

ANNEXURES

A number of tables with larges values of data which have been used in various chapters in this thesis have been attached here.

ANNUAL RAINFALL DATA FOR 1878 TO 2007

Annexure 1 shows the 130 year annual rainfall data for all the talukas as well as the Kutch district for the period of 1878 to 2007.

Annexure 1 Annual Rainfall Data for 9 Talukas & Kutch District (in mm)

Year	Bhuj	Mandvi	Anjar	Rapar	Naliya	Lakhpat	Bhachau	Mundra	Nakhatrana	Kutch
1878	903.48	1271.27	684.78	594.11	955.29	697.74	80.01	978.15	956.95	791.31
1879	263.14	293.62	215.65	307.85	165.10	259.84	345.44	189.23	245.43	253.92
1880	228.85	290.83	397.00	537.46	167.64	164.59	689.86	336.55	212.98	336.20
1881	454.51	1026.16	577.85	750.06	441.45	695.96	699.77	754.13	654.62	672.72
1882	379.22	643.64	540.28	447.80	294.39	129.54	394.97	245.87	361.70	381.93
1883	407.67	680.21	553.21	544.83	227.84	601.22	175.51	426.72	479.23	455.16
1884	648.46	1645.67	603.00	641.60	851.41	665.99	515.37	838.45	952.88	818.09
1885	359.16	287.02	208.28	324.36	188.98	166.37	322.58	251.71	250.38	262.09
1886	290.32	827.02	497.59	290.58	271.78	453.64	392.68	616.71	460.69	455.67
1887	295.15	480.57	291.85	172.72	395.48	431.80	319.28	472.19	400.75	362.20
1888	295.40	478.28	298.70	201.17	518.67	290.07	264.16	368.81	395.61	345.65
1889	406.65	465.33	348.49	251.97	164.59	122.17	411.23	400.30	286.69	317.49
1890	277.62	144.27	254.51	205.49	103.63	159.26	310.13	429.26	171.20	228.37
1891	149.86	212.34	191.77	417.32	173.48	304.55	431.55	201.93	210.06	254.76
1892	278.89	662.69	299.21	660.65	655.57	479.93	500.13	480.82	519.27	504.13
1893	307.12	429.01	374.14	535.43	13.97	454.79	454.66	401.57	301.72	363.60
1894	701.55	806.70	948.44	945.64	667.51	947.04	946.91	877.57	780.70	846.90
1895	307.59	297.43	233.68	243.84	201.42	238.76	238.76	164.67	261.30	243.05
1896	551.94	579.63	569.48	544.32	282.96	556.90	556.77	574.55	492.86	523.27
1897	335.03	631.70	537.21	657.10	415.04	597.15	597.15	584.45	494.73	538.84
1898	344.17	275.08	311.15	402.84	178.31	357.00	356.87	293.12	288.64	311.91
1899	21.84	21.34	56.13	1.52	0.00	28.83	27.67	37.59	18.00	23.66
1900	437.13	441.20	312.42	464.57	205.49	388.49	388.37	249.94	368.08	361.74
1901	94.74	108.97	120.14	128.02	106.17	124.08	123.95	110.74	108.49	113.92
1902	214.63	388.37	166.62	349.25	232.41	257.94	257.81	277.37	273.34	268.64
1903	475.49	350.77	457.45	265.68	461.01	361.57	361.44	404.11	412.21	394.41
1904	123.19	50.04	116.84	128.02	38.61	122.43	112.27	81.28	83.57	95.14
1905	163.07	153.42	230.38	282.45	26.92	256.41	256.54	191.77	149.96	190.10
1906	416.56	578.61	548.13	487.43	335.03	517.78	517.65	563.37	461.99	491.84
1907	381.00	631.19	397.51	391.92	538.48	394.72	382.02	501.65	486.35	456.09
1908	313.18	464.57	293.37	459.23	556.77	376.30	376.17	356.11	427.70	402.60
1909	470.15	631.70	310.90	581.41	464.06	446.15	446.02	471.17	503.02	480.51
1910	611.38	671.32	345.44	284.23	402.08	314.83	315.47	509.02	499.90	439.30
1911	59.44	123.44	54.86	59.69	86.61	57.28	72.39	89.15	81.67	76.06
1912	468.88	570.74	540.51	497.84	442.47	519.18	519.18	809.50	500.32	540.96
1913	82.04	789.43	756.16	707.14	940.05	731.65	733.55	772.16	635.79	683.11
1914	268.99	416.05	328.68	426.21	389.64	377.44	377.44	374.90	363.03	369.15
1915	200.41	172.47	240.28	153.42	126.24	62.23	166.12	224.54	140.33	165.12

Year	Bhuj	Mandvi	Anjar	Rapar	Naliya	Lakhpat	Bhachau	Mundra	Nakhatrana	Kutch
1916	391.67	577.85	531.61	342.14	339.09	312.42	285.75	377.44	405.26	395.91
1917	786.64	1023.62	581.15	558.29	357.89	495.30	718.06	1058.67	665.86	693.94
1918	69.85	280.42	111.00	110.49	28.19	24.64	79.50	71.37	100.77	97.36
1919	307.34	513.84	261.87	312.67	124.21	411.48	378.97	418.34	339.22	340.88
1920	252.22	229.11	526.03	381.25	40.64	48.26	595.63	450.09	142.56	296.20
1921	51.82	434.59	520.95	616.97	218.69	423.67	787.91	754.13	282.19	454.55
1922	265.43	246.63	293.12	265.18	136.14	91.19	469.90	255.27	184.85	245.30
1923	143.51	132.84	105.92	153.92	52.83	80.26	93.73	160.27	102.36	113.96
1924	191.77	247.14	194.96	195.07	80.01	62.23	284.73	388.11	146.29	198.92
1925	108.46	333.76	239.78	111.51	148.34	55.88	127.51	191.26	161.61	164.23
1926	1065.02	1193.04	691.90	593.60	1144.52	651.51	628.40	830.83	1013.52	868.04
1927	484.38	469.39	496.62	644.65	288.04	441.45	638.05	471.68	420.81	483.90
1928	284.99	242.57	287.53	262.64	192.02	116.84	357.89	118.11	209.11	230.19
1929	379.73	482.35	341.12	251.97	116.84	304.80	396.49	434.34	320.93	336.51
1930	239.01	542.80	289.81	246.38	225.55	215.90	386.33	391.67	305.82	315.92
1931	87.88	227.58	116.08	230.63	81.03	41.15	232.41	359.66	109.41	165.09
1932	188.72	806.70	367.79	331.72	417.32	283.97	383.03	413.51	424.18	401.88
1933	432.56	570.99	248.41	520.70	723.39	420.88	541.02	467.36	536.96	495.81
1934	304.29	295.91	595.88	545.59	188.80	273.56	527.81	300.48	290.64	369.22
1935	266.70	524.26	369.82	531.11	268.73	236.98	258.32	574.04	324.17	372.68
1936	177.80	345.44	285.75	222.76	375.41	411.73	365.76	323.60	327.60	315.09
1937	265.94	338.07	245.62	419.86	317.50	518.16	340.36	461.01	359.92	362.94
1938	238.25	344.17	187.20	230.63	245.11	242.82	168.66	364.24	267.59	254.30
1939	228.84	37.85	54.61	82.30	42.93	80.01	91.95	50.80	97.41	85.19
1940	237.74	276.61	215.90	230.89	176.53	171.20	270.51	320.29	215.52	235.02
1941	345.19	215.39	471.42	482.85	187.96	154.94	487.93	365.76	225.82	326.36
1942	250.70	168.40	205.75	127.76	267.97	173.74	206.50	256.54	215.20	208.06
1943	172.72	526.29	254.76	239.27	163.83	72.14	163.07	408.43	233.74	248.25
1944	498.86	739.14	484.89	718.57	637.29	586.74	511.81	786.89	615.51	619.97
1945	466.60	323.60	508.51	533.91	257.56	206.76	630.68	480.57	313.63	413.54
1946	281.94	267.46	211.84	243.33	295.91	286.51	169.42	243.33	282.96	253.63
1947	223.01	358.65	320.55	255.27	563.37	599.95	261.87	288.80	436.25	367.52
1948	108.98	144.47	99.06	184.66	49.28	33.02	117.60	107.70	84.14	103.21
1949	511.56	540.77	503.43	307.59	463.55	446.28	304.29	467.61	490.54	448.40
1950	709.93	373.38	632.46	180.85	279.65	61.72	468.12	462.03	356.17	391.59
1951	154.18	187.45	146.05	352.55	107.44	391.67	268.73	169.42	210.19	220.85
1952	335.79	516.13	307.85	349.25	343.41	513.59	261.11	335.79	427.23	376.68
1953	498.60	569.98	417.58	398.02	529.08	733.30	663.70	480.57	582.74	541.51
1954	495.55	473.20	470.66	605.54	225.55	199.14	567.86	138.94	348.36	391.64
1955	187.20	230.63	192.53	339.85	233.43	474.98	211.84	253.75	281.56	267.31
1956	531.37	568.45	409.19	267.49	488.95	254.25	715.01	75.69	460.76	419.02
1957	201.17	263.14	303.78	270.00	193.80	180.34	115.82	258.32	209.61	221.78
1958	265.43	257.81	362.71	432.05	607.31	765.30	376.43	251.21	473.96	421.36
1959	1268.96	683.01	674.37	1234.95	1444.50	1106.17	604.27	825.25	1125.66	996.35
1960	165.35	174.50	139.70	151.89	204.22	2.03	157.48	106.68	136.52	137.60
1961	850.90	569.98	185.93	417.58	1244.03	960.88	737.11	595.63	901.45	718.17
1962	254.00	313.44	205.49	171.20	420.88	180.34	182.12	212.09	292.16	247.97
1963	211.33	151.13	83.31	101.60	185.42	57.15	18.03	26.42	151.26	109.52
1964	355.09	235.97	77.47	184.40	242.82	213.11	237.24	217.68	261.75	225.06
1965	338.07	612.90	318.26	285.24	74.42	268.73	156.72	234.70	323.53	290.29

Year	Bhuj	Mandvi	Anjar	Rapar	Naliya	Lakhpatri	Bhachau	Mundra	Nakhatrana	Kutch
1966	93.47	183.39	285.75	412.50	161.04	250.97	382.52	185.67	172.21	236.39
1967	715.52	546.10	1059.94	468.88	1150.87	723.65	727.71	800.86	784.03	775.28
1968	65.28	39.88	157.99	115.06	53.85	23.11	76.20	134.37	45.53	79.03
1969	72.90	64.52	45.72	40.39	87.88	117.86	25.40	79.50	85.79	68.88
1970	584.30	811.53	262.38	291.08	770.13	1095.76	518.16	768.35	815.43	657.46
1971	251.97	377.95	278.10	240.03	258.32	198.12	210.06	394.97	271.59	275.68
1972	93.98	101.09	24.89	67.06	29.97	37.08	34.89	20.07	65.53	52.73
1973	203.96	103.89	172.97	334.77	19.81	64.77	112.78	122.94	98.31	137.13
1974	142.49	20.32	69.34	57.66	5.59	35.56	91.19	0.00	50.99	52.57
1975	459.50	200.50	470.80	932.30	264.70	143.10	314.00	129.60	266.95	353.49
1976	365.80	397.70	320.70	582.40	132.40	110.00	134.40	68.70	251.48	262.62
1977	279.30	395.40	397.20	724.40	152.30	0.00	293.40	340.80	206.75	309.95
1978	323.90	475.90	366.60	239.00	463.00	229.00	248.40	317.80	372.95	337.39
1979	838.80	605.50	669.30	766.00	1081.00	758.00	895.00	678.40	820.90	790.32
1980	454.70	706.10	432.20	179.50	398.20	130.00	166.60	585.60	422.25	386.13
1981	363.00	543.90	537.20	416.10	450.50	227.20	312.00	528.40	396.15	419.38
1982	172.00	146.00	139.00	175.00	309.00	121.00	147.00	248.00	187.00	182.67
1983	236.00	414.00	332.00	348.00	397.00	467.00	321.00	537.00	378.50	381.17
1984	366.00	262.00	288.00	376.00	228.00	235.00	296.00	372.00	272.75	299.53
1985	123.00	281.00	205.00	185.00	236.00	130.00	269.00	286.00	192.50	211.94
1986	105.90	193.00	189.20	94.00	221.90	164.00	115.00	331.50	171.20	176.19
1987	5.00	3.00	140.00	16.00	0.00	0.00	12.00	26.00	0.00	22.44
1988	657.70	739.00	458.00	274.00	951.00	276.00	485.00	672.00	655.93	574.29
1989	428.00	496.00	684.00	458.00	764.00	504.00	489.00	970.00	317.00	428.00
1990	240.00	282.50	241.50	97.50	126.00	274.00	217.00	166.50	318.50	240.00
1991	115.00	106.50	53.00	0.00	37.00	136.50	35.00	30.00	129.00	115.00
1992	478.00	157.20	455.50	650.00	751.00	720.50	813.00	710.00	376.00	478.00
1993	149.00	44.00	45.00	0.00	29.00	31.00	56.00	22.00	244.00	149.00
1994	978.50	788.00	806.00	642.00	977.50	1133.00	1002.00	579.40	699.00	978.50
1995	216.50	189.00	136.50	110.00	186.00	237.50	119.00	396.50	207.50	216.50
1996	191.00	262.00	87.00	4.00	125.50	106.00	81.00	141.00	383.00	191.00
1997	728.00	506.00	369.00	332.00	468.00	630.00	418.00	220.00	635.00	728.00
1998	294.00	416.00	359.00	58.00	471.00	403.00	147.00	0.00	472.00	294.00
1999	107.00	289.00	74.00	0.00	115.00	76.00	55.00	34.00	180.00	107.00
2000	235.80	149.00	212.00	0.00	189.00	119.50	0.00	136.00	167.00	235.80
2001	301.60	0.00	284.00	0.00	307.00	411.00	0.00	528.70	220.00	301.60
2002	144.00	176.00	109.00	58.00	210.00	122.00	100.00	165.00	231.00	144.00
2003	901.20	599.00	1371.00	1317.00	485.00	960.50	1122.00	895.00	1091.00	901.20
2004	315.00	281.00	227.00	267.00	336.00	419.00	161.00	160.00	416.00	315.00
2005	386.00	403.00	186.00	108.00	244.00	494.00	174.00	187.00	491.00	386.00
2006	470.00	378.00	596.00	656.00	547.00	619.00	655.00	638.00	532.00	470.00
2007	614.00	642.00	672.00	360.00	521.00	618.00	497.00	415.00	845.00	614.00

MONTHLY RAINFALL DATA FOR 1989 TO 2007

Annexure 2 shows the monthly rainfall data for all the talukas as well as the Kutch district for the period of 1989 to 2007. The values shown here are only for the monsoon period from June to October for all the years.

