DRAINAGE SYSTEM OF DISTRICT PATIALA

SYSTEM WISE DETAIL OF DRAINS

Sr. No.	Name of Drain with	Length in	Bed Width/I	Depth	Name of District	Catchment Area (In Sq. Mile)	R.D. in Haryana Portion	Village at Outfall Point and adjoining villages
	R.D.	KM.	Bed Width (In Ft.)	Depth (In Ft.)				
1	2	3	4		5	6	7	8
20.1 SII	HIND CHOE SYSTE	M						
1	Sirhind Choe RD 347000-547000	60.97	68.50	6.00	i) Patiala ii) Fatehgarh Sahib	459	Nil	Alipur, Tungan, Hassanpur, Paharpur, Dhingi, Bhorey, Bhadson, Takheri, Sirhind, Fatehgarh Sahib
2	Nabha Drain RD 0-85500	26.07	16.50	4.50	i) Sangrur ii) Patiala	36	Nil	Bhojo Majari, Alohran, Duladi, Kakrala, Chhaju Bhatt
3	Mohal Gowara Drain RD 0-50500	15.39	12.00	3.40	Patiala	-	Nil	Tungan, Harigarh, Gurditpura, Todarwal
4	Ditch Drain along 2nd feeder RD 0-17270	5.26	10.00	3.00	Patiala	-	Nil	Bhorey, Lope
	Total	107.69 km						

Total Length of Sirhind Choe System= 107.69 km (In Distt. Patiala 79.64 km in District Fatehgarh Sahib = 19.51 km in District Sangrur= 8.54 km)

Sr.	Name of Drain with R.D.	Length in KM.	Bed Width/Depth		Name of District	Catchment	R.D. in	Village at Outfall Point and
No.			Bed Width (In Ft.)	Depth (In Ft.)		Area (In Sq. Mile)	Haryana Portion	adjoining villages
1	2	3	4		5	6	7	8
	20.2 PATIALA NADI SYSTEM							
1	Patiala Nadi RD 0-236435 i) RD 0-204900 & 212300- 236435(in Pb.) ii) RD 204900-212300 (in Haryana)	68.83 <u>2.25</u> 72.08	45.00	14.00	Patiala	-	RD 204900- 212300 = 2.25 km.	RattanHeri, Ghiora, Dhanuri, Mavi Sapan, Assarpur , Droula, Drauli, Dudhar, Kheri Jattan, Patiala City, Daulatpur
2	Model Town Drain RD 0-52156	15.90	20.00	4.30	Patiala	-	Nil	Maain, Sher Majra, Malo Majra, Dhamo majra, Ablowal, Patiala City, Hassanpur
3	Jacob Drain RD 0-48600	14.82	27.50	5.50	Patiala	-	Nil	Drauli, Droula, Lagroi, Maain Raws Bramna, Sular, Patiala City
4	Kalwa Sunarheri Drain RD 0- 14300	4.36	16.00	6.00	Patiala	-	Nil	Kalwa, Sunarheri, Panodian
5	Tafazalpura Drain RD 0-10900	3.32	20.00	5.30	Patiala	2.10	Nil	Tafazalpura, Patiala City
6	Nim Sahib Drain RD 0-13500	4.11	20.00	4.25	Patiala	12.56	Nil	Mirjapur, Bauherpur, Sadiwal, Bathli, Akar
7	Bahadurgarh Drain RD 0-17000	5.18	12.00	4.00	Patiala	-	Nil	Falouli, Saifdipur, Bahadurgarh
8	Chhoti Patiala Nadi RD 11500-25800	4.36	40.00	6.00	Patiala	-	Nil	Shish Mahel Patiala, Patiala City

Sr.	Name of Drain with R.D.	Length in KM.	Bed Width/Depth		Name of District	Catchment	R.D. in	Village at Outfall Point and
No.			Bed Width (In Ft.)	Depth (In Ft.)		Area (In Sq. Mile)	Haryana Portion	adjoining villages
9	Bassian -Jhampur Drain RD 0- 29624	9.03	10.00	5.20	Fatehgarh Sahib	18.15	Nil	Jhamppur, Bhagatpur, Bassian, Mehdudan
	Total	133.16 km						

Total length of Patiala Nadi System= 133.16 km (In Distt. Patiala 124.13 km, in Distt. Fatehgarh Sahib= 9.03 km)

	20.3 . TANGRI NA							
Sr. No.	Name of Drain with R.D.	Length in KM.	Bed Width	/Depth	Name of District	Catchment Area (In Sq. Mile)	R.D. in Haryana Portion	Village at Outfall Point and adjoining villages
			Bed Width (In Ft.)	Depth (In Ft.)				
1	Chhoti Tangri Nadi RD 0-19000	5.79	17.00	5.00	Patiala	26.50	Nil	Budhmore, Bibipur, Khrabgarh
2	Shekhupura Adatiwala Drain RD 0-61000	18.60	20.00	7.00	Patiala	-	Nil	Dudhan Gujran, Ibrahimpur, Kachwa, Khatuli , Faridpur
3	Rohor Jagir Drain RD 0-4000	1.22	10.00	5.00	Patiala	-	Nil	Rohar Jagir, Lehla Jagir

