
Disaster Management Plan

Of

District Kulgam

(2020-21)

Prepared by

District Disaster Management Authority Kulgam

(Chairman DDMA)

Deputy Commissioner

Kulgam

DISASTER MANAGEMENT ACTION PLAN

District Disaster Management Authority

Profile of the District

Kulgam a newly created District came into existence after being carved out from District Anantnag in the year 2007. Administratively it became fully functional with effect from 2nd April, 2007. Kulgam is known for a religious saint (Syed Simnan Sahib), who gave it the name "Kulgam" ("Kul" means "clan" in Sanskrit; "gam" in Sanskrit means "village"), because he lost something in the stream. Syed Simnan came from a place called Simnan in Iran. Travelling in the Kashmir valley, he came to Kulgam and liked the spot on a cliff overlooking the river Veshaw. Nallah Veshaw which drains most of the northern face of Pir-Panchal is the main left bank tributary of river Jhelum and traverses through District Kulgam. Before, confluence of Veshaw with the Jhelum it gets broken off into a number of channels providing drinking water facilities and irrigation to huge tracts of the land of the District. Kulgam a picturesque town at 33°38'24" N 75°01'12" E nestled in the lap of Pir-Panchal Range. This town is on the bank of river veshew across the spread of which are the foothills of the Pir-Panchal Mountains. Ahrabal has meadows and a waterfall. It has its origin from a spring called KounserNaag located in the mountain range of Pir Panjaal.

Kulgam is an important place in south Kashmir. Kulgam connects, and its boundaries touch, all the three districts Shopian, Pulwama, and Anantnag of south Kashmir. The topography of Kulgam is scenic, and it is surrounded on all sides by small streams orchards; paddy farms and a scenic Kerwaha with a big portion of plan area and fields.

Kulgam is also known for its production of Rice as well as Apples. It is also called as the "Rice Bowl of Kashmir".

S. No.	Description	Unit	Magnitude
1.	Geographical Area	1067 Sq. Km	33°38'24" N 75°01'12" E
2.	Sub-Division	01	
3.	Tehsil	07	
4.	Block	11	
5.	Village	273 (6 Un-Inhabited)	
6.	Panchayat	167	
7.	Nayabats	21	
8.	Municipal Committee	04	
9.	Population	4.24 lac (as per SECC 2011)	
10.	Schedule Tribe Population	0.26 lac (as per SECC 2011)	
11	Households	73728 (as per SECC 2011)	
12.	Patwar Halqas	63	

DISASTER VULNERABILITY OF THE DISTRICT

Hazard Probability in District

S. No	Hazard	Probability of Occurrence	Areas Affected
1.	Floods	During the months of May, June, July, August & September	Whole District
2.	Snow Avalanches, Snow Storm	Winter mainly	Tehsil Devsar, DH Pora & Pahloo.
3.	Cloudburst	Autumn (September)	Tehsil Devsar, DH Pora & Pahloo.
4.	Windstorm	Autumn/Spring	Whole District
5.	Hailstorm	Spring (March-May)	Whole District
6.	Earthquakes	Any time	Whole District
7.	Landslides	Summer/Autumn	Tehsil Devsar, DH Pora & Pahloo.
8.	Lightning	Any time	Whole District
9.	Drought	Medium	Tehsil DH Pora
10.	Fire	Any time	Urban areas (congestion)
11.	Forest Fires	Autumn	
12.	Tourism/Crowd Management/ Stampede	-----	Religious places: Ziyarat Shareef Mir Syed Ali Simnani (R.A) Kulgam, Ziyarat Shareef Noor Shah Baghdadi (R.A) Waltengoo Kund, Ziyarat Shareef Rahim Sahib Bindoo (R.A) Nawa and Ziyarat Shareef Sheikh Noor ud Din Noorani (R.A) Chimmer.
13.	Biological Hazards	Any time	Whole District
14.	Mines	-----	-----
15.	Drowning	Spring/Summer	Areas along river veshaw
16.	Railway Accidents	Any time	Along railway line
17.	Road Accidents	Any time	Whole District

HISTORY OF PAST DISASTERS IN THE DISTRICT

Kulgam district has traditionally witnessed several disasters in the recent past viz floods, snow avalanches, snow storm, cloudburst, forest fire, earthquake and landslides. The disasters do not have specific locations. In fact, they tend to occur throughout length and breadth of the district affecting all and sundry. The disasters that have hit the district have left trails of death and destruction.