Annexure 2 Monthly Rainfall values in mm

Month	Anjar	Bhachau	Bhuj	Lakhpat	Mandvi	Mundra	Nakhatrana	Naliya	Rapar	Kutch (avg)
Jun-89	0.00	0.00	0.00	0.00	2.00	1.00	0.00	0.00	0.00	0.33
Jul-89	356.00	380.00	362.00	455.00	545.00	268.00	368.00	890.00	269.00	432.56
Aug-89	59.00	79.00	123.00	3.00	100.00	111.00	69.00	80.00	22.00	71.78
Sep-89	13.00	37.00	199.00	0.00	117.00	124.00	52.00	0.00	26.00	63.11
Oct-89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jun-90	0.00	3.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.67
Jul-90	6.00	2.00	0.00	0.00	1.00	1.00	0.00	0.00	18.00	3.11
Aug-90	187.50	257.50	198.50	76.50	117.00	244.50	165.50	143.00	244.50	181.61
Sep-90	46.50	20.00	31.00	21.00	3.00	13.50	15.50	11.00	45.00	22.94
Oct-90	0.00	0.00	12.00	0.00	5.00	12.00	36.00	12.50	11.00	9.83
Jun-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jul-91	69.00	82.00	50.00	0.00	24.00	118.00	35.00	30.00	129.00	59.67
Aug-91	46.00	24.50	3.00	0.00	13.00	18.50	0.00	0.00	0.00	11.67
Sep-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jun-92	4.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	55.00	9.33
Jul-92	379.00	90.00	392.50	516.00	602.00	498.00	713.00	600.00	209.00	444.39
Aug-92	54.00	42.20	48.00	134.00	107.00	150.50	35.00	98.00	55.00	80.41
Sep-92	41.00	0.00	15.00	0.00	42.00	72.00	24.00	0.00	50.00	27.11
Oct-92	0.00	0.00	0.00	0.00	0.00	0.00	41.00	0.00	7.00	5.33
Jun-93	47.00	16.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	9.56
Jul-93	102.00	28.00	22.00	0.00	29.00	31.00	56.00	22.00	244.00	59.33
Aug-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sep-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jun-94	53.00	4.00	34.00	0.00	0.00	21.00	24.00	0.00	22.00	17.56
Jul-94	379.50	391.00	481.00	94.00	434.50	755.00	466.00	184.50	183.50	374.33
Aug-94	271.00	82.00	63.00	173.50	108.00	215.00	70.00	132.85	168.00	142.59
Sep-94	275.00	311.00	228.00	374.50	435.00	142.00	442.00	262.00	325.50	310.56
Oct-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jun-95	203.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.61
Jul-95	13.00	189.00	133.00	110.00	170.00	206.00	115.00	384.50	174.50	166.11
Aug-95	0.00	0.00	3.50	0.00	16.00	9.50	2.00	5.00	0.00	4.00
Sep-95	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	30.00	3.56
Oct-95	0.00	0.00	0.00	0.00	0.00	22.00	0.00	7.00	3.00	3.56
Jun-96	115.00	220.00	57.00	4.00	59.00	68.00	39.00	4.00	233.00	88.78
Jul-96	72.00	42.00	29.00	0.00	62.50	38.00	37.00	124.00	150.00	61.61
Aug-96	4.00	0.00	1.00	0.00	4.00	0.00	3.00	13.00	0.00	2.78
Sep-96	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.22

Month	Anjar	Bhachau	Bhuj	Lakhpat	Mandvi	Mundra	Nakhatrana	Naliya	Rapar	Kutch (avg)
Oct-96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jun-97	172.00	79.00	28.00	70.00	74.00	32.00	13.00	21.00	132.00	69.00
Jul-97	86.00	95.00	162.00	75.00	321.00	122.00	128.00	92.00	136.00	135.22
Aug-97	111.00	171.00	20.00	90.00	73.00	86.00	68.00	48.00	249.00	101.78
Sep-97	359.00	155.00	156.00	97.00	0.00	390.00	209.00	59.00	118.00	171.44
Oct-97	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67
Jun-98	28.00	49.00	9.00	0.00	0.00	38.00	39.00	0.00	71.00	26.00
Jul-98	50.00	48.00	94.00	21.00	11.00	134.00	0.00	0.00	34.00	43.56
Aug-98	11.00	95.00	32.00	0.00	207.00	20.00	0.00	0.00	29.00	43.78
Sep-98	24.00	102.00	48.00	0.00	69.00	59.00	63.00	0.00	113.00	53.11
Oct-98	181.00	122.00	176.00	37.00	184.00	152.00	45.00	0.00	225.00	124.67
Jun-99	10.00	0.00	13.00	0.00	30.00	5.00	0.00	25.00	45.00	14.22
Jul-99	14.00	9.00	6.00	0.00	27.00	12.00	24.00	3.00	22.00	13.00
Aug-99	5.00	64.00	0.00	0.00	9.00	7.00	10.00	6.00	5.00	11.78
Sep-99	17.00	22.00	7.00	0.00	23.00	0.00	0.00	0.00	0.00	7.67
Oct-99	61.00	194.00	48.00	0.00	26.00	52.00	21.00	0.00	108.00	56.67
Jun-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jul-00	218.90	139.00	212.00	0.00	135.00	119.50	0.00	136.00	146.00	122.93
Aug-00	14.90	10.00	0.00	0.00	54.00	0.00	0.00	0.00	21.00	11.10
Sep-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct-00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
Jun-01	41.00	0.00	166.00	0.00	95.00	125.00	0.00	283.40	20.00	81.16
Jul-01	176.60	0.00	86.00	0.00	163.00	155.00	0.00	196.60	140.00	101.91
Aug-01	84.00	0.00	32.00	0.00	49.00	131.00	0.00	48.70	60.00	44.97
Sep-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jun-02	53.00	94.00	72.00	40.00	22.80	24.00	31.00	80.00	137.00	61.53
Jul-02	0.00	0.00	0.00	0.00	1.00	0.00		0.00	0.00	0.11
Aug-02	91.00	78.00	31.00	18.00	187.00	98.00	69.00	85.00	94.00	83.44
Sep-02	0.00	4.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11
Oct-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jun-03	39.00	85.00	32.00	30.00	25.00	8.00	17.00	24.00	82.00	38.00
Jul-03	636.20	455.00	1087.00	1141.00	450.00	749.50	837.00	749.00	717.00	757.97
Aug-03	222.00	59.00	250.00	146.00	125.00	203.00	268.00	122.00	292.00	187.44
Sep-03	4.00	0.00	2.00	0.00	10.00	0.00	0.00	0.00	0.00	1.78
Oct-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jun-04	96.00	67.00	44.00	104.00	74.00	79.00	96.00	70.00	95.00	80.56
Jul-04	19.00	4.00	2.00	0.00	23.00	39.00	0.00	18.00	17.00	13.56
Aug-04	184.00	118.00	126.00	41.00	223.00	281.00	28.00	38.00	184.00	135.89
Sep-04	12.00	51.00	52.00	42.00	8.00	13.00	8.00	18.00	74.00	30.89

Month	Anjar	Bhachau	Bhuj	Lakhpat	Mandvi	Mundra	Nakhatrana	Naliya	Rapar	Kutch (avg)
Oct-04	4.00	41.00	3.00	80.00	8.00	7.00	29.00	16.00	46.00	26.00
Jun-05	80.00	58.00	6.00	9.00	85.00	63.00	32.00	39.00	89.00	51.22
Jul-05	127.00	176.00	46.00	50.00	71.00	192.00	23.00	21.00	144.00	94.44
Aug-05	20.00	21.00	23.00	23.00	33.00	31.00	32.00	9.00	22.00	23.78
Sep-05	155.00	148.00	111.00	26.00	55.00	208.00	87.00	118.00	236.00	127.11
Oct-05	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44
Jun-06	16.00	19.00	62.00	0.00	6.00	5.00	80.00	4.00	10.00	22.44
Jul-06	251.00	239.00	197.00	316.00	269.00	386.00	219.00	303.00	228.00	267.56
Aug-06	167.00	110.00	318.00	325.00	258.00	214.00	322.00	318.00	201.00	248.11
Sep-06	32.00	10.00	19.00	15.00	14.00	14.00	34.00	13.00	93.00	27.11
Oct-06	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44
Jun-07	96.00	97.00	168.00	0.00	56.00	106.00	134.00	71.00	57.00	87.22
Jul-07	197.00	97.00	168.00	56.00	56.00	106.00	309.00	71.00	349.00	156.56
Aug-07	272.00	339.00	263.00	286.00	355.00	341.00	27.00	264.00	349.00	277.33
Sep-07	49.00	86.00	73.00	18.00	54.00	65.00	27.00	9.00	90.00	52.33
Oct-07	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.56

GENERAL DETAILS FOR MEDIUM IRRIGATION SCHEMES

Annexure 3 shows the general details for medium irrigation schemes like name, location, river, year of completion and area of catchment.

Annexure 3 General Details of Medium Irrigation Schemes

Name Of Dam	Location	River	Year Of Completion	Area Of Catchment In km ²
Berachia	Vill.Berachia, Ta.Abdasa	Naira	1987	160
Bhukhi	Vill.Devisar, Ta.Nakhatrana	Bhukhi	1987	157
Don	Vill.Don, Ta.Mandavi	Kharod	1987	140
Fatehgadh	Vill.Fatehgadh, Ta.Rapar	Malan	1987	104
Gajod	Vill.Gajod Ta.Bhuj	Nagmati	1955	167
Godhatad	Vill.Godhatad, Ta.Lakhpat	Mitiariwali	1983	188
Jangadia	Vill.Jangadia, Ta.Abdasa	Khari	1989	148
Kaila	Vill.Bhakhana, Ta.Bhuj	Kaila	1955	178
Kalaghogha	Vill.Kalaghogha, Ta.Mundra	Phot	1987	171
Kankavati	Vill.Kharua, Ta.Abdasa	Kankavati	1956	208
Kaswati	Vill.Lodai, Ta.Bhuj	Kaswati	1976	67
Mathal	Vill.Mathal, Ta.Nakhatrana	Dhadodh	1987	114
Mitti	Vill.Tramban, Ta.Abdasa	Mitti	1987	469
Nara	Vill.Nara, Ta.Lakhpat	Nara	1981	233
Niruna	Vill.Niruna, Ta.Nakhatrana	Bharud	1970	388
Tapar	Vill.Anjar	Sakra	1975	303
Rudramata	Vill.Nokhania, Ta.Bhuj	Khari	1970	572
Sanandro	Vill.Sanandro, Ta.Lakhpat	Kali	1957	148
Suvi	Vill.Suvi, Ta.Rapar	Suvi	1966	161
Gajansar	Vill. Gajansar, Ta.Lakhpat	Panjore	1960	166

STORAGE PARAMETERS FOR MEDIUM IRRIGATION SCHEMES

Annexure 4 shows the storage parameters for medium irrigation schemes of Kutch.

Annexure 4 Storage Parameters of the Medium Irrigation Schemes

Name of Dam	Area at Full Reservoir Level In km ²	Gross Storage Capacity In Mm ³	Effective Storage Capacity In Mm ³
Berachia	1.85	6.86	5.51
Bhukhi	2.70	15.58	14.58
Don	0.72	2.275	1.385
Fatehgadh	5.29	7.45	6.63
Gajod	2.38	10.68	9.86
Godhatad	3.51	14.65	13.92
Jangadia	2.60	9.04	6.85
Kaila	2.32	14.00	232.50
Kalaghogha	1.17	4.98	4.26
Kankavati	3.54	14.61	13.25
Kaswati	1.95	8.88	8.23
Mathal	2.80	10.70	9.60
Mitti	6.20	17.40	14.72
Nara	9.67	41.03	38.82
Niruna	3.67	30.19	25.19
Tapar	11.45	48.82	13.64
Rudramata	8.20	64.74	55.70
Sanandro	3.17	12.27	11.75
Suvi	4.40	14.28	11.90
Gajansar	1.64	9.52	7.44

GENERAL DETAILS FOR MINOR IRRIGATION SCHEMES

Annexure 5 shows the general details for minor irrigation schemes of Kutch.

