

Narsingpura Branch Canal

1	Name of Canal	:	NARSINGPURA BRANCH CANAL
2	Off taking chainage from SBC (Km.)	:	15.465 Kms.
3	Type of Canal	:	Ridge Canal
4	Length of Branch Canal (Km.)	:	32.010 Km.
5	F.S.L. of Sau. Br. Canal (mt.)	:	48.504 m.
6	F.S.L. of Branch Canal (mt.)	:	
	Off Taking Point		45.884 m.
	Tail Point		23.134 m.
7	Breadth X Depth	:	3.50 m X 2.40 m
8	Discharge at head	:	20.053 cumecs (708 cusecs)

This 32.010 Km long Narsingpura Branch Canal passes through Kadi taluka of Mehsana District, Sanand & Viramgam Talukas of Ahmedabad District. Narsingpura Branch Canal crosses Ghoda feeder drain at Ch. 31.980 Km. It emanates from Saurashtra Branch Canal at Ch. 15.465 Km near Village, Khavad, Ta. Kadi, Dist. Mehsana.

Paddy, Cotton, Juvar, Pulses, Wheat, Vegetables, Gram, Linseed Crops are generally shown in the command area of this canal. The soil in command area is of SM, SM-SC, CL, SC & CI. The general slope of command area is flat. There are 10 Nos of falls with total 10.70 mt drop of all falls, constructed on the canal to traverse the geography.

The canal was constructed between 1997 to 2005 of a total cost of 2001.66 lacs. It is capable of running discharged at head. 20.053 cumecs (708 cusec) and at tail 7.674 cumecs (271 cusec)

There are 16 bridges and 5 Nala crossings located at the canal for passing through the region.

This canal serves 1.50 lacs people of 47 villages of Kadi Taluka of Mehsana District, Viramgam taluka of Ahmedabad district & Lakhtar, Limdi & Dasada Taluka of Surendranagar district.

Narasingpura Branch Canal

Canal Name	Canal Classification	Offtaking Chainage (km)	Total Length (km)	Completed Length (km)	Water Flown Length (km)	Ongoing work Length (km)	Yet to take up Length (km)	Total Sub Minors		Completed SM		SM to Takeup	
								Nos	CCA (Ha)	Nos	CCA (Ha)	Nos	CCA (Ha)
Narasingpura	Branch	15.465	32.01	32.01	32.01	0	0	567	20524.4	398	14600.4	169	5924
Kalyanpura	Distributary	0.65	9.75	9.75	9.75	0	0	105	4307.48	86	3535.5	19	771.98
Nadoliya	Minor (Open)	0.02	2.83	2.83	2.83	0.00	0.00	14.00	536.05	7.00	241.83	7.00	294.22
Della	Minor (Open)	1.46	5.47	5.47	5.47	0.00	0.00	11.00	528.02	7.00	324.89	4.00	203.13
Fatehpura	Minor (Open)	3.76	2.91	2.91	2.91	0.00	0.00	8.00	314.32	7.00	274.05	1.00	40.27
Jesangpura	Minor (Open)	4.22	3.45	3.45	3.45	0.00	0.00	10.00	441.67	6.00	292.93	4.00	148.74
Virochananagar	Minor (Open)	6.30	2.09	2.09	2.09	0.00	0.00	6.00	232.72	6.00	232.72	0.00	0.00
Varkhadiya	Minor (Open)	6.81	3.23	3.23	3.23	0.00	0.00	12.00	512.77	11.00	494.68	1.00	18.09
Walawadi	Minor (Open)	8.01	4.29	4.29	4.29	0.00	0.00	10.00	376.95	10.00	376.95	0.00	0.00
Rangpur	Minor (Open)	9.75	4.62	4.62	4.62	0.00	0.00	13.00	502.66	13.00	502.66	0.00	0.00
Palli-2	Minor (Open)	9.75	4.52	4.52	4.52	0.00	0.00	10.00	438.26	10.00	438.26	0.00	0.00
Palli-1	Minor (Open)	9.75	4.74	4.74	4.74	0.00	0.00	11.00	424.06	9.00	356.53	2.00	67.53
Panthoda	Minor (UGPL)	6.05	2.78	0.00	0.00	0.00	2.78	12.00	438.35	0.00	0.00	12.00	438.35
Kumad	Distributary	17.992	2.574	2.574	2.574	0	0	43	1468.74	35	1176.66	8	292.08
Bhojiya	Minor (Open)	0.81	3.10	1.75	1.75	1.35	0.00	15.00	551.24	10.00	358.59	5.00	192.65
Haripura	Minor (UGPL)	2.57	2.43	2.43	2.43	0.00	0.00	11.00	363.99	10.00	331.94	1.00	32.05
Sokali	Minor (Open)	2.57	4.30	4.30	4.30	0.00	0.00	16.00	521.68	14.00	454.30	2.00	67.38
Sokli	Minor (UGPL)	22.38	3.47	0.00	0.00	0.00	3.47	13.00	445.50	0.00	0.00	13.00	445.50