In 2005 ferocious snowstorm over took Waltangoo Nad- a tribal hamlet in Devsar tehsil of Kulgam district. Ferocious disaster literally devastated more than 200 houses besides burying 158 persons alive and displacing thousands of souls.

During 2014 deluge district administration in collaboration with NGOs, social organization and volunteers have not only responded to the disasters with unparalleled bravery but also recovered from the unprecedented deluge within the shortest possible time.

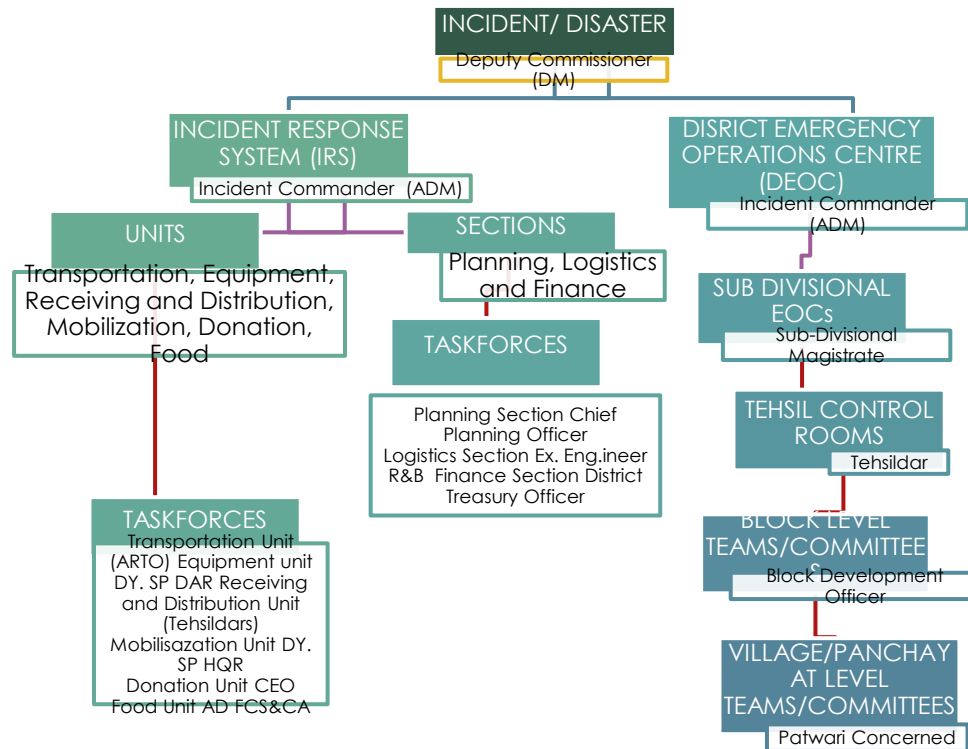
The reasons for huge losses are attributed to insufficient public awareness, lack of equipment and machinery, lack of early warning system, inadequate financial resources, unskilled human resource and lack of well-knit communication system.

The September 2014 floods claimed 05 lives besides injuries to 37 persons. As many as 3365 houses were destroyed, of which 339 were damaged fully. This apart 7799 livestock heads were dead, in addition 11867 kanals of land was completely washed away while crops of 3.5 Lac kanals of land witnessed destruction. On infrastructure side 35 bridges, 121.57 road length, 158 water supply schemes, Ht/LT and Sub-stations of Power development department were destroyed affecting across length and breadth of district.