Annexure 5 Details of Minor Irrigation Schemes

Name Of Scheme	Taluka	Catchment Area In km ²	Live Storage Capacity MCM	Gross Storage Capacity MCM	Gross Command Area in km ²
Andhau	Bhuj	12.10	0.02	0.82	5.00
Adhochhani	Nakhatrana	34.32	4.46	3.13	1.01
Adhoi-1	Bhachau	22.01	3.23	1.54	7.68
Adhoi-2	Bhachau	22.53	-	-	-
Amarapar	Bhachau	7.77	0.52	0.45	-
Bhuj	Bhuj	85.47	6.39	5.21	1.62
Baukha	Bhuj	7.82	1.07	0.55	1.83

Name Of Scheme	Taluka	Catchment Area In km ²	Live Storage Capacity MCM	Gross Storage Capacity MCM	Gross Command Area in km ²
Bandra	Bhuj	6.71	0.27	0.22	2.02
Bhuvad	Anjar	14.76	1.56	0.89	2.03
Bhalot	Anjar	7.51	0.44	0.38	1.62
Bhadreshwar	Mundra	51.02	8.51	3.53	12.78
Balachor	Abdasa	49.21	5.01	3.77	10.91
Balaparbudadhro	Abdasa	95.83	13.15	9.61	36.36
Burkhan	Abdasa	32.63	2.69	1.88	7.40
Balwantsagar	Abdasa	14.50	0.91	0.77	2.43
Bharapar	Abdasa	18.91	0.92	1.00	3.24
Butta	Abdasa	26.94	2.61	2.38	2.84
Bhadhra	Lakhpat	67.34	7.19	5.25	10.61
Bhekhado	Lakhpat	13.86	1.49	1.17	1.97
Baranda	Lakhpat	22.01	3.11	1.64	6.87
Badargadh Shivilakha	Rapar	50.50	7.50	2.85	15.86
Bela	Rapar	16.83	2.90	1.85	8.89
Bambhanka	Bhachau	18.65	2.41	0.46	4.45
Chunadi	Bhuj	6.73	0.40	0.28	3.50
Chhasara	Mundra	56.98	5.82	4.57	18.99
Chavadka	Nakhatrana	6.47	2.02	1.57	3.20
Chakuda Bandiya	Abdasa	5.44	0.28	0.21	1.14
Chang	Bhachau	45.32	6.89	6.94	18.59
Dhrang	Bhuj	2.59	0.26	0.24	8.81
Dhaneti	Bhuj	36.00	4.16	2.68	6.41
Devalia	Anjar	23.31	2.67	1.67	0.02
Dedhiya	Mandvi	-	1.55	0.11	4.24
Dhunai	Mandvi	12.95	1.81	1.51	5.25
Darshadi	Mandvi	8.29	1.05	0.71	2.43
Dhokada	Mandvi	30.23	2.14	2.13	3.65
Devsar	Nakhatrana	27.58	2.09	1.11	2.22
Dhavda	Nakhatrana	8.42	0.01	0.01	1.82
Dhreshi	Lakhpat	56.20	2.42	2.42	6.67
Dedrani	Lakhpat	16.96	0.43	0.43	5.03
Edmond	Bhuj	12.30	0.99	0.99	0.39
Fakirwadi	Bhuj	4.14	0.98	0.98	2.43
Fulay	Bhuj	6.47	0.31	0.31	1.14
Facharia	Mundra	5.18	0.46	0.46	1.62
Faradi	Mandvi	47.91	6.18	6.18	10.58
Filon	Mandvi	6.29	0.41	0.41	-
Fulara	Lakhpat	36.26	5.56	5.56	8.89
Fatehgadh	Rapar	36.91	3.23	3.23	5.66
Goniyasar	Mandvi	6.47	0.59	0.59	5.66
Godadiya	Mandvi	12.95	2.46	1.26	3.24
Godalakha	Mandvi	16.99	0.87	0.87	-
Gadaputa	Nakhatrana	31.60	1.34	1.34	3.32
Gugariana	Nakhatrana	7.12	0.67	0.57	2.89
Gohela	Abdasa	65.22	5.77	3.04	7.28

Name Of Scheme	Taluka	Catchment Area In km ²	Live Storage Capacity MCM	Gross Storage Capacity MCM	Gross Command Area in km ²
Gopalwari wandh	Lakhpat	9.06	0.69	0.97	2.02
Guhar	Lakhpat	-	-	-	-
Gadhadi Rasaj	Rapar	3.63	0.01	0.01	0.78
Gadadhro	Bhachau	11.78	0.44	2.77	1.50
Habay	Bhuj	3.37	0.27	0.27	0.81
Hatadi	Mundra	22.79	4.58	3.23	18.99
Halara	Bhachau	4.14	0.01	0.01	1.32
Jaday	Nakhatrana	13.47	1.70	1.00	3.64
Junachoy	Lakhpat	7.77	0.01	0.01	1.42
Jatawada	Rapar	5.83	0.70	0.70	6.47
Jadawash	Rapar	19.42	2.37	1.72	7.48
Jatawada - 2	Rapar	5.49	0.41	0.41	1.32
Janan	Bhachau	14.76	0.89	0.89	2.83
Jadasha	Bhachau	11.53	1.36	0.95	3.24
Kalyanpar	Bhuj	14.50	2.07	1.50	4.85
Kotay	Bhuj	2.59	0.17	0.17	0.81
Khavda	Bhuj	10.36	0.74	0.74	1.61
Kunaria	Bhuj	13.73	0.03	0.92	4.67
Kumbharia	Anjar	7.77	0.56	0.56	1.52
Khirsara	Anjar	3.47	0.34	0.30	0.61
Khengarsagar	Mundra	151.51	1.56	9.80	18.18
Kanjara	Mundra	28.49	5.12	5.01	8.89
Kharod	Mandvi	94.53	13.84	9.11	18.21
Kotadi	Mandvi	1.94	0.27	0.25	0.81
Kharadiya	Nakhatrana	36.99	2.55	1.68	7.28
Kotadaroha	Nakhatrana	15.80	0.03	0.74	1.62
Kadoli	Abdasa	49.21	4.86	3.41	8.08
Kuapadhar	Abdasa	43.77	2.66	2.63	8.73
Kharwa	Abdasa	2.85	0.56	0.38	0.41
Kapadisar	Abdasa	3.24	0.32	0.20	6.41
Kalawandh	Abdasa	4.92	0.40	-	0.41
Kanoj	Lakhpat	18.13	2.63	1.27	2.72
Koriyani	Lakhpat	20.07	2.70	1.26	3.15
Kalyanpur	Rapar	7.25	3.09	2.46	1.05
Karundra	Rapar	29.78	7.72	7.02	8.08
Khodasar	Bhachau	8.94	3.03	0.69	3.65
Kakarwa	Bhachau	10.13	2.99	0.82	1.85
Ler	Bhuj	14.50	2.21	1.69	4.47
Lotia	Bhuj	20.72	1.00	1.00	2.63
Loriya	Bhuj	9.58	0.57	0.46	1.03
Ludwa	Mandvi	34.03	0.93	0.80	3.40
Lakhpat	Lakhpat	5.18	13.44	0.30	0.70
Lilpar - 1	Rapar	18.91	2.53	1.84	4.53
Lilpar - 2	Rapar	18.91	3.22	1.53	5.82
Lodrani	Rapar	17.61	1.42	1.42	4.60
Lunwa	Bhachau	11.65	0.85	0.85	2.83

Name Of Scheme	Taluka	Catchment Area In km ²	Live Storage Capacity MCM	Gross Storage Capacity MCM	Gross Command Area in km ²
Mamuara	Bhuj	7.77	0.74	0.74	2.43
Madhapar - 1	Bhuj	1.81	0.10	0.70	2.43
Madhapar - 2	Bhuj	6.73	0.39	0.10	1.22
Mankuwa	Bhuj	14.87	0.03	0.89	0.70
Mapar	Mandvi	12.98	0.92	0.92	2.83
Momaymora	Mandvi	3.26	0.38	0.38	1.31
Manjal Reladia	Abdasa	14.89	0.82	0.79	1.82
Meghpar	Lakhpat	20.28	0.28	0.21	1.22
Maniara	Lakhpat	9.63	0.02	0.55	1.22
Morchabana	Lakhpat	9.84	0.68	0.47	1.86
Mewasa	Rapar	67.34	8.25	5.80	14.95
Mauana	Rapar	4.14	0.46	0.46	1.22
Naranpar	Bhuj	12.17	0.90	0.90	2.83
Natharkui	Bhuj	13.99	0.03	0.93	2.71
Nana Angia	Nakhatrana	17.09	1.16	1.16	3.64
Nalia	Abdasa	82.88	4.41	4.61	10.10
Naniber	Abdasa	27.97	3.10	2.05	6.06
Nandasar	Rapar	35.35	3.02	2.68	9.73
Padhdhar	Bhuj	4.92	0.38	0.37	1.21
Patalia	Anjar	-	-	-	-
Phot	Mundra	18.13	3.48	2.30	10.91
Pundi	Mandvi	5.70	0.60	0.52	1.62
Piyoni	Abdasa	15.80	0.68	0.51	3.03
Palanswa	Rapar	10.36	1.02	0.50	2.53
Ratia	Bhuj	20.07	0.91	0.91	3.64
Rapar Khokhara	Anjar	41.44	6.22	2.85	12.12
Ratnal	Anjar	29.78	1.67	1.32	5.66
Ratadia	Mundra	13.73	1.96	1.56	2.49
Rajda	Mandvi	121.60	13.65	11.65	21.27
Rakhadi	Abdasa	33.67	3.19	2.07	10.10
Ratanpar	Bhachau	7.15	0.69	0.69	1.39
Shamatra	Bhuj	4.45	0.26	0.26	0.81
Sadhara	Bhuj	11.78	0.45	0.38	3.24
Satapar	Anjar	56.98	3.07	2.84	8.53
Surkhan	Anjar	58.27	5.77	4.44	20.20
Serai	Mundra	56.98	3.82	3.67	6.05
Sarguala	Abdasa	36.26	2.87	1.93	8.08
Sanosara	Abdasa	235.43	0.04	1.27	2.92
Sanwa	Rapar	17.09	2.74	1.77	6.06
Tara	Nakhatrana	28.49	2.69	1.60	5.66
Tharawada	Nakhatrana	9.84	0.98	0.47	1.35
Ulat	Nakhatrana	4.92	-	-	-
Umarapar	Nakhatrana	1.58	0.02	0.82	3.50
Usthiya	Abdasa	10.36	0.82	0.79	2.83
Vadjar	Bhuj	5.62	0.13	0.13	1.00
Varshamedi	Anjar	12.95	1.11	1.09	3.64

Name Of Scheme	Taluka	Catchment Area In km ²	Live Storage Capacity MCM	Gross Storage Capacity MCM	Gross Command Area in km ²
Vovar	Mundra	9.27	0.84	0.75	4.50
Vijaysagar	Mandvi	229.21	26.40	20.82	0.61
Vanothi	Mandvi	36.26	4.16	2.59	6.47
Vengdi	Mandvi	90.65	9.13	6.92	16.16
Virani	Mandvi	2.75	1.01	0.66	2.02
Vighodi	Nakhatrana	24.86	3.26	1.96	6.47
Vayor	Abdasa	7.77	1.12	0.75	2.02
Vaghapadhar	Abdasa	12.43	0.84	0.63	1.82
Vamoti	Abdasa	8.29	0.58	0.45	1.22
Wandh	Mandvi	6.99	0.25	0.82	2.43
Wadatharawada	Anjar	16.83	1.01	0.82	3.41
Wandh	Bhuj	9.06	0.97	0.80	2.43
Wamka	Bhachau	5.18	0.67	0.67	2.02
Wasthawa	Bhachau	16.32	2.19	2.19	-
Zuran	Bhuj	14.76	1.32	0.93	3.62
Zumara	Bhuj	7.25	1.10	1.10	3.64
Zinkdi - 1	Bhuj	2.59	0.43	0.41	1.58
Zinkdi - 2	Bhuj	2.85	0.41	0.41	-
Zalu	Nakhatrana	9.84	-	-	-
Khedoi	Anjar	56.46	2.38	2.06	-
Bharudiya	Bhachau	16.27	1.53	1.35	-

GENERAL DETAILS FOR CHECK DAMS

Annexure 6 shows the details for checkdams of Kutch.

