

**Subject:- Minutes of meeting held regarding preparedness/arrangements to combat with flood situation.**

Divisional Commissioner, Kashmir, took a meeting with regard to subject matter on 30.04.2021 in meeting hall of this office retain.

**Following officers participated in the meeting:**

1. All Deputy Commissioners (through VC).
2. Director, FCS& CA Kashmir.
3. Director ULB, Kashmir.
4. Chief Engineer, I&FC, Kashmir
5. Chief Engineer, PHE, Kashmir.
6. Chief Engineer, PW (R&B), Kashmir.
7. Commandant, SDRF.
8. Commandant, 144 BN, CRPF.
9. Superintending Engineer, Hydraulic, Sgr/Gbl.
10. Superintending Engineer, UEED.
11. Dy. Director, Tourism Deptt. Kashmir.
12. Deputy Director, Health Services Kashmir.
13. Dy. Director F&ES, Kashmir.
14. ASP, Traffic City.

At the outset, Divisional Commissioner requested the Chief Engineer, I&FC to apprise the participants through PPT by Chief Engineer, I&FC, Kashmir about the flood preparedness to counter any flood threat in the Kashmir Valley. Chief Engineer, I&FC Deptt. Kashmir through appraised that following measures have been taken after the flood- 2014 in Kashmir Valley:-

1. **Prime Ministers Development Programme:** Govt. of India decided with the MoJS, GoI that a "*Priority Flood Management Project*" shall be formulated for urgent works which could be executed immediately as PHASE-I. Under Short Term Measures and PHASE-II.

Under Phase-I "Priority works – Comprehensive Plan for Flood Management Works on Jhelum : Phase-I" costing Rs.399.29 Cr (Presently under execution) and Under Short Term Measures - Phase-II (To mitigate a flood threat of 60,000 Cusecs at Sangam). Department in JAN-2019 submitted the DPR for Rs. 5411.54 Cr to CWC for appraisal.

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However as advised by the CWC, the DPR was bifurcated into 2 parts, of which part-A costing Rs. 1623.43 Cr. under PMDP has been submitted which has been approved by the CWC MoJS & part-B shall be costing Rs.3628.28 Cr.

2. Flood Preparedness and monitoring System.
3. Real-time monitoring system.
4. Advisory Dissemination Modules, through Radio, TV, Social Media (Facebook, Twitter). Besides, Mobile Application, TWITTER HANDLE of the department also is used to give flood related information to masses (Twitter handle @ifckashmir) (2600+ Followings).FACEBOOK PAGE of the department was already available prior flood of Sept 2014, which is currently been followed by 30,400 users. (fb.com/ifckashmir).An Android app "IFC Kashmir Flood Alert" has been also launched to keep the general masses updated regarding the latest Water levels at Sangam, Ram Munshibagh and Asham. The same is being upgraded with advanced features during current Year which has 10000+ downloads. The same is being anticipated to be ready by July 2020.
5. **CENTRAL WATER COMMISSION, New Delhi: Forecast of Hydrographs** developed through software are provided from the FFM (Flood Forecast Monitoring) Directorate CWC, New Delhi at the times of floods & is being tweeted by them continuously. However there is a Mismatch in the important parameters b/w the department & CWC, which has been taken up with them many a times, but no action has been initiated by CWC till date.
6. **Collaboration with other departments. IMD, Srinagar: India Meteorological department's Doppler Radar & Automatic Weather/Rain Gauge stations** are used to get the real time data which helps in assessing any adverse situation before hand.

Thereafter, the chair was appraised that department has proposed Installation of following equipment/machinery through JTFRP (World Bank – PMU) :- (HYDRO-METROLOGICAL ACTION PLAN):

- I. To install 11 Automatic Water level Recorders (AWLR) stations on River Jhelum & 23 AWLR Stations on various tributaries.
- II. To install 13 Automatic Rain Gauges (ARG) in various catchments to record & communicate the real time rainfall data.

