

DISTRICT FLOOD CONTINGENT PLAN 2017 IN DISTRICT HOSHIARPUR

Hoshiarpur district lies at the foot hills of Shivalik Range with River Beas and Sutlej flowing North and South of it respectively. It is predominantly covered by Choes, Nallahs and Bein at large number of places. A major portion of Hoshiarpur Distt. Lies on the L/S of River Beas, It has an area of 3392 sq. km and a population as per 2011 census of 15,86,626. The Distt. Comprises of four Sub-Divisional (Tehsils),ten development blocks & eight Muncipal Councils.

It is predominantly a rural distt. With 11, 1251848 Rural and 334778 Urban population. Despite this the literacy rates is the highest in state at 88.8%.

As compared to other district of Punjab, Hoshiarpur has the large topographic variety. The Shivalik hills with North East alignment, run almost through out, the flood plans of the Beas & Sutlej constitute remaining part of the distt. Thus Hoshiarpur district has mountainous area, plains, alluvial land as well as Bet area. The hill tracks known as “Kandi” cover roughly one half of the distt. The variety of topography has been the main cause for the backwardness of the district.

During rainy season, seasonal rivulets locally known as “Choes” emanates from the foot hills of lower Shivaliks and causes immense damage by deposition of debris on culturable land and erosion of the fertile land. The main problem in the Kandi area village pertains to availability of water both for drinking and for irrigation purpose. In view of the typical problem in Kandi area special Govt. scheme some of them aided by the “World Bank & NABARD have been taken up.

RAIN FALL DATA

Data showing average Rainfall in the Distt. During the year 2000,2001,2002,2003,2004, 2005, 2006, 2007,2008,2009 , 2010 ,2011, 2012 , 2013 , 2014 , 2015 and 2016 is as under:-

Year	Rainfall (In mm)
2000	474.30
2001	694.00
2002	285.04
2003	477.11
2004	439.04

2005	547.38
2006	525.80
2007	326.20
2008	817.30
2009	894.39
2010	588.00
2011	465.03
2012	315.92
2013	223.10
2014	558.00
2015	609.00
2016	

DRAINAGE SYSTEM IN HOSHIARPUR DISTRICT

The geographical features of the distt. area such that it is entirely bound by river Beas on the North as well as North-west side. The highest point of the lower Shivalik is the boundary between the dist. Hoshiarpur and Himachal Pradesh. A large number of water shed slopes towards the south. Nearly 109 choes (seasonal streams) flow from these water sheds and fall into two drainage system called the white Bein and Black Bein falls in river Beas. 13 choes have been grouped together to form Dasuya-Langerpur ground of choes. Similarly other 3-4 choe have been combined together to form the Mehangerwal Choe, Nasrala Choe, Mehlanwali Choe. The remaining choes are left uncanalised except for a few local protection works. Due to the steep gradient of the watershed and the choes, heavy precipitations of rain-falls cause havoc in the sub mountainous are of the distt. When the Pong Dam and Bhakra Dam are forced to release huge volume of water beyond their retaining capacities it cause floods in river Sutlej & Beas.

RIVER BEAS:- There was no serious problem along Bein Bandh of river Beas during the flood 2016 as the rains were scanty. There was not problem to the spill bandh constructed on the L/S of River Beas opp. V. Haller Janardhan, and Sanial in Teh. Mukeriam. The flood protection works such as spurs, studs, revetment & shanks of Bandh constructed at vulnerable sites remained safe except minor settlement. There are

5 most vulnerable sites like Naushehra , Begpur, Ganduwal, Rara and Tahli where river current is flowing almost along the bandh and eroding the berm and Agriculture land continuously. In addition to above Passi Bet Site is also vulnerable as the village abadies very close to this site. To protect these sites from floods, a proposal has been prepared and submitted to Govt. through Deputy Commissioner Hoshiarpur for approval and release of funds.