Annexure 6 Details of Checkdams

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Anjar	Anjar	20.00	0.24	2.38	1.50
Anjar	Dudhai	12.00	0.14	1.43	1.50
Anjar	Dudhai	16.00	0.13	1.32	1.25
Anjar	Amarapar	20.00	0.11	1.06	1.00
Anjar	Bhavanipar	17.00	0.09	0.90	1.00
Abdasa	Charopadi Nani	68.00	0.05	26.00	1.80
Anjar	Meghpar	77.00	0.07	70.00	3.20
Mandvi	Nanikhakhar	50.00	4.06	22.00	3.00
Mandvi	Bidada	15.00	1.59	9.00	1.50
Mundra	Wanki	80.00	4.77	18.00	2.00
Mundra	Motitumbdi	105.00	6.96	26.00	1.90
Bhuj	Mamuara-Lakhond	50.00	4.94	46.00	4.00
Lakhpatri	Guneri	75.00	0.08	30.00	3.60

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Mandvi	Gadhshisha	30.00	2.61	14.00	2.00
Anjar	Bhuvad	39.00	2.97	18.00	6.00
Mandvi	Rampar	45.00	8.12	44.00	2.50
Rapar	Bela	48.00	6.00	52.00	3.50
Bhuj	Chakar(Kotda)	80.00	4.41	41.00	3.00
Mandvi	Nanikhakhar	50.00	3.53	19.00	3.00
Abdasa	Suthari	60.50	0.02	25.00	2.20
Bhuj	Kundanpar Kera	73.00	2.76	22.00	2.00
Bhachau	Navagam	50.00	0.03	34.00	2.00
Mundra	Waghura	15.00	1.48	6.00	2.00
Anjar	Nagavaladia	90.00	0.02	78.00	1.80
Mandvi	Koday	39.00	0.04	20.00	3.50
Anjar	Modvadar	50.00	0.01	14.00	1.80
Abdasa	Rapargarh	79.00	0.05	123.00	2.10
Rapar	Umaiya	18.00	4.94	43.00	2.70
Anjar	Devalia	80.00	0.07	25.00	2.00
Bhuj	Bhujodi	50.00	5.65	53.00	3.50
Anjar	Padana	105.00	0.05	24.00	2.00
Mandvi	Bhadai	60.00	3.36	18.00	1.50
Anjar	Padana	65.00	0.02	16.00	1.80
Bhuj	Bhujodi	60.00	5.93	56.00	4.00
Abdasa	Vayor	41.00	0.02	55.00	2.30
Mundra	Vadala	58.00	0.03	35.00	2.80
Bhuj	Varali	40.00	3.89	36.00	3.50
Mundra	Pragpar	47.00	0.08	31.00	2.80
Mandvi	Rampar	15.00	3.53	19.00	3.00
Mandvi	Vingadiya	30.00	3.89	21.00	2.00
Mandvi	Bada	28.50	0.01	25.00	1.80
Mundra	Bhujpar	24.00	0.02	14.00	1.80
Mundra	Kapaya Mota	42.00	0.03	15.00	3.20
Mundra	Gelada	42.00	0.03	18.00	1.90
Rapar	Sanva	60.00	5.47	47.00	2.10
Abdasa	Suthari	45.00	0.02	19.00	2.50
Abdasa	Moti Sindhodi	90.00	0.03	245.00	2.50
Mandvi	Pipari	50.00	0.18	25.00	2.00
Rapar	Gagodar	40.00	0.01	20.00	2.80
Mandvi	Nani Khakhar	14.00	0.01	14.00	3.50
Abdasa	Suthari	16.00	0.01	13.00	3.00
Abdasa	Suthari	52.00	0.02	40.00	3.20

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Abdasa	Lathedi	46.00	0.03	30.00	2.60
Rapar	Jatawada	15.00	3.96	34.00	2.50
Mundra	Gundala	44.00	0.00	20.00	2.00
Lakhpat	Kharai	20.00	2.47	20.00	3.00
Rapar	Balasari	28.00	0.02	14.00	3.50
Mandvi	Rampar	35.00	4.31	23.00	2.00
Bhuj	Akau	30.00	2.40	22.00	2.40
Mandvi	Layja Nana	18.00	0.01	15.00	1.80
Mundra	Kapaya Mota	28.00	0.02	15.00	1.80
Mundra	Kapaya Mota	23.00	0.01	16.00	2.00
Rapar	Chandrodi	39.75	0.02	20.00	3.00
Mundra	Ratadia	33.00	0.02	15.00	3.50
Rapar	Balasari	23.00	0.02	70.00	4.00
Bhuj	Chakar(Kotda)	22.00	3.00	28.00	4.40
Lakhpat	Fulara	21.00	2.47	20.00	3.50
Rapar	Chitrod	38.00	0.04	20.00	3.50
Bhuj	Sarli	27.00	6.71	63.00	5.40
Anjar	Tuna	50.00	0.01	26.00	3.00
Anjar	Modvadar	48.00	1.02	14.00	2.50
Mandvi	Virani	25.00	3.53	20.00	2.00
Anjar	Sanghad	45.00	0.02	20.00	2.30
Mandvi	Mau(Ratanaoar)	22.00	3.96	21.00	4.00
Mundra	Sama Ghogha	28.00	0.01	18.00	2.30
Bhuj	Vadasar	20.00	3.46	32.00	2.80
Mundra	Siracha	30.00	0.02	19.00	2.10
Mundra	Siracha	27.00	0.02	14.00	2.00
Bhachau	Nava Kataria	35.00	0.02	12.00	3.00
Mundra	Gundala	44.00	0.05	14.00	3.00
Mundra	Gelda	33.00	0.01	14.00	2.00
Mandvi	Madanpura	18.00	0.01	28.00	3.00
Rapar	Kumbhariya	30.00	0.41	8.00	1.50
Rapar	Sai	30.00	0.41	8.00	1.50
Rapar	Gauripar	30.00	0.41	8.00	1.50
Rapar	Bela	35.00	0.47	9.00	1.50
Rapar	Bansar	25.00	0.34	7.00	1.50
Rapar	Selari	30.00	0.41	8.00	1.50
Rapar	Sanava	25.00	0.34	7.00	1.50
Rapar	Jatavada	30.00	0.41	8.00	1.50
Rapar	Nagthar	25.00	0.34	7.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Rapar	Somani Wandh	31.00	0.42	8.00	1.50
Rapar	Bhutakiya	30.00	0.41	8.00	1.50
Rapar	Anandpar	20.00	0.27	5.00	1.50
Rapar	Vallabhpar	30.00	0.41	8.00	1.50
Bhachau	Rampar	34.75	0.20	13.20	2.00
Bhachau	Lakhpatt	40.10	0.20	15.20	2.00
Bhachau	Lakhpatt	40.00	0.20	14.40	1.95
Bhachau	Adhoi	25.00	0.19	8.60	1.85
Bhachau	Kanthkot	31.05	0.20	11.00	1.85
Bhachau	Nara	34.80	0.19	12.50	1.80
Bhachau	Lakhpatt	25.30	0.20	8.80	1.85
Bhuj	Raydhanpar	18.00	0.55	3.00	3.56
Nakhatrana	Khirsara (Netra)	19.95	0.15	2.50	2.25
Nakhatrana	Khirsara (Netra)	10.00	0.15	1.50	2.35
Nakhatrana	Sanganara	15.00	0.10	1.50	1.60
Nakhatrana	Rasaliya	10.00	0.10	1.50	2.00
Nakhatrana	Bharapar	18.00	0.20	2.50	2.10
Nakhatrana	Kharadiya	10.00	0.20	2.50	2.35
Nakhatrana	Bhitara	10.00	0.20	2.50	2.65
Lakhpatt	Mindhiyari	15.00	0.10	1.50	1.50
Lakhpatt	Nahara	14.00	0.10	1.50	2.25
Lakhpatt	Chamara	15.00	0.10	1.50	1.70
Bhuj	Baukhasama	22.00	0.38	7.00	2.00
Rapar	Kumbhariya	28.00	0.38	7.00	1.50
Rapar	Kalyanpar	30.00	0.41	8.00	1.50
Rapar	Kalyanpar	28.00	0.38	7.00	1.50
Rapar	Kumbhariya	27.00	0.37	7.00	1.50
Rapar	Moti Hamirpar	30.00	0.41	8.00	1.50
Rapar	Gagodar	30.00	0.41	8.00	1.50
Rapar	Gagodar	25.00	0.34	7.00	1.50
Rapar	Bhimasar	28.00	0.38	7.00	1.50
Rapar	Lodrani	29.00	0.39	8.00	1.50
Rapar	Badarpar	30.00	0.41	8.00	1.50
Rapar	Kumbhariya	28.00	0.38	7.00	1.50
Rapar	Gagodar	31.00	0.42	8.00	1.50
Rapar	Dhabda	25.00	0.34	7.00	1.50
Rapar	Lakhagadh	30.00	0.41	8.00	1.50
Rapar	Momay Mora	25.00	0.34	7.00	1.50
Rapar	Ganeshpar	30.00	0.41	8.00	1.50

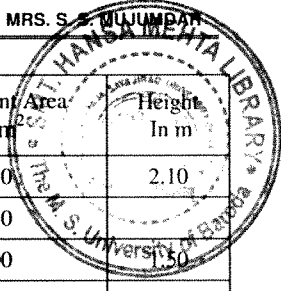
Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Rapar	Amarapar	20.00	0.27	5.00	1.50
Rapar	Amarapar	30.00	0.41	8.00	1.50
Rapar	Momay Mora	25.00	0.34	7.00	1.50
Rapar	Lodrani	37.00	0.50	10.00	1.50
Rapar	Gagodar	25.00	0.34	7.00	1.50
Rapar	Gagodar	30.00	0.41	8.00	1.50
Rapar	Chhotapar	30.00	0.41	8.00	1.50
Rapar	Manjuvas	30.00	0.41	8.00	1.50
Rapar	Selari	30.00	0.41	8.00	1.50
Rapar	Rapar	25.00	0.34	7.00	1.50
Rapar	Selari	30.00	0.41	8.00	1.50
Rapar	Selari	30.00	0.41	8.00	1.50
Rapar	Rapar	25.00	0.34	7.00	1.50
Rapar	Nagthar	30.00	0.41	8.00	1.50
Rapar	Chhotapar	30.00	0.41	8.00	1.50
Rapar	Suvai	29.00	0.39	8.00	1.50
Rapar	Dhabda	30.00	0.41	8.00	1.50
Rapar	Rapar	26.00	0.35	7.00	1.50
Rapar	Vallabhpar	30.00	0.41	8.00	1.50
Rapar	Lakhagadh	30.00	0.41	8.00	1.50
Rapar	Lakhagadh	30.00	0.41	8.00	1.50
Rapar	Bhutakiya	30.00	0.41	8.00	1.50
Rapar	Fatehgadh	30.00	0.41	8.00	1.50
Rapar	Bhangera	30.00	0.41	8.00	1.50
Rapar	Rapar	25.00	0.34	7.00	1.50
Rapar	Nilpar	30.00	0.41	8.00	1.50
Rapar	Kalyanpar	30.00	0.41	8.00	1.50
Rapar	Manaba	30.00	0.41	8.00	1.50
Rapar	Dhabda	30.00	0.41	8.00	1.50
Rapar	Gadhada	30.00	0.41	8.00	1.50
Rapar	Moda	30.00	0.41	8.00	1.50
Rapar	Anandpar	30.00	0.41	8.00	1.50
Rapar	Vekra	30.00	0.41	8.00	1.50
Rapar	Vekra	28.00	0.38	7.00	1.50
Rapar	Dabhunda	34.00	0.46	9.00	1.50
Rapar	Chakasari Wandh	30.00	0.41	8.00	1.50
Rapar	Anandpar	32.00	0.43	8.00	1.50
Rapar	Khara Kuva	31.00	0.42	8.00	1.50
Rapar	Nilpar	31.00	0.42	8.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Bhachau	Karmaria	34.50	0.19	12.20	1.90
Nakhatrana	Jaday	13.25	0.30	3.00	2.00
Nakhatrana	Vesalper	15.00	0.25	2.00	2.00
Bhachau	Adhoi	31.20	0.19	11.00	1.75
Bhachau	Vandhiya	32.00	0.19	12.00	1.80
Bhachau	Gharana	30.00	0.19	11.80	1.75
Bhachau	Rampar	40.60	0.20	15.10	1.90
Mandvi	Rajpar	50.00	0.36	2.00	3.30
Nakhatrana	Kotada(Jadodar)	25.00	0.15	2.00	1.40
Nakhatrana	Kotada(Jadodar)	10.00	0.10	1.50	2.25
Nakhatrana	Rasaliya	15.00	0.10	1.50	2.30
Nakhatrana	Mota Valka	15.00	0.20	2.50	2.65
Nakhatrana	Mota Valka	15.00	0.15	2.00	2.15
Nakhatrana	Vadava Bhopa	12.00	0.20	2.50	2.65
Nakhatrana	Charakhada	15.00	0.20	2.50	2.10
Lakhpat	Panandhro	15.00	0.15	2.00	1.20
Lakhpat	Chamara	10.00	0.20	2.50	
Bhuj	Madhapar	23.50	0.44	8.00	2.00
Rapar	Gagodar	30.00	0.41	8.00	1.50
Rapar	Lakhagadh	30.00	0.41	8.00	1.50
Rapar	Bhutakiya	30.00	0.41	8.00	1.50
Rapar	Kumbhariya	30.00	0.41	8.00	1.50
Rapar	Kalyanpar	28.00	0.38	7.00	1.50
Rapar	Shirani Wandh	30.00	0.41	8.00	1.50
Rapar	Lodrani	27.00	0.37	7.00	1.50
Rapar	Lodrani	27.00	0.37	7.00	1.50
Rapar	Lodrani	33.00	0.45	9.00	1.50
Rapar	Lodrani	35.00	0.47	9.00	1.50
Rapar	Sany	25.00	0.34	7.00	1.50
Rapar	Rapar	30.00	0.41	8.00	1.50
Rapar	Sai	28.00	0.38	7.00	1.50
Rapar	Dhabda	35.00	0.47	9.00	1.50
Rapar	Ganeshpar	25.00	0.34	7.00	1.50
Rapar	Sany	34.00	0.46	9.00	1.50
Rapar	Bhangera	30.00	0.41	8.00	1.50
Rapar	Bhangera	30.00	0.41	8.00	1.50
Rapar	Desalpar	25.00	0.34	7.00	1.50
Rapar	Amarapar	30.00	0.41	8.00	1.50
Rapar	Lodrani	35.00	0.47	9.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Rapar	Adesar	25.00	0.34	7.00	1.50
Rapar	Moda	25.00	0.34	7.00	1.50
Rapar	Vrujvani	25.00	0.34	7.00	1.50
Rapar	Lakhagadh	30.00	0.41	8.00	1.50
Rapar	Khandek	25.00	0.34	7.00	1.50
Rapar	Selari	30.00	0.41	8.00	1.50
Rapar	Bela	30.00	0.41	8.00	1.50
Rapar	Vekra	28.00	0.38	7.00	1.50
Rapar	Kanpar	30.00	0.41	8.00	1.50
Rapar	Chhotapar	15.00	0.20	4.00	1.50
Rapar	Vekra	30.00	0.41	8.00	1.50
Rapar	Bhangera	30.00	0.41	8.00	1.50
Rapar	Palasava	28.00	0.38	7.00	1.50
Rapar	Badalpar	30.00	0.41	8.00	1.50
Rapar	Vrujvani	30.00	0.41	8.00	1.50
Rapar	Lakhagadh	30.00	0.41	8.00	1.50
Rapar	Dabhunda	29.00	0.39	8.00	1.50
Rapar	Vrujvani	30.00	0.41	8.00	1.50
Rapar	Vrujvani	30.00	0.41	8.00	1.50
Rapar	Gadhada	30.00	0.41	8.00	1.50
Rapar	Shirani Wandh	25.00	0.34	7.00	1.50
Rapar	Palasava	35.00	0.47	9.00	1.50
Rapar	Shivlakha Wandh	31.00	0.42	8.00	1.50
Rapar	Vekra	31.00	0.42	8.00	1.50
Rapar	Sany	27.00	0.37	7.00	1.50
Rapar	Chhotapar	30.00	0.41	8.00	1.50
Rapar	Bambhansar	30.00	0.41	8.00	1.50
Rapar	Thanpar	15.00	0.20	4.00	1.50
Bhachau	Lakhpat	25.20	0.18	9.60	1.55
Bhachau	Lakhpat	25.30	0.16	11.10	1.80
Nakhatrana	Jaday	15.00	0.35	3.00	1.00
Nakhatrana	Dhoro	14.50	2.50	1.55	1.55
Mandvi	Bidada	27.00	0.20	20.00	1.50
Bhachau	Vandh	28.50	0.19	10.80	1.75
Bhachau	Kankhoie	24.50	0.19	10.50	1.80
Nakhatrana	Ukheda	15.00	0.10	1.50	1.85
Nakhatrana	Sanganara	12.00	0.15	2.00	2.60
Nakhatrana	Jaday	15.00	0.20	2.50	2.15
Nakhatrana	Rasaliya	15.00	0.10	1.50	2.20