INSTITUTIONAL MECHANISM

The Revenue department of the district would be the Nodal Department for disaster response which includes the coordination with 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:



DISTRICT DISASTER MANAGEMENT AUTHORITY AND OTHER COMMITTEES

The District Disaster Management Authority is in place, as per SRO 138 dated 23.04.2007. However, it has been reframed vide SRO-225 dated 29.05.2017 of Disaster Management, Relief, Rehabilitation & Reconstruction Department, J&K and the same has been reflected in the updated District Disaster Management Plan.

In addition to the District Disaster Management Committees, Block Level as well as Village/Panchayat Level Committees have also been put in place.

DISTRICT DISASTER MANAGEMENT AUTHORITY

I.	Deputy Commissioner	Chairperson
II.	Additional Deputy Commissioner	Member/CEO
III.	Superintendent of Police	Member
IV.	Chief Medical Officer	Member
V.	Executive Engineers of R&B, PHE, IFC, EM&RE, MED	Members
VI.	Assistant Director FCS&CA	Member
VII.	Deputy Director Fire & Emergency Services	Member
VIII.	District Disaster Management Officer (HQA to DC) Secretary	Member
IX.	Executive Officer Municipal Committee	Member
X.	In-charge SDRF Component	Member

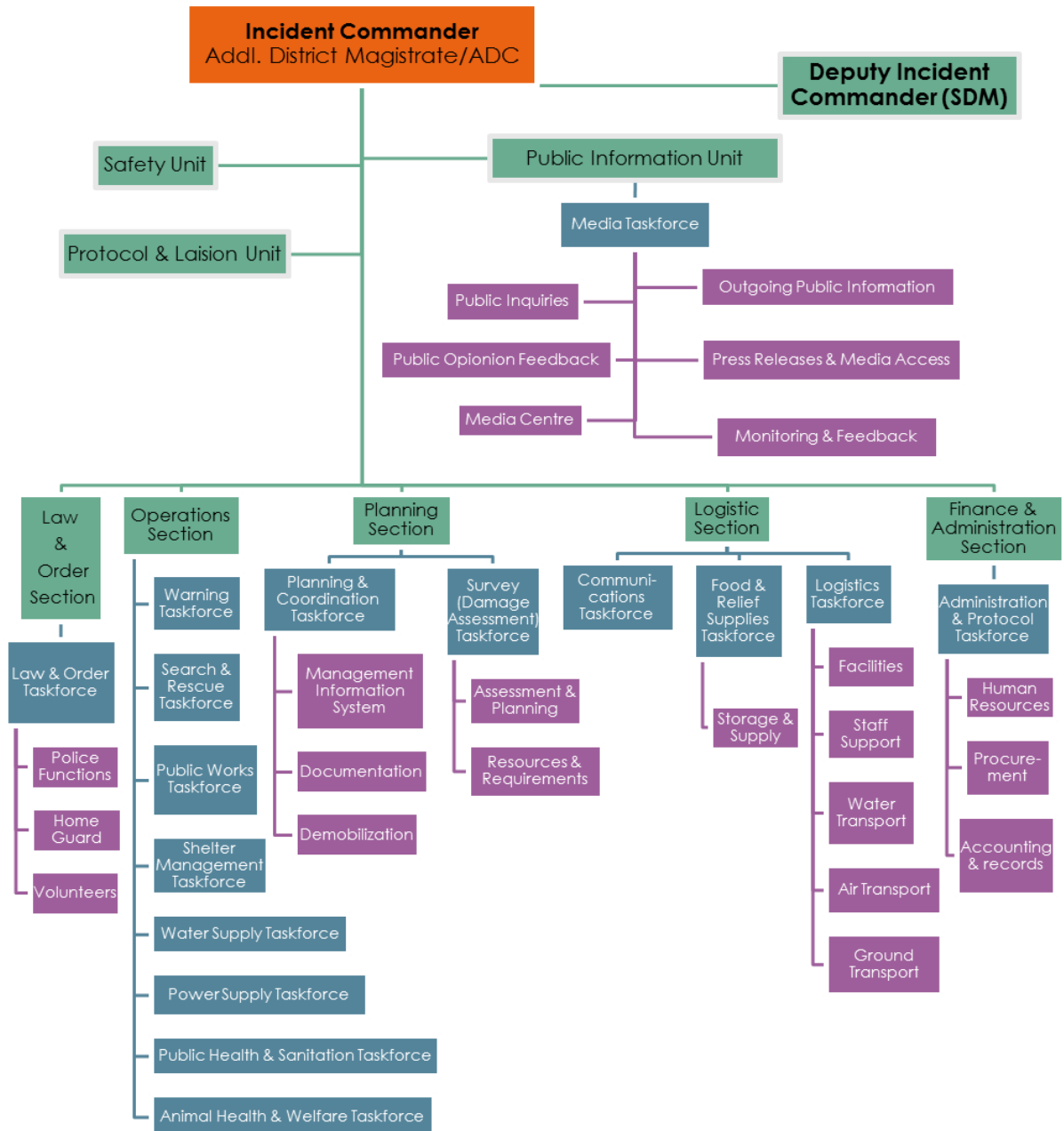
TEHSIL LEVEL DISASTER MANAGEMENT COMMITTEE

