

CATALOGUE OF EARTHQUAKES IN GUJARAT REGION FROM EARLIEST TIME TO DEC 2013.

Year	MM	DD	O.T.	Lat	Long	Dep.	Mag.	MMI	Location	Ref.
1668	5	6		25	68		7.8	X	Samaji, Indus	IMD
1684				21.2	72.9		3.7		Surat	USGS
1819	6	16		24	69		7.8	X	Kachchh	IMD
1820	1	27		23.2	69.9		3.7		Kachchh	USGS
1820	11	13		23.2	69.9		3.7		Kachchh	USGS
1821	8	13		22.7	72.7		4.6		Kaira	USGS
1828	7	20		23.24	69.66		4.4		Kachchh	USGS
1840	11	10		23.05	72.67		4.6		Ahmedabad	USGS
1842	10	9		22.3	73.2		4.3	V	Baroda	OLD
1843	2	8		23	72.7		3.7	IV	Ahmedabad	OLD
1844				24.33	69.5		4.3		Lakhpat	USGS
1845	4	19		23.8	68.9		6.3	VIII	Lakhpat	OLD
1845	6	19		23.8	68.9		5.7	VII	Lakhpat	OLD
1848	4	26		24.4	72.7		5.7	VII	Mount Abu	OLD
1856	11	2		23.2	69.9		4.6		Anjar	USGS
1856	12	25		20	73		5.7	VII	Surat	CHAN
1858	12	31		21	75		4.3	V	Khandeish	OLD
1863	11	18		22	75		5	VI	Barwani	IMD
1864	4	29		22.3	72.8		5.7	VII	Ahmedabad	CHAN
1869	7	4		20.2	74.2		4.3	V	Nasik	OLD
1869	7	12		20.9	74.8		4.3	V	Dhulia	OLD
1871	1	3		21.2	72.9		4.3	V	Surat	OLD
1871	1	31		21.2	72.9		5		Surat	USGS
1872	4	14		21.75	72.15		5	VI	Bhavnagar	CHAN
1882	6	10		23.2	71.38		3.5		Bhachau	MALIK
1882	6	28		23.35	70.58		5		Lakadia	MALIK
1882	6	29		23.35	70.58		5		Bhachau	MALIK
1883	10	20		21.7	71.97		4.4		Bhavnagar	USGS
1886	4	14		22.47	70.1		4.4		Jamnagar	USGS
1887	11	11		22.3	70.88		4.4		Rajkot	USGS
1888	8	20		23.83	70		3.5		Khavda	MALIK
1890	6	1		23.83	68.83		4		Lakhpat	MALIK
1891	7	27		21.33	71.37		4.4		Amreli	USGS
1892	1	11		23.83	70		3.5		Lakhpat	MALIK
1892	7	9		23.5	70.72		3.5		Rapar	MALIK
1893	11	4		23.83	68.83		3.5		Lakhpat	MALIK
1896	2	26		23.83	69.67		3.5		Lakhpat	MALIK
1897	10	0		23	72.7		3.7		Ahmedabad	USGS
1898	1	30		23.16	70.08		3.5		Anjar	MALIK
1898	4	1		23.25	69.67		4		Bhuj	MALIK
1898	9	13		23.3	69.75		4		Bhuj	MALIK
1898	10			23.05	72.67		4.3		Kheda	USGS
1898	10	15		23.33	69.67		4		Bhuj	MALIK
1900	12	21		23.5	70.67		3.5		Rapar	MALIK
1903	1	14		24	70		5.6		Kachchh	IMD
1904	4	9		23.33	68.67		4		Bhuj	IMD
1904	4	28		23.5	70.16		4		Anjar	MALIK
1904	7	30		23.83	70.33		3.5		Khadir	MALIK