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Nakhatrana	Ugedi	15.00	0.10	1.50	1.10
Nakhatrana	Haripura	10.00	0.20	2.50	2.10
Nakhatrana	Rasaliya	10.00	0.20	2.50	1.65
Nakhatrana	Vadava Bhopa	12.00	0.20	2.50	2.65
Bhuj	Kalyanpar	17.00	0.32	6.00	1.50
Rapar	Sanava	35.00	0.47	9.00	1.50
Rapar	Thanpar	20.00	0.27	5.00	1.50
Rapar	Kumbhariya	27.00	0.37	7.00	1.50
Rapar	Bela	25.00	0.34	7.00	1.50
Rapar	Makhel	30.00	0.41	8.00	1.50
Rapar	Amarapar	30.00	0.41	8.00	1.50
Rapar	Chitrod	35.00	0.47	9.00	1.50
Rapar	Selari	30.00	0.41	8.00	1.50
Rapar	Chhotapar	34.00	0.46	9.00	1.50
Rapar	Palasava	28.00	0.38	7.00	1.50
Rapar	Kalyanpar	28.00	0.38	7.00	1.50
Rapar	Godadhro	25.00	0.34	7.00	1.50
Rapar	Mandvia Wandh	27.00	0.37	7.00	1.50
Rapar	Vallabhpar	30.00	0.41	8.00	1.50
Rapar	Desalpar	26.00	0.35	7.00	1.50
Rapar	Chhotapar	30.00	0.41	8.00	1.50
Rapar	Tindlva	31.00	0.42	8.00	1.50
Rapar	Kanmer	27.00	0.37	7.00	1.50
Rapar	Mandvia Wandh	30.00	0.41	8.00	1.50
Rapar	Mandvia Wandh	27.00	0.37	7.00	1.50
Rapar	Adesar	29.00	0.39	8.00	1.50
Bhachau	Adhoi	30.50	0.18	10.00	1.90
Bhachau	Adhoi	30.50	0.18	11.00	1.65
Nakhatrana	Baru	8.00	0.10	1.50	1.85
Lakhat	Dayapar	15.00	0.10	1.50	2.25
Lakhat	Dayapar	15.00	0.15	2.00	2.50
Lakhat	Rodasasr	15.00	0.10	1.50	
Lakhat	Chamara	15.00	0.10	1.50	
Bhuj	Vadasar	16.00	0.35	5.00	2.50
Bhuj	Jadura	19.00	0.50	6.00	2.30
Rapar	Kidiyanagar	25.00	0.34	7.00	1.50
Rapar	Gagodar	27.00	0.37	7.00	1.50
Rapar	Kumbhariya	27.00	0.37	7.00	1.50
Rapar	Kalyanpar	27.00	0.37	7.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Rapar	Ramvav	27.00	0.37	7.00	1.50
Rapar	Kidiyanagar	40.00	0.54	10.00	1.50
Rapar	Bhimasar	27.00	0.37	7.00	1.50
Rapar	Momay Mora	30.00	0.41	8.00	1.50
Rapar	Kanmer	30.00	0.41	8.00	1.50
Rapar	Sonalva	30.00	0.41	8.00	1.50
Bhachau	Nara	30.30	0.19	10.50	1.80
Nakhatrana	Ukheda	15.00	0.10	2.00	1.95
Nakhatrana	Jiyapar	20.00	0.15	1.50	2.10
Nakhatrana	Rasaliya	15.00	0.10	1.50	2.20
Nakhatrana	Vyara	18.00	0.10	1.50	2.25
Nakhatrana	Haripura	10.00	0.20	2.50	2.10
Lakhpat	Fulra	15.00	0.20	2.50	
Bhuj	Zura	23.00	0.40	7.00	2.00
Rapar	Bhimasar	27.00	0.37	7.00	1.50
Rapar	Nani Hamirpar	30.00	0.41	8.00	1.50
Rapar	Sarsala	33.00	0.45	9.00	1.50
Rapar	Kidiyanagar	27.00	0.37	7.00	1.50
Rapar	Mauvana	35.00	0.47	9.00	1.50
Rapar	Gagodar	20.00	0.27	5.00	1.50
Rapar	Khirai	30.00	0.41	8.00	1.50
Rapar	Kuda Jampar	25.00	0.34	7.00	1.50
Rapar	Kidiyanagar	27.00	0.37	7.00	1.50
Rapar	Pandyagadh	28.00	0.38	7.00	1.50
Rapar	Khirai	25.00	0.34	7.00	1.50
Rapar	Ganeshpar	20.00	0.27	5.00	1.50
Rapar	Bambhansar	23.00	0.31	6.00	1.50
Nakhatrana	Vesalpar	10.00	0.20	2.50	2.60
Nakhatrana	Danda	10.00	0.20	2.50	2.35
Nakhatrana	Rasaliya	15.00	0.15	2.50	2.05
Lakhpat	Mindhiyari	10.00	0.10	1.50	2.70
Bhuj	Jadura	19.00	0.45	6.00	2.30
Rapar	Lodrani	28.00	0.38	7.00	1.50
Rapar	Bhimasar	28.00	0.38	7.00	1.50
Rapar	Kidiyanagar	30.00	0.41	8.00	1.50
Rapar	Pandyagadh	30.00	0.41	8.00	1.50
Rapar	Palasava	29.00	0.39	8.00	1.50
Rapar	Chhotapar	30.00	0.41	8.00	1.50
Nakhatrana	Ammara	15.00	0.15	1.50	1.95



Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Nakhatrana	Vyara	10.00	0.15	2.50	2.10
Lakhpat	Chamara	15.00	0.20	2.50	
Rapar	Bela	25.00	0.34	7.00	1.50
Rapar	Kumbhariya	30.00	0.41	8.00	1.50
Rapar	Momay Mora	30.00	0.41	8.00	1.50
Rapar	Lodrani	28.00	0.38	7.00	1.50
Rapar	Bhimasar	30.00	0.41	8.00	1.50
Rapar	Lakhagadh	25.00	0.34	7.00	1.50
Rapar	Vijapar	30.00	0.41	8.00	1.50
Rapar	Say (Gagodar)	25.00	0.34	7.00	1.50
Rapar	Gagodar	26.00	0.35	7.00	1.50
Rapar	Kalyanpar	26.00	0.35	7.00	1.50
Rapar	Pragpar	20.00	0.27	5.00	1.50
Rapar	Badargadh	25.00	0.34	7.00	1.50
Anjar	Amarapar	18.00	0.40	7.00	2.50
Bhuj	Kera	33.00	0.73	4.00	2.50
Nakhatrana	Ukheda	15.00	0.10	1.50	1.90
Nakhatrana	Baru	15.00	0.15	2.00	1.60
Nakhatrana	Rasaliya	15.00	0.15	2.50	2.10
Lakhpat	Chamara	10.00	0.20	2.50	
Bhuj	Zura	23.00	0.50	7.00	2.00
Rapar	Kumbhariya	30.00	0.41	8.00	1.50
Rapar	Bela	25.00	0.34	7.00	1.50
Rapar	Pandyagadh	30.00	0.41	8.00	1.50
Rapar	Adesar	25.00	0.34	7.00	1.50
Rapar	Ghanithal	30.00	0.41	8.00	1.50
Rapar	Palasava	26.00	0.35	7.00	1.50
Rapar	Anandpar	35.00	0.47	9.00	1.50
Nakhatrana	Vibhapar	10.00	0.15	1.50	1.50
Nakhatrana	Rasaliya	15.00	0.15	2.50	2.15
Nakhatrana	Vyara	7.70	0.15	2.50	2.50
Nakhatrana	Godhiyar	15.00	0.20	2.50	2.00
Nakhatrana	Bhimsar	10.00	0.20	2.50	2.55
Rapar	Varnu	37.00	0.50	10.00	1.50
Rapar	Adesar	26.00	0.35	7.00	1.50
Rapar	Adesar	25.00	0.34	7.00	1.50
Rapar	Chhotapar	26.00	0.35	7.00	1.50
Rapar	Adesar	30.00	0.41	8.00	1.50
Rapar	Ghanithal	28.00	0.38	7.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Rapar	Chhotapar	25.00	0.34	7.00	1.50
Nakhatrana	Vesalpar	10.00	0.15	2.50	2.65
Nakhatrana	Khirsara (Netra)	10.00	0.20	2.50	2.35
Nakhatrana	Bhitara	10.00	0.20	2.50	2.65
Rapar	Mevasa	28.00	0.38	7.00	1.50
Rapar	Balasari	28.00	0.38	7.00	1.50
Rapar	Lodrani	27.00	0.37	7.00	1.50
Rapar	Umaiya	30.00	0.41	8.00	1.50
Rapar	Mandvia Wandh	27.00	0.37	7.00	1.50
Bhuj	Naranpar	20.00	3.89	36.00	3.00
Nakhatrana	Charakhada	10.00	0.15	2.00	1.90
Rapar	Fulpara (Sanva)	20.00	0.27	5.00	1.50
Rapar	Fatehgadh	25.00	0.34	7.00	1.50
Rapar	Bhimasar	28.00	0.38	7.00	1.50
Rapar	Nilpar	25.00	0.34	7.00	1.50
Rapar	Bela	30.00	0.41	8.00	1.50
Rapar	Bhutakiya	35.00	0.47	9.00	1.50
Rapar	Nilpar	28.00	0.38	7.00	1.50
Nakhatrana	Vesalpar	7.70	0.15	2.00	2.75
Lakhpatri	Bhudha	22.00	0.15	2.00	1.45
Lakhpatri	Baranda	22.00	0.15	2.00	1.00
Abdasa	Rampar	25.00	0.28	60.00	1.50
Abdasa	Moti Charopadi	25.00	0.17	50.00	1.50
Abdasa	Vagot	25.00	0.17	60.00	1.50
Abdasa	Moti Charopadi	25.00	0.17	40.00	1.50
Abdasa	Nani Charopadi	25.00	0.12	50.00	1.50
Abdasa	Vagot	25.00	0.15	40.00	1.50
Abdasa	Aida	25.00	0.37	40.00	1.50
Abdasa	Khirsara (Ko.)	25.00	0.47	50.00	1.50
Rapar	Lodrani	30.00	0.41	8.00	1.50
Rapar	Bhimasar	30.00	0.41	8.00	1.50
Rapar	Kalyanpar	28.00	0.38	7.00	1.50
Rapar	Suvai	30.00	0.41	8.00	1.50
Rapar	Tindlva	29.00	0.39	8.00	1.50
Mundra	Ratadia	36.00	0.02	18.00	1.80
Lakhpatri	Bhadaranana	10.00	0.15	2.00	2.30
Rapar	Mauvana	30.00	0.41	8.00	1.50
Rapar	Rapar	20.00	0.27	5.00	1.50
Rapar	Bhutakiya	30.00	0.41	8.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Rapar	Lakhagadh	25.00	0.34	7.00	1.50
Rapar	Vanoi	30.00	0.41	8.00	1.50
Rapar	Shirani Wandh	30.00	0.41	8.00	1.50
Rapar	Fulpara (Sanva)	28.00	0.38	7.00	1.50
Rapar	Manaba	30.00	0.41	8.00	1.50
Rapar	Chhotapar	29.00	0.39	8.00	1.50
Rapar	Ghanithal	30.00	0.41	8.00	1.50
Rapar	Rapar	26.00	0.35	7.00	1.50
Rapar	Varnu	28.00	0.38	7.00	1.50
Bhuj	Sarli	15.00	1.97	18.00	2.00
Nakhatrana	Dador	8.00	0.10	1.50	1.85
Lakhpat	Gugariyana	20.00	0.10	1.50	0.60
Rapar	Anandpar	30.00	0.41	8.00	1.50
Rapar	Gagodar	27.00	0.37	7.00	1.50
Bhachau	Navakataria	35.00	0.02	11.00	3.00
Rapar	Bela	20.00	0.58	3.00	2.00
Nakhatrana	Ammara	15.00	0.20	2.50	2.00
Lakhpat	Dayapar	15.00	0.15	2.00	2.70
Rapar	Bela	25.00	0.34	7.00	1.50
Rapar	Kanmer	25.00	0.34	7.00	1.50
Rapar	Gedi	30.00	0.41	8.00	1.50
Rapar	Umaiya	25.00	0.34	7.00	1.50
Rapar	Bambhanka	25.00	0.34	7.00	1.50
Rapar	Sai	27.00	0.37	7.00	1.50
Lakhpat	Dayapar	25.00	0.10	1.50	
Rapar	Shivgadh	30.00	0.41	8.00	1.50
Rapar	Mevasa	26.00	0.35	7.00	1.50
Rapar	Sany	26.00	0.35	7.00	1.50
Rapar	Dabhunda	30.00	0.41	8.00	1.50
Nakhatrana	Jaday	12.00	0.25	2.50	1.00
Bhuj	Sanosara	25.00	0.44	14.00	2.00
Rapar	Chandrodi	28.00	0.01	17.00	2.20
Rapar	Bela	20.00	0.55	3.00	2.00
Rapar	Bela	20.00	0.55	3.00	2.00
Lakhpat	Bhadaramota	10.00	0.10	1.50	
Rapar	Momay Mora	25.00	0.34	7.00	1.50
Rapar	Gedi	30.00	0.41	8.00	1.50
Rapar	Kidiyanagar	26.00	0.35	7.00	1.50
Mandvi	Nani Khakar	20.00	0.15	15.00	2.00