- | | | |
|-----|-----------------------------------|----------|
| 1. | Tehsildar | Convenor |
| 2. | Block Development Officer | Member |
| 3. | Block Medical Officer | Member |
| 4. | Child Development Project Officer | Member |
| 5. | I/C Police Station | Member |
| 6. | I/C SDRF Component | Member |
| 7. | Tehsil Supply Officer | Member |
| 8. | Jr. Engineer R&B/PDD/RDD/I&FC/PHE | Member |
| 9. | Municipal Ward Officer | Member |
| 10. | Concerned Auqaf President | Member |

VILLAGE LEVEL DISASTER MANAGEMENT COMMITTEE

- | | | |
|----|--|----------|
| 1. | Patwari Concerned | Convenor |
| 2. | Panchayat Secretary (VLW) | Member |
| 3. | Supervisor Child Care Development | Member |
| 4. | Lumberdar | Member |
| 5. | Chowkidar | Member |
| 6. | AASHA Worker | Member |
| 7. | Head of Auqaf /Mohalla Committee, etc. | Member |
| 8. | Community Volunteers | Member |
| 9. | Local NGO | Member |

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:-



EMERGENCY OPERATION TASK FORCES

The District administration of Kulgam 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 Unit	Section/
1.	Planning & Coordination	Coordinate early warning, Response & Recovery Operations	District Collector/ DM	Deputy Director Planning, 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	Assistant Commissioner Development, 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	Sr. Superintendent of Police	Assistant Commissioner Revenue (ADM), Dy. SP SDRF	Law & Order	
5.	Search & Rescue (including Evacuation)	Provide human and material resources needed to support local evacuation, search and rescue efforts	Dy. SP SDRF	Deputy Director Fire & Emergency Services, Deputy Superintendent of Police (DAR)	Operations	
6.	Public Works	Provide the	Superintendent	Executive	Operations	

		personnel and resources needed to support local efforts to reestablish normally operating infrastructure	g Engineer PW (R&B)	Engineer, Assistant Executive Engineer /Jr. Engineers (concerned)	
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	Executive Engineer PHE	Assistant Executive Engineer, PHE Chief Medical Officer, Assistant 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	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	Executive Engineer, PDD	Assistant Executive Engineer, Assistant Engineer /Jr. Engineers (concerned)	Operations
10.	Public Health and Sanitation	Provide personnel and resources to address pressing public health problems and re-establish normal health care systems	Chief Medical Officer	Community Health Officer, Block Medical Officers, Executive Officers of Municipal Committees	Operations
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	Operations

				(concerned)	
12.	Shelter Management	Provide materials and supplies to ensure temporary shelter for disaster-affected population	Executive Engineer, R&B	Assistant Executive Engineer (R&B) Assistant 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,	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	Planning

				Assistant Surgeons	
15.	Communi-cations	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, Dy. SP Telecom, 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 shall activate & operate their respective control rooms in their offices, manned by a competent person, who is proficient in communication and technically capable of coordinating with District Control Room, EOC, ERC, Tehsil/Block Level Control Room and mobilize requisite resources to the disaster site.

