Labour & Employment Department
Fire	Fire & Emergency Services

The EOCs and ERC will be put on full alert and expanded to include branch arrangements, with responsibilities for specific tasks, depending on the nature of disaster and extent of its impact. The number of branches to be activated will be decided by the Deputy Commissioner/District Collector at the District level. All line departments and Nodal Officers will work under the overall supervision and administrative control of the District Collector. All the decisions taken in the EOC have to be approved by the District Incident Commander. Immediate access to the disaster site through various means of communications such as mobiles, VSAT, wireless communication and hotline contact needs to be established and maintained. As mentioned earlier, the EOCs and ERC in its expanded form will continue to operate as long as the need for emergency relief and operations continue and the longer term plans for rehabilitation are finalized. For managing long-term rehabilitation programmes, such as reconstruction of houses, infrastructure and other social amenities, the responsibilities will be that of respective line departments through a well-structured R&R Programme.

INCIDENT RESPONSE SYSTEM (IRS)

For immediate and effective disaster response, Incident Response System for the District has been prepared, in line with the State as well as National Disaster Management Plans and the same has been incorporated in the updated version of District Disaster Management Plan. District Administration has identified 16 expected Taskforces for key Response Operation functions, each headed by an Officer Incharge and supported by other concerned members/organizations, as under:-



IRS - Basic Functions

The response to disasters in the district will be organized according to the Incident Response System (IRS). The fundamental elements of IRS – ‘Unity of Command, Clarity of Objectives and Efficient Resource Use’ are common to the effective response to any disaster.

The disaster response is led by the District Emergency Operations Center (EOC) under the command and control of the District Collector/DM.

The basic functional descriptions for key elements in the District Incident Command System are described below. Not all these functions need to be filled (activated) in every disaster. However, the ensemble of these functions represents all the key tasks, which need to be accomplished in a well-planned manner and executed in effective and cost-efficient disaster response effort.

Incident Commander (Additional District Magistrate)

Responsible for overall management of an incident based on clearly stated mandate from Higher Authority and on focused objectives responding to the immediate impact of the incident. An Incident Commander, who shall be assisted by a Dy. Incident Commander, leads the Incident command System. Each incident will have as many commanders and other staff, as there are shifts in the incident operation.

Addl. District Collector/ADM is the Incident Commander of the District level EOC. During emergency situations, he/she takes over the charge of the Control Room and commands all emergency operations and so on. The Incident Commander is vested with the responsibility for designing the search and/or rescue and/or recovery that is occurring. The role of the Incident Commander is filled by a representative of the Police, Ambulance Service, Fire Services, and Traffic. They are responsible for the management of all incident operations at the incident site. The requesting agencies with authority to function in the role of Incident Commander are:

- Police force of Jurisdiction
- Ambulance Service
- Civil Defense (SDRF)
- Transport Department (unlikely for avalanche rescue and/or recovery)
- Local Authorities including Fire & Rescue service providers.

EMERGENCY OPERATION TASKFORCES

The District administration of Ganderbal has identified 16 expected Taskforces for key response operation functions that are described below. Each Taskforce is led by one organization and supported by other organizations. The composition of the Taskforces is given:

S. No.	Taskforce	Operations	Nodal Officer	Supporting Members/ Organizations	IRS Section/ Unit
1.	Planning & Coordination	Coordinate early warning, Response & Recovery Operations	District Collector/ DM	Additional District Development Commissioner /ADC, Assistant Director Planning, Additional Superintendent of Police	Planning
2.	Administration & Protocol	Support Disaster Operations by efficiently completing the paper work and other Administrative tasks needed to ensure effective and timely relief assistance	Additional District Development Commissioner/ADC	Assistant Commissioner Development, Chief Accounts Officer DRDA, Additional Superintendent of Police	Finance & Administration
3.	Warning	Collection and dissemination of warnings of potential disasters	Additional Deputy Commissioner	District Information Officer, Executive Engineer Irrigation & Flood Control, Police Control Room.	Operations
4.	Law & Order	Assure the execution of all laws and maintenance of order in the area affected by the incident	Senior Superintendent of Police	Assistant Commissioner Revenue (ADM), Commandant SDRF	Law & Order
5.	Search & Rescue (including Evacuation)	Provide human and material resources needed to support local evacuation, search and rescue efforts	Deputy Controller, Civil Defense	Deputy Director Fire & Emergency Services, Deputy Superintendent of Police (DAR)	Operations
6.	Public Works	Provide the personnel and resources needed to support local efforts to reestablish normally operating infrastructure	Superintending Engineer PW (R&B)	Executive Engineer, Assistant Executive Engineer /Jr. Engineers (concerned)	Operations
7.	Water Supply	Assure the provision of sufficient portable water for human and animal consumption (priority), and water for industrial and agricultural uses as appropriate	Superintending Engineer, Hydraulics	Executive Engineer, PHE Chief Medical Officer, Assistant Executive Engineer /Jr. Engineers (concerned)	Operations
8.	Food and Relief Supplies	Assure the provision of basic food and other relief needs in the affected communities	Assistant Director, Food, Civil Supplies & Consumer Affairs Department	Supplies Officer with Deputy Commissioner Anantnag, concerned Tehsil Supply Officers, District Red Cross Society	Logistics
9.	Power Supply	Provide the resources to reestablish normal power supplies and systems in affected communities	Superintending Engineer, PDD	Executive Engineer, Assistant Executive Engineer /Jr. Engineers (concerned)	Operations
10.	Public Health and	Provide personnel and resources to address pressing	Chief Medical Officer	Community Health Officer, Block Medical	Operations

	Sanitation	public health problems and re-establish normal health care systems		Officers, Executive Officers of Municipal Committees	
11.	Animal Health and Welfare	Provision of health and other care to animals affected by a disaster	Chief Animal Husbandry Officer	Sheep Husbandry Officers, Veterinary Assistant Surgeons (concerned)	Operations
12.	Shelter Management	Provide materials and supplies to ensure temporary shelter for disaster-affected population	Superintending Engineer, R&B	Executive Engineer (R&B) Assistant Executive Engineer /Jr. Engineers (concerned)/ Block Development Officers/ Chief Education Officer	Operations
13.	Logistics	Provide Air, water and Land transport for evacuation and for the storage and delivery of relief supplies in coordination with other Taskforces and competent authorities	Additional Deputy Commissioner	Assistant Regional Transport Officer, MVD Inspectors, SRTC Officials	Logistics
14.	Survey (Damage Assessment)	Collection and analysis of data on the impact of disaster, develop estimates of resources needed and relief plans, and compiling reports on the disaster as required for District and State authorities and other parties as appropriate	Additional District Development Commissioner	a) Infrastructure: Assistant Executive Engineer (R&B) /Jr. Engineers R&B (concerned), Tehsildars b) Crops:- Chief Agriculture Officer, Chief Horticulture Officer, Tehsildars c) Forest:- Divisional Forest Officer, Range Officers d) Human/ Animals:- Chief Medical Officer, Chief Animal Husbandry Officer, District Sheep Husbandry Officer, Veterinary Assistant Surgeons	Planning
15.	Communications	Coordinate and assure operation of all communication systems (e.g; Radio, TV, Telephones, Wireless) required to support early warning or post disaster operations	Additional District Development Commissioner	District Information Officer, District Informatics Officer, Officers of Cellular Companies BSNL, Airtel, Jio, etc	Logistic
16.	Media (Public Information)	Provide liaison with and assistance to print and electronic media on early warning and post-disaster reporting concerning the disaster	District Information Officer	NGOs, Local Media Organizations, Journalists	Public Information

Taskforce Control Rooms

Individual Taskforce control rooms are established at District level and sub division level with the following composition.

Joint control Room under the Supervision of Addl. Deputy Commissioner established in temporary Emergency operation centre located in Mini secretariat Ganderbal comprising of following officers:

- (a) Chief Medical Officer, Ganderbal.
- (b) Addl Superintendent of Police, Ganderbal.
- (c) Chief Education Officer, Ganderbal.
- (d) Executive Engineer Irrigation & Flood control Division, Ganderbal.
- (e) Executive Engineer R&B Division, Ganderbal.
- (f) Executive Engineer PHE (RWS) Division, Ganderbal.
- (g) Executive Engineer PDD (EM&RE) Division, Ganderbal.
- (h) Deputy Superintendent of Police, SDRF, Ganderbal.
- (i) Assistant Director, Fire &Emergency Services, Ganderbal.

A. Joint control Room under the Supervision of Sub Divisional Magistrate Kangan established in the office of Sub Divisional Magistrate Kangan comprising of following officers:

- (j) Block Medical Officer, Kangan.
- (k) SDPO Kangan.
- (l) Zonal Education Officer, Kangan Gund.
- (m) Assistant Executive Engineer Irrigation & Flood control Division, Kangan.
- (n) Assistant Executive Engineer R&B Division, Ganderbal.
- (o) Assistant Executive Engineer PHE (RWS) Division, Ganderbal.
- (p) Assistant Executive Engineer PDD(EM&RE)Division, Ganderbal.
- (q) Representative of Deputy Superintendent of Police, SDRF, Ganderbal.
- (r) Representative of Assistant Director, Fire &Emergency Services, Ganderbal.

Taskforce Action Plans- SoPs

Planning & Coordination:

Coordinate early warning, response and recovery operations.

Taskforce Leader: District Collector

(Action and (Who Should Take It)	Requirements or Conditions to be met for the action to occur.	Timeframe
Before Disaster		
Establish a disaster management structure up to village level (DDMC)	Links to State level and establishment of ICS structure	On-going
Develop disaster plans at all levels down to the village level. (DDMC)		On-going
Hold regular meetings on disaster management including government, NGOs and private sectors. (DDMC)		Quarterly
Continuous training, including public awareness. (DDMA and Media Taskforce)	Involvement of DDMA	On-going
Check warning, communications and other systems (DDMC), including the use of drills		On-going
Warning		
Frame Crisis Management Committee (CMC) - (Collector) Committee (CMC) - (Collector)	Communications between Districts and with State Control Room	On receipt of warning.
Mobilize Taskforces at all levels (District, Tehsil, Block, village depending on disaster) (CMC, Telecommunications, Media Taskforces)	Communication systems and procedures	As decided by CMC.
Disseminate Information (CMC, Media Taskforce)		As decided
Mobilize resources to be positioned near vulnerable	Telecommunication system,	As decided.

PREPAREDNESS MEASURES

DISTRICT DISASTER MANAGEMENT PLAN:-

- ✓ District Disaster Management Plan-2020-21 along with SOPs, Evacuation, Rescue & Relief Plan, Contact Directory and Resource Inventory has been formulated and uploaded on official website of District Draft School Safety & Disaster Management Plan for District has been formulated and is in place

AVAILABILITY OF RESOURCES IN THE DISTRICT

The primary focus is to enable the decision makers to find solutions on availability of equipment and human resources required to combat any emergency situation. A District Disaster Resource Network has to be established to collect, compile and update information on resources available and integrate with the GIS – based state resource network for timely use. The different agencies involved at the time of (i) collection and compilation, (ii) creating GIS based network and access, (iii) maintaining and updating the network needs to be identified.

The stakeholders as identified includes the Fire and Emergency Services Department, Civil Defence (SDRF), Para Military Forces, Traffic Police, Forest Department, Police, Irrigation & Flood Control Department, Power Development Department, Agriculture Department, Horticulture Department, Food Civil Supplies & Consumer Affairs Department, Veterinary Department, Animal Husbandry Department, Health Department, , Education Board, Social Welfare, Red Cross, Sub-Divisional Magistrates, Block Development Officers, NGOs. The availability of resources should be regularly monitored and updated on IDRN Website to combat any emergency situation in the District. Information in the database will enable stakeholders in DRR to assess the level of preparedness for specific hazards.

Resource Planning for Disaster Preparedness:

Strategies	Task	Responsibility
Resource Mapping	<ul style="list-style-type: none"> ✓ Identify available resources viz. human, financial and equipment for disaster preparedness and response with <ul style="list-style-type: none"> - Dist. Level - Tehsil level - Village level - Public sector - Private sector - Community level ✓ Identification of gaps of resources as per the need. ✓ Delineate processes for procurement of lacking resources. 	Dist. Collector; Fire and Emergency Services; Municipal Council/Committees; Civil Defence (SDRF); Para Military Forces; Traffic Police; Forest Department; Police; Irrigation and Flood Control; Power Development Department; Agriculture Department Horticulture Department; Food, Civil Supplies & Consumer Affairs; Veterinary Department; Animal Husbandry Department; Health Department; Education Board; Social welfare; Red Cross; SDM; Block Development Officers; NGOs.

The stakeholders as identified from above table includes the Fire and Emergency Services Department, Civil Defence (SDRF), Para Military Forces, Traffic Police, Forest Department, Police, Irrigation & Flood Control Department, Power Development Department, Agriculture Department, Horticulture Department, Food Civil Supplies & Consumer Affairs Department, Veterinary Department, Animal Husbandry Department, Health Department, Government Medical College, Education Board, Social Welfare, Red Cross, Sub-Divisional Magistrates, Block Development Officers, NGOs. The availability of resources should be regularly monitored and updated on IDRN Website to combat any emergency situation in the District. Information in the database will enable stakeholders in DRR to assess the level of preparedness for specific hazards.