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Nakhatrana	Jaday	15.00	0.20	2.50	2.00
Nakhatrana	Devpar	10.00	0.10	1.50	1.60
Lakhpatt	Subhaspar	10.00	0.10	1.50	
Rapar	Kidiyanagar	28.00	0.38	7.00	1.50
Rapar	Dabhunda	28.00	0.38	7.00	1.50
Nakhatrana	Mitichur	5.00	0.10	1.50	2.10
Bhuj	Ratiya	15.00	0.40	5.00	2.50
Rapar	Badargadh	25.00	0.34	7.00	1.50
Bhuj	Bharapar	33.00	0.60	3.00	2.45
Bhuj	Payarka	10.00	0.55	3.00	3.50
Mandvi	Durgapar	70.00	0.55	3.00	1.50
Bhuj	Jadura	15.00	0.40	5.00	2.50
Rapar	Shivgadhd	25.00	0.34	7.00	1.50
Rapar	Chhotapar	29.00	0.39	8.00	1.50
Rapar	Mevasa	30.00	0.41	8.00	1.50
Rapar	Varnu	26.00	0.35	7.00	1.50
Rapar	Dabhunda	31.00	0.42	8.00	1.50
Rapar	Ramvav	28.00	0.38	7.00	1.50
Rapar	Chhotapar	25.00	0.34	7.00	1.50
Nakhatrana	Baru	15.00	0.10	1.50	2.00
Nakhatrana	Virani	10.00	0.20	2.50	2.00
Lakhpatt	Bhudha	15.00	0.15	2.00	2.00
Nakhatrana	Jaday	15.00	0.15	2.00	1.90
Rapar	Bhutakiya	25.00	0.34	7.00	1.50
Rapar	Lodrani	30.00	0.41	8.00	1.50
Rapar	Mevasa	30.00	0.41	8.00	1.50
Mandvi	Bidda	15.00	0.55	3.00	1.50
Nakhatrana	Khirsara	16.00	0.55	3.00	3.65
Lakhpatt	Bhudha	22.00	0.10	1.50	1.20
Lakhpatt	Narad (Bhudha)	22.00	0.10	1.50	1.80
Lakhpatt	Godhatad	22.00	0.20	2.50	
Rapar	Momay Mora	25.00	0.34	7.00	1.50
Nakhatrana	Jiyapar	15.00	0.35	3.00	1.40
Bhuj	Zinkadi	19.00	0.35	6.00	2.00
Rapar	Dabhunda	30.00	0.41	8.00	1.50
Rapar	Bhimasar	30.00	0.41	8.00	1.50
Rapar	Tindlva	30.00	0.41	8.00	1.50
Nakhatrana	Jaday	14.50	0.30	3.00	1.45
Mandvi	Maska	30.00	2.83	15.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Nakhatrana	Mathal	10.00	0.10	1.50	2.55
Lakhpat	Nara	10.00	0.15	2.00	2.40
Rapar	Bela	25.00	0.34	7.00	1.50
Rapar	Kalyanpar	25.00	0.34	7.00	1.50
Rapar	Kalyanpar	27.00	0.37	7.00	1.50
Nakhatrana	Beru	14.50	0.30	2.50	1.00
Mandvi	Durgapur	30.00	0.15	20.00	1.00
Rapar	Say (Gagodar)	23.00	0.31	6.00	1.50
Abdasa	Hadapar	20.00	0.02	13.00	1.80
Nakhatrana	Anandsar	10.00	0.15	2.00	2.50
Nakhatrana	Vyara	15.00	0.10	1.50	2.15
Nakhatrana	Dhamay	20.00	0.20	2.50	2.00
Nakhatrana	Nakhatrana	10.00	0.20	2.50	2.65
Bhuj	Makhana	15.00	0.40	5.00	2.50
Rapar	Jatavada	30.00	0.41	8.00	1.50
Nakhatrana	Tara(Manjal)	15.00	0.25	2.00	1.50
Mandvi	Janakpar	20.00	0.55	3.00	1.00
Mandvi	Nani Undoth	15.00	0.36	2.00	1.50
Mandvi	Vada	35.00	0.02	13.00	2.00
Nakhatrana	Morzar	10.00	0.15	2.00	1.55
Lakhpat	Dayapar	20.00	0.15	2.00	1.65
Bhuj	Fotadi	20.00	0.35	6.00	2.00
Rapar	Mauvana	25.00	0.34	7.00	1.50
Rapar	Khirai	28.00	0.38	7.00	1.50
Bhuj	Bharapar	33.00	0.36	2.00	2.40
Mundra	Tappar	30.00	0.18	1.00	2.40
Rapar	Bhimasar	25.00	0.34	7.00	1.50
Rapar	Bhimasar	30.00	0.41	8.00	1.50
Rapar	Momay Mora	30.00	0.41	8.00	1.50
Rapar	Kidiyanagar	25.00	0.34	7.00	1.50
Rapar	Sarsala	25.00	0.34	7.00	1.50
Rapar	Kanmer	25.00	0.34	7.00	1.50
Rapar	Chhotapar	27.00	0.37	7.00	1.50
Rapar	Mandvia Wandh	28.00	0.38	7.00	1.50
Rapar	Kidiyanagar	25.00	0.34	7.00	1.50
Nakhatrana	Jiyapar	16.00	0.30	3.00	1.25
Lakhpat	Panandhro	15.00	3.00	1.45	1.45
Mandvi	Durgapur	15.00	0.36	2.00	1.00
Mundra	Babiya	30.00	0.36	2.00	4.85

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Rapar	Kalyanpar	28.00	0.38	7.00	1.50
Rapar	Vekra	24.00	0.32	6.00	1.50
Rapar	Sanava	30.00	0.41	8.00	1.50
Rapar	Badargadh	25.00	0.34	7.00	1.50
Abdasa	Suthari	24.00	0.03	22.00	3.40
Nakhatrana	Virani	10.00	0.20	2.50	2.00
Lakhatpat	Bhadaranana	15.00	0.10	1.50	
Lakhatpat	Bhadaranana	10.00	0.10	1.50	
Lakhatpat	Chamara	10.00	0.10	1.50	
Rapar	Gagodar	20.00	0.27	5.00	1.50
Rapar	Chitrod	26.00	0.35	7.00	1.50
Mandvi	Nani Undoth	15.00	0.36	2.00	1.85
Nakhatrana	Motadhavada	10.00	0.15	1.50	1.65
Nakhatrana	Tara (Manjal)	9.90	0.15	1.50	0.75
Nakhatrana	Tara (Manjal)	9.90	0.15	2.00	2.25
Nakhatrana	Palanpur	10.00	0.15	2.50	2.10
Nakhatrana	Palanpur	10.00	0.10	1.50	1.95
Nakhatrana	Tara (Manjal)	10.00	0.20	2.00	2.35
Rapar	Nani Hamirpar	30.00	0.41	8.00	1.50
Nakhatrana	Gajansar	14.00	2.50	0.16	1.60
Bhachau	Laliyana	29.10	0.19	12.10	1.85
Bhachau	Kanthkot	19.20	0.17	9.20	2.05
Nakhatrana	Manjal	10.00	0.10	1.50	1.90
Lakhatpat	Baiyava	10.00	0.10	1.50	2.50
Nakhatrana	Laxmipar (Tara)	10.00	0.10	1.50	1.80
Rapar	Ganeshpar	23.00	0.31	6.00	1.50
Rapar	Nandasar	30.00	0.41	8.00	1.50
Nakhatrana	Kotada(Jadodar)	15.00	0.15	2.50	2.45
Nakhatrana	Motadhavada	10.00	0.15	2.00	1.70
Nakhatrana	Motadhavada	10.00	1.10	1.50	1.80
Nakhatrana	Dashalpar (Gutli)	10.00	0.15	2.00	1.85
Rapar	Khodasar	32.00	0.04	50.00	2.00
Nakhatrana	Dhoro	10.00	0.15	2.00	2.10
Nakhatrana	Laxmipar (Tara)	10.00	0.10	2.00	1.75
Rapar	Nandasar	28.00	0.38	7.00	1.50
Rapar	Rapar	20.00	0.55	3.00	2.00
Nakhatrana	Jaday	15.00	0.20	2.50	2.15
Nakhatrana	Vyara	10.00	0.10	1.50	1.90
Rapar	Thanpar	31.00	0.42	8.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Rapar	Lodrani	25.00	0.34	7.00	1.50
Anjar	Bhalot	27.00	0.48	10.00	2.00
Nakhatrana	Vithon	10.00	0.15	1.50	2.55
Nakhatrana	Ravapar	10.00	0.20	2.50	2.55
Bhuj	Fotadi	22.00	0.30	9.00	2.00
Nakhatrana	Mota Godhiya	8.00	0.20	2.50	2.50
Nakhatrana	Ravapar	8.00	0.20	2.50	2.40
Nakhatrana	Ludbay	10.00	0.20	2.00	2.25
Rapar	Verasara	25.00	0.34	7.00	1.50
Mandvi	Gangapar	15.00	0.15	20.00	2.00
Nakhatrana	Morzar	13.80	0.15	2.00	2.75
Nakhatrana	Tara (Manjal)	10.00	0.15	1.50	1.75
Nakhatrana	Sanganara	10.00	0.20	2.50	2.70
Rapar	Chitrod	30.70	0.02	40.00	3.00
Rapar	Nilpar	23.00	0.31	6.00	1.50
Nakhatrana	Nakhatrana	10.00	0.15	1.50	2.50
Bhuj	Baukha (Odheja)	15.00	0.40	5.00	2.50
Nakhatrana	Kharadiya	10.00	0.10	1.50	1.45
Rapar	Sarsala	25.00	0.34	7.00	1.50
Rapar	Chitrod	31.25	0.02	45.00	3.50
Lakhpat	Bhudha	20.00	0.10	1.50	1.85
Nakhatrana	Laxmipar (Tara)	10.00	0.10	1.50	1.85
Rapar	Gagodar	20.00	0.27	5.00	1.50
Nakhatrana	Nirona	13.00	0.15	2.50	2.45
Mandvi	Gangapar	20.00	0.20	20.00	2.00
Nakhatrana	Jalu	10.00	0.15	2.00	1.50
Rapar	Shivgad	30.00	0.41	8.00	1.50
Nakhatrana	Laxmipar (Tara)	10.00	0.20	2.50	2.45
Nakhatrana	Rasaliya	10.00	0.20	2.50	2.45
Abdasa	Rampar	20.00	0.27	70.00	1.50
Abdasa	Rampar	20.00	0.17	40.00	1.50
Abdasa	Rampar	20.00	0.18	50.00	1.50
Abdasa	Rampar	20.00	0.31	45.00	1.50
Abdasa	Kervandh	20.00	0.30	60.00	1.50
Abdasa	Kervandh	20.00	0.25	50.00	1.50
Abdasa	Kervandh	20.00	0.25	40.00	1.50
Abdasa	Kervandh	20.00	0.32	50.00	1.50
Abdasa	Kervandh	20.00	0.32	40.00	1.50
Abdasa	Kervandh	20.00	0.25	50.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Abdasa	Trambo	25.00	0.16	50.00	1.50
Abdasa	Sayra	20.00	0.62	45.00	1.50
Bhuj	Mankuva	12.30	0.35	4.00	2.50
Rapar	Makhel	26.00	0.35	7.00	1.50
Abdasa	Lathedi	40.40	0.03	25.00	3.50
Rapar	Dhabda	20.00	0.57	3.00	2.85
Rapar	Varnu	26.00	0.35	7.00	1.50
Mandvi	Rampar Vekra	30.00	0.73	4.00	3.00
Mandvi	Virani	40.00	0.55	3.00	2.85
Rapar	Kanmer	23.00	0.31	6.00	1.50
Rapar	Badargadh	25.00	0.34	7.00	1.50
Nakhatrana	Jalu	15.50	0.20	1.50	1.50
Nakhatrana	Jiyapar	10.00	0.20	2.50	2.45
Lakhpat	Kanoj	10.00	0.10	1.50	
Nakhatrana	Gajansar	14.00	2.50	1.40	1.40
Lakhpat	Baiyava	10.00	0.10	1.50	2.35
Bhuj	Kukma	20.00	3.00	28.00	3.00
Bhuj	Kukma	30.00	3.96	37.00	4.00
Bhuj	Jadura	15.00	0.26	8.00	2.00
Mandvi	Kathada	20.00	1.48	8.00	1.20
Nakhatrana	Jiyapar	10.00	0.15	2.00	2.05
Rapar	Adesar	30.00	0.41	8.00	1.50
Bhachau	Amaliara	30.00	0.02	18.00	2.50
Nakhatrana	Palanpur	10.00	0.15	2.00	2.25
Rapar	Gedi	30.00	0.41	8.00	1.50
Rapar	Sukhpar	30.00	0.41	8.00	1.50
Nakhatrana	Jaravira	14.00	0.15	2.50	1.90
Lakhpat	Maldo	10.00	0.10	1.50	
Rapar	Kuda Jampar	30.00	0.41	8.00	1.50
Bhuj	Ratiya	20.00	0.35	6.00	2.00
Bhuj	Makhana	25.00	0.33	10.00	1.50
Bhuj	Zura	25.00	0.33	10.00	1.50
Nakhatrana	Nirona	13.00	0.15	2.00	2.00
Nakhatrana	Dador	10.00	0.20	2.50	2.35
Nakhatrana	Nirona	13.00	0.20	2.50	2.55
Nakhatrana	Palanpur	10.00	0.15	2.00	1.75
Nakhatrana	Vesalpar	18.00	0.20	2.50	2.35
Anjar	Devalia	43.00	0.02	16.00	2.60
Mandvi	Godalakh	25.00	0.30	15.00	2.00