Facilities at Taskforce Control Rooms

The following facilities should be maintained inside TFCR:

- Telephones
- Facsimile
- Satellite Phone
- Hand held Radios/Base Stations
- Marker Board
- A copy of each Disaster Management Plan and Taskforce Action Plan
- Other relevant documents, if any.

All the Taskforce leaders shall act as per the devised SoPs mentioned in the District Disaster Management Plan in case of any disaster.

PREPAREDNESS MEASURES

DISTRICT DISASTER MANAGEMENT PLAN:-

- ✓ District Disaster Management Plan-2018 along with SOPs, Evacuation, Rescue & Relief Plan, Contact Directory and Resource Inventory has been formulated and uploaded on official website of District
- ✓ District Disaster Risk Reduction Plan stands also formulated.
- ✓ Draft School Safety & Disaster Management Plan for District has been formulated.

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 Department, 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.

DETAILS OF RESOURCES AVAILABLE IN DISRICT

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.

Table5.1Resource availability

Resource Mapping	✓ Resources/equipments	Pneumatic lifting bags, Hydraulic spider, Hydraulic cutter, E/C bags, Snow ploughs, Snow cats, Snow cutter, Diesel Road Roller, Air compressor, Tandem Roller, Soil compacker, Extension ladder, Lifebuoy tube, Shovel, Spade, Pick axe, Hammer, Crowbar, Lighting tower, Rubber gloves, Search light, Breathing apparatus, Ropes Door Breaker, Petrol Chainsaw, Fire Beater, PRT, Ceiling hook, Flood light projector, Canvas gloves, Carpenter saw, Rubber boats, Life saving jackets, Ambulances, Tractor, JCB
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		Tipper, Loader.
	✓ Human resources	Volunteers-300 NGO-03 Education Department – 185 SDRF – 100 Red Cross – 20 Health – 1000 Irrigation – 235 Flood control – 30 Flood Civil Supplies – 15 Fire and Emergency services – 92 Mechanical – 32 ARTO – 11 PDD - 325

Table5.2 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. 	Addl. Deputy Commissioner; 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 Department; 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, Education Department, 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 on the official website of District Kulgam and the same will be updated annually.

COMMUNICATION PLAN HAS BEEN FORMULATED SEPARATELY.

EMERGENCY CONTACT NUMBERS

Designation	Name	Office Contact No	Official Residence No
District Collector (Responsible Officer)	Showkat Aijaz Bhat	01931260500 01931260499	
Additional Deputy Commissioner (Incident Commander)	Showkat Ahmad Rather	01931260416	
Superintendent of Police,	Gurinderpal Singh	01931260253 01931260160	
Assistant Commissioner Revenue	Imtiyazul Aziz	01931260386	
SDM Noorabad	Umar Shafi Pandith	9419481000	
Ex. Engineer Flood Control	Mukhtar Ahmad	01932222870	
Ex. Engineer Irrigation	Mushtaq Ahmad	9419133099	
Ex. Engineer R&B	Mohd Sidiq	01931260049	
Chief Medical Officer	Fazil Ali Kochak	01931260388	
Ex. Engineer PDD	Mohd Khalil Ahanger	9419171143	
Assistant Commissioner Development	Mohd Imran Khan	01931260188	
AD FCS&CA	Manzoor Ahmad	01931260120	

FLOOD PREPARATION

Flood Duty Chart has been formulated by the Flood Control Division Kulgam, wherein 08-member District Coordination Committee has been framed with District Development Commissioner as its Convener, as reproduced below.