1904	11	30		24.33	69.58		3.5		Lakhpat	MALIK
1905	7	10		23.33	69.67		3.5		Bhuj	MALIK
1906	1	11		23.83	70.33		3.5		Khadir	MALIK
1906	6	30		23.83	69.75		3.5		Khavda	MALIK
1906	8	15		24.4	72.7		4.3	V	MountAbu	USGS
1907	3	12		23.83	69.75		3.5		Khavda	MALIK
1907	7	12		22.91	69.83		3.5		Mundra	MALIK
1907	10	9		23.83	69.75		3.5		Khavda	MALIK
1907	10	21		23.25	70.33		3.5		Bhachau	MALIK
1908	9	29		23.83	69.75		3.5		Khavda	MALIK
1908	10	21		23.83	69.75		3.5		Khavda	MALIK
1909	2	7		23.83	69.75		3.5		Khavda	MALIK
1909	4	9		23.25	70.33		3.5		Bhachau	MALIK
1910	3	24		23.25	69.75		3.5		Bhuj	MALIK
1910	8	1		23.83	69.67		3.5		Khavda	MALIK
1910	12	13		23.41	70.58		4		Lakadia	MALIK
1910	12	16		23.25	70.33		3.5		Bhachau	MALIK
1911	1	23		23.41	70.58		3.5		Lakadia	MALIK
1911	10	11		24.33	69.5		3.5		Lakhpat	MALIK
1912	10	1		23.83	69.75		3.5		Khavda	MALIK
1912	11	7		23.83	70.33		3.5		Khadir	MALIK
1913	6	26		23.75	69.75		3.5		Khavda	MALIK
1918	6	10		23.5	70.41		3.5		Bhachau	MALIK
1919	4	21		21.7	72.25		5.7	VII	Ghogha (Bhavnagar)	CHAN
1920	10	18		23.5	70.75		3.5		Rapar	MALIK
1920	11	13		23.33	69.58		3.5		Bhuj	MALIK
1921	2	11		25	70.7		4.2		Thar, Pakistan	ISC
1921	10	26		25	68		5.5		Indus, Kachchh	IMD
1921	10	27		23.83	69.67		4		Narayan Sarovar	MALIK
1922	2	9		23.41	70.67		3.5		Chitrod	MALIK
1922	3	13		23.41	69.37		3.5		Mandvi	MALIK
1922	3	13		22	71		4.3	V	Jhalavad	CHAN
1923	8	7		22.91	69.45		4		Bhuj	MALIK
1924	3	5		23.91	69.83		3.5		Khavda	MALIK
1924	10	25		23.67	68.91		3.5		Khavda	MALIK
1925	10	1		23.83	69.67		3.5		Khavda	MALIK
1925	10	13		23.33	70.28		3.5		Shikra	MALIK
1926	12	26		23.91	69.7		3.5		Khavda	MALIK
1927	11	18		23.45	69.67		3.5		Bhuj	MALIK
1930				22.4	71.8		4.3	V	Paliyad	CHAN
1930	12	30		23.91	69.45		3.5		Khavda	MALIK
1932	3	6		23.83	70.33		3.5		Khadir	MALIK
1935	1	25		23.75	70.67		3.5		Rapar	MALIK
1935	7	20		21	72.4		5.7		Surat	IMD
1935	7	23		23.25	69.5		3.5		Bhuj	MALIK
1938	6			22.3	71.6		5		Botad	TAN
1938	7	19		22.4	71.8		5		Paliyad	CHAN
1938	7	23		22.4	71.8		5.7	VII	Paliyad	CHAN
1940	10	31	10 03	22.5	70.4		5	VI	Jamuanathali, Jamnagar	CHAN
1940	11	13		23.57	70.33		4		Anjar	MALIK
1941	1	30		23.83	70.25		3		Khadir	MALIK