A detailed resource inventory of the District has been formulated and is available in Disaster Management Plan of District Ganderbal and the same will be updated annually

EMERGENCY CONTACT NUMBERS

Sr. No.	Name of Officer	Designation	Contact No.s
1	Deputy Commissioner	Mrs. Kritikka Jyotsna (IAS) e-mail: dc-ganderbal@gov.in dmganderbal@gmail.com	0194- 2416142-O 0194-2416141- F
2	Addl. District. Development. Commissioner	e-mail: addegb111@gmail.com (vacant)	2416229
3	Addl. Deputy Commissioner ADC	Mr. Farooq Ahmad Baba (KAS)	9419463208 2416388 2416447-R
4	Assistant Commissioner (Revenue)	Mr. Abdul Baseer (KAS)	01942416433 9419999223 9419505025
5	Deputy DEO I/ c DIC Ganderbal	Mr. Zahid Rashid Khan	9419006543 0194-2416199
6	Sub Divisional Magistrate, Kangan	Mr. Tanveer Ahmad	9419769292- 0194- 2418283
7	Chief Planning Officer	Mr.Irfan Ahmad Giri	2416423 9419505025
8	Tehsildar Hqr DC Office	Post vacant	-
9	Tehsildar Kangan.	Abdul Majeed Rather	7006744406
10	Tehsildar Ganderbal	Mushtaq Ahmad Bijard	9419484494 2416218
11	Tehsildar Lar	Mr. Majid Chowdery	9797311729 2109639
12	Tehsildar Tullamulla	Mr. Farooq Ahmad	9419272255 7006793396
13	Tehsildar Wakura	Post vacant	-
14	Tehsildar Gund	Mr. Fareedud din Khatana	9419666884 7889492929
15	Naib-Tehsildar, Lar	Vacant	-
16	Naib-Tehsildar, Manigam	Mr Abdul Hamid Sheikh	9419079943
17	Naib-Tehsildar Wakura	Mr Gh Qadir Magray	7889967535
18	Naib-Tehsildar Plang	Mr. Gh Nabi Ganie	9797738521
19	Naib Tehsildar Ganderbal	Mohammad Ismail	7006058337
20	Naib Tehsildar Safapora	Mr. Mohammad Yousuf Lone	9596000961 6005413427
21	Naib Tehsildar Sheerpathri	Mr. Gh Mohammad Dar	8082490516 9541022731
22	Naib Tehsildar Kangan	Mr Mohammad Isaq	9622798048

23	Naib Tehsildar Gund	Mr. Mohammad Maqbool Rather	9419425130 7051483524
24	ARA- Naib Tehsildar	-(vacant)-	
25	ENT Naib Tehsildar Election		
26	District Information Officer, Ganderbal	Mr Fazli Sahab	9419968262 2416373
27	District Informatics Officer, Ganderbal	Mr. Syed Zulfikar	9419780816

<i>Sr. No.</i>	<i>Department</i>	<i>Name of the Officer</i>	<i>Contact Address</i>
1.	AD FCS&CAD, Ganderbal	Naseer Ahmad Baba	0194-2416131 9906606336
2.	AD Employment & Counseling, Ganderbal	Sheikh Murtaza	9697910955 0194-2416473
3.	AD Fire & Emergency Service, Ganderbal Divisional Fire Officer /	Abdul Khaliq	7780822473 0194-2416060 0194-2416620(F)
4.	AD Fisheries, Ganderbal	Mr. Ghulam Jeelani	9419075080 0194-2416176
5.	AD Handicrafts , Ganderbal	Ms. Tsering Dolma	7006604742 0194-2416452
6.	ARTO, Ganderbal	Mr. Arif Ahmad	9419066215
7.	Assistant Commissioner Development, ACD Gbl/ Srinagar	Mr. Bilal Mukhtar	7889488962 0194-2416088
8.	Assistant Drug Controller	Ms. Nageena Akhtar	9419901291 9419079280
9.	Designated Officer Food Safety, Gbl	Mrs. Shagoofa Jalal Mr. Shabir Ahmad Lone	7006247410 9596089227
10.	Assistant Labour Commissioner, Gbl	Sheikh Murtaza	9697739000 0194-2416004
11.	Assistant Controller legal and Metrology	Mr. Sheikh Tariq	9419717621
12.	Meteorology/Weights & Measures	Mr. Nissar Ahmad (verify)	9596537757 0194-2310753
13.	BDO, Ganderbal	Mr. Shoaib Noor	9797743347 0194-2416469
14.	BSNL SDO, Mobiles	Mr. Irfan Ahmad Mr.Rahayani Shah	9419020008 01942416298 01942416121
15.	BDO, Kangan	Mohammad Akber Wani	9622224747 0194-2418373
16.	BDO Gund	Mr. Mohd Akbar Wani	9419015776

17.	BDO, Lar	Tawfeeq Gazi	9622224747 0194-2419364
18.	BDO, Wakoora	Syed Nasrullah	9906522014 0194-2416469
19.	BDO Sheerpathri	Mr. Shoaib Noor	9797743347 0194-2416469
20.	BDO Safapora	Syed Nasrullah	9906522014 7006971206
21.	Chief Accounts Officer Fund Office Ganderbal	Mr. Imtiyaz Ahmad	9419008692 0194-2416288
22.	Chief Agriculture Officer, Ganderbal	Mr. Sartaj Ahmad Shah	7889566938
23.	Chief Animal Husbandry Officer, Ganderbal	Dr.Shabir Ahmad	9419028053 0194-2416127
24.	Chief Education Officer, Ganderbal	Mr. Nazir Ahmad Wani	7006304051 0194-2416909 0194-2416135(F)
25.	Chief Executive Officer, Wullar-Manasbal Development Authority	I/c Mushtaq Ahmad Rather	9469425867
26.	Chief Executive Officer, Sonamarg Development Authority	Mr.Mushtaq Ahmad Rather (KAS)	9469425867 0194-2416100
27.	Chief Horticulture Officer, Ganderbal	Abdul Hamid	6005403530 0194-2416679 0194-2416875(F)
28.	Chief Medical Officer, Ganderbal	Dr. Mehraj U Din	7006039009 9906622135 0194-2416244
29.	Chinar Dev/ Floriculture Officer, Ganderbal	Mr. Tariq ul Habib Mr.Inam Sahab	7006080364 7006080364 0194-2416066 0194-22502196
30.	District Nodal Officer JKEDI	Mr. Mohammad Rafiq Mir DNO	6995123263
31.	Deputy Registrar Cooperative, Ganderbal	Mr. Ajaz Ahmad Andrabi	6005123263 0194-2416159
32.	DFO, Sindh Forest Division, Ganderbal	Mr. Owais Ahmad	9622606867 0194-2416462
33.	DFO, Social Forestry, Ganderbal/Sgr	Dr.D.P. Singh	0194-2502190
34.	DFO Soil Conservation, Srinagar/ Ganderbal.	Mr. Shabir Ahmad	9797283588 0194-2488490
35.	Divisional Manager SFC (Forest) Ganderbal	Ab Fayaz Ahmad	7889661772 0194-2416528
36.	District Mineral Officer, Geology & Mining, Ganderbal	Zulfkar Ahmad	7006703713 9622435775

37.	District Officer Pollution Control, Gbl	Mr. Mohammad Ashraf Khanday Mr. Abid Ahmad (verify)	9797039639 7780891710
38.	District Officer Statistics & Evaluation, Ganderbal	Mushtaq Ahmad	0194-2416144 95418842251
39.	District Officer, KVIB, Ganderbal	Mushtaq Ahmad Shekh	9906563419
40.	District Officer, Sheep Husbandry, Ganderbal	Dr.Javaid Ahmad	7006561452 0194-2416040
41.	District Social Welfare Officer, Ganderbal.	Mr Akeel Ahmad	9906693566 0194-2416364
42.	District Panchayat Officer, Ganderbal	Under charge of ACD Ganderbal	9419095665 7006971206 0194-2416585
43.	District Soil Conservation Officer, Ganderbal	Shabir Ahmad	0194-2488490 9797283588
44.	District Officer, Youth Services & Sports, Ganderbal	Mr. Shafqat Iqbal	7780912875 0194-2416096
45.	District Officer, Horticulture, Planning & Marketing , Ganderbal	Ms.Aijaz Parveen	7006884275
46.	District Officer Science & Technology Deptt Sgr/Gbl (JKEDA)	Mtr. Rabia Noor	9796301630 0194-2450974 0194-2311198
47.	District Treasury Officer, Ganderbal	Mr Showkat Ali KAS	9419004830 7006674118 0194-2416376
48.	District Sericulture Officer , Ganderbal	Mr Feroz Matoo	9906494658 0194-2311171
49.	Dy. Director Forest Protection Force, Ganderbal	Mr. John Mohammad	9906909240 0194-2416524
50.	Deputy General Manager JKPCC	Mr. Imtiyaz Khaliq Bhat	9149400048 0194-2435780
51.	Executive Officer, Municipal Committee, Gbl.	Mr. Naveed Khan	7006685983 0194-2416090
52.	General Manager DIC Gbl	Mr.Zahid	0194-2416320
53.	ISM, Nodal Officer, Ganderbal	Dr. Mushtaq Ahmad	9419029761
54.	JKBOSE, Sub-Office Ganderbal	Assistant Secretary Darminder Singh	9419051546 /9906836803 0194-2416149
55.	Manager Lead Bank Beehama	Mr.Nissar Ahmad	9419037950 0194-2452658
56.	CSC Coordinator	MOHSINA WANI	9419000102
57.	Nodal Officer, College of Engineering & Technology Safapora (under construction)	GCEET Safapora (verify)	9419581530

58.	Officer Commanding Beacon – 32 Haripora OC 122 RCC (GREF) c/o 56 APO	Mr. Krishna Kumar	9797184491 0194-2419569 0194-2300984
59.	Principal DIET Ganderbal		0194-2416152
60.	Principal, Degree College, Ganderbal	Mr. Bashir Ahmad Parray	9419089615 788986673 0194-2416854
61.	Principal, Degree College, Kangan	Mr. Mudasir Afshan	7006589951/9419025861 0194-2418210 9419025861
62.	Principal, JNV Hatbara	Mr. Mohammad Ashraf Wani	7006809367 0194-2102039
63.	Principal, Physical Education College, Gbl	Dr. Hartaij Singh	9419485200 0194-416263/409
64.	Principal, Sainik School Manasbal	Mr. Nazir Ahmad Dar	9419034646 0194-2102075 7006524141
65.	Principal District & Sessions Judge Ganderbal	Mr. Shazia Tabasum	0194-2416343 0194-416247 (Fax)
66.	Principal Polytechnic College Hatbura Ganderbal	Ms. Shafqat Yousuf	9419538529 7006740012 2416450
67.	Programme Officer, ICDS	Ms Bilkees Jan	7006771716 0194-2416027
68.	Post Office, Gbl Post Master	Zahoor Ahmad	2416220 9797154321
69.	Zonal Head J&K Bank, Rangreth Srinagar /Ganderbal	-	0194-2497734 0194-247735 0194-24927734
70.	Project Officer Watershed Management, Ganderbal IWMP	Bilal Mukhtar	7889488962
71.	SE Electric M&RE, (PDD) Ganderbal	Er. Hilal Ahmad	9419033244 2416154 2416359
72.	SE R&B (PWD), Ganderbal	Er. Tanveer Mir	9469673304 0194-2416125
73.	Superintendent, ITI Ganderbal	Mr. Ghulam Nabi	78889899353 0194-2416231
74.	Superintendent ITI, Kangan	Mr. Mousin Ali	9906510187 0194-2418414
75.	Medical Superintendent SDH Ganderbal	Dr Yasmeena Kango	9419017203 0194-2416158/168
76.	Xen Irrigation & FC, Ganderbal	Mohammad Aslam Zargar I/c Exn. I&FC Ganderbal	0194-2416246
77.	Xen Irrigation & FC Sumbal	Mr. Suhaff	01954230584

78.	Xen Housing Board	Mr. Sajad Ahmad	9419005215 0194-2476895
79.	Xen PDC, Ganderbal (USHP-II) Kangan	Dilshad	0194-2418253
80.	Xen PDC, Ganderbal (USHP-II) Kangan	-	-
81.	Xen PDC Division Ist (NGHEP)	Hakeem Firdous	7006379079
82.	Xen PDC Civil Division II (NGHEP)	Shabir Ahmad Bhat	7889591530
83.	Xen EM&RE (PDD), Ganderbal	Mr. Mehraj-ud-din Ganaie	7006315479 0194-2416236
84.	Xen Generation, Ganderbal	Mr. MohdYousuf JE Sandeep (Ganderbal Divn. Cannal) Ganderbal	9419032314 9906553428
85.	Xen Mechanical Engineering Sgr/ Gbl (Pumps)	Rajesh Sharma	9419149538 0194-2497056/93
86.	Xen Power House Ganderbal	-	-
87.	Xen UEED/ Town Drainage Ganderbal	Looked upon by R&B Div Gbl.	0194-2490764
88.	Xen Ground Water, Gbl	Mr.Deen Mohammad	094-241285
89.	Xen PHE, Ganderbal	Er. Mohammad Aslam Zargar	9419007236 0194-2416292 0194-2416262
90.	Xen PMGSY, Ganderbal	Er Mushtaq Ahmad	9419057213 0194-2262007
91.	Xen R&B, Ganderbal	Er. Zaffar Quareshi	9419001907 0194-2416058
92.	Xen Rural Engineering Wing, REW Ganderbal (MGNREGA)	Mr.Showkat Reshi	-
93.	Xen Sub Transmission Division (STD), Ganderbal	Afaq Saheb	0194-2416178-F 9797435566
94.	L.G. Office	-	0194-2540421 0194-25012622
95.	Chief Electoral Officer Srinagar	-	2473609 2477166 2452654 (Fax)
96.	Chief Area Manager Kashmir valley Northern Railway Administrative Office Budgam- 191111	Casmsina @ gmail.com (verify)	
97.	ETO Ganderbal	Shama Duha	7006406261
98.	Field Research Station Dagpora (State Forest Foresr Institute (SFEL)	Dr. Tariq	9419014728

99.	S E Hydraulic Srinagar /Ganderbal	Naseer Ahmad Kakroo	9419010630
100.	Range Officer Ganderbal	Vacant	
101.	DFO Ecology Environment & Remote Sensing	.D.P.Singh	9419323605 0194-249585 0194-2490823
102.	Hope Disability Centre Wayil Ganderbal	-	0194-2419536
103.	Hospitality and Protocol	0194-2458305 0194-25000623	01912501409 01912501410

Contact Numbers of police Officers of District Ganderbal.