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								Nos	CCA (Ha)	Nos	CCA (Ha)	Nos	CCA (Ha)
Thorimubarak	Distributary	23.277	5.974	5.974	5.974	0	0	55	1973.87	27	1048.91	28	924.96
Hansalpur-1	Minor (UGPL)	1.22	1.83	0.00	0.00	0.00	1.83	6.00	193.96	0.00	0.00	6.00	193.96
Hansalpur-2	Minor (UGPL)	2.77	3.34	0.00	0.00	0.00	3.34	15.00	480.75	0.00	0.00	15.00	480.75
Thori-2	Minor (Open)	5.97	7.23	6.97	6.97	0.00	0.00	13.00	480.85	12.00	432.96	1.00	47.89
Thori-1	Minor (Open)	5.97	1.87	1.87	1.87	0.00	0.00	21.00	818.31	15.00	615.95	6.00	202.36
Zeza	Distributary	31.98	11.67	11.67	11.67	0	0	146	4158.91	109	3117.63	37	1041.28
Vasveliya	Minor (Open)	2.44	0.39	0.39	0.39	0.00	0.00	4.00	100.58	4.00	100.58	0.00	0.00
Kalyanpura	Minor (Open)	4.36	2.96	2.96	2.96	0.00	0.00	21.00	596.81	15.00	386.28	6.00	210.53
Kamijala-1	Minor (Open)	6.72	3.60	3.60	3.60	0.00	0.00	19.00	490.89	15.00	399.13	4.00	91.76
Kamijala-II	Minor (Open)	7.65	2.98	2.98	2.98	0.00	0.00	15.00	343.68	10.00	245.96	5.00	97.72
Zeza-I	Minor (Open)	8.72	5.51	5.51	5.51	0.00	0.00	25.00	852.51	21.00	721.94	4.00	130.57
Zeza-II	Minor (Open)	11.67	2.44	2.32	2.32	0.00	0.12	7.00	156.22	0.00	0.00	7.00	156.22
Shahpur-I	Minor (Open)	11.67	3.48	3.48	3.48	0.00	0.00	12.00	321.86	10.00	263.06	2.00	58.80
Shahpur-II	Minor (Open)	11.67	6.47	6.47	6.47	0.00	0.00	26.00	809.90	17.00	514.22	9.00	295.68
Moti Kathechi Branch Distry.	Distributary	10.44	7.115	7.115	7.115	0	0	79	3140.21	65	2677.11	14	463.1
Shahpur III	Minor (Open)	2.39	5.37	5.37	5.37	0.00	0.00	16.00	573.70	12.00	441.92	4.00	131.78
Wadla	Minor (Open)	2.94	3.07	3.07	3.07	0.00	0.00	16.00	520.62	7.00	237.75	9.00	282.87
Moti Kathechi	Minor (UGPL)	6.75	2.95	2.95	2.95	0.00	0.00	11.00	485.20	10.00	436.75	1.00	48.45
Sakar	Minor (UGPL)	7.13	3.73	3.73	3.73	0.00	0.00	12.00	510.74	12.00	510.74	0.00	0.00
Nani Kathechi	Minor (UGPL)	7.13	4.27	4.27	4.27	0.00	0.00	13.00	645.63	13.00	645.63	0.00	0.00

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Viththalgadh	Distributary	32.01	10.815	10.815	10.815	0	0	114	4591.34	76	3044.59	38	1546.75
Babajipura	Minor (Open)	0.03	8.26	8.06	7.73	0.00	0.20	19.00	834.06	14.00	603.24	5.00	230.82
Limbad	Minor (Open)	1.78	3.51	2.90	1.10	0.00	0.61	18.00	640.57	7.00	231.97	11.00	408.60
Kalyanpura	Minor (UGPL)	6.74	3.62	3.62	3.62	0.00	0.00	10.00	527.31	7.00	361.25	3.00	166.06
Bhaskarpura-I	Minor (UGPL)	7.61	3.38	3.38	3.38	0.00	0.00	7.00	294.48	5.00	194.43	2.00	100.05
Gangad	Minor (Open)	9.19	4.12	4.12	4.12	0.00	0.00	10.00	491.75	9.00	440.85	1.00	50.90
Bhaskarpura-II	Minor (UGPL)	10.87	3.15	3.15	3.15	0.00	0.00	21.00	753.87	14.00	522.30	7.00	231.57
Wadla	Minor (Open)	10.87	7.36	7.36	7.36	0.00	0.00	21.00	730.89	12.00	372.14	9.00	358.75