1950	6	14	04 24	24	71.2		5.3		Kachchh	CHAN
1956	7	21	15 32	23.3	70	35	6	VIII	Kachchh	IMD
1956	7	22		23.16	70		3		Anjar	MALIK
1962	3	12		24.1	70.9		3		Kachchh	MALIK
1962	9	1	22 01	24	73		4.6		Palanpur	IMD
1963	7	13	19 08	24.9	70.3	35	5.3		Thar, Pakistan	IMD
1965	3	26	10 04	24.4	70	33	5.1		Kachchh	IMD
1966	5	27	22 14	24.46	68.69	5	5		Thar, Pakistan	ISC
1966	11	12	12 16	25.12	68.04	33	4.8		Kachchh	ISC
1967	1	6	11 41	21.97	74.27		4.5		Tankhala	IMD
1968				21.6	71.25		4.3	V	Amreli	GSI
1968				21.73	70.45		4.3	V	Dhoraji	GSI
1969	3	23	04 21	24.54	68.79	19	4.4		Kachchh	ISC
1969	10	24	11 45	24.76	72.54	31	5.5		MountAbu	IMD
1970	2	13	15 05	24.6	68.61	33	5.2		Kachchh	USGS
1970	3	23	01 53	21.6	72.96	8	5.4		Bharuch	USGS
1970	8	9		21.7	73		3.5		Bharuch	USGS
1970	8	30		21.7	73		4.1		Bharuch	USGS
1970	9	10		21.6	72.7		3.4		Bharuch	USGS
1971	5	14	17 14	25.12	68.11	57	4.5		Thar, Pakistan	USGS
1971	6	18		21.7	73		3.4		Bharuch	IMD
1973	6	5	01 19	25.09	68.07	33	4.8		Thar-Pakistan	USGS
1974	10	20		21.7	74.2		4.6		Narmada	USGS
1975				22.1	71.2		4.3	V	Jasdan	GSI
1975	9	19	16 49	24.69	71.03	33	3.7		Kachchh	USGS
1975	9	25		20.8	74.2		4.2		Gujarat	USGS
1976	6	4	00 43	24.51	68.45	18	5.1		Allah Band Pakistan	ISC
1977	9	26	19 48	25.38	68.24	33	4.5		Kachchh	ISC
1978	4	10	09 10	21.84	72.9		3		Amod	IMD
1978	11	25	10 09	21.97	72.91		2.8		Amod	IMD
1979	2	22	22 11	21.33	72.15		3.3		Bhavnagar	GERI
1979	6	9	22 43	21.83	73.85		2.6		Rajpipla	GERI
1979	8	24	01 13	22.11	72.43		3.1		Khambhat	GERI
1979	9	5	10 08	21.33	72.12		3.6		Bhavnagar	GERI
1979	9	22	22 48	21.75	72.15		3.3		Bhavnagar	GERI
1979	12	10	22 19	21.9	72.9		3.2		Amod	GERI
1980	1	6	00 42	22.23	71.78		3.2		Botad	GERI
1980	3	18	18 22	21.81	73.03		2.9		Nabipur	GERI
1980	6	4	11 16	21.68	73.21		2.6		Nartrang	GERI
1980	6	4	11 17	21.68	73.21		3.1		Nartrang	GERI
1980	7	21	04 08	22.87	72.14		3.1		Nartrang	GERI
1980	8	27	06 20	22.82	72.82		2.7		Chandraga	GERI
1980	10	20	11 40	21.96	72.95		2.6		Kevadia	GERI
1981	4	26	18 12	24.12	69.51	33	4.3		Bhuj	ISC
1982	1	31	16 48	24.21	69.84	33	4.8		Kachchh	ISC
1982	3	10	03 45	21.38	73		3.1		Bharuch	GERI
1982	4	9	09 00	22.07	72.19		2.9		Khadi	GERI
1982	5	10	01 00	21.9	72.27		3.2		Bhavnagar	GERI
1982	6	24	01 27	22	72.88		3.6		Amod	GERI
1982	6	26	18 48	22.25	71.82		3.1		Dhandhuka	GERI
1982	7	2	16 30	21.86	72.04		3.5		Bhavnagar	GERI
1982	7	18	15 46	23.4	70.66	33	4.8		Bhuj	ISC