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- III. To install 20 Acoustic Doppler Profilers (ADP) or WVRS to record & communicate the real time discharge (flow) of Jhelum at 9 Stations & of various tributaries at 11 Stations.
- IV. Procurement of other essential equipments for field & office work.
- V. To construct 102 Guard rooms for watch & ward of 34 AWLR Stations. 13 ARG stations & 9 ADCP stations.
- VI. The Project is currently under the tendering stage & is awaiting World Bank Approval (Reportedly on the back burner)

After thread bare discussion and deliberations following instructions were passed on :

S.No	Issue	Directions	Action by
1.	Establishment of Control Rooms	The Chair directed that interdepartmental Flood control rooms shall be established at all District Headquarters. Chief Engineer, I&FC, Dept. Kashmir shall formulate flood duty chart of officers/employee for Flood Control Rooms well in advance for providing effective response and coordination among Engineering and Administrative wings in the event of flood threat.	All DCs/SSPs/HODs/CE I&FC
2.	Conduct of Mock drills	The Chair directed that mock drills shall be conducted immediately to gear up the staff deployed for flood duty and create awareness among the general public. The staff deployed shall be made aware of the activities to be carried out during any flood situation and general public shall be taken on board during the drill. The mock drills shall be conducted under the supervision of Addl. Dy. Commissioner of the concerned district.	All DCs/ADCs/SDR F/NDRF/NCC/NSS/Red Cross/I&FC
3.	Audit of river/Nallah banks	I&FC shall immediately conduct the extensive audit of river and Nallah banks in Srinagar City and Kashmir Valley. Immediate measures/repairs of vulnerable spots/weak embankments of river/nallahs shall be done to avoid any breach on the embankments.	CE I&FC

4.	Availability of flood mitigation resources	I&FC Department Kashmir shall ensure adequate procurement/ availability of flood mitigation resources like geo-bags, filled sand bags etc well before the start of rainy season.	CE I&FC
5.	Resource Audit/ Updation.	All the Deputy Commissioner shall ensure audit and updation of resource inventory/equipments within a week's time on Indian Disaster Response Network.	All DCs/Nodal Officers/EP CS
6.	De-silting of Flood basins and drains	SMC/ULB shall immediately take up desilting process of the choked drains in Srinagar City and towns in Kashmir Valley. Besides, I&FC shall also immediately start the process of desilting of flood basins and streams/Canals in Kashmir Valley.	Com SMC/ Dir. ULB CE I&FC.
7.	Availability of Essential Commodities in floods.	FCS&CA Department , Kashmir shall immediately prepare plan with regard to arrangement/distribution of essential commodities in the flood hit areas and flood rescue centres (whenever required).	Dir. FCS&CA Kmr.
8.	PA System	Vehicle mounted Public Address systems shall be utilized by the District administration/ Police, Flood Committee for sensitization of general public. Besides, traditional method shall also be adopted for the same.	All DCs/SSPs Flood Committees
9.	Availability of Shikars/ Boats	Deputy Commissioners/SSPs, Director Tourism, VC LAWDA shall ensure availability of ample No. Of shikaras/Boats in case of floods. Moreover, SDRF/ NDRF /Police/CRFP shall also ensure availability of boats as well for the rescue purpose during the floods.	All DCs/ SSPs/Dir Tourism/ VC LAWDA/ SDRF/ NDRF/ CRPF.
10.	Availability of drinking/portable water	Public Health Engineering Department Kashmir shall ensure availability of clean drinking water to all the rescue centres /shelters identified by the Deputy Commissioner.	CE PHE
11.	Availability of Medicines	Director Health Services Kashmir shall also	Dir. HSK.