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Nakhatrana	Dhoro	10.00	0.15	2.00	1.95
Nakhatrana	Jalu	10.00	0.15	2.00	1.45
Rapar	Gagodar	30.00	0.41	8.00	1.50
Nakhatrana	Nirona	10.00	0.10	2.00	1.98
Nakhatrana	Aral	12.00	0.15	2.00	1.85
Mandvi	Nani Mau	23.00	0.20	16.00	1.50
Nakhatrana	Vithon	10.00	0.10	1.50	2.15
Nakhatrana	Jiyapar	10.00	0.15	1.50	2.25
Rapar	Motihampirpar	32.00	0.43	8.00	1.50
Mundra	Karagoga	20.00	0.18	1.00	3.00
Nakhatrana	Ukheda	20.00	0.15	2.50	1.90
Nakhatrana	Kotada(Jadodar)	10.00	0.25	3.00	2.55
Nakhatrana	Nirona	10.00	0.20	2.50	2.05
Rapar	Lakhagadh	25.00	0.34	7.00	1.50
Rapar	Momay Mora	20.00	0.27	5.00	1.50
Rapar	Verasara	20.00	0.27	5.00	1.50
Bhuj	Nanadinara	20.00	1.98	20.00	2.50
Anjar	Mathda	20.00	0.59	3.00	3.00
Bhuj	Bharasar	13.00	0.35	4.00	2.50
Nakhatrana	Mathal	15.00	0.20	2.50	1.50
Nakhatrana	Dhoro	10.00	0.20	2.50	2.25
Rapar	Sanava	20.00	0.27	5.00	1.50
Rapar	Mauvana	20.00	0.27	5.00	1.50
Lakhpat	Bhadaranana	10.00	0.15	2.00	1.65
Bhuj	Habai	18.00	0.25	7.00	1.50
Bhuj	Nana - Reha	24.00	0.44	8.00	1.75
Nakhatrana	Vithon	9.70	0.15	2.00	2.45
Rapar	Bela	20.00	0.27	5.00	1.50
Nakhatrana	Tal	7.00	0.20	2.50	2.35
Bhuj	Kodaki	18.00	0.33	6.00	2.00
Bhuj	Kera	12.00	0.40	4.00	2.50
Rapar	Bela	30.00	0.41	8.00	1.50
Mandvi	Godhara	18.00	0.01	14.00	2.50
Mandvi	Rampar Vekra	15.00	0.58	3.00	1.40
Nakhatrana	Dhoro	10.00	0.20	2.50	2.45
Nakhatrana	Nirona	10.00	0.20	2.50	2.35
Lakhpat	Fulra	10.00	0.10	1.50	
Nakhatrana	Jiyapar	10.00	0.10	1.50	1.90
Nakhatrana	Mangvana	10.00	0.20	2.50	2.35

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Lakhpat	Fulra	12.00	0.10	1.50	
Bhuj	Madhapar	15.00	0.32	5.00	2.30
Rapar	Kidiyanagar	21.00	0.28	6.00	1.50
Mandvi	Bidda	15.00	0.55	3.00	1.50
Mandvi	Nani Khakar	15.00	0.12	15.00	2.00
Nakhatrana	Kharadiya	15.00	0.15	2.50	2.05
Nakhatrana	Nirona	8.00	0.10	1.50	2.60
Nakhatrana	Kharadiya	10.00	0.15	2.50	2.50
Lakhpat	Rodasasr	20.00	0.10	1.50	0.80
Nakhatrana	Khombhadi	15.00	0.15	2.50	2.45
Lakhpat	Mindhiyari	9.00	0.10	1.50	0.95
Bhuj	Zura Cemp.	15.00	0.26	5.00	2.00
Nakhatrana	Kharadiya	15.00	0.15	2.50	2.20
Nakhatrana	Ukheda	15.00	0.15	2.50	2.60
Abdasa	Naliya	10.00	0.17	50.00	1.50
Bhuj	Fotadi	15.00	0.26	8.00	2.00
Anjar	Sanghad	36.00	0.02	17.00	2.30
Anjar	Mathak	37.00	0.02	15.00	3.50
Bhuj	Mankuva	60.00	8.33	78.00	4.30
Bhuj	Bharapar	30.00	2.97	28.00	4.00
Bhuj	Ler-Kukma-Bhujodi	20.00	1.98	19.00	2.30
Bhuj	Kurbai	40.00	3.04	28.00	2.50
Mandvi	Rampar (V)	15.00	0.15	15.00	2.00
Nakhatrana	Jalu	10.00	0.15	2.00	2.10
Rapar	Sany	21.00	0.28	6.00	1.50
Rapar	Kanmer	28.00	0.38	7.00	1.50
Nakhatrana	Kotada(Jadodar)	8.00	0.15	2.00	2.35
Rapar	Pethapar	20.00	0.27	5.00	1.50
Bhuj	Habai	20.00	0.26	8.00	1.50
Rapar	Kanmer	20.00	0.27	5.00	1.50
Mandvi	Jakhniya	26.00	6.00	33.00	3.00
Bhuj	Nana - Reha	15.00	0.26	8.00	2.00
Bhuj	Vadzar	20.00	2.76	26.00	2.40
Anjar	Sapeda	20.00	3.81	23.00	2.00
Anjar	Bhalot	20.00	0.26	5.00	1.50
Nakhatrana	Laxmipar (Tara)	15.00	0.15	2.00	2.35
Bhachau	Amaliara	30.00	0.02	14.00	3.30
Nakhatrana	Ammara	14.00	0.10	1.50	2.00
Mandvi	Gundiyali	25.00	2.30	12.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Mandvi	Layja Mota	40.00	0.02	20.00	2.00
Mundra	Ratadia	21.00	0.01	5.00	1.80
Mundra	Vavor	40.00	0.02	15.00	2.30
Anjar	Bhavanipar	18.00	0.24	5.00	1.50
Anjar	Bhuvad	55.00	2.76	17.00	2.50
Mandvi	Bag	12.00	1.41	8.00	1.50
Lakhpat	Bhadaranana	10.00	0.10	1.50	1.80
Bhuj	Kotada	21.00	0.30	7.00	1.75
Mandvi	Vada	10.00	0.12	15.00	1.50
Bhuj	Sarli	20.40	3.18	30.00	4.00
Rapar	Chandrodi	25.00	0.02	14.00	2.30
Abdasa	Prajau	55.00	0.02	18.00	1.80
Nakhatrana	Ukheda	15.90	0.10	1.50	1.80
Bhuj	Nana - Reha	17.00	0.27	6.00	1.75
Mandvi	Kanthada	22.00	0.01	20.00	2.90
Nakhatrana	Vang	10.00	0.10	1.50	2.40
Bhuj	Sukhpar	15.00	2.19	20.00	2.40
Bhachau	Chhadwada	25.00	0.01	14.00	3.50
Bhuj	Zikadi	12.00	0.15	5.00	2.00
Mandvi	Nani Mau	20.00	0.20	15.00	2.00
Mandvi	Mota Layja	23.00	0.15	10.00	1.50
Abdasa	Rampar	15.00	0.25	50.00	1.50
Abdasa	Haripar (Vayor)	15.00	0.15	40.00	1.50
Nakhatrana	Vang	18.00	0.10	1.50	2.55
Bhuj	Kotada (Athamana)	18.00	0.30	10.00	2.00
Nakhatrana	Vang	6.00	0.10	1.50	1.90
Lakhpat	Baiyava	10.00	0.10	1.50	2.70
Bhuj	Kotada(Chakar)	25.00	2.83	26.00	3.00
Lakhpat	Bhudha	15.00	0.15	2.00	1.80
Lakhpat	Kharai	15.00	0.10	1.50	2.00
Nakhatrana	Khombhadi	8.00	0.10	2.00	2.10
Nakhatrana	Jalu	10.00	0.20	2.50	2.10
Bhuj	Reha Nana	15.00	0.26	8.00	2.00
Bhuj	Kodaki	15.00	0.26	8.00	2.00
Mundra	Ratadia	31.00	0.02	15.00	3.50
Rapar	Chandrodi	38.25	0.02	15.00	2.50
Mundra	Luni	22.00	0.03	46.00	2.50
Nakhatrana	Baru	10.00	0.15	1.50	1.75
Rapar	Moda	15.00	0.20	4.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Rapar	Mauvana	15.00	0.20	4.00	1.50
Mandvi	Moti Rayan	20.00	0.15	15.00	1.50
Lakhpatt	Bhadaranana	5.00	0.10	1.50	4.30
Bhuj	Habai	14.00	0.26	8.00	2.00
Rapar	Moti Rav	20.00	0.27	5.00	1.50
Bhachau	Lakhdhirghadh	28.00	0.02	12.00	3.50
Nakhatrana	Vang	10.00	0.10	1.50	2.40
Bhuj	Habai	15.00	0.20	6.00	1.50
Nakhatrana	Anandsar	10.00	0.15	2.00	2.10
Nakhatrana	Dhoro	10.00	0.15	2.00	2.05
Mandvi	Virani	30.00	0.60	3.00	2.85
Mundra	Pragpar	12.00	0.36	2.00	2.00
Mandvi	Goda Lakh	20.00	0.17	18.00	1.50
Nakhatrana	Jalu	15.00	0.15	1.50	1.50
Lakhpatt	Dayapar	14.00	0.15	2.00	2.35
Anjar	Hirapar	28.00	0.37	7.00	1.50
Mandvi	Rampar Vekra	20.00	0.55	3.00	3.00
Nakhatrana	Mathal	8.00	0.20	2.50	2.35
Nakhatrana	Chavadaka	8.00	0.15	2.00	2.10
Lakhpatt	Zumara	15.00	0.10	1.50	1.50
Rapar	Kanmer	17.00	0.23	5.00	1.50
Bhuj	Bharasar	12.00	0.18	1.00	2.20
Bhuj	Kera	25.00	0.55	3.00	2.63
Nakhatrana	Mathal	10.00	0.10	1.50	2.35
Nakhatrana	Khombhadi	15.00	0.15	2.50	2.55
Anjar	Makhiyan	23.00	2.33	14.00	3.50
Abdasa	Suthari	35.50	0.01	38.00	1.90
Bhuj	Kera	15.00	2.97	28.00	3.50
Bhuj	Khari	18.00	0.55	3.00	2.60
Mandvi	Madanpura	25.00	0.04	25.00	3.50
Mandvi	Bidda	15.00	0.55	3.00	1.50
Bhuj	Makhana	15.00	0.20	6.00	1.50
Bhuj	Naranpar	32.00	0.55	3.00	2.80
Mundra	Moti Khakhar	27.50	0.03	120.00	3.50
Bhuj	Zura	18.00	0.22	8.00	1.50
Nakhatrana	Chavadaka	8.00	0.15	2.00	2.70
Bhuj	Khari	18.00	0.36	2.00	2.00
Mandvi	Ratnapar (Mau)	18.00	0.15	20.00	1.50
Rapar	Sanava	15.00	0.20	4.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Bhuj	Zura	20.00	2.30	21.00	2.60
Anjar	Sanghad	42.00	0.02	15.00	2.30
Bhuj	Kodki	11.00	0.18	4.00	2.00
Mundra	Ratadia	13.00	0.01	5.00	3.00
Mandvi	Sirva	17.00	1.45	8.00	1.50
Bhachau	Chhadwada	25.00	0.02	13.00	3.50
Mundra	Luni	17.00	0.01	5.00	2.30
Bhuj	Reha Mota	10.00	0.28	9.00	2.30
Bhuj	Zura	16.00	0.28	5.00	1.75
Bhuj	Makhana	11.00	0.18	6.00	2.00
Mundra	Mokha	22.00	0.02	37.00	1.80
Nakhatrana	Naranpar	25.00	0.60	3.00	2.20
Mandvi	Durgapur	12.00	0.11	8.00	1.50
Bhuj	Surajpar	10.00	0.18	5.00	2.00
Mandvi	Vekar (Rampar)	20.00	0.15	15.00	1.50
Mandvi	Vada	20.00	0.16	20.00	1.50
Mundra	Nani Tumbadi	35.00	0.18	1.00	2.25
Nakhatrana	Vithon	8.00	0.10	1.50	2.30
Mandvi	Godhara	35.00	0.08	65.00	3.50
Anjar	Amarapar	19.00	0.25	5.00	1.50
Mandvi	Durgapar	16.00	0.55	3.00	1.50
Mandvi	Gadhsisha	33.00	0.73	4.00	2.50
Lakhpat	Guhar	30.00	0.01	18.00	2.40
Mandvi	Durgapar	13.00	0.73	4.00	1.60
Bhachau	Chhadvara	20.00	2.44	20.00	2.10
Lakhpat	Dolatpar	13.00	3.96	33.00	4.50
Lakhpat	Kanoj	7.00	0.10	1.50	1.60
Nakhatrana	Vithon	7.00	0.10	1.50	0.80
Bhuj	Khari (Akau)	10.00	0.13	5.00	1.50
Bhuj	Motabandra	25.00	2.15	20.00	4.10
Lakhpat	Ravreshwar	20.00	1.70	14.00	2.00
Mundra	Gelada	14.00	0.02	10.00	3.40
Bhuj	Kodki	27.00	0.55	3.00	1.50
Bhuj	Meghpar	28.50	2.58	24.00	3.00
Bhuj	Mindhiyara	14.70	0.17	5.00	1.25
Mundra	Beraja Nana	16.00	0.02	9.00	2.00
Bhuj	Makhana	14.20	0.20	6.00	1.50
Bhuj	Nokharia	10.00	0.18	5.00	2.00
Bhuj	Rabviri	15.00	0.20	6.00	1.50