1984	9	13	04 48	24.95	70.46	33	4.2		Allah Band Pakistan	ISC
1985	4	7	21 10	24.36	69.74	33	5		Kachchh	ISC
1985	4	27	04 59	20.66	73.21		4.6		Dharampur	GERI
1985	9	3		21.03	70.88		4.3		Visavadar, Junagadh	GERI
1986	2	26	12 47	20.48	73.72	33	4.3		Gujarat	USGS
1986	9	16		20.6	71.4		3.8		Rajula	GERI
1986	11	15	00 25	24.45	73.57	22	4.1		Near Mount Abu	ISC
1987	2	10	22 02	24.1	70.39	10	3.9		Kachchh	ISC
1987	4	10		24.55	70.12	10	2		Kachchh	IMD
1987	12	31		21.71	74.38		3.5		Narmada	GERI
1988	7	17		25.16	70	33	2		Kachchh	IMD
1989	3	21	00 57	24.27	68.96	33	4		Bhuj	ISC
1989	6	21	15 35	20.09	72.91	33	4.1		Valsad	ISC
1989	12	10	11 58	24.81	70.88	33	4.7		Kachchh	ISC
1991	1	20		23.13	69.83	35	2		Kachchh	IMD
1991	1	20	19 44	23.4	69.71	33	4.9		Bhuj	USGS
1991	1	30	10 44	20.55	73.15		4.6		Anklach	GERI
1991	9	10	06 54	24.16	68.68	35	4.7		Kachchh	ISC
1991	9	10	07 20	24.28	68.8	26	4.7		Kachchh	ISC
1992	5	4	11 20	24.52	70.13	33	3.4		Allah Band, Pakistan	ISC
1993	2	9	20 51	24.62	68.93	36	4.3		Allah Band, Pakistan	ISC
1993	8	9		20.6	71.4		3.1		Rajula	GERI
1993	8	24	23 18	20.6	71.4	29	5		Rajula	IMD
1993	12	31	13 32	21.12	72.72	35	4.1		Rajula	ISC
1996	2	17		23.33	69.67	33	4.5		Bhuj	IMD
1996	8	5	22 15	22.83	68.43	23	3.8		Bhuj	ISC
1996	11	17	18 12	21.4	73.06	10	4		Gujarat	ISC
1998	7	19		22.42	70.86		4.4		Rajkot	IMD
1998	9	21	06 23	21.81	71.93		3		Bhavnagar	GERI
1998	10	8	15 01	24.45	69.8	33	3.7		Bhuj	ISC
1998	11	28	16 59	21.94	71.06		3.2		Gondal	GERI
1999	9	21	11 00	21.7	72.1		2.5		Bhavnagar	GERI
2000	8	10	13 30	21.78	72.31		3.6		Bhavnagar	GERI
2000	8	13	13 28	21.02	70.99	7	4.6		Tulsi Shyam, Junagadh	ISC
2000	9	12	00 53	21.72	72.16	10	4.2		Bhavnagar	IMD
2000	12	24	11 22	24.01	70.09	43	4.7		Bhuj	ISC
2001	1	26	03 16	23.44	70.31	16	7.7	X	Kachchh	ISC
2001				21.02	70.88		2.5		Tulsi Shyam, Junagadh	GERI
2003	1	13		22.3	70.93		2		Rajkot	GERI
2003	1	29		21.46	70.51		3.1		Haripur, Junagadh	IMD
2003	8			22.2	69.92		2.5		LalpurTq, Jamnagar	GERI
2004				21	70.5		3		Talala Tq, Junagadh	GERI
2006	2	3	00 54	23.92	70.44	28	5		Gedi, Rapar	NGRI
2006	3	7	18 20	23.79	70.73	3	5.7		Gedi, Rapar	NGRI
2006	4	6	12 02	23.78	70.74	3	4.9		Gedi, Rapar	NGRI
2006	4	6	17 59	23.34	70.39	29	5.5		Lakadia	NGRI
2006	4	10	22 05	23.51	70.06	4.9	4.9		Kachchh	NGRI
2006	9	30	00 16	22.31	70.21	10	4	V	Khankotda, Jamnagar	ISR
2007	7	16	21 21	22.49	71.29	18	3.9		Paliyad	ISR
2007	9	2	16 38	22.33	70.22	10	3.2		Khankotda, Jamnagar	ISR
2007	10	9	03 49	21.08	70.73	11	3.1		Ankolwadi, Junagadh	ISR