<i>Sr. No.</i>	<i>Name/Rank of the Officer</i>	<i>Cell No</i>	<i>Office No.</i>
1.	Suhail Munawar Mir SSP. Ganderbal	9419049929	0194-2416443 0194-2416808
2.	Sh. Feroz Yehya Addl. SP Ganderbal	9419005560	0194-2416304
3.	Sh. Dawood Ahmad CPO DPO Ganderbal	9419174702	
4.	Mr. Yasir Qadiri SDPO Kangan		9419013484 0194-2418220
5.	Sh. Manoj Kumar JKPS	8803769221 9419907444	0194-2416687
6.	SH. Abdul Majid, (Hqrs) JKPS	8803445247 7006132114 9419063660	01942416302
7.	Sh. Yasir Qadiri SDPO Kangan	9419013484	01942418220
8.	Sh. Faheem Ali Dy.S.P. Traffic	9419059765 7889794045	
9.	Sh. Javiad Iqbal	9419041383	0194-2416300
10.	Sh. Mohd Shafi JKPS, DySp (OPS) Ganderbal	9419029526	01942416687
11.	Shri Omar Rashid Jkps DYSP (DAR) Ganderbal.	9086005564 9796012012	01942416018
12.	Khursheed Ahmad SHO Ganderbal	9419066001	094-2416225, 0194-2419592
13.	Sh. Aftab Ahmad (INSPR) SHO PS Kangan	9419000538	0194-2418242
14.	Sh. Salfi Arshad (INSPR) SHO PS Safapora	9906034729 9419075095	
15.	SH. Ghulam Hassan (SI) SHO P/S Lar	9419835183 7006767986	
16.	Younis Bashir SHO P/S Sonamarg	9419001413	01942416811
17.	Sh. Lateef (Inspr) Ali	9906946095	
18.	SH. Sajad Hussain (INSPR) SHO PS L	97972878964 9469741133	
19.	SH. Syed Sajad (INSPR) SHO PS Gund	7006987290 0194-2416811	
20.	SH. Tariq Yousuf SHO Ps Kheerbawani	9419042458 700110247 0194-2416811	
21.	Sh. Salfi Arshad (INSPR) SHO PS Lar	9906034729 9419075095	
22.	Sh. Mohd Akbar (SI) ic pp Gutlibagh	9797382376	
23.			
24.	Sh. Mohammad Akbar IC PP Nagbal	9906149100 8803044330	
25.	Sh. Nissar Ahmad (HC) MIC PP Gagengeer	8825017825	
26.	PCR Ganderbal	9906668731	01942416564 01942416478

Identification of Vulnerable Spots & Locations in District

1. Left side of Nallah Sindh at Graveyard at Ramwari.
2. Upper side and Down side of Bridge at Hariganwan.
3. Left side of Nallah Sindh and Upper side of Steel Foot Bridge at Mammarr.
4. Right Side of Nallah Sindh at Mammarr opposite Jamia Masjid
5. Right side and upper side Timber Bridge at Hayan Kangan.
6. Lungi Mohallah Nunner Ganderbal.
7. Upper side of Checki Preng Girls School.
8. Left side of Nallah Sindh at Bella Wussan.
9. Left side of Nallah Sindh at Bella Haripora.
10. Right side wall on right side of Nallah Sindh at Qamaria Park Ganderbal.
11. Right side of Nallah Sindh at Athkhura.
12. Right side of Nallah Sindh at Bamloora Ganderbal.
13. Right side of Nallah Sindh & upper side of Duderhama Bridge opposite Mini Secretariat Ganderbal.
14. Right side of Nallah Sindh & downside of Duderhama Bridge upto Bamloora.
15. Right side of Nallah Sindh & downside of Atkhura Bridge.
16. Right side of Nallah Sindh and downside of Wayil Bridge to Wahidpora.
17. Nilgrat Nallah
18. Sonamarg Nallah
19. Gagengeer Nallah
20. Rezan Nallah
21. Kullan Nallah on the both sides of Sindh
22. Ravil Nallah.

FLOOD FIGHTING MANAGEMENT BODY.

OBJECTIVES:-

The main objective of the flood fighting management body is to ensure preventive /protection measures during a flood like situation and later relief and rescue operations during the floods, so that life and property of the public is safe guarded to the maximum possible extent. The management body shall bring about a close co-ordination between the Engineering and Administrative Wings of flood fighting machinery, so that effective joint efforts minimize the hardships of the public during floods. The composition of flood fighting management body is as under:-

A) DISTRICT DISASTER MANAGEMENT AUTHORITY :-

District Disaster Management Authority at D.C Office Ganderbal, shall have District Development Commissioner as Convener. The District Disaster Management Authority thus constituted shall have its control room at Police Control Room Ganderbal and shall function 24x7 in any flood like situation to ensure speedy prevention/protection and relief measures thereof.

Administrative Wing:-

Administrative Wing of District Coordination Committee will control the relief and rescue work in whole district of Ganderbal and shall monitor progress of all the 4 beats created.

b) Flood Control Room at Divisional Office Ganderbal:-

A regular Flood control room stands established at Irrigation and Flood control Division Ganderbal headed by Technical officer / Assistant Executive Engineer FC Sub-Division Ganderbal and assisted by whole of the administrative and technical staff .The Control room shall be functional 24X7 in shifts and can be contacted on Phone No 0194-2416246.

c) Sector Officers :-

The sector officers (of the rank of Executive Engineers) shall monitor the working of various beats falling under their respective sectors by patrolling the jurisdiction comprising of various beats. Sector officers should maintain a close liaison with the beat officers by patrolling the areas / beats falling within the sector. The beat officers shall maintain a complete record of the materials lifted / consumed in various beats and shall ensure the return of unused articles / stores after flood duty is called off and shall submit a detailed report/ accounts of consumed items with utmost economy to Member Secretary. The entire jurisdiction of District Ganderbal has been divided into 1 sector only (Four beats, beat No.01, beat No.02, beat No.03, & beat No.04). The details of beats with H/Q have been listed **in the subsequent pages**. The sector officers should verify the accounts furnished by beat officers with their remarks and recommendations. A mechanism needs to be evolved linking the sector officers with the beat officers and administrative wing at first measure, so that communication gap does not hamper the smooth activities to be carried out, as regards relief and rescue operation besides field situation to be communicated to higher authorities.

D) BEAT OFFICERS :-

The beat officers shall ensure the gearing up of the staff for keeping a complete vigil of the jurisdiction falling within a particular beat especially the vulnerable/flood prone spots so that rescue and relief operations are carried out smoothly and efficiently. The duty chart of beat officers is annexed.

B- SOUNDING OF ALARM :-

As and when the Automatic Water level recorder (AWLR) reads & disseminates the reading of 3.50 m mark (yellow Color) in the Sindh Nallah at Duderhama near Qammeria Park, a flood alert shall be sounded in the District and every staff member deployed on the flood duty shall remain in the state of alertness without waiting for any further call ,persuasion or reminder. The Flood declaration shall be announced in the district Ganderbal once the AWLR reads & disseminates the reading of 3.65 m mark (Orange Color) at Duderhama and Flood Control room at Divisional office Ganderbal shall start functioning immediately and all the sector/beat officers shall report to their respective Headquarters for flood duty as per the duty chart annexed. As and when the AWLR reads & disseminates the reading of 3.80 m mark (Red Color) at Duderhama , Situation of “Danger” shall be announced immediate and the all possible measures are to be taken for evacuation of the affected areas /populations by the District administration /District Disaster management cell as per the SoP’s. The levels for declaration of the flood Alert, Declaration of Floods& the Danger Mark has been adopted as finalized /fixed by the Chief Engineer, I &FC , Jal Shakti Department Srinagar , Kashmir recently in April-2021.

C- GAUGE RECORDINGS:-

As an Automatic Water Level recorder (AWLR) is already installed downstream Duderhama Bridge and as such the water levels on Nallah Sindh are being monitored / transmitted automatically on the Planning and Designing WhatsApp Group and also remains available on the [Kashmir Flood alert APP , available on Play Store](#) which should be downloaded by every officer /official who is on flood duty on their Android Phones to have an close eye on the hourly gauge recordings and shall be simultaneously maintained by all the beat Officers, I/C Control Room on Hourly basis manually on register at Qammeria Park and Narayan Bagh Ganderbal Gauge sites and shall be communicated to the higher authorities accordingly. Besides the overall gauges and flood monitoring situation also remains available on the www.ifckashmir.com &www.fb.com/ifc.kashmir. The instant rain intensity of various areas, Doppler images of the Kashmir Valley can be checked also from the Doppler radar on link of IMD Srinagar, which is readily available /shown on the IFC Kashmir Flood App as well.

D) Duties to be performed:-

a) District Flood Committee Ganderbal.

The District Flood committee through Member Secretary Flood Zonal Committee shall ensure that the flood fighting machinery has swung into action and that beat officers have reported for duties with establishment of H/Q's as per duty chart, contacts/ linkages of sector officers with District co-ordination committee and beat officers should be the prime objective so that the gap between the administration and field staff is bridged. The jurisdiction for the Distt. Flood committee shall be having 1 sector and 4 beats. District Flood Committee shall monitor the latest developments and necessary measures to be taken with speedy transmission of instructions to zonal committee and simultaneously keeping apprised the higher authorities of the activities / situation on regular basis.

b) District Flood Zonal Committee Ganderbal:-

Flood Committee Ganderbal, shall have jurisdiction comprising of both banks of Nallah Sindh from Sonamarg to Narayanbagh (confluence to river Jhelum and its adjoining tributaries) and shall work in shifts, day shift from 8 AM to 8 PM and night shift from 8 PM to 8 AM. The Committee shall monitor the working of various beat officers deputed. The whole area defined above has been divided into 4 beats. The location of beats is as follows.

Beat No 1: -

Shall constitute the Right side embankment of Sindh Nallah Downstream Sonamarg up to Wayil Bridge along with its tributaries with headquarters at Irrigation Sub-Division Kangan.

Beat No 2: -

Shall constitute the Left side embankment of Sindh Nallah Downstream Sonamarg up to Wayil Bridge along with its tributaries with headquarters at Govt Middle School Dardwudree.

Beat No 3 : -

Shall constitute the Right Side embankment of Sindh Nallah Downstream Wayil Bridge up to Narayan Bagh confluence point of Jhelum including all tributaries with headquarters at Irrigation Sub Division Ganderbal located at Khanepeth.

Beat No 4: -

Shall constitute the Left Side embankment of Sindh Nallah Downstream Wayil Bridge upto confluence point of river Jhelum including Gadura Nallah and Dagpora nallah upto Anchar Lake with Headquarters at Government Middle School Dudarhama Ganderbal.

c) Sector Officers

After establishing the H/Q's (as per chart) with staff permanently deputed at the H/Q's to ensure that all beat officers have reported along with the staff, the sector officers have a pivotal role in establishing the contact system, ensuring that store materials / articles are arranged and delivered and in getting feedback from respective beats and communicating of the ongoing activities to District Co-ordination committee. The sector officers have a supervisory role in carrying out the relief and rescue operations smoothly and efficiently within the jurisdiction of a sector. The arrangement of men and machinery in carrying out the necessary relief and rescue operations has to be monitored by sector officers in consultation with District Co-ordination Committee. The camp clerk and two orderlies of the concerned Executive Engineer will be on duty with the officer in charge of sector and shall assist them in keeping records of the relief and rescue operations carried out in their respective sectors. Sector officers have to report for flood duty along with vehicle.

d) Beat Officers

The beat officers of all the 4 beats have to report to duty along with their entire staff, Technical & Administrative and establish a unit at H/Q's. The beat officers shall issue a roster shift wise as soon as they assume the charge of the beats, so that the vigil is monitored in entire jurisdiction within the beat and no area in the jurisdiction remains unattended. The beat officers shall ensure the carrying out of Flood Protection Measures with the active participation of the public of the area or otherwise in consultation with sector officers as deemed proper as per the flood situation prevailing in their respective areas.

However up to date information should be fed to sector officers for onward transmission to higher authorities. Under the emergent condition beat officers shall make every arrangement for carrying out the protection, rescue operations and other measures in consultation with sector officers. The beat officers shall ensure the lifting of flood stores and other articles well in time so that no difficulty is faced under emergent conditions. The beat officers shall gear up the field staff for speedy operations of every sort and upto date requirement and feedback information on hourly basis communicated to sector officers for onward transmission. The beat officers shall submit the detailed accounts to sector officers and obtain utilization certificate of the consumed material and the material returned to stores after flood duty is called off.

Once the **Flood declaration is sounded** the beat officers along with staff shall report in the respective beats and shall ensure:-

- 1) Closing of gates and sluices on Nallah and rivers through the already deputed staff for such installations by the concerned departments.
- 2) Collection of flood stores and T& P from the Divisional Stores Gulab Bagh in consultation with sector officers against proper indent who shall make adequate arrangements as regards transportation of materials.
- 3) Regular patrolling of River/Nallah embankments and tributaries within the assigned jurisdiction.
- 4) Clearance of choked drains/culverts through concerned departments at a short notice. Strengthening of weak spots detected anywhere.
- 5) Closure of breaches immediately.
- 6) Preparation of contingency plans/suggestions in advance and forwarded to District Co-ordination Committee through concerned sector officer so that timely action is taken after ensuring adequate arrangements in this regard.
- 7) Keeping the locals aware of the trends of water levels and creation of awareness in light of the updated weather forecast /upper catchment rainfall trends so that public is ready to fight any eventuality.
- 8) Discouraging of rumors which generally create panic amongst the masses (local public address system can be availed in this regard).
- 9) Hourly recording of the gauge and discharge and supplying the same to concerned quarters.
- 10) Assessment of damages of public utility services roughly and transmitting the same to concerned.
- 11) A complete liaison and understanding between the various wings of flood fighting machinery for ensuring relief and rescue measures in an efficient way.
- 12) Recording of H.F.L. on permanent objects in the jurisdiction assigned.
- 14) The officers/ officials detailed for flood duty will not leave until they hand over their charge to their successors as per duty roster. In case their reliever comes late they should lodge a complaint with Member Secretary District Flood Zonal Committee Ganderbal or call also be also lodged to member Secretary Central Flood Committee i.e. Chief Engineer Kmr. I & FC Deptt,
- 15) After the flood duty is called off officials shall return the unused stores/ articles to the Divisional Stores Gulab Bagh and get a certificate of the utilization / returned material from sector officers.
- 16) Any sort of special requirement for efficient combating of flood disaster shall be brought to the notice of District Flood committee through concerned sector officers so that arrangements are made well in time.