S. No.	Designation of Officer	Assignment
01.	District Development Commissioner	Convener
02.	Addl. District Development Commissioner	Member
03.	Sr. Superintendent of Police	Member
04.	Executive Engineer, PHE	Member
05.	Executive Engineer, R&B	Member
06.	Ex. Engineer Flood Control Division Kulgam	Member Secretary
07.	Executive Engineer PMGSY	Member
08.	Chief Medical Officer	Member

Moreover, Flood Control Division has identified --- locations in the District which are prone to floods, as experienced during the deluge of September 2014, as under

1	Khrewan	22	Laiso	43	Redwani Bala
2	Larm Ganjipora	23	Rangrez Pora	44	Redwani Payeen
3	Khudwani	24	Kharpor Nowpora	45	Damidullah
4	Wanigund	25	Chanpora	46	Nowbal
5	Thokerpora Qaimoh	26	Chanagam	47	Yaripora
6	Akhren	27	Gandarbal	48	Shirpora
7	Patten	28	Batpora	49	Sheikh Mohalla Kulgam
8	Agroo	29	Kalipora	50	Kujar Partly
9	Nowpora Akhran	30	Hawora	51	Kaladrung
10	Zangalpora	31	Qaimoh	52	Ghat
11	Chattabal	32	Guffbal	53	Baghi Sakloo
12	Aadpora	33	Khrewan Khurd	54	Nehama
13	Kanchowa	34	Hanzpur	55	Boh
14	Mah	35	Babapur	56	Chimmer
15	Bata Tachlo	36	Berigam	57	Ahmadabad
16	Kujar	37	Panipora	58	Ladgoo
17	Vedow Mishpora	38	Arigutno	59	HS Bugh
18	Wanpora	39	Chumbgund	60	Matibugh
19	Rahpora	40	Mirhama	61	Turigam
20	Bagh I Wanpoh	41	Checkpora	62	Bun Parigam
21	Kilem Gund	42	Ashmuji	63	Bozgam

TEHSIL FLOOD COMMITTEES KULGAM

After identifying the flood-prone areas through proper survey and vulnerability mapping, Magistrates have been designated for each Tehsil. The Officer In-charge shall have the responsibility of verifying and assessing the damages caused due to the flood and communicating the same to the higher authorities for immediate necessary action:-

S. No	Jurisdiction	Name of the Magistrate	Headquarter	Supporting Members
1	Tehsil Kulgam		Kulgam	i. Block Veterinary officer, Kulgam ii. SDAO Kulgam iii. HDO Kulgam iv. ZEO Kulgam.
	1.	(Tehsildar)		
	2.	(Naib Tehsildar)		
2	Tehsil Devsar		Devsar	i. Block Veterinary Officer, Devsar ii. HDO Devsar iii. ZEO Devsar iv. CDPO ICDS Pahloo
	1.	(Tehsildar)		
	2.	(Naib Tehsildar)		
3	Tehsil DH Pora			i. Block Veterinary Officer, DH Pora ii. HDO DH Pora iii. ZEO DH Pora iv. SDAO DH Pora
	1.	(Tehsildar)		
	2.	(Naib		

		Tehsildar)		v. CDPO ICDS DH Pora
4	<u>Tehsil Frisal</u>	(Tehsildar)	Frisal	i. SDAO Qaimoh ii. HDO Qaimoh iii. CDPO ICDS HS Bugh iv. ZEO Yaripora v. Block Veterinary Officer, Qaimoh
5	<u>Tehsil Pahloo</u>	(Tehsildar)	Pahloo	i. BVO Kulgam ii. BDO Pahloo iii. ZEO Devsar iv. CDPO ICDS Pahloo v. SDAO Kulgam
6	<u>Tehsil Yaripora</u>	(Tehsildar)	Yaripora	i. BVO Yaripora ii. ZEO Yaripora iii. HDO Yaripora iv. CDPO ICDS HS Bugh
7	<u>Tehsil Qaimoh</u>		Qaimoh	i. BVO Qaimoh ii. HDO Qaimoh iii. SDAO Qaimoh iv. BDO Qaimoh v. ZEO Qaimoh
	1.	(Tehsildar)		
	2.	(Naib Tehsildar)		