2007	11	6	00 27	21.12	70.51	8.5	4.8		Hirenvel, Junagadh	ISR
2007	11	6	09 38	21.16	70.54	4.5	5		Haripur, Junagadh	ISR
2007	11	11	13 03	21.93	69.82	10	2.9		Verad, Bhanwad	ISR
2008	1	25	23 36	21.79	71.76	35	2.8		Bhavnagar	ISR
2008	3	9	11 03	23.39	70.33	30	4.9		Chobari, Kachchh	ISR
2008	5	20	08 57	21.16	73.05	7.4	3.2		Surat	ISR
2008	11	5	03:53	21.95	73.89	8.5	3.6		Kevadiya	ISR
2008	10	4	05:29	21.9	69.96	3.7	3.6		Bhanvad	ISR
2009	3	28	05:57	22.17	70.75	6.2	3		Rajkot	ISR
2010	1	26	01:22	23.29	72.98	15	2.3		Gandhinagar	ISR
2010	3	30	19:57	23.61	72.57	11	3.2		Mehsana	ISR
2010	9	2	08:39	23.88	71.87	6.1	4.4		Patan	ISR
2010	6	23	16:54	22.16	71.36	21	3.3		Botad	ISR
2010	9	23	23:44	21.9	69.7	3.1	3		Advana	ISR
2010	11	28	07:04	22.28	70.25	6.6	2.7		Sanala	ISR
2010	12	6	23:35	22.35	74.03	12	3.2		Chota Udiapur	ISR
2011	1	18	20:26	23.27	70.51		3.8		Samkhyali	
2011	4	18	07:36	22.45	71.51	6.1	2.4		Sayla	ISR
2011	4	29	02:47	21.27	70.49	3.1	4.1		Talala	ISR
2011	5	23	23:43	21.1	70.53	3.9	4		Talala	ISR
2011	5	17	16:00	23.55	70.57	18.2	4.2		North Wagad, Kachchh	ISR
2011	7	3	00:26	21.14	73.16	26	3.2		Bardoli	ISR
2011	8	13	02:59	23.45	70.4	22.2	4.5		South Wagad, Kachchh	ISR
2011	8	20	18:20	22.43	70.93	8.4	2.6		Rajkot	ISR
2011	9	14	23:16	22.38	69.99	6.3	3.4		Lalpur, Jamnagar	ISR
2011	10	3	06:35	22.65	72.47	32.3	1.5		Dholka, Ahmedabad	ISR
2011	10	18	05:50	21.26	71.19	7.9	3.1		Visavadar	ISR
2011	10	20	17:18	21.09	70.45	5.8	5.1		Talala	ISR
2011	11	7	03:05	24.38	72.66	13.7	3.1		Palanpur	ISR
2012	1	26	14:01	21.109	70.518	8	3.2		Talala	ISR
2012	2	19	11:13	21.118	72.29	22.1	3.2		offshore	ISR
2012	3	21	14:50	21.716	72.405	15	3		offshore	ISR
2012	4	11	13:23	21.684	72.05	7	2.6		Bhavanagar	ISR
2012	5	10	13:47	22.487	71.549	3.1	2.4		Surendranagar	ISR
2012	5	26	21:23	21.854	74.16	23.2	3.3		Kuwant, Vadodara	ISR
2012	6	8	03:25	22.259	69.93	10.4	3.7		Rajkot	ISR
2012	6	19	20:14	23.645	70.283	11.1	5		Dholavira, Kachchh	ISR
2012	7	30	08:03	21.213	72.826	9.8	3.6		Surat	ISR
2012	8	24	21:17	25.336	70.561	27.5	3.3		Rajasthan (Ind- Pak Border)	ISR
2012	8	28	14:26	20.629	70.457	9.5	3		Offshore Veraval	ISR
2012	9	1	14:36	22.074	70.103	8.2	2.7		Jamnagar	ISR
2012	10	9	22:07	21.127	70.57	3.1	2.3		Talala	ISR
2012	11	15	18:43	21.598	72.796	9.6	2.4		Bharuch	ISR
2012	11	16	00:23	22.201	72.537	9.8	2.4		Khambhat	ISR
2012	12	8	07:06	23.134	70.422	21	4.5		Kandla, Kachchh	ISR
2012	12	16	04:13	24.474	71.887	3.2	2.8		Kachchh	ISR
2013	1	2	14:58	22.56	68.82		3.3		38 Km NNW from Dwarika, Saurashtra	ISR
2013	1	6	05:33	21.99	69.85		2		25 km SSW from Lalpur, Saurashtra	ISR