F- IMPORTANT NOTES.

- 1) In case of transfer of any officer, the incoming officer should automatically treat himself to have been relieved for flood duty.
- 2) The Assistant Executive Engineer detailed for duties in the beats should have their entire field staff, SDC and orderly along with them in the beat jurisdiction .
- 3) The Assistant Executive Engineer, Flood Control Sub- Division, Ganderbal and the technical officer I&FC Division Ganderbal Along with their entire staff both administrative and Technical shall operate the flood control room in the office of Executive Engineer I&FC Ganderbal as soon as the flood alarm is sounded.
- 9) S.S.P Traffic, Ganderbal, shall issue necessary instructions to concerned for allowing trucks, tippers etc deployed for flood duty to ply uninterruptedly round the clock.
- 10) All the concerned officers shall report for duties along with the vehicles. In case of crack down or other problems they shall make alternative arrangements at their own level.
- 11) Executive Engineer Irrigation &Flood Control Division. Ganderbal will post the Ministerial Staff viz Clerks, Draftsman's with Typewriters, / Computer Operators /Accounts Section Orderlies in Shifts at Irrigation & Flood Control Room Ganderbal immediately once alarm is sounded.
- 12) The dates for conducting of flood rehearsal shall be communicated separately by the Flood Zonal Committee Ganderbal.

FLOOD ZONAL COMMITTEE GANDERBAL
(HEADQUARTER: POLICE CONTROL ROOM GANDERBAL)

S.No.	Name of officer with designation	Assignment	Contact No's
	Engineering Wing		
1.	Executive Engineer Jal Shakti (Irrigation & Flood control) Division Ganderbal	Member Secretary	0194-2416246 9419007236
2	Executive Engineer PMGSY Division Ganderbal	Member	0194-2262007 9419057213
3	Assistant Executive Engineer Jal Shakti Sub Division Ganderbal	Member	9419014883 0194-2416246
4	Assistant Executive, Jal Shakti (I&FC) Sub Division Ganderbal	Member	9622506848 0194-2416246
5	Technical officers with Executive Engineer, Jal Shakti (I&FC) Division Ganderbal.	Member	0194-2426246 9419443985
ADMINISTRATIVE WING (RELIEF & RESCUE)			
1	Assistant Commissioner Development Ganderbal	Member	9419302183 0194-2416388
2	Executive Officer Municipality Ganderbal	Member	0194-2416041 7006685983 9419024870
3	Tehsildar Ganderbal	Member	0194-2416218 9419484494 9797780270
4	Station House Officer (SHO) Ganderbal	Member	9622931616 0194-2416225
5	Fire Station Ganderbal	Member	0194-2416390 0194-2416060 7006824643 9419032760

**DUTY ROSTER OF SECTOR OFFICERS DISTRICT FLOOD COMMITTEE
GANDERBAL.NALLAH SINDH FROM SONAMARG UPTO NARIAN BAGH
CONFLUENCE WITH RIVER JHELUM 87 KMS LENGTH(BOTH SIDES).**

Sector No	Name of Sector	Head quarter	Jurisdiction of Sector	Day Shift 8.A.M to 8.P.M	Night Shift 8.P.M to 8.A.M
01	Ganderbal Sector Beat No.1 2,3 & 4	Irrigation & Flood Control Division Ganderbal (Jal Shakti)	Bunds around Sheerpathri from Duderhama Tulmulla, Athkura and Other Flood Embankments in the area. Sindh Nalla and Embankments in Kangan and adjacent area incl. Kangan Town	Executive Engineer Irrigation & Flood Control Division Ganderbal.Jal Shakit) Contact No. (9419007236)	Executive Engineer PMSGY Division Ganderbal. Contact No. (9419057213)

**DUTY ROSTER OF BEAT OFFICERS FLOOD ZONAL COMMITTEE
GANDERBAL**

Note:-

- 1) The ministerial staff of the Divisional Office shall be available on duty round the clock for entire flood period in control room of irrigation and Flood Control Division Ganderbal as per duty roaster.

FLOOD CONTROL ROOM GANDERBAL
DUTY ROASTER 24 X 7
HEADQUARTER DIVISIONAL OFFICE-GANDERBAL
0194-2416246

A regular flood control room has already been setup within the divisional office complex Ganderbal which remains functional 24 x 7 as and when flood is declared comprising of following officers/ officials

S No.	Name of Official	Telephone No.
01	Technical Officer I&FC Division Ganderbal and AEE Flood Control Sub Division Gbl along with their respective entire staff	9419443985
02	Mr. Shahnaz Ahmad Baba I/C Camp Section along with entire staff of Divisional Office	9469003777

DUTY ROSTER OF BEAT OFFICERS DISTRICT FLOOD COMMITTEE GANDERBAL

Beat No.(1)

Head Quarter Irrigation Sub-Division Kangan
R/side of Sindh Nallah Downstream Sonamarg to wayil bridge along its tributaries
Day Shift 8.00-AM to 8.00 PM

S No	Jurisdiction of Beat	Name of Officer / official	Telephone/ Mobile No.	Day Shift
1	R/side of Sindh Nallah Downstream Sonamarg to wayil bridge along its tributaries Er. Imtiyaz Ali Sofi	AEE Irrigation Sub-Division Kangan along with his entire staff	9906515154	Yes

Beat No. (2)

Head Quarter Govt Middle School Dardwudree
L/side of Sindh Nallah Downstream Sonamarg to Wayil bridge along its tributaries
Day Shift 8.00-AM to 8.00 PM

S No	Jurisdiction of Beat	Name of Officer / official	Telephone No.	Day Shift
1	L/side of Sindh Nallah Downstream Sonamarg to Wayil bridge along its tributaries Er-Sheikh Javaid	AEE R&B Sub-Division Kangan along with his entire staff	9906536000	Yes

Beat No.(1)

Head Quarter Irrigation Sub-Division Kangan
R/side of Sindh Nallah Downstream Sonamarg to Wayil bridge along its tributaries
Night Shift 8.00-PM to 8.00 AM

S No	Jurisdiction of Beat	Name of Officer / official	Telephone / mobile No.	Day Shift
1	R/side of Sindh Nallah Downstream Sonamarg to Wayil bridge along its tributaries Er. Firdous Ahmad	AEE PMGSY Sub-Division Kangan along with his entire staff	7006933594	Yes

Beat No. (2)

Head Quarter Govt Middle School Dardwudree
L/side of Sindh Nallah Downstream Sonamarg to Wayil bridge along its tributaries
Night Shift 8.00-PM to 8.00 AM

S No	Jurisdiction of Beat	Name of Officer / official	Telephone No.	Day Shift
1	Left /side of Sindh Nallah Downstream Sonamarg to wayil \ bridge along its tributaries (Mr. Taufeeq Ghazi)	BDO Kangan along with his entire staff	9622224747	Yes

Beat No.(3)

Irrigation Sub Division, Khanepaith, Ganderbal

R/Side of sindh nallah Downstream Wayil Bridge to Narayan Bagh on upto confluence point of Jhelum including all tributaries

Day Shift 8.00AM to 8.00 PM

S No	Jurisdiction of Beat	Name of Officer / official	Telephone No.	Day Shift
1	R/Side of Sindh Nallah Downstream Wayil Bridge to Narayan Bagh upto confluence point of Jhelum including all tributaries (Er. Tariq Hussain Sofi)	AEE Irrigation Sub-Division Gbl with his entire staff	9419014883	Yes

Beat No.(4)

Head Quarter Govt Boys Middle School Dudarhama, Ganderbal

L/Side of Sindh Nallah Downstream Wayil Bridge up to confluence point of river Jhelum including Gadura Nallah and Dagpora nallah upto Anchar Lake

Day Shift 8.00AM to 8.00 PM

S No	Jurisdiction of Beat	Name of Officer / official	Telephone No.	Day Shift
1	<u>L</u> /Side of Sindh Nallah Downstream wayil Bridge up to confluence point of river Jhelum including Gadura Nallah and Dagpora nallah upto Anchar Lake (Er. Ishfaq Ahmad)	AEE R & B Sub-Ganderbal along with his entire staff	9622525950	Yes

Beat No.(3)

Irrigation Sub Division, Khanepaith, Ganderbal

R/Side of Sindh Nallah Downstream Wayil Bridge to Narayan Bagh on upto confluence point of Jehlum including all tributaries

Night Shift 8.00-PM to 8.00 AM

S No	Jurisdiction of Beat	Name of Officer / official	Telephone No.	Night Shift
1	R/Side of sindh nallah Downstream Wayil Bridge to Narayan Bagh on upto confluence point of Jehlum including all tributaries (Er. Javaid Shawl)	AEE Irrigation Sub-Division Ganderbal along with his entire staff.	9906445808	Yes

Beat No. (4)

Head Quarter Govt Boys Middle School Dudarhama, Ganderbal

L/Side of Sindh Nallah Downstream wayil Bridge upto confluence point of river Jehlum including Gadura Nallah and Dagpora nallah upto Anchar Lake

Night Shift 8.00-PM to 8.00 AM

S No	Jurisdiction of Beat	Name of Officer / official	Telephone No.	Night Shift
1	L Side of Sindh Nallah Downstream wayil Bridge up to confluence point of river Jehlum including Gadura Nallah and Dagpora nallah upto Anchar Lake (Er. Abdul Hameed Baba)	AEE P PMGSY Ganderbal along with his entire staff.	7780854514	Yes

LIST OF FLOOD STORES TO BE ISSUED TO EACH BEAT OFFICERS

GANDERBAL ZONES

Total Number of beats in Ganderbal Zone – 4 No's

S No.	Particular	Quantity Required for each beat	Total quantity required in stores
01	Empty Cement bags	5,000 Bags	20,000 Bags
02	Search Light	02 No's	8 No's
03	Pick axes	6 No's	24No's
04	Shovels	6 No's	24 No's
05	Torches	4 No's	16 No's
06	Baskets	8 No's	32 No's
07	Torch Cells	8 No's	32 No's
08	Sewing Needles	6 No's	24 No's
09	Rain coat with cap	3 No's	12 No's
10	Sutli	1 ½ Kgs	6 Kgs
11	Water Can	1 No's	4 No's
12	Folding Bed	1 No's	4 No's
13	Plastic Chairs	2 No's	8 No's
14	Life saving jackets	2 No's	8 No's
15	Long Boots	4 No's	16 No's

Details
of Items available at District Headquarter
purchased from Disaster Management Fund:-

<i>Sr.No.</i>	<i>Equipments/ Machinery Available</i>	<i>Received</i>	<i>Disbursed</i>	<i>Available</i>
1	Woollen Blankets	2159	2000	159
2	Bottles stainless steel	50	-	50
3	Safety Helmets	30	30	2
4	Wheel Chairs	05	03	02
5	Chainsaw	11	10	01
6	Spade	06	06	x
7	Skid Chain R-15	12	12	X
8	Skid Chain R-16.5	12	12	x
9	Xerox Photocopier	01	01	x
10	Laptop	01	01	x
11	Helmets	100	70	30
12	Light (Halogen)	05	05	x
13	Pulse Ox-meter	05	03	02
14	Lifebuoy	50	20	30
15	Shoes	10	10	x
16	Stretchers	05	03	02
17	Ink tank pointer	01	01	x
18	Rain jackets	50	50	x
19	H.P. Laptop -I 7	01	01	x
20	Brosil Glass	50	30	20
21	Xerox MFD	01	01	x

DETAILED INVENTORY – DEPARTMENT WISE

Health Department

S.NO	ITEM	AVAILIBILTY IN NUMBERS	REQUIREMENT
A.	Manpower		
1	Specialists/Medical Officers	97(normal=66) NHM MBBS=16 ISM=15	
2	Paramedics	402	-
B.	Equipments & Machinery		–
1	ABC Type Fire extinguishers	15	50
2	Stretcher normal	39	40
3	Stretcher medium evacuation	05	30
4	Incubator for children	15	20
5	First Aid Kits	23	20
6	Portable Oxygen cylinders	81	50
7	Portable ventilator	03	03
8	Portable x-rays	02	02
9	Portable ultra sound	03	02
10	Portable ECG	17	10
11	Portable Suction unit	13	20
12	Defibrillator	03	03
13	Mobile Medium Van	02	–
14	Water Filter	06	10
15	Water Tank	15	10
16	4 Wheeler Drive vehicle	03	-
17	Light Ambulance Van	08	02
18	Medium Ambulance Van	19	–
19	Camera Digital	02	01
B.	Buildings		
1	SDH Buildings	02	-
2	PHC/NTPHC/MMC Buildings	24	-
3	Sub Centre Buildings	12	-

Fire & Emergency Services

Total Equipment/ Machinery availability F&ES Command Ganderbal

<i>Sr. No.</i>	<i>Equipments/ Machinery Available</i>	<i>Station Gbl</i>	<i>Station Kangan</i>	<i>Station Gund</i>	<i>Station Lar</i>	<i>Station Safapora</i>	<i>Station Batwina</i>
1	Water Tenders/ ARV	04+01	01	01	01	01	01
2	Fire Engine	06	01	01	01	01	01
3	Lighting Tower	03	0	01	-	-	-
4	Sheer Cutter Heavy Duty	08	04	04	05	04	05
5	Rope	08	02	06	06	04	04
6	Shovel	10	06	07	06	08	07
7	Spade	11	04	06	07	06	04
8	Stretcher	05	02	01	01	02	04
9	Pick Axe	07	04	06	04	04	06
10	Crowbar	08	05	04	05	06	06
11	Lifebuoy Tubes	16	05	05	05	07	05
12	Life Jackets	50	20	20	20	20	20
13	Ladder	06	04	03	03	04	05
14	Search Light	04	02	04	02	04	04
15	Bullet Chainsaw	01	01	01	01	01	01
16	Rescue Boat	01	-	-	-	-	-
17	BA Set	04	02	01	02	02	02
18	Water Mist	12	-	-	-	-	-
	Contact No. (in case of Emergency)	0194-2416390 7006689282	0194-2418222 7889935091	7006291743	9797188380	9541673949	7006346040