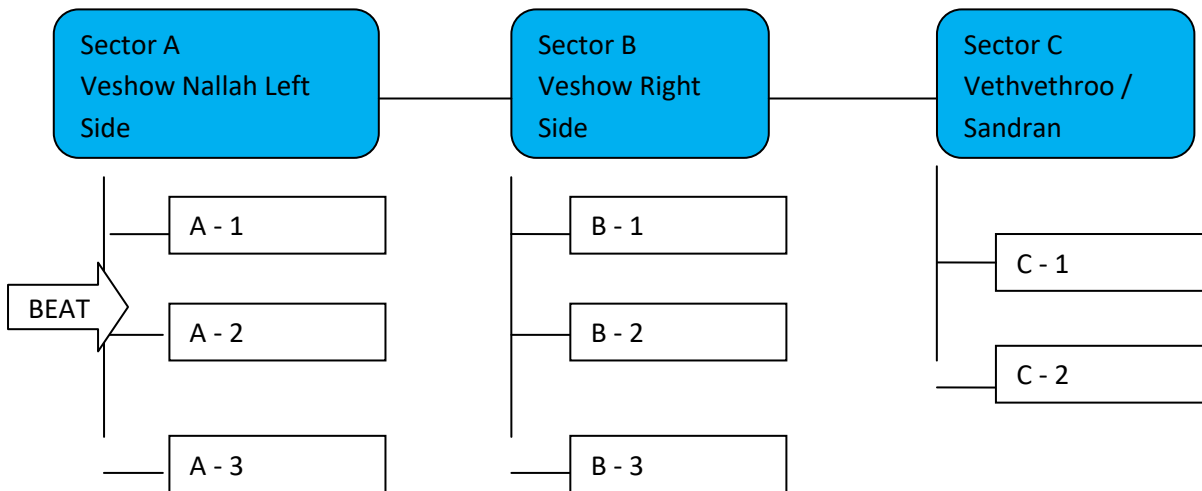
ZONAL FLOOD COMMITTEES KULGAM

Zonal flood committee, Kulgam shall have jurisdiction comprising of Nallah Veshew, right bank from D/s Nehama Bridge to Nayina including Vethvethroo nallah from Mandhole and Sandran nallah D/s Veshew and left bank from D/s Nehama bridge to Nayina Sangam. Zonal committee shall monitor the working of sector officers/beat officers detailed for duty in the jurisdiction. Zonal committee shall have 03 sector officers for the entire jurisdiction of Kulgam.

The sector officers shall monitor the working of various beats falling under their respective sector by patrolling the jurisdiction allotted. Sector officers shall maintain a complete record of materials lifted/consumed in various beats and shall ensure the return of un-used articles after flood duties and shall submit a detailed report/ accounts of consumed items to member secretary.

The beat officers shall ensure the gearing up of staff

SECTORS/ BEATS OF FLOOD ZONAL COMMITTEE



FLOOD DUTY CHART OF SECTORAL OFFICERS

Sector	Jurisdiction	No. of beats	Headquarter	Day shift	Night shift
A	Veshew nallah left side from D/s Nehama Bridge to Naina Sangam	03	Police Station Kulgam	Ex. Eng. PHE Division Kulgam	Ex. Eng. R&B Division Kulgam
B	Veshew nallah right side from D/s Nehama Bridge to Naina Sangam	03	PP Qaimoh	Ex. Eng. PHE Division Qazigund	Ex. Eng. R&B Division Qazigund
C	Nallah Vethvethroo from Mandhole and Sandran Nallah D/s Vessu	02	PP Mirbazar	Ex. Eng. PMGSY Division Kulgam	AEE PMGSY Sub-Division Anantnag