Total length = 25.61 km

Sr. No.	Name of Drain with R.D.	ength in KM.	Bed Width/Depth		Name of District	Catchment	R.D. in	Village at Outfall Point and
No.			Bed Width (In Ft.)	Depth (In Ft.)		Area (In Sq. Mile)	Haryana Portion	adjoining villages
	20.4 RIVER GHAGGAR	AND OTHER I	PRAINS WHIC	CH DIRECT	TOUTFALL INTO I	RIVER GHAGGAR		
	River Ghaggar From Bhankha to U/s of Khanouri Syphon i) Vill. Bhankharpur to Vill. Tep							
	ii) Vill. Tepla to Haryana Bound near vill. Dangdera)		60 to 500 ft.	22 to 28 ft.	Mohali	3635	RD 4444945 to 56665 &	Rahimpura, Matoli Rasouli, RampurPatra
	iii) Haryana Boundry (near Dangdera) to Pb. Boundry (vill. Darwan)				Patiala		64615 to 74975) = 6.73 km	Harchandpura, Marori
	iv) Pb. Boundry (near vill. Darv to Haryana Boundry (near Jullah Kheri) v) Haryana Boundry (ner	vill.			Haryana			Kamboan, Sarkapran Maru, Sarala, Kapuri Untsar, Nanheri, Darwa Sangdera Jhajon, Manol
Ju vi vi	Jullah kheri) to Pb. Boundry (vill. Rattan Heri) vi) Vill Rattan Heri to RD 400 LMB (BML)	near 60			Patiala			Surat, Hansla, Amlal Bohri, Ibrahimpur Bakarpur, Bhankherpura
	A) Punjab Portion B) Haryana Portion RD 449	26			Haryana			
	56665 & 64615-74975) Total of Punjab Portion i. 30+6+60+32.43)=	e ($\frac{32.43}{\underline{6.73}}$ $\frac{39.16}{\underline{39.16}}$						
	Total of Haryana Portion i. 5+26+6.73) =	e (128.43			Patiala Haryana			
		37.73 166.16						

Total length of River Ghaggar 166.16 km: in Punjab Portion 128.43 km (in District Patiala 98.43 kms, in Distr. Mohali-30.00 km) in Haryana 37.73 km

Sr.	Name of Drain with R.D.	Length	Bed Width/Depth		Name of	Catchment	R.D. in	Village at Outfall Point and adjoining villages
No.		in KM.	Bed Width (In Ft.)	Depth (In Ft.)	District	Area (In Sq. Mile)	Haryana Portion	
2	Bhagna Nadi RD 0-64000	19.51	24.00	5.50	Patiala	48.00	Nil	Nanheri, Balopur, Mehmoodpur, Rajgarh Ram Nagar, Tepla, Basma, Budanpur Khaspur
3	Miranpur Choe RD 0-156300 i) RD 0-23500, 26600-44500 & 52000-156300 (in Punjab) ii) RD 23500-26600 & 44500-52000 (in Haryana)	44.42 <u>6.23</u> 47.65	50.00	5.50	Patiala	66.97	RD 23500- 26600 & 44500- 52000= 3.23 km.	Dharmheri, Hasampur, sasi Brahma, Alipur Jattan, Churason, Bhunerheri, Gagraula Balramgarh, Balari, Haripur, Jhungian
4	Momian Drain RD 0-30348	9.25	16.00	4.75	Patiala	15.40	Nil	Rasouli, Momian, Shadipur, Sadharanpur
5	Zoo Drain RD 0-8376	2.55	30.00	5.00	Mohali	1.29	Nil	Chat Bir Zoo
6	Banur Drain RD 0-31000	9.45	18.00	6.00	Patiala	17.20	Nil	Jhansi , Nadiali, Gobindpura, Banur
7	Alamgir Khazzor Mandi Drain RD 0-9000	2.74	5.00	3.00	Mohali	-	Nil	Khazzor, Mandi, Tiwana, Alamgir
8	Lalru Drain RD 0-3900	1.19	8.00	5.00	Mohali	35.00	Nil	Lalru
9	i) Pachisdhara Nallah RD 0-60000	18.29	30.00	10.00	Patiala	-	Nil	Mehududan , Lachhru, Chamaru, Kam Kalan, Gobind Garh, Sanolian, Khanpur Bhogla
	ii) Dhakanshu Nallah RD 60000-92470	9.90	30.00	10.00	Patiala	-	Nil	Mehtab Garh, Shamdo, Jansuam Jansui, Jhansla, Jhansli, Faridpura
	Total of Punjab Portion= Total of Haryana Portion (37.73+3.23)= Grand Totak	245.73 <u>40.96</u> 286.69 km						

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