SDRF Ganderbal

<i>Sr.No.</i>	<i>Equipments/ Machinery Available</i>	<i>Quantity</i>	<i>Requirement</i>	<i>Quantity</i>	<i>Contact No. (in case of emergency)</i>
1	Shawls	05 No.s	Vehicle 4X4	01 No.	0194-2416564 0194-2416478 Police Control Room Ganderbal
2	Pick Axe	05 No.s	Life Saving Jackets	30 No.s	
3	Red Blanket	02 No.s	Life Saving Rings	50 No.s	
4	Aluminum Ladder 10 ft	02 No.s	Sleeping Bags	100 No.s	
5	Rope Nylon	04 rolls	Rain Coats	50 No.s	
6	Static Rope	20 Mtrs	Search Light	10 No.s	
7	Life Saving Jackets	06 No.s	Genset Portable	02 No.s	
8	Crow Bar	01 No.	Tent	02 No.s	
9	Fireman Axe	02 No.s	PA System	01 No.	
10	First Aid Box	02 No.s	Track Suit	50 No.s	
11	Water Jell Blanket	01 No.	Face Mask	50 No.s	
12	Exhaust Fan	02 No.s	Water Mist	02 No.s	
13	Fire Proximity Suit	01 No.	Wooden Cutter 26"	10 No.s	
14	Fire Entry Suit	01 No.	Wooden Cutter (Long Size)	12 No.s	
15	Ramset With Foot Pump	02 No.s	Rafting Boats	03 No.s	
16	Portable Inflatable light	01 No.	Oxygen Cylinders Portable	20 No.s	
17	Water Mist with Tool	01 No.	Shoes Long Size	50 No.s	
18	Air Lifting Bags				
19	Rotary Rescue Saw	01 No.			
20	Combination Cutter	01 No.			
21	Power Unit	01 No.			
22	Diamond Chain Saw	01 No.			
23	Two Hand Cross Cutter	02 No.s			
24	Hand Saw	02 No.s			
25	Starchier Folded	01 No.			
26	Search Light	04 No.s			
27	Victim Location Camera	01 No.			
28	RR Saw	01 No.			
29	Portable Shelter	01 No.			
30	Hydraulic Jack 20 Ton	01 No.			
31	Life Detector	01 No.			
32	Electric Drill	03 No.s			
33	Rotary Hammer Drill	03 No.s			
34	Cordless Hammer Drill	01 No.			
35	Boot Hard Toe	03 No.s			
36	Boats	03 No.s			

Food Civil Supplies & Consumer Affairs Department Ganderbal

<i>Sr.No.</i>	<i>Name of Godowns/ Storage Facilities</i>	<i>Storage capacity</i>	<i>Name of the incharge of the Godown</i>	<i>Contact No.</i>
1	Kullan	300-Mts	Fayaz Ahmad Sheikh	9419500361
2	Gund	250-Mts	Fayaz Ahmad Sheikh	9419500361
3	Kangan	250-Mts	Javaid Ahmad Magrary	9469040708
4.	Wussan	500-Mts	Under CRPF occupation.	
5	Ganderbal (Wahidpora)	250-Mts	Basher Ahmad Sofi	9858324919

Kashmir Power Development Corporation Ltd, Electric Division Ganderbal

<i>S. No.</i>	<i>Description/ Equipment</i>	<i>Availability</i>
1	Total No. Of Distribution Sub Stations of various villages/ hamlets	1559
2	11 KV Lines	1008.01 Kms
3	LT Lines	2097.78 Kms
4	Transformer Bank/ Buffer	62
5	Regional Workshop Ganderbal	01
6	Backup arrangements in case of natural Calamities	
	62.5 KVA	04 No.s
	7.5 KVA	01 No.s
	2.8 KVA	04 No.s
	2.4 KVA	0 No.
	Inflatable Lights	18 No.s
7	Manpower available as field staff	220
8	Manpower available at Regional Workshop	06

Public Health Engineering Department (RWS Division Ganderbal)

<i>S.No.</i>	<i>Equipments/ Machinery Available</i>	<i>Quantity</i>	<i>Requirement</i>	<i>Contact No. (in case of emergency)</i>
1	Water Tanker Medium Capacity	02 No.	02 No.	9596589504
2	Water Tanker Large Capacity	07 No.	-	9596589504

<i>Sr. No.</i>	<i>Name of Water Supply Scheme</i>	<i>Capacity</i>	<i>Location/ Situated</i>	<i>Contact No. in case of Emergency</i>
1	Kangan	0.10 MGD & 0.20 MGD	Kangan	7006270051
2	Burnabugh	0.015 MGD	Burnabug	
3	Kulan old	0.015 MGD	Kullan	
4	Kangan Udder	0.016 MGD	Kangan Udder	
5	Naranagh	0.015 MGD	Naranagh	
6	Lari	0.015 MGD	Lari	

7	Shoud Gund	0.015 MGD	Shoud Gund	
8	Chek-Preng	0.015 MGD	Check Preng	
9	Zari-Khan Wanderpora	0.018 MGD	Zarikhnan Wanderpora	
10	Akhal Kangan	0.015 MGD	Akhal Forest	
11	Pahelnar	0.015 MGD	Pahelnar	
12	W.S.S Rezan	0.012 MGD	Rezan	
13	Aug.Wangath	0.018 MGD	Wangath	
14	Parray Patti Barwalla	0.015 MGD	Parray Patti Barwalla	
15	Kachnambal	0.015 MGD	Kachnambal	
16	Goripora Kangan	0.015 MGD	Goripora	
17	Syed Patti Surfraw	0.015 MGD	Surfraw	
18	Chek-Patti Surfraw No.4	0.015 MGD	Surfraw	
19	Sonamarg	0.01 MGD	Sonmarg Karewa	
20	Gagangeer	0.01 MGD	Gagangeer	
21	Bogdapati Sumbal	0.012 MGD	Sumbal	
22	Kijipora	0.015 MGD	Kijipora	
23	Hari-Thune	0.015 MGD	Thune	
24	Barparan Gagangeer	0.01 MGD	Gagangeer	
25	Fraw	0.01 MGD	Fraw	
26	Hilal bagh Haknar	0.01 MGD	Haknar	
27	Ari- Gooripora	0.01 MGD	Goripora	
28	Gulab-Doori Yachama	0.01 MGD	Yechama	
29	Sumbal Bala	0.01 MGD	Sumbal Bala	
30	Kralkhani	0.01 MGD	Kralkhani	
31	Ramwari	0.01 MGD	Ramwari	
32	W.S.S Jully-Patti	0.07 MGD	Jully Patti	
33	Syed-Patti Surfraw	0.01 MGD	Sufraw	
34	Petpora Habliwar	0.012 MGD	Habliwar	
35	Chattergul	0.20 MGD	Chattergul	
36	W.S.S Khanan Peth Nizampora	0.10 MGD	Khanan	
37	Hayan Gunsu Mohalla	0.15 MGD	Yechama	
38	G.B Preng	0.02 MGD	Preng	
39	Herpora Ganiwan	0.10 MGD	Ganiwan	
40	Kachran Wangath	0.006 MGD	Wangath	
41	Poshkar	0.006 MGD	Poshkar	
42	W.S.S Charapatti Brenwar	0.010 MGD	Charrapati	
43	G.B Waniyarm	0.010 MGD	Waniyaram	
44	W.S.S Gedra Machkani	0.010 MGD	Machkani	
45	W.S.S Pakhtoon Patti Waniyarm	0.005 MGD	Waniyaram	7006270051
46	W.S.S Kralpathri Kachpathri	0.010 MGD	Kachpatri	
47	W.S.S Panchayat Basti Thune	0.007 MGD	Thune	
48	G.B Thune	0.010 MGD	Thune	
49	Cheerwan	0.015 MGD	Cherwan	
50	Mammer	0.015 MGD	Mammer	
51	Baba Reshi Cherdara	0.15 MGD	Cheerdara	
52	Kullan	0.2 MGD	Kullan	
53	Arahama	0.1 MGD	Galkul	
54	W.S.S Naqshaband Colony	0.05 MGD	Naqshband Colony	
55	W.S.S Baba Hanief Din Sahib Yarmuqam	0.045 MGD	Yarmuqam	
56	W.S.S Gurezi Colony Nunner	0.15 MGD	Nunner	9419780881
57	W.S.S ChewaPehlipora	0.22 MGD	Pehlipora	
58	W.S.S Gratpora Benihama	0.10 MGD	Benihama	
59	Hari Dursum	0.20 MGD	Dursum	
60	Nadirbagh	0.01 MGD	Nadirbagh	

61	W.S.S Haran Sheerpathri	1.00 MGD	Beehama Hills
62	Aug. Tullamulla	0.50 MGD	Beehama Hills
63	W.S.S Ganderbal Town	0.10 MGD	Beehama Hills
64	W.S.S Fatehpora Dagpora	0.50 MGD	Beehama Hills
65	W.S.S Lar-WatlarExtt. Chount Waliwar	0.50 MGD	Chount waliwar
66	Manigam	0.15 MGD	Manigam
67	W.S.S Barsoo Shalpora	0.20 MGD	Barsoo
68	W.S.S Wandhama Sanik School	0.07 MGD	Sainik School
69	W.S.S Malshahi Bagh (old) (Darind Malshahibagh)	0.10 MGD	Rangil
70	W.S.S Takiya Khalmulla	0.10 MGD	Khalmulla
71	W.S.S Serch	0.06 MGD	Budrekund
72	W.S.S Rambir Bagh	0.04 MGD	Repora Bala
73	Wayil-II	0.015 MGD	Haidermaidan
74	Bobsipora	0.05 MGD	Haidermaidan
75	W.S.S Baba-Wayil Chanhar	0.03 MGD	Baba Wayil
76	W.S.S Reazon	0.026 MGD	
77	W.S.S Dar Mohalla Watalbagh	0.05 MGD	Watlar
78	Tengpora I & II	0.02 MGD	Tengpora
79	W.S.S. Rajbagh Colony Malshahi Bagh	0.10 MGD	Rangil
80	W.S.S Bonizal	0.05 MGD	Bonizal
81	W.S.S Nunner	0.10 MGD	Haidermaidan
82	W.S.S Wayil Udder Gutlibagh	0.16 MGD	Gutlibagh
83	W.S.S Serch Bonpora	0.15 MGD	Budrekund
84	W.S.S Bib Sahib I & II	0.02 MGD	Bib Sahib
85	W.S.S Wakoora Phase I & Phase II	0.50 MGD	Lar
86	W.S.S Chewa Pehlipora	0.22 MGD	Chewa
87	W.S.S Dardpora Udder	0.015 MGD	Anderwan
88	WSS Lar Watlar	0.30 MGD	Watlar
89	WSS Hadoora	0.50 MGD	Hadoora
90	Source Extt. Cheerwan	0.15 MGD	Cheerwan
91	Dangerpora Tulmulla	0.75 MGD	Beehama Hills
92	Dar Mohalla Watalbagh	0.10 MGD	Lar
93	Shuhama	0.50 MGD	Shuhama
94	Ganderbal Twon-I & II	1.1 MGD	Beehama Hills
95	Repora Bala	0.19 MGD	Goriwan Lar

9419780881

I&FC

S.No.	Item	Availability	Requirement
1.	Sand Bags	70000	-

Transport Department

a) Major Transport Companies:-

S. No.	Name of Transport Co.	Location of the Transport Co.	Strength	Name of President with phone number
1.	M/S Harmukh Transport Company Pvt. Ltd.	Ganderbal/ Soura	183 vehicles Mini buses	Gh Rasool 8494009709
2.	M/S Harmukh Goods Transport Co.pvt ltd	Ganderbal	350 vehicles (Goods)	Nazir Ahmad 9419555605
4.	M/S Iqbal Transport Co.	Gund Kangan	03 vehicles (Goods)	Haji Gh. Qadir 9419003780
5.	M/s Jhonty Goods Co pvt Ltd	Waiylooo	30 vehicles (Goods)	Showket Ahmad khan 9419000282

B) Sumo Stands/Maxi /Taxi cabs

S. No.	Name of Sumo Stand	Location of Sumo Stand	Strength	Name of President with phone number
1.	Taxi Stand No. 1 (R)	Beehama Ganderbal	131 vehicles	Gh.Qadir Bhat 7006194670
2.	Taxi Stand No. 2 (R)	Tawheed Chowk Ganderbal	60 vehicles	Showkat Ah Wani 7889986465
3.	Sumo Stand Safapora	Safapora	52 vehicles	Sharif Khan 9906821862
4.	Sumo Stand Kangan - A	Kangan	300 vehicles	Gh Hassan Mir 9906000368
5	Sumo Stand Kangan-B	Kangan	40 vehicles	Mohammad Ramzan 9596441085
5.	Sumo Stand Sonamarg	Sonamarg	300 vehicles	Farooq Ahmad 9797276799
6.	Shama Sumo Stand	Lar Ganderbal	27 vehicles	Mohammad Shafi 9622555807
7.	Sumo Stand Dursuma	Dursuma Manigam	30 vehicles	Manzoor Ahmad Waza 9419745988

Municipal Committee Ganderbal

S.No.	Equipment	Quantity available	Requirement	Contact No. (in case of emergency)
1.	Handcarts	20	50	
2.	Loader (Front End Loader) Vehicle	02	-	
3.	Tipper	01	01	
4.	Tractor Vehicle	01	01	
5.	JCB (Back Hoe Loader)	01	01	
6.	Dumper Placer	01	01	
7	Snow Cutter (Tractor Based)	0	01	
8	Sucker	01	-	
Manpower available				
1.	Demolition Guard	6		
2.	Sweepers (Sanitation Staff)	35		