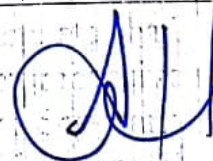
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		ensure availability of Mobile Medical camps and medicines at the designated flood rescue centres/shelters in case of floods in the Valley.	
12.	Dissemination of templates	I&FC Deptt. Kashmir shall frame standard dissemination templates regarding the flood warning/declaration/ mitigation etc for circulation among the public by District Administration.	CE I&FC Kmr.
13.	SDRF/NDRF	Commandant SDRF/NDRF shall audit their men and machinery well before the onset of the flood season in Kashmir.	Comdt. SDRF/NDRF
14.	up-dation of database of population & rescue centers.	The Chair directed that all the DCs/ I&FC shall identify and update data base of population and rescue centres in low lying areas of Kashmir Valley.	All DCs/CE I&FC.
15.	Security Cover to property of evacuated area	The Chair directed that while evacuating the population of flood affected area a security cover shall be given by the police to that particular area so that any theft/mishap shall not occur.	IGP kmr/All SSPs
16.	Highmast lights/ Electricity	PDD shall also ensure availability of Electricity/ gensets in all Flood rescue camps. Moreover, SMC/PDD/ULB shall ensure erecting of high mast lights in the flood rescue camps /shelters in case of floods.	Com SMC/Dir. ULB/CE KPDCL
17.	Vital Installation	The cChair directed that all the vital installation having the threat of inundation viz. Telephone exchange, Hospital, Police Stations , Essential Commodities Godowns etc etc shall be immediately identified and a comprehensive plan with regard to their shifting and functioning shall be formulated so that general public shall not suffer during and after the flood for want of such facilities. Moreover, SKIMS/GMC shall prepare plan for shifting of vital installation, equipment, machinery from ground floor at times of flood.	All DCs/SSPs/ Dir. SKIMS/Pr. GMC, HODs/CEs.
18.	Involvement of PRIs	PRIs shall be roped in to the mock drills and flood mitigation efforts by all the Deputy Commissioners and HODs ,	All DCs/HODs
19.	Availability of	SMC/ULB shall provide the mobile toilets at	Com

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	Mobile toilets at rescue centers.	the flood rescue centres /shelters in case of floods.	SMC/Dir. ULB.
20.	Positioning of dewatering pumps.	SMC shall preposition all the dewatering pumps in Srinagar city to counter any threat of inundation. Besides, Fire and Emergency services/ULB shall also utilize their water pumps for the purpose (whenever required).	Com SMC/Com ULB/ Dy. Dir F&ES.

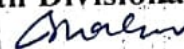
Before culminating the meeting the Chair impressed upon all the participants to have the flood meetings/mock drills at their levels and informed that after Eid, viz 15.05.2021 a detailed meeting/review shall be conducted for which all the preparations shall be done.

The meeting ended with vote of thanks to and from the Chair.

  
Ashiq Hussain Malik  
Deputy Director (E&S)

With Divisional Commissioner Kashmir

No. Divcom/Dev/194/2021.

 Dated: 17.05.2021

**Copy for information and necessary action to the:**

1. IGP, Kashmir Zone, Srinagar for inf. n/a please.
2. IG, CRPF, Srinagar /Ops.
3. Director SKIMS.
4. Principal GMC Srinagar.
5. All Deputy Commissioners/ SSPs.
6. Commissioner, SMC.
7. Director, FCS&CA/ULB/Tourism/Health Services Kashmir.
8. VC LAWDA.
9. Chief Engineer, KPDCL/ PHE/R&B/I&FC/UEED, Kashmir.
10. GM BSNL.
11. Commandant SDRF/NDRF.
12. Dy. Fire & Emergency Services, Kashmir.
13. Private Secretary to Chief Secretary, for inf. of Chief Secretary.
14. DIO, Srinagar with the request to upload the minutes on official website of Divisional Commissioner, Kashmir.
15. Private Secretary to Secretary to Govt. DMRRR, Civil Sectt. Srinagar.
16. Private Secretary to Secretary to Govt. Jal Shakti, Deptt. Civil Sectt. Srinagar.