CHOES

As there was heavy rain during the year 2016 & there was heavy discharge in the choes with the result that choes bandhs were damaged / washed away. Some urgently required works were carried out on Khads/choes in Distt. Hoshiarpur . The list of flood prone and vulnerable sites is enclosed as Annexure “A”. The 1st and 2nd Priority wise list of flood protection works to be executed before the flood of 2017 amounting to Rs.1213.69 lacs and Rs. 300.00 Lacs = 1513.69 and Desilting of Drain falling in Tehsil Dasuya and Mukerian for Rs.70 Lac have been prepared and submitted to Chief Engineer/Drainage, Irrigation works, Punjab Chandigarh vide Deputy Commissioner, Hoshiarpur letter No. 71/DRA(T) dated 02-03-2017 and No. 62/DRA(T) dated 07-04-2017 for releasing the requisite funds from the Govt. The abstract depicts the position as under:-

Sr.No.	Name of works	Tentative Cost of Ist and 2 nd Priority (Rs. In Lacs)
1)	Flood protection works along River Beas in Teh. Dasuya & Mukerian = 12 Nos.	875+170=1045.00
2)	Flood protection works along Choes in Teh. Hoshiarpur & Garhshankar = 9 Nos.	76.31+392.38=468.69
	Total= 20Nos works	1513.69
3)	Desilting of drains falls in Tehsil Dasuya and Mukerian = 2 No.	35.00
4)	Desilting of drains falls in Tehsil Garhshankar = 1 No.	35.00
	Total=3 Nos.	70.00

The detailed list of works given in the abstract above is enclosed as Annexure “B” (I), B(II).

FLOOD CONTROL ROOM DRAINAGE DEPARTMENT

Flood control room will also be setup by the Executive Engineer, Drainage Division, Hoshiarpur w.e.f. 1-7-2017 to 30-9-2017 . It will also work round the clock and its telephone no. is 01882-252733. The Drg. Department/ has also made arrangement to coordinate with the wireless set installed by Dholbaha Dam Cont. Circle, authorities Similarly offices of Sub-Divisional Officer of Drg. Deptt. at Hoshiarpur and Dasuya will also function as flood control rooms round the clock. The Drg. deptt. has made arrangement to save embankment by deputing departmental staff for watch and ward duties besides attending to the endangered sites. The Drg. Deptt. will arrange sufficient nos. of EC bags to be filled up with sand at various location subject to availability of funds. The Drg. Deptt. will supply gauge readings of choes and rivers daily to the flood control rooms.

DUTY ROASTER OF FIELD STAFF OF DRAINAGE DEPARTMENT

Sr.No.	Name of Field Staff	Section	Telephone No.
NASRALA CHOE SUB DIVISION			
1.	Sh. Avtar Singh (S.D.O.)	Incharge	80547-07079
2.	Sh.Sham Singh,A.E	Mehangerwal Choe RD 95000 -178760 (Both sides)	99882-95904
3.	Sh.Ashok Kumar,A.E	Rajni Devi Choe ,Bahowal Choe and other local choes	98728-42224
4.	Sh. Hari Saran Gautam, A.E.	Mehalanwali Choe RD 3000- 68000 U/S Jalandhar Branch and RD 0-24000 D/S Jalandhar Branch.	98729-01234
5.	Sh. Pankaj Bali, A.E.	Nasrala Choe U/S City Bridge and D/S City Bridge	97797-16155

DASUYA DRAINAGE SUB DIVISION DASUYA			
6.	Sh.Maha Singh, S.D.O	Incharge	94173-56860
7.	Sh. Sukhpreet Singh, J.E	River Beas, Motla to Naushehra complex & MHC- II & Drains of Mukerian tehsil and Holy Bein (-) 5000 to 42000.	99886-65544
8.	Sh. Avtar Singh A.E.	Bein Bandh RD 0-60000. River Beas Himatpur to Naushehra Complex and Local Protection Works Westran Bein and Drains in Dasuya area and Holy Bein RD 42000-108700	95010-15767
9.	Sh. Arun Aggarwal	Bein Bandh R.D. 60000- 80000. Ganduwal and Rara Complex.	98152-09137
10.	Sh. Harjinder Singh, J.E	Foot Bridges on Holy Bein.	98555-39411
GARHSHANKAR DRG. SUB DIVISION GARHSHANKAR			
11.	Sh. Avtar Singh (S.D.O.)	Incharge	80547-07079
12.	Sh.M.K. Sharma ,A.E	Local Protection works of Garhshankar Tehsil.	94173-70389

Executive Engineer,
Hoshiarpur Drainage Division,
Hoshiarpur.

No. /149-WF Dated. /2017

To

The Deputy Commissioner,
Hoshiarpur.

Subject:- **DISTRICT FLOOD CONTINGENT PLAN 2017 IN DISTRICT
HOSHIARPUR.**

Reference:- Your office letter No.375-425/ DRA(T) dated 11-5-2017.

The District flood contingent plan 2017 of District Hoshiarpur is sent
herewith as desired please.

This is for your kind information and necessary action please.

DA/- As above.

Executive Engineer,
Hoshiarpur Drainage Division,
Hoshiarpur.