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Mandvi	Mota Bhaida	17.00	0.12	10.00	1.00
Anjar	Dudhai	15.00	2.12	13.00	2.10
Mundra	Gelada	17.50	0.02	13.00	1.95
Mandvi	Merau	15.00	0.36	2.00	1.50
Bhuj	Mankuva	15.00	0.20	6.00	1.50
Bhuj	Nokharia	20.00	0.26	8.00	1.50
Bhuj	Makhana	6.95	0.10	3.00	1.50
Bhuj	Makhana	17.00	0.20	7.00	1.50
Nakhatrana	Kharadiya	10.00	0.15	2.00	1.90
Bhuj	Makhana	10.00	0.13	3.00	1.50
Bhuj	Kera	20.00	0.36	2.00	3.00
Anjar	Bhalot	19.00	2.76	17.00	5.20
Bhachau	Nava Kataria	31.00	0.01	10.00	3.00
Abdasa	Suthari	21.80	0.01	15.00	3.00
Mandvi	Varzadi	17.00	0.55	3.00	2.50
Mandvi	Nani Khakhar	20.00	0.36	2.00	1.50
Abdasa	Jana	30.00	0.03	24.00	2.50
Mandvi	Nani Khakhar	20.00	0.36	2.00	1.50
Mundra	Bhujpar	21.00	0.02	9.00	2.20
Bhuj	Zinkadi	9.00	0.13	4.00	1.50
Bhachau	Modpar	58.00	0.02	18.00	2.50
Mandvi	Bidada	30.00	0.01	10.00	2.00
Mandvi	Vada	10.00	0.10	8.00	1.50
Anjar	Khari Rohar	160.00	0.01	12.00	2.20
Bhuj	Mankuva		0.36	2.00	1.60
Bhachau	Chirai Moti	32.50	0.05	15.00	2.90
Mandvi	Nani Khakhar	15.00	0.36	2.00	1.50
Mandvi	Faradi	12.00	1.13	6.00	2.00
Anjar	Dudhai-Gangaji	15.00	1.48	8.00	2.00
Anjar	Bhimasar	30.00	6.00	37.00	3.50
Anjar	Vira	71.00	0.01	9.00	2.00
Mandvi	Nani Khakar	10.00	0.12	10.00	1.50
Mandvi	Moti Rayan	10.00	0.10	10.00	1.00
Bhuj	Habai	9.00	0.15	5.00	1.75
Anjar	Bhimasar	19.00	0.01	10.00	2.30
Mandvi	Nani Khakar	10.00	0.10	10.00	2.00
Bhuj	Kera	20.00	0.36	2.00	2.20
Mandvi	Bidda	16.00	0.91	5.00	1.50
Mandvi	Layja Mota	40.00	0.02	20.00	2.60

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Bhuj	Khari	10.00	0.13	5.00	1.50
Bhuj	Khari	10.00	0.18	5.00	1.50
Mandvi	Layja Mota	18.00	0.01	15.00	3.00
Bhuj	Bharasar	27.00	0.73	4.00	2.50
Nakhatrana	Naranpar Roha	15.00	0.55	3.00	3.20
Nakhatrana	Devisar	25.00	0.55	3.00	1.60
Bhachau	Jangi	27.00	0.02	15.00	2.80
Mandvi	Merai	14.00	0.73	4.00	1.50
Anjar	Varsana	24.00	0.01	9.00	2.00
Mandvi	Mota Asambiya	22.00	0.20	35.00	1.20
Mundra	Bhujpar	16.00	0.01	8.00	2.80
Mandvi	Ratanpar (Nani Mau)	12.00	0.20	25.00	2.00
Mandvi	Godhra	15.00	0.11	22.00	1.80
Mandvi	Ratanpar (Moti Mau)	15.00	0.15	0.18	2.00
Mandvi	Sherdi	15.00	0.30	25.00	1.50
Mandvi	Devpar	15.00	0.12	15.00	1.80
Mandvi	Bheraiya	15.00	0.73	4.00	3.70
Nakhatrana	Ugedi	10.00	0.10	1.50	1.50
Mandvi	Rampar Vekra	9.00	0.12	20.00	2.00
Bhuj	Kotada (Athamana)	7.50	0.10	4.00	1.50
Mandvi	Nani Khakhar	10.00	0.55	3.00	1.50
Gandhidham	Antarjal	21.00	0.02	18.00	2.50
Bhuj	Navavas	20.00	1.09	6.00	2.00
Anjar	Anjar	10.00	0.55	3.00	2.20
Mandvi	Bharapar	12.00	0.55	3.00	1.25
Mandvi	Don	10.00	0.10	0.20	2.00
Anjar	Varsana	23.00	0.02	10.00	1.80
Lakhpat	Rodasar	25.00	0.08	123.00	3.50
Mandvi	Durgapar	13.00	0.73	4.00	1.25
Mandvi	Gundiali	18.00	0.01	12.00	2.30
Mandvi	Sherdi	12.00	0.10	15.00	1.80
Mandvi	Rayan Moti	15.00	0.58	3.00	2.00
Mandvi	Rampar Vekra	7.00	0.15	20.00	3.00
Mandvi	Varzadi	18.00	0.59	3.00	2.00
Mandvi	Faradi	15.00	0.73	4.00	1.50
Anjar	Devisar	20.00	3.00	18.00	5.30
Bhuj	Kodaki	9.00	0.13	5.00	1.50
Bhuj	Madhapar	40.00	4.94	46.00	3.00
Rapar	Bela	40.00	5.12	44.00	3.00

Taluka	Village	Length In m	Capacity In km ³	Catchment Area In km ²	Height In m
Mandvi	Rampar Vekra	12.00	0.11	25.00	1.50
Mandvi	Jakhnia	15.00	1.77	10.00	1.50
Bhuj	Sedata	15.00	0.55	3.00	1.60
Bhuj	Habai	5.00	0.08	3.00	1.50
Abdasa	Rapargarh	61.00	0.07	123.00	2.00
Mandvi	Gadhshisha	15.00	1.59	10.00	2.00
Anjar	Mathak	35.00	0.03	73.00	2.30
Lakhpat	Zara-Jumara	15.00	1.48	12.00	2.00
Mundra	Hatadi	30.00	0.14	121.00	3.00
Nakhatrana	Palanpur(Bandi)	15.00	0.40	5.00	1.00
Mandvi	Rampar Vekra	9.00	0.10	29.00	1.50
Mandvi	Gundiyali	5.00	0.36	2.00	1.50
Anjar	Bhimasar	16.00	0.03	13.00	3.50
Anjar	Devisar	20.00	2.30	14.00	4.00
Bhuj	Nanabandra	125.00	6.00	56.00	4.00
Mundra	Waghura	15.00	0.36	2.00	1.45
Anjar	Vidi	20.00	3.21	20.00	2.30
Bhuj	Bharasar	20.00	0.36	2.00	2.45
Bhuj	Madhapar	15.00	2.68	25.00	3.60
Bhuj	Kera	30.00	2.97	28.00	2.50
Mandvi	Mota Bhadai	7.00	0.06	5.00	1.00
Bhuj	Sedata	10.00	0.36	2.00	1.70
Mandvi	Dhunai	6.00	0.36	2.00	2.00
Bhuj	Kundanpar	10.00	1.06	10.00	1.50
Mandvi	Jamthada	30.00	5.79	31.00	2.50
Mandvi	Wandh	20.00	5.09	28.00	2.00
Mundra	Bhujpar	18.00	0.01	121.00	1.80
Bhuj	Zumkha	15.00	1.98	19.00	1.80
Rapar	Nani Hamirpar	28.00	0.38	7.00	1.50

GROUNDWATER WITHDRAWAL

Annexure 7 shows the details for groundwater withdrawal pattern and number of wells at every five year interval starting from the year 1984.

Annexure 7 Groundwater Withdrawal Pattern for all talukas

Year	Wells / Pumpsets / Tubewells	Anjar	Bhachau	Bhuj	Lakhpat	Mandvi	Mundra	Nakha- trana	Naliya	Rapar
1984	Ground Water Withdrawal (MCM/Year)	21.31	15.24	256.41	30.42	36.38	24.74	32.27	11.66	56.98

	Nos. Of Dug Wells	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
	Dug Wells With Pumpsets									
	Tubewells									
	Total No Of Wells	0	0	0	0	0	0	0	0	0
1991	Ground Water W Ithdrawal (MCM/Year)	8.18	28.38	46.77	2.28	44.62	27.55	33.78	11.15	39.86
	Nos. Of Dug Wells	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
	Dug Wells With Pumpsets									
	Tubewells									
	Total No Of Wells	0	0	0	0	0	0	0	0	0
1997	Ground Water Withdrawal (MCM/Year)	56.41	46.99	98.48	8.57	65.62	39.32	48.79	14.21	52.80
	Nos. Of Dug Wells Electric Pump Set	1533	1465	3754	518	3416	1954	1535	784	2220
	Tubewells	301	226	307	0	168	101	198	40	13
	Nos. Of Dug Wells Diesel Pump Set	1015	1253	2030	147	787	899	1081	29	2568
	Total No Of Wells	2849	2944	6091	665	4371	2954	2814	853	4801
2002	Ground Water Withdrawal (MCM/Year)	76.14	67.135	168.955	10.505	90.435	44.43	62.576	29.645	81.54
	Nos. Of Dug Wells Electric Pump Set	947	1176	1446	310	1298	1085	714	235	1186
	Tubewells	469	423	2336	30	602	207	444	173	396
	Nos. Of Dug Wells Diesel Pump Set	300	300	1050	160	550	800	252	600	2515
	Total No Of Wells	1716	1899	4832	500	2450	2092	1410	1008	4097
2007	Ground Water Withdrawal (MCM/Year)	87.00	67.20	183.63	11.02	88.59	45.28	84.52	29.61	95.78
	Nos. Of Dug Wells Electric Pump Set	748	584	1293	62	992	603	1626	86	525
	Tubewells	1026	306	2215	18	480	172	1093	80	17
	Nos. Of Dug Wells Diesel Pump Set	1005	780	1000	16	254	247	1448	280	53
	Total No Of Wells	2779	1670	4508	96	1726	1022	4167	446	595