

**CATALOGUE OF EARTHQUAKES IN SAURASHTRA REGION FROM EARLIEST TIME TO  
MAY 2008**

Year	Month	Date	Origin time	Lat(N)	Long(E)	Depth	Magnitude	Intensity	Location	Ref.
1872	04	14		21.75	72.15		5.0	VI	Bhavnagar	CHAN
1883	10	20		21.70	71.97		4.4		Bhavnagar	USGS
1886	04	14		22.47	70.10		4.4		Jamnagar	USGS
1887	11	11		22.30	70.88		4.4		Rajkot	USGS
1891	07	27		21.33	71.37		4.4		Amreli	USGS
1919	04	21		22.00	72.00		5.7	VII	Bhavnagar	CHAN
1922	03	13		22.00	71.00		4.3	V	Jhalavad, Rajkot	CHAN
1930				22.40	71.80		4.3	V	Paliyad	CHAN
1935	07	20		21.00	72.40		5.7		Surat	IMD
1938	06			22.30	71.60		5.0		Botad	TAN
1938	06	26		22.30	71.50		4.1		Botad	TAN
1938	07	12		22.40	71.80		5.5		Paliyad	IMD
1938	07	14		22.40	71.80		5.7		Paliyad	TAN
1938	07	19		22.40	71.80		5.7		Paliyad	IMD
1938	07	23		22.40	71.80		5.7	VII	Paliyad	CHAN
1940	10	31	10 03 50.00	22.50	70.40		5.0	VI	Jamuanathali, Jamnagar	CHAN
1968				21.60	71.25		4.3	V	Amreli	GSI
1968				21.73	70.45		4.3	V	Dhoraji	GSI
1975				22.10	71.20		4.3	V	Jasdan	GSI
1979	02	22	22 11 00.00	21.33	72.15		3.3		Bhavnagar	GERI
1979	08	24	01 13 54.00	22.11	72.43		3.1		Khambhat	GERI
1979	09	05	10 08 00.00	21.33	72.12		3.6		Bhavnagar	GERI
1979	09	22	22 48 53.00	21.75	72.15		3.3		Bhavnagar	GERI
1980	01	06	00 42 37.00	22.23	71.78		3.2		Botad	GERI
1982	04	09	09 00 00.00	22.07	72.19		2.9		Khadi	GERI
1982	05	10	01 00 00.00	21.90	72.27		3.2		Bhavnagar	GERI
1982	06	26	18 48 00.00	22.25	71.82		3.1		Dhandhuka	GERI
1982	07	02	16 30 00.00	21.86	72.04		3.5		Bhavnagar	GERI
1985	09	03		21.03	70.88		4.3		Visavadar	GERI
1986	09	16		20.60	71.40		3.8		Rajula	GERI
1993	08	09		20.60	71.40		3.1		Rajula	GERI
1993	08	24	23 18 90.00	20.60	71.40	29.00	5.0		Rajula	IMD
1998	07	19		22.42	70.86		4.4		Rajkot	IMD
1998	09	21	06 23 48.3	21.81	71.93		3.0		Bhavnagar	GERI
1998	11	28	16 59 44.70	21.94	71.06		3.2		Gondal	GERI
1999	09	21	11 00 00.00	21.70	72.10		2.5		Bhavnagar	GERI
2000	08	10	13 30 14.70	21.78	72.31		3.6		Bhavnagar	GERI
2000	08	13	13 28 21.26	20.98	70.93	7.00	4.6		Tulsi Shyam, Junagadh	ISC
2000	09	12	00 53 25.07	21.72	72.16	10.00	4.2		Bhavnagar	IMD
2001				21.02	70.88		2.5		Tulsi Shyam, Junagadh	GERI
2003	01	13		22.30	70.93		2.0		Rajkot	GERI
2003	01	29		21.15	70.51		3.1		Haripur, Junagadh	IMD
2003	08			22.20	69.92		2.5		LalpurTq, Jamnagar	GERI
2004				21.16	70.50		3.0		Talala Tq, Junagadh	GERI
2006	09	30	00 16 00.80	22.31	70.21	10.10	M <sub>w</sub> 4.0	V	Khankotda, Jamnagar	ISR

2007	07	16	21 21 22.0	22.49	71.29	17.80	M <sub>w</sub> 3.9		Paliyad	ISR
2007	09	02	16 38 47.80	22.33	70.22	10.10	M <sub>w</sub> 3.2		Khankotda, Jamnagar	ISR
2007	10	09	03 49 31.0	21.08	70.73	10.80	M <sub>w</sub> 3.1		Ankolwadi, Junagadh	ISR
2007	11	06	00 27 28.8	21.12	70.51	8.50	M <sub>w</sub> 4.8 (m <sub>b</sub> 4.9 USGS)		Hirenvel, Junagadh	ISR
2007	11	06	09 38 04.45	21.16	70.54	4.50	M <sub>w</sub> 5.0 (m <sub>b</sub> 5.0 USGS)		Haripur, Junagadh	ISR
2007	11	11	13 03 04.00	21.93	69.82	10.00	M <sub>w</sub> 2.9		Verad, Bhanwad	ISR
2008	01	25	23 36 55.06	21.79	71.76	35.1	M <sub>w</sub> 2.8		Bhavnagar	ISR

### References:

- 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.
- 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 Center
- ISC- International Seismological Center, U.K.
- GERI- Gujarat Engineering Research Institute, Gujarat, India
- ISR- Institute of Seismological Research (ISR), Gandhinagar, Gujarat