R&B

<i>S.No.</i>	<i>Equipment</i>	<i>Quantity available</i>	<i>Requirement</i>	<i>Contact No.</i>
1	Nil	Nil	Nil	<i>nil</i>

<i>Sr.No.</i>	<i>Item</i>	<i>Area (in Kms)</i>
	Total Road Length maintained	564.00
1	Blacktopped	445.65
2	Mettled	111.65
3	Shingled	0
4	Fair Weather	6.70

BEACON

<i>S.No.</i>	<i>Equipment</i>	<i>Quantity available</i>	<i>Requirement</i>	<i>Contact No.</i>
1	Snow cutter	06	0	
2	Dozer-D 80	04	0	
3	Dozer-D 50	04	0	
4	Wheel Loader	04	0	
5	Snow Plough	06	01	
6	Manpower	104	0	

<i>Sr.No.</i>	<i>Item</i>	<i>Area (in Kms)</i>
	Total Road Length maintained	129.71
1	Blacktopped	110.554
2	Mettled	07
3	Shingled	3.159
4	Fair Weather	3.995

PMGSY

<i>S.No.</i>	<i>Equipment</i>	<i>Quantity available</i>	<i>Requirement</i>	<i>Contact No. (in case of emergency)</i>
1.	Machinery	Nil	Nil	Exn- Division Ganderbal-9419057213 AEE Sub Division Kangan-7006691077
2.	Manpower			
	AEE	02		
	AE	09		
	JE	11		

<i>Sr.No.</i>	<i>Item</i>	<i>Area (in Kms)</i>
	Total Road Length maintained	142.33
1	Blacktopped	110.93
2	Mettled	11.65
3	Shingled	-
4	Fair Weather	19.75

Education Department

S No	Item	Availability			
1	Higher Secondary Schools	18			
	High Schools	41			
	Middle School	167			
	Primary Schools	348			
2	Manpower				
	Principal	12			
	Lecturers/ Head Masters/ZEOs/ ZEPOs/ Masters/ Teachers	2821			
	Clerical Staff & Non Teaching Staff	328			
3	Buildings				
	(PS/MS/HS/HSS)	572			
4	Vehicle	1			
Sr. No	Name of Officer/ Official	Designation	Office	Office Address	Contact Number
1	Nazir Ahmad Wani	Chief Education Officer	Chief Education Office	Mini Secretariat Ganderbal	7006304051
2	Showkat Ahmad	Teacher	Chief Education Office	Mini Secretariat Ganderbal	8825012067

List of Disaster Rehabilitation Centers (Schools) of Ganderbal

S No	Name of the Disaster Rehabilitation Centre/ School	Name of the HOI	Designation	Location	Contact No.
1	Govt MS Nilgrath	Mohd Ashraf Kasana	Head-teacher	Nilgrath	9906510515
2	Govt HS Sonamarg	Ab Majid Malla	Incharge	Sonamarg	9541336325
3	Govt HS Gagangeer	Ab Rashid Ahanger	Headmaster	Gagangeer	8491969620
4	Govt BHSS Kullan	Ghulam Mohi-ud-din Wagay	Incharge	Kullan	700657176
5	Govt BHSS Gund	Mohd Minhaj Matoo	Principal	Gund	7006949008
6	Govt MS Badipardon	Nazir Ahmad Rather	Head-teacher	Badipardon	9797095633
7	Govt HS Sumbal	Mushtaq Ahmad Kulloo	Incharge	Sumbal	9596573236
8	Govt MS Fraw	Noor Hussain	Head-teacher	Fraw	9697324050
9	Govt MS Mandal Mohlla	Manzoor Ahmad Rather	Head-teacher	Mandal Mohalla	9596595683
10	Govt MS Kasanapati	Ab Rashid Sheikh	Headmaster	Kasanpati	8715953028
11	Govt BHSS Hariganiwan	Mohammad Maqbool	Incharge	Hariganiwan	7006299360
12	Govt GMS Hariganiwan	Tasaduk Ahmad Malik	Head-teacher	Hariganiwan	8491000325

13	Govt MS Mammam	Gh Jeelani Kasana	Head-teacher	Mammam	7006257911
14	Govt BHS Cherwan	Mohd Hussain	Headmaster	Cherwan	6005452279
15	Govt. BHSS Kangan	Farooq Ahmad Rather	Incharge Principal	Kangan	7006049007
16	BHSS Manigam	Hakim Nazir	Principal	Manigam	9596175722
17	BHSS Lar	Mohammad Amin Beigh	Principal	Lar	7889443090
18	BHSS Kurhama	Reyaz Ahmad Lone	Principal	Kurhama	6005946900
19	BHSS Safapora	Ab Ahad	Principal	Safapora	9596233911
20	BHSS Batwina	Mohammad Altaf Sofi	Principal	Batwina	7006927094
21	BHSS Wakura	Qazi Anees Fatima	Principal	Wakura	7006352028
22	BHS Dab	Nighat Hydar	Headmaster	Dab	7889794940
23	BHS Shalbugh	Shaikh Zahoor	I/c Headmaster	Hatbura	7006427428
24	GHSS Ganderbal	Shahzada	I/ C Principal	Saloor	6006244142
25	BHSS Ganderbal	Nazir Ahmad Khan	Principal	Duderhama	8494022982
26	BHSS Khallmulla	Nissar Ahmad Ahangar	Principal	Khallmulla	7006041937
27	GHSS Nunnar	Nazir Ahmad Sofi	Principal	Nunnar	9906948748
28	BHS Gutlibagh	Fehmeeda Akhter	Headmaster	Gutlibagh	9596079300

Operation Guidelines (Dos & Don'ts)

We ought to be smart and prepared to tide over a flood. Some ways:

A) Before Floods

To prepare for a flood, you should:

- ✓ Avoid building in flood prone areas unless you elevate and reinforce your home.
- ✓ Elevate the furnace, water heater, and electric panel if susceptible to flooding.
- ✓ Install "Check Valves" in sewer traps to prevent floodwater from backing up into the drains of your home.
- ✓ Contact community officials to find out if they are planning to construct barriers (levees, beams and floodwalls) to stop floodwater from entering the homes in your area.
- ✓ Seal the walls in your basement with waterproofing compounds to avoid seepage.

B) When flood is likely to hit

Ignore rumours, Stay calm, Don't panic

- ✓ **Stay available** - Keep your mobile phones charged for emergency communication; use SMS
- ✓ **Be alert** - Listen to radio, watch TV, read newspapers for weather updates
- ✓ **Don't ignore animals** - Keep cattle/animals untied to ensure their safety
- ✓ **Survival is key** - Prepare an emergency kit with essential items for safety and survival
- ✓ **Save your valuables** - Keep your documents and valuables in water-proof bags

C) During Floods

- ✓ **Don't take risk** - Don't enter flood waters. In case you need to, wear suitable footwear
- ✓ **Watch your step** - Stay away from sewerage lines, gutters, drains, culverts, etc.
- ✓ **Don't get electrocuted** - Stay away from electric poles and fallen power lines to avoid electrocution
- ✓ **Remain healthy** - Eat freshly cooked or dry food. Keep your food covered
- ✓ **Evade illness** - Drink boiled/chlorinated water
- ✓ **Ensure cleanliness** - Use disinfectants to keep your surroundings clean

D) After Floods

- ✓ **Protect children** - Do not allow children to play in or near flood waters. Don't use any damaged electrical goods, get them checked
- ✓ **Watch your step** - Watch out for broken electric poles and wires, sharp objects and debris
- ✓ **See what you eat** - Do not eat food that has been in flood waters
- ✓ **Mosquitoes can kill** - Use mosquito nets to prevent malaria
- ✓ **Use clean water** - Don't use the toilet or tap water if the

E) If you need to evacuate

- ✓ Raise furniture, appliances on beds and Tables
- ✓ Put sandbags in the toilet bowl and cover all drain holes to prevent sewage back flow
- ✓ Turn off power and gas connection
- ✓ Move to a higher ground/ safe shelter
- ✓ Take the emergency kit, first aid box and valuables with you
- ✓ Do not enter deep, unknown waters; use a stick to check water depth
- ✓ Come back home only when officials ask you to do so

What to do Before an Earthquake

- Repair deep plaster cracks in ceilings and foundations. Get expert advice if there are signs of structural defects.
- Anchor overhead lighting fixtures to the ceiling.
- Follow BIS codes relevant to your area for building standards
- Fasten shelves securely to walls.
- Place large or heavy objects on lower shelves.
- Store breakable items such as bottled foods, glass, and china in low, closed cabinets with latches.
- Hang heavy items such as pictures and mirrors away from beds, settees, and anywhere that people sit.
- Brace overhead light and fan fixtures.
- Repair defective electrical wiring and leaky gas connections. These are potential fire risks.
- Secure water heaters, LPG cylinders etc., by strapping them to the walls or bolting to the floor.
- **Store** weed killers, pesticides, and flammable products securely in closed cabinets with latches and on bottom shelves.
- Identify safe places indoors and outdoors.
 - Under strong dining table, bed
 - Against an inside wall
 - Away from where glass could shatter around windows, mirrors, pictures, or where heavy bookcases or other heavy furniture could fall over
 - In the open, away from buildings, trees, telephone and electrical lines, flyovers and bridges
- Know emergency telephone numbers (such as those of doctors, hospitals, the police, etc)
- Educate yourself and family members

Have a disaster emergency kit ready

- Battery operated torch with extra batteries
- Battery operated radio
- First aid kit and manual
- Emergency food (dry items) and water (packed and sealed)
- Candles and matches in a waterproof container
- Knife
- Chlorine tablets or powdered water purifiers
- Can opener.
- Essential medicines
- Cash and credit cards
- Thick ropes and cords
- Sturdy shoes

Develop an emergency communication plan

- In case family members are separated from one another during an earthquake (a real possibility during the day when adults are at work and children are at school), develop a plan for reuniting after the disaster.
- Ask an out-of-state relative or friend to serve as the 'family contact' after the disaster; it is often easier to call long distance. Make sure everyone in the family knows the name, address, and phone number of the contact person.

Help your community get ready

- Publish a special section in your local newspaper with emergency information on earthquakes. Localize the information by printing the phone numbers of local emergency services offices and hospitals.

Conduct week-long series on locating hazards in the home.

- Work with local emergency services and officials to prepare special reports for people with mobility impairment on what to do during an earthquake.
- Provide tips on conducting earthquake drills in the home.
- Interview representatives of the gas, electric, and water companies about shutting off utilities.
- Work together in your community to apply your knowledge to building codes, retrofitting programmes, hazard hunts, and neighborhood and family emergency plans.

What to Do During an Earthquake

- Stay as safe as possible during an earthquake. Be aware that some earthquakes are actually foreshocks and a larger earthquake might occur. Minimize your movements to a few steps that reach a nearby safe place and stay indoors until the shaking has stopped and you are sure exiting is safe.

If indoors

- DROP to the ground; take COVER by getting under a sturdy table or other piece of furniture; and HOLD ON until the shaking stops. If there is no a table or desk near you, cover your face and head with your arms and crouch in an inside corner of the building.
- Protect yourself by staying under the lintel of an inner door, in the corner of a room, under a table or even under a bed.
- Stay away from glass, windows, outside doors and walls, and anything that could fall, (such as lighting fixtures or furniture).
- Stay in bed if you are there when the earthquake strikes. Hold on and protect your head with a pillow, unless you are under a heavy light fixture that could fall. In that case, move to the nearest safe place.
- Use a doorway for shelter only if it is in close proximity to you and if you know it is a strongly supported, load bearing doorway.
- Stay inside until the shaking stops and it is safe to go outside. Research has shown that most injuries occur when people inside buildings attempt to move to a different location inside the building or try to leave.
- Be aware that the electricity may go out or the sprinkler systems or fire alarms may turn on.

If outdoors

- Do not move from where you are. However, move away from buildings, trees, streetlights, and utility wires.
- If you are in open space, stay there until the shaking stops. The greatest danger exists directly outside buildings; at exits; and alongside exterior walls. Most earthquake-related casualties result from collapsing walls, flying glass, and falling objects.

If in a moving vehicle

- Stop as quickly as safety permits and stay in the vehicle. Avoid stopping near or under buildings, trees, overpasses, and utility wires.
- Proceed cautiously once the earthquake has stopped. Avoid roads, bridges, or ramps that might have been damaged by the earthquake.

If trapped under debris

- Do not light a match.
- Do not move about or kick up dust.
- Cover your mouth with a handkerchief or clothing.
- Tap on a pipe or wall so rescuers can locate you. Use a whistle if one is available. Shout only as a last resort. Shouting can cause you to inhale dangerous amounts of dust.

Land slides

- Avoid building houses near steep slopes, close to mountain edges, near drainage ways or along natural erosion valleys.
- Avoid going to places affected by debris flow. In mud flow areas build channels, to direct the flow around buildings.
- Stay alert and awake. Many deaths from landslides occur while people are sleeping.
- Listen for unusual sounds that might indicate moving debris, Such as trees cracking or boulders knocking together.
- Move away from the landslide path or debris flow as quickly as possible.
- Avoid river valleys and low-lying areas. Any person near a stream or channel be alert for any sudden increase or decrease in water flow and notice whether the water changes from clear to muddy.
- Go to designated public shelter if you have been told to evacuate.
- Stay away from the slide area as there may be danger of additional slides.
- Check the injured and trapped persons near the slide, without entering the direct slide area.

Fire:

- In case of fire, dial Emergency number in your area/town.
- Learn at least two escape routes and ensure they are free from obstacles.
- Remain calm, unplug all electrical appliances.
- Keep bucket of water and blankets ready.
- If clothes catch fire; Stop, Droll and Roll.
- In case of uncontrolled force, wrap the victim in a blanket till the fire ceases/stops
- Don't burn crackers in crowded, congested places, narrow lanes or inside the house.
- Don't cover crackers with tin containers or glass bottles for extra sound effect.
- Avoid wearing long loose clothes during fire, as they increase the risk of catching fire.
- Don't remove burnt clothes unless it comes off easily.
- Don't apply adhesive dressing on the burnt area.
- Don't throw lighted cigarette butts.