2013	1	16	14:53	21.13	70.57		2.2	9 km NNE from Talala, Saurashtra	ISR
2013	1	21	02:00	22.86	71.46		2.7	25 km NNW of Surendranagar, Saurashtra	ISR
2013	1	27	13:02	21.14	70.82		2.1	31 km ENE of Talala, Saurashtra	ISR
2013	1	30	12:55	21.67	71.99		2.2	19 km WSW of Bhavnagar, Saurashtra	ISR
2013	2	1	15:19	21.18	70.57		2.3	15 km NNE from Talala, Saurashtra	ISR
2013	2	11	08:28	22.72	70.93		2.9	15 km ESE of Morbi, Saurashtra	ISR
2013	2	15	10:23	24.3	71.7		3.2	20 km ESE from Vav, Banaskantha	ISR
2013	3	1	10:16	21.31	70.78		2.2	39 Km NNE from Talala, Saurashtra	ISR
2013	3	1	11:46	22.46	71.63		2.5	30 km SSE from Surendranagar, Saurashtra	ISR
2013	3	2	13:23	21.15	70.7		2.3	21 km ENE from Talala, Saurashtra	ISR
2013	3	7	10:31	21.39	70.18		2.3	Bhanvad, Dwarika, Saurashtra	ISR
2013	3	14	12:28	22.49	71.53		2.5	30 km SSW from Surendranagar, Saurashtra	ISR
2013	3	19	17:15	21.43	72.43		2.4	48 km SSE from Bhavnagar, Saurashtra	ISR
2013	3	30	18:33	23.57	70.38		4.5	27 km WSW of Rapar, Kachchh	ISR
2013	4	4	03:35	24.02	71.71		2.4	22 km NNE of Radhanpur, North Gujarat	ISR
2013	4	8	09:47	24.27	71.73		2.2	24 km ESE of Vav, North Gujarat	ISR
2013	4	8	12:51	21.56	73.47		2.6	37 km SSW of Kevadiya, South Gujarat	ISR
2013	4	9	18:55	23.2	70.98		2	45 km NNE of Morbi, Saurashtra	ISR
2013	4	26	14:16	23.64	71.64		2.7	22 km SSE from Radhanpur, Patan	ISR
2013	5	20	18:52	20.36	72.78		2.5	31 km SSW of Valsad, South Gujarat	ISR
2013	6	4	13:31	21.67	72.02		2.1	17 km WSW from Bhavnagar, Saurashtra	ISR
2013	6	15	05:23	21.67	72.02		2	17 km WSW from Bhavnagar, Saurashtra	ISR
2013	6	21	06:10	21.08	70.69		2.8	17 Km ENE of Talala, Saurashtra	ISR
2013	7	8	23:05	20.63	70.09		2.2	55 km SSW from Mangrol, Saurashtra	ISR
2013	7	28	08:50	21.87	70.52		2	28 km ENE from Upleta, Saurashtra	ISR