FLOOD DUTY CHART OF BEAT OFFICERS

Beats	Jurisdiction	Headquarter	Day shift	Night shift
A-1	Veshew nallah left side D/s Nehama Bridge to U/s Brazullah Bridge	Police Station Kulgam	AEE PHE Sub-Division Kulgam along with his JEs, SDC and Two No. officials.	AEE Flood control Sub-Division Kulgam along with his SDC and Two No. officials.
A-2	Veshew nallah left side D/s Brazullah Bridge to Khudwani	PP Qaimoh	AEE R&B Sub-Division Kulgam along with his JEs, SDC and Two No. of officials	AEE PMGSY Sub-Division Kulgam along with his JEs, SDC and Two No. of officials.
A-3	Veshew nallah left side D/s Khudwani to Nayina Sangam	Police Station Bijbihara	BDO Frisal along with his JEs, SDC and Two No. of officials.	BDO Qaimoh along with his JEs, SDC and Two No. of officials.
B-1	Veshew nallah right side D/s Nehama Bridge to U/s Brazullah Bridge	Police Station Devsar	BDO Devsar along with his JEs, SDC and Two No. of officials.	BDO Pahloo along with his JEs, SDC and Two No. of officials.
B-2	Veshew nallah right side D/s Brazullah Bridge to Khudwani	PP Mirbazar	AEE Irrigation Sub-Division Banimullah along with his JEs, SDC and Two No. of officials	AEE R&B Division Qazigund along with his JEs, SDC and Two No. of officials
B-3	Veshew nallah right side D/s Khudwani to Nayina Sangam	Police Station Bijbihara	AEE PHE Sub-Division Qazigund along with his JEs, SDC and Two No. of officials	NT Wanpoh along with his two no. of officials.

C-1	Nallah Vethvethroo from Mandhole to Sakloo	Grid Station Wanpoh	AEE Irrigation Sub-Division Qazigund along with his JEs, SDC and Two No. of officials	AEE R&B Sub-Division Verinag along with his JEs, SDC and Two No. of officials
C-2	Sandran nallah left side D/s Vessu to Harnag	Grid Station Wanpoh	AEE JKPCC Kulgam along with his JEs, SDC and Two No. of officials	BDO Vessu with his JEs, SDC and Two No. of officials

CAPACITY BUILDING

TRAINING OF VOLUNTEERS

All the 300 Village Community Volunteers have been identified by the concerned Tehsildars. Moreover, 185 volunteers Education Department, 100 SDRF Volunteers, 20 Red Cross, 45 Health Department have been identified. The list of the same has been received by this office. The training will be provided in consultation with Disaster Management, Relief, and Rehabilitation & Reconstruction Department. List of Volunteers has been incorporated in the Resource Inventory of the District.

200 volunteers have undergone 1-day Training Programme by Army, SDRF component Kulgam.

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 SDRF Component Kulgam and NGOs.

In the year 2017-18, 12 programmes have been conducted by the DDMA, Kulgam in various parts/institutions of the District.

Moreover, Chief Education Officer Kulgam 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 SOPs at 3.3.3.3 above, 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.

DETAILS OF SHELTER HOMES

Tehsil Kulgam: Govt. Degree College, Kulgam, Govt. HSS Girls, Govt. ITI Chowalgam.

Tehsil DH Pora: Govt. Degree College DH Pora, Govt. HSS DH Pora, Govt. HSS Manzgam.

Tehsil Devsar: Govt. HSS Devsar, Govt. High School Chowgam, Govt. Degree College Kilem.

Tehsil Pahloo: BDO Office Pahloo, Govt. High School Pahloo.

Tehsil Yaripora: Govt. HSS Boys Yaripora.

Tehsil Frisal: Govt. HSS Frisal.

Tehsil Qaimoh: Govt. High School Chadder.

have been identified as shelter homes in case of exigencies. Further, the heads of above mentioned Colleges/Hr. Secondary's/ High Schools shall act as Nodal Officers for overall arrangements/facilities like Bathroom, Latrine, Drinking water, Relief items, Blankets etc. Besides 108 Govt. school buildings have been nominated as rescue centre's.

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 (eatables), 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.	Establishment of Emergency Operation Centre
02.	Early Warning System
03.	Establishment of Training Centre
04.	Strengthening of DDMA