Droughts

- Never pour water down the drain, use it water your indoor plants or garden.
- Repair dripping taps by replacing washers.
- Check all plumbing for leaking and get them repaired.
- Choose appliances that are more energy and water efficient.
- Develop and use cop contingency plan to meet drought situations.
- Plant drought-tolerant grasses, shrubs and trees.
- Install Irrigation devices which are most water efficient for each use, such as micro and drip irrigation.
- Consider Implementing rainwater harvesting wherever it is suitable.
- Avoid flushing the toilet unnecessarily.
- Avoid letting the water run while brushing, washing or bathing.

Epidemics

- Store at least two week supply of water and food.
- Periodically check availability of regular prescription medicines.
- Have non-prescription medicines and other health supplies in hand, including pain relievers, Stomach remedies, Cough & Cold medicines, Fluids with electrolytes and Vitamins.
- Volunteer with local groups to prepare and assist during emergency response.
- Keep your surroundings clean and do not let the water be stagnant.
- Avoid close contact with people who are sick. When sick, Keep distance from others to protect them from getting sick.

- If possible, stay at home; Keep away from work, School, etc. When you are sick. This will help prevent others from getting infected.
- Cover mouth and nose with a tissue while coughing or sneezing. Washing hands often to help from harmful germs.
- Avoid touching eyes, nose or mouth. Germs often spread when a person touches something that is contaminated with germ as and then touches his or her sensitive body parts.

COLD WAVE

- Stay indoors; minimize travel.
- Keep the Emergency Kit ready along with snow shovels, wood for fireplace and adequate clothing.
- Listen to Local Radio Station for weather updates.
- Keep dry. Change wet clothing frequently to prevent loss of body heat.
- Watch for symptoms of frostbite like numbness, white or pale appearance on fingers, toes, earlobes and the tip of the nose.
- Protect yourself from frostbite and hypothermia by wearing warm, loose fitting, lightweight clothing in layers.
- Maintain proper ventilation when using kerosene heaters or coal oven to avoid toxic fumes.
- Go to a designated public shelter, if your home loses power or heat during extreme cold.

Forest Fire

- Try to maintain **FOREST BLOCKS** to prevent day litter from forest during summer season.
- Try to put the fire out by digging a circle around it by water, if not possible to call a Fire Brigade.
- Move farm animals and movable goods to safer places
- During fire, listen regularly to radio for advance information and obey the instructions cum advice.
- Teach the causes and harm of fire to general masses and make them aware about forest fire safety.
- Do not be scared when a sudden fire occurs in the forest, be calm & encourage others and community overcome the problem patiently.
- Do not throw smoldering cigarette butts or bid in the forests.
- Do not leave the burning wood sticks in or near the forests.
- Do not enter the forest during the fire.
- Discourage community to use Slash & burn methods.

CAPACITY BUILDING

TRAINING OF VOLUNTEERS

All the 250 Volunteers have been identified by the concerned Tehsildars. The list of the same has been received by this office. The training will be provided in consultation with Disaster Management, Relief, Rehabilitation & Reconstruction Department. List of Volunteers has been incorporated in the Resource Inventory of the District. 50 village level workers had been trained by DDMA

AWARENESS PROGRAMMES/MOCK EXERCISES

Mock exercises on Disaster Management and Mitigation are being conducted from time to time in various institutions/locations across the District through Civil Defense and NGOs.

In the year 2017-18, 14 programmes have been conducted by the DDMA, Ganderbal in various parts/institutions of the District.

Moreover, Chief Education Officer Ganderbal has been directed to conduct awareness programmes about the disaster preparedness in all the schools of the District.

RESPONSE MEASURES

The aim of disaster response measures need to be aimed at rescuing those who are affected or likely to be affected by hazards. This involves minimizing the impact of injuries, loss of life and damage to property and the environment.

ACTIVATION OF DISTRICT EMERGENCY OPERATIONS CENTRE (EOC)

Disaster response measures include those that are aimed at limiting casualties, alleviating hardship and suffering, restoring essential life support and community systems, avoiding further damage and losses, and providing the foundations for subsequent recovery.

When a disaster strikes, every minute counts for saving lives. Immediate, coordinated and pre-planned response is essential. With a capacity to deal with several simultaneous emergencies in different time zones, around-the-clock, the EOC/ERC is a coordination hub facilitating a coherent response during emergencies helping to cut unnecessary and expensive duplication of efforts.

It collects and analyses real-time information on disasters, monitors hazards, prepares plans for the deployment of experts, teams and equipment in the District, and works with the State to map available assets and coordinate the disaster response efforts. Better planning and the preparation of a set of typical disaster scenarios will further enhance the EOCs/ERCs capacity for rapid response.

Following measures should be taken during the Disasters:-

- 1. Incident Support** - The provision of resources and/or strategic guidance, authorizations, and specific decision-making support. This support may be provided to an Emergency Response Taskforces at a site or in limited circumstances, to another EOC.
- 2. Essential Services and Continuity of Operations** - Ensuring that essential services are maintained, including where possible, in the areas impacted by the emergency.

Under specific circumstances, the ECG may also exercise the following functions:

- 3. Area Command** - The provision of incident management and oversight to multiple incidents.
- 4. Incident Command** - The direct management of an incident response.

During disasters, EOC/ERC shall be activated. Emergency Operation Taskforces shall be deployed to the disaster site/sites. All the taskforce leaders shall take position in the District EOC in order to enable one-point coordination and efficient decision making.

ACTIVATION OF EMERGENCY OPERATION TASKFORCES

The Incident Response System in the District is activated on warning or occurrence of a disaster. Taskforces are activated according to pre-determined SOP and as appropriate for the nature of the hazard or disaster. Activation can be:

- In anticipation of a District level disaster, or
- Occur in response to a specific event or problem in the District.

On activation, coordination of warning and response efforts will operate from the District Control Room (DEOC).

SEARCH AND RESCUE

The District Collector, in conjunction with local authorities will be responsible for the search & rescue operations in an affected region. In doing so, the Collector will be guided by relevant disaster management plans and will be supported by Government Departments and local authorities.

SHELTER MANAGEMENT

Disaster situations typically result in an immediate need for shelter and protection against an incidence of any disaster. The concerned Government Departments and local authorities would provide temporary shelter, health and sanitation services to rescued victims in order to prevent an outbreak of diseases. All the Disaster Management Centres in the District shall be used as shelter sheds in case of exigencies. The concerned authorities shall make all the necessary arrangements for providing shelters to common masses and prepare a database of the sufferers with full particulars.

COMMUNICATION

The District Administration and local authorities would communicate to the larger community the impact of the disaster and specific activities that are required to be undertaken to minimize the impact. Some of these activities could include precise communication of the impact of disaster and relief measures being taken and generate goodwill among community and other stakeholders. It would also aim at preventing panic reactions, while providing relevant information and handling welfare enquiries. The communication channel will also act as a feedback mechanism on relief measures and urgent needs of various agencies involved in emergency relief measures and relief.

PRELIMINARY DAMAGE ASSESSMENT

Once a disaster strikes, the Government Departments and the local authorities shall carry out a preliminary 'need and loss assessment' and the District Administration shall mobilize resources accordingly. The members of the rapid impact assessment will be officials drawn from various line departments facilitated by the Tehsildar of the affected Tehsils. The rapid impact assessment report will be detrimental to take decisions on the required rescue and relief operations. The preliminary report should be made available within 24 hours of the calamity.

RECOVERY MEASURES

Recovery is defined as decisions and actions taken after a disaster with a view to restore or improves life and assets of the stricken community, while encouraging and facilitating necessary adjustments to reduce disaster risk. Recovery and Reconstruction (R&R) or comprehensive rehabilitation is the last step in the cycle of disaster management. In addition, this is the phase of new cycle, where the opportunity to reconstruction and rehabilitation should be utilized for building a better, safer and resilient society.

STRATEGIES FOR RESTORING PHYSICAL INFRASTRUCTURE AND LIFELINE SERVICES MAY BE:

Build Back Better:

This ensures greater resilience, preparedness; and minimum loss in an event of future disaster.

Participatory Planning:

Infrastructure improvement measures need to be balanced with, or at least be in line with, the social and cultural needs and preferences of beneficiaries

Coordination:

A plan of recovery will help better coordination between various development agencies. Damage Assessment and Need Assessment shall be the basis of recovery planning, various sectors for recovery process may be:

- Essential Services: Essential Commodities (atables), Health, Water, Sanitation Power, Communication & Transport.
- Infrastructural: Housing, Public Buildings and Roads
- Livelihood: Employment, Agriculture, Cottage Industry, Shops and Establishments.

Basic services such as power, water supply, sanitation, etc. should be restored in shortest possible time. Alternate arrangement of water supply, temporary sanitation facilities can be sought with the help of special agencies. Special arrangements for provision of essential services should be ensured. It can include creating temporary infrastructure for storage and distribution of water supply, running tankers, power supply and sanitation facilities.

SECTOR-WISE DAMAGE ASSESSMENT FORMATS

After an event of disaster, every intending Department shall communicate the damage-loss assessment to the district authorities, through proper channel, on the devised formats as given in District Disaster Management Plan.

LONG TERM RECOVERY PROGRAMME

Disaster recovery typically occurs in phases, with initial efforts dedicated to helping those affected and have immediate needs for housing, food and water. As homes and businesses are repaired, people return to work and communities continue with cleanup and rebuilding efforts. Many government agencies, voluntary organizations, and the private sector cooperate to provide assistance and support.

Some individuals, families and communities that are especially hard hit by a disaster may need more time and specialized assistance to recover, and a more formalized structure to support them. Specialized assistance may be needed to address unique needs that are not satisfied by routine disaster assistance programs. It may also be required for very complex restoration or rebuilding challenges. Community recovery addresses these ongoing needs by taking a holistic, long-term view of critical recovery needs, and coordinating the mobilization of resources at the community levels.

Oftentimes, committees, Taskforces or other means of collaboration formed with the goals of developing specific plans for community recovery, identifying and addressing unmet or specialized needs of individuals and families, locating funding sources, and providing coordination of the many sources of help that may be available to assist. Some collaboration focuses on the community level and relies on the expertise of community planning and economic development professionals. Other collaborations focus on individual and family recovery and are coordinated by social service and volunteer groups. All such efforts help to lay the groundwork for wise decisions about the appropriate use of resources and rebuilding efforts.

Under the National Response Framework, Emergency Support Function (ESF) Community Recovery coordinates the resources of federal departments and agencies to support the long-term recovery of States and communities, and to reduce or eliminate risk from future incidents. While consideration of long-term recovery is imbedded in the routine administration of the disaster assistance and mitigation programs, some incidents, due to the severity of the impacts and the complexity of the recovery, will require considerable inter-agency coordination and technical support. ESF efforts are driven by the authorities, focusing on permanent restoration of infrastructure, housing and the local economy

MATRIX FORM OF SHORT TERM AND LONG-TERM RECOVERY PROGRAMME

Disaster recovery has three distinct but interrelated meanings. First, it is a goal that involves the restoration of normal community activities that were disrupted by disaster impacts – in most people’s minds, exactly as they were before the disaster struck. Second, it is a phase in the emergency management cycle that begins with stabilization of the disaster conditions (the end of the emergency response phase) and ends when the community has returned to its normal routines. Third, it is a process by which the community achieves the goal of normal life.

REQUIREMENT OF FUNDS :-

For effective response and coordination of DDMA with SDMA, funds shall be placed at the disposal of the Deputy Commissioner for following purposes:-

S. No.	Item
01.	<p>Establishment of Emergency Operation Centre</p> <p><i>i) State land measuring 05 Kanals was earlier identified in estate Bakura of Tehsil Ganderbal under survey No.1272/287/287/2-min, which is located on a hilly terrain and is far away from the National Highway and cannot be reached in case of any eventuality.</i></p> <p><i>ii) The new site for the land measuring 05-kanal -08-marlas under Survey No.811/925 has been identified at Haripora Highway Tehsil Kangan and can fulfill all the requirements required for the same.</i></p> <p><i>iii) Site is not flood prone and helipad facilitation of police training school Manigam is available.</i></p> <p><i>iv) Located centrally in the District.</i></p> <p><i>v) Site falls in security Zone. Furthermore, an estimated cost to the tune of Rs-167.96-lacs is proposed for construction of Emergency Operation Centre at above referred site.</i></p> <p>The above referred statements have been forwarded to Divisional Commissioner Kashmir vide this office letter No.DCG/SQ/2020/2051-52 dated 29.12.2020</p>
02.	Early Warning System
03.	Establishment of Training Centre
04.	Strengthening of DDMA

Following measures are to be strictly adhered to avoid spread of the disease to poultry:-

- Bio-security has to be strengthened and disinfection in the entire area, where the mortality in birds has been reported, to be carried out by Chief Animal Husbandry officer Ganderbal in collaboration with Forest Department, Wildlife Department Ganderbal and Municipal Council Ganderbal.
- The dead birds (if any) should be disposed off by deep burial. For sample collection and testing, the whole bird may be sent to lab, dead bird should not be open without ensuring bio-safety and Zoo-Sanitary measures.
- Surveillance of poultry may be also intensified in the area
- To prevent the spread of disease to poultry and human beings, the guidelines circulated vide letter of even number dated 28th September, 2012 may be adhered to.
- Forest and wildlife Department may also increase the vigil and surveillance in the area.
- An updated report on each location epicenter to be sent immediately to Animal Husbandry Department as well as to this office informing of the developments / action taken. The updated report must have information on date of start of the event, susceptible population (cases, deaths, killed or deposed, slaughtered), epidemiological comments, source of inflection /origin of infection, and control measures applied so that the same can be reported to OIE under immediate notification.