2013	7	29	13:07	23.45	70.58		4.5	8 Km NE of Vamka, Kachchh	ISR
2013	8	3	01:17	24.4	72.85		3.3	44 km NNE from Dharoi, North Gujarat	ISR
2013	8	3	18:26	21.18	70.61		3.4	16 km NNE from Talala, Saurashtra	ISR
2013	8	11	20:50	21.31	71.1		2	35 km SSW from Amreli, Saurashtra	ISR
2013	8	26	19:00	24.2	71.25		2.4	32 km WSW from Wav, Banaskantha	ISR
2013	9	3	19:46	24.28	69.78		4.1	49 km NNE From Khavda, Kachchh (INDO-PAK Border)	ISR
2013	9	4	10:34	20.28	70.39		2.1	87 km SSW from Talala, Saurashtra	ISR
2013	9	11	23:34	22.21	71.26		2.2	41 km WNW from Botad, Saurashtra	ISR
2013	9	24	07:56	24.71	72.74		2.3	67 km NNE from Palanpur, Banaskantha	ISR
2013	9	24	14:18	21.16	70.65		2.5	17 km ENE from Talala, Saurashtra	ISR
2013	10	4	14:50	24.46	72.09		2.6	24 km NNW from Deesa, Banaskantha	ISR
2013	10	6	01:18	20.71	73.23		2.1	33 km ENE from Valsad, South Gujarat	ISR
2013	10	10	17:12	21.01	69.63		2	51 km WSW from Mangrol, Saurashtra	ISR
2013	10	11	11:28	21.66	72		2.1	19 km WSW from Bhavnagar, Saurashtra	ISR
2013	10	15	08:51	21.24	70.46		2.2	22 km NNW of Talala, Saurashtra	ISR
2013	10	15	09:03	21.23	70.44		3.6	22 km NNW of Talala, Saurashtra	ISR
2013	11	5	02:27	20.35	72.96		2.9	29 km SSE from Valsad, South Gujarat	ISR
2013	11	7	16:32	20.77	73.43		2.2	50 km SSW from Ukai,	ISR
2013	11	11	14:58	21.13	71.16		2.1	36 km NNE from Una, Saurashtra	ISR
2013	11	26	08:39	21.71	71.99		2.4	17 km WSW from Bhavnagar, Saurashtra	ISR
2013	11	29	22:56	22.37	71.2		2.2	42 km ENE from Rajkot, Saurashtra	ISR
2013	12	10	03:24	21.74	73.8		2.4	28 Km ESE from Sardar Sarovar Dam	ISR
2013	12	14	10:16	22.44	71.27		2.5	48 km WSW from Surendranagar, Saurashtra	ISR
2013	12	17	22:58	22.45	71.29		2.6	46 km WSW from Surendranagar, Saurashtra	ISR
2013	12	24	18:40	20.59	71.43		2.1	47 km ESE from Una, Saurashtra	ISR

References:

OLD- Oldham, 1883, Catalogue of Indian Earthquakes, Mem. Geol. Surv. India, 19, 163- 215.

CHAN- Umesh Chandra, 1977, Bulletin of Seismological Society of America, Vol.67 (5), pp. 1387-1413.

TAN- Tandon and Srivastava, 1974, Earthquake occurrences in India, Jai Krishna Volume, Sarita Prakashan, Roorkee, India.

MALIK- Malik et al., 1999, Modern and historic Seismicity of Kachchh Peninsula, western India. Jour. Geol. Soc., 54, pp. 545-550.

IMD- India Meteorological Department, New Delhi, India

GSI- Geological Survey of India, Seismotectonic atlas of India and its environs, 2000.

USGS- United States Geological Survey (USGS), National Earthquake Information Centre.

ISC- International Seismological Centre, U.K.

GERI- Gujarat Engineering Research Institute, Gujarat, India.

ISR- Institute of Seismological Research (ISR), Gandhinagar, Gujarat