To prevent spread of disease to poultry and Human Beings, following guidelines / advisories are to be adhered to :-

- a. Avoid contact with wild/ migratory birds.
- b. Avoid contact with places where migratory birds use to visit for feed/water.
- c. Observe all Bio Security measures
- d. Report any type of sickness in birds to nearest Veterinary center.
- e. Maintain strict personnel hygiene
- f. Poultry farmers are advised to keep the farm premises and shed surroundings vegetation free and feed supplies /Water protected
- g. Restrict entry of visitors in the farm
- h. Dead birds should not be thrown in open and shall be burnt or buried deep in the ground.
- i. All poultry dealers and retailers shall cooperate with Animal Husbandry Staff for sampling
- j. There is no need to panic. Properly cooked poultry food can be taken as the H5N8 is sensitive to heat and dies at cooking temperature.
- k. District Level Monitoring /Control room has been set up in the office of District Nodal Officer – Chief Animal Husbandry Officer Ganderbal.
- l. In case of any unusual mortality in poultry /migratory birds contact immediately.

Poultry Extension Officer Ganderbal (7006-915273)
Technical Officer, AHD Ganderbal (7006-395765)

COVID -19 Action Plan (2021) and Mitigation Management thereof

1. District Hospital Ganderbal

Name of the item	Quantity available	Required Quantity
Beds Strength	142 Bedded	150
Oxygen Cylinder Bulk	165	265
Oxygen Cylinder Medium	100	200
O2 Concentrator	32	100
NCT Thermoter	72	100
Pulse Oximeter	46	200
Ventilators	12	12
Nebulizers	6	50
Drugs / Covid Logistics / Flouter	Available as per Requirement	200
Doctors / paramedics		
Doctors	58	10
Anaesthetics	04	02
Pharmacists	05	05
Staff Nurses	42	50
O.T. Technicians	03	07
Technicians (Anaesthesia)	Nil	12
Class- ivs	08	20
2. MMC Wayil		
Name of item	Qty Available	Required Qty.
Beds strength	40 Bedded	-
Oxygen cylinder Bulk	10	50
Oxygen Cylinder Medium	80	40
O2 Concentrator	11	29
NCT Thermometer	15	25
Pulse Ox-meter	15	25
Ventilators	Nil	Nil
Nebulizers	02	18
Drugs /Covid Logistics /floumeter	Available as per need	20
3. Doctors / Paramedics		
Doctors	2	04
Pharmacists	1	02
Staff Nurses	1	04
Anaesthetics	-	-
Technicians	nil	-
Class – ivs	01	08

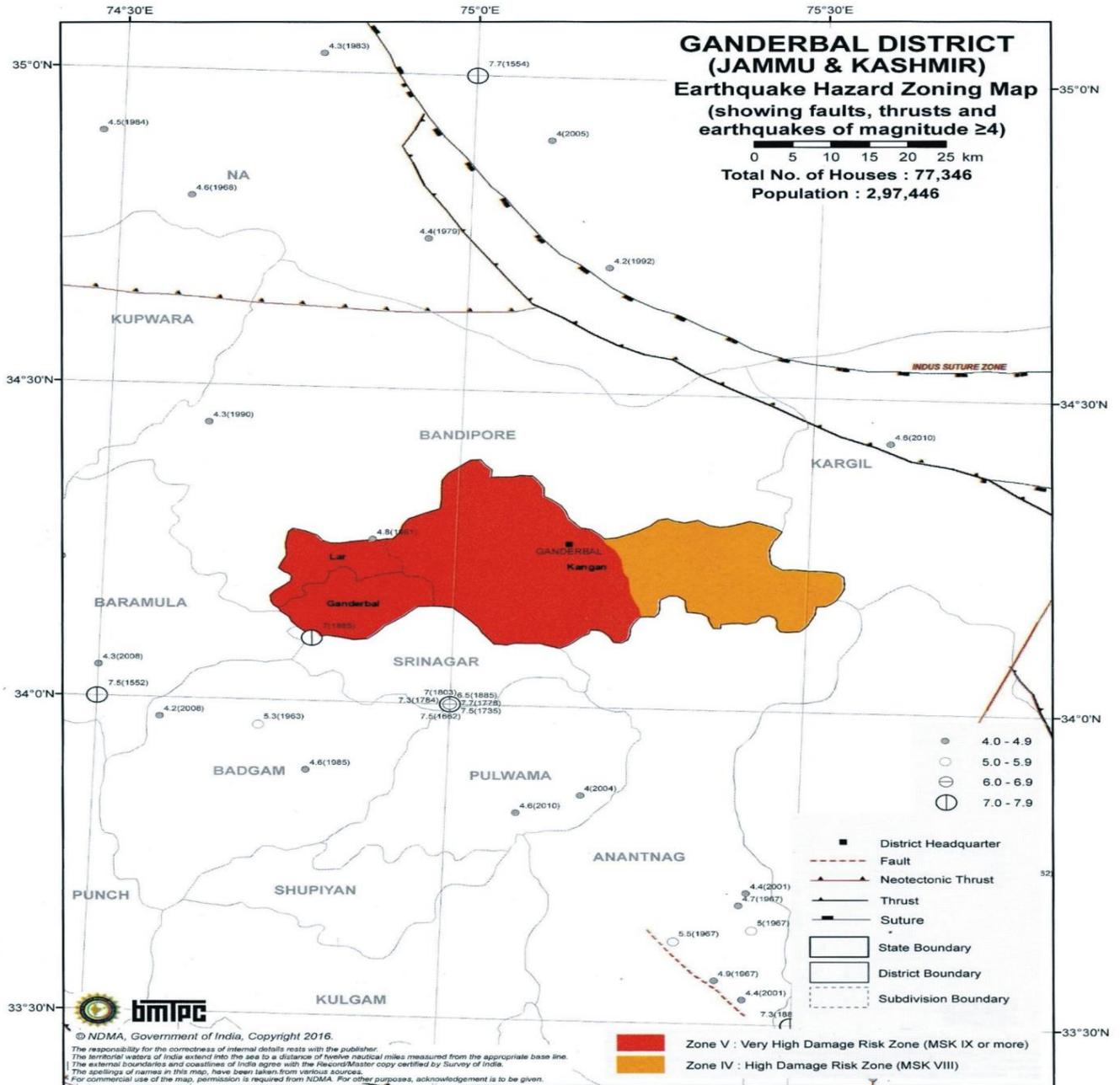
a) **In addition, if need arises, Mini Maternity centre Watlar can be established as Covid care Centre (40 Bedded)**

b) **In view of the above mentioned requirements, the below mentioned Status of Logistics /Equipments is as under :-**

Name of the item	Qyt Available	Required Qty.
Dispo Gown	500	50,000 Nos
Dispo Bed Sheets	1200	20000. Nos
N. 95 Masks	1000	15000 Nos
Face shield	500	15000. Nos
Gloves Sterilized	1000	1,00,000 Nos
PPE Kits Complet	3600	25000 Nos
VTM	4200	15000 Nos
Pulse Ox-meter	40	2000
O2 Concentrator Triple layer masks	12	100Nos
Nebulizers	06	100 nos
O2 Flow Meter	03	800Nos
Body Bags	Nil	2000 Nos
Sodium Hypochlorite	Nil	5000 Ltrs
Dispo Caps	Nil	30,000 Nos
NCT	200	500 nos
O2 Cylinder Bulk	145	200 Nos
Oxygen Cylinder Medium	84	500 Nos
Oxygen Concentrator High Flow	Nil	50 Nos
Shoes Cover	Nil	1,00,000 Nos.

Earthquake Hazard Zoning Atlas (Map) of District Ganderbal, UT J&K

Earthquake Hazard Zoning Atlas of India



74°30'E 75°0'E 75°30'E
 35°0'N 34°30'N 34°0'N 33°30'N

NDMA - BMTPC Earthquake Hazard Zoning Map. Map is Based on digitised data of SOI; Sub-Division Boundary as per Census of India 2011; Seismic Zones of India Map IS: 1893 (Part I) - 2002, BIS; Earthquake Epicentre from IMD; Seismotectonic Atlas of India and its Environs, GSI; Houses/Population as per Census 2011. "(First Edition)"
 Disclaimer: The maps are solely for thematic presentation.

In order to facilitate and provide quick response / support for rescue and rehabilitation operations during disaster in District Ganderbal. A zonal-wise Incident Response Team is hereby constituted comprising following officers/officials for said purpose :-

Incident Response Team Zone -A-Ganderbal

S.No	Name of Officer/official	Designation	Place of posting	Mobile number
01	Mr.Mushtaq Ahmad Bijard	Tehsildar	Ganderbal	9419484494
02	Mr. Imtisaal Ahmad (KAS)	BDO	Ganderbal	7006682013
03	Dr. Ishtiyaaq	BMO	Ganderbal	7006151674
04	Mr.Abdul Rehman Mir	ZEO	Ganderbal	7006311429
05	Mr. Irshad Ahmad Wani	TSO	Ganderbal	7006270500
06	Mr. Mohammad Ismail	Naib Tehsildar	Ganderbal	7006058337
07	Mr.Gulzar	Station House Officer	P/S Ganderbal	9419007372
08	Mr.Mohammad Maqbool Wagay	I/C Fire Station	Fire Station Ganderbal	7006824643
09	Shri Mohammad Hussain	Sgct-1071/SDRF	SDRF Command Ganderbal	8803966517

Incident Response Team Zone –B-Tullamulla / Lar

S.No	Name of Officer/official	Designation	Place of posting	Mobile number
01	Mr. Farooq Ahmad	Tehsildar	Tullamulla	9419272255
02	Mr. Abdul Majid Chowdhry	Tehsildar	Lar	9797311729
03	Mr.Tawfeeq Qazi	BDO	Lar	9622224747
04	Dr. Mohammad Ameen Baba	BMO	Lar	9906529227
05	Mohammad Amin Shah	ZEO	Tullamulla	7780835163
06	Mohammad Yousuf	Naib Tehsildar	Safapora	9596000961
07	Mr.Irshad Ahmad Wani	TSO	Ganderbal / Tullamulla/Lar	7006270500
08	Mr.Gulzar Ahmad	Sub-Inspr.	SHO P/S Lar	9419006700
09	Mohammad Altaf Wani	I/C (Fire Station)	Fire Station Lar	9419646384

Incident Response Team Zone –C-Wakura

S.No	Name of Officer/official	Designation	Place of posting	Mobile number
01	Mr. Umar Farooq	Tehsildar	Wakura	7006163978
03	Dr. Mohammad Ameen Baba	BMO	Lar	9906529227
04	Mr.Mohammad Ameen Shah	ZEO	Tullamulla	7789835163
	Gh. Qadir Magray	Naib Tehsildar	Wakura	7889967535
06	Manzoor Ahmad Bhat	TSO	Wakura	7006431432
07	Mr. Tariq Ahmad	Inspr	SHO P/S Safapora	9906034729 94190424558
08	Mr.Abdul Hameed Lone	I/c Fire Station	Fire Station Safapora	9541673949

Incident Response Team Zone –D-Kangan / Gund

S.No	Name of Officer/official	Designation	Place of posting	Mobile number
01	Mr. Abdul Majeed Rather	Tehsildar	Kangan	7006744406
02	Mr. javaid Iqbal (KAS)	Tehsildar	Gund	9797438983
03	Mr. Sheikh Arif (KAS)	BDO	Kangan	7006804237
04	Dr. Iqbal	BMO	Kangan	9797676687
05	Mr.Mohammad Isaq	Naib Tehsildar	Tehsil Kangan	9622798048
06	Mr.Javaid Ahmad	TSO	Kangan	9419086202
07	Mr.Fayaz Ahmad Sheikh	TSO	Gund	7006714322
08	Mr. Turk Zahoor	Inspr.	SHO P/S Kangan	9419088801
09	Mr.Abdul Rashid	S.I	SHO P/S Gund	9622431700
10	Mr.Mohammad Maqbool Shah	Fire Station Officer / I/c	Hariganwan	7889757338
11	Mr. Mohammad Shafi	Fire Station Officer/ I/c	Kangan	8899893546

**Formation of Disaster control Rooms at District Level/Sub-Divisional level/
Department**

S.No	Department	Name of officer/official	Designation	Cell No./ landline No.
01	District Control Room (Mini Secretariat) Ganderbal	Landline Nos.		0194-2416260 0194-2416229
		Dr.Zahid	Health officer	7006737747
		Mr.Showkat	Jr.Asstt	7006814781
		Mr.Mohammad Sultan	Computer Asstt	9018477702
		Mr.Aijaz	Technician	7889403619
02	Police Control Room	Mohammad Shaban	ASI	9419752269 0194-2416478
03	Traffic Police Ganderbal	1) Ghulam Nabi 2)Imtiyaz Ahmad	Head constable	7006545759
04	SDRF Command Ganderbal	Mohammad Shafi	ASI	9797285837
05	Irrigation and Flood Control Division Ganderbal	Mr.Rouf Qazi	A.E.E (T.O)	9419443985
06	PWD (R&B) Division Ganderbal	M.A.Shahmeri	Jr. Engineer	9906489952
07	Fire and Emergency Services Ganderbal	1)Zahoor Ahmad 2)Imtiyaz Ahmad	Fireman operators	0194-2416390 0194-2416060 7889430511
08	Jal Shakti (PHE) Division Ganderbal	Khursheed Ahmad	IT (CL)	0194-2416292 0194-2416262 9858896850
09	Mechanical Division Ganderbal	Er. Shaikh Bilal Ahmad	Asstt.Engineer	8825076186
10	PMGSY, Divn. Ganderbal	Rukaya Bashir	Asstt. Engineer	9797743796
11	FCS&CA Ganderbal	1)Mohammad Ismail	S.O.	8899066037
		2)Mohammad Yousuf	Jr.Asstt	7889581364
12	KDPCL-STD- Division Ganderbal	Bashir Ahmad	Technician-III	7006730356
13	KDPCL-ED Ganderbal			
14	Municipal Council Ganderbal	Mohammad Ashraf	Sanitary Inspector	7006030703
15	CMO Office Ganderbal (Health Department)	Dr.Ijtiba Shafi	Medical Officer	0194-24212644 9419070388