

QUAKE BULLETIN

Monthly Bulletin

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EARTHQUAKE EVENTS:

This database will give the information about the earthquakes that occurred worldwide and India wide in the month of October-2011. The list of the earthquakes is as follows:

Worldwide:

(Source: USGS; for more information: <http://earthquake.usgs.gov/earthquakes/eqinthenews/>)

Date	Time (UTC)	Lat	Long	Depth (km)	Mw	Location
1/11/2011	12:32:00	19.891°N	109.216°W	5	6.3	Revilla Gigedo Islands Region
8/11/2011	02:59:06	27.291°N	125.868°E	209.5	6.9	Northeast of Taiwan
14/11/2011	04:05:12	0.954°S	126.864°E	19.4	6.3	Molucca Sea
22/11/2011	18:48:17	15.359°S	65.125°W	556.7	6.6	Beni, Bolivia

India wide:

(Source: Indian Meteorological Department, IMD,
<http://www.imd.gov.in/section/seismo/dynamic/CMONTH.HTM>)

Date	Time (UTC)	Lat	Long	Depth (km)	Mw	Location
1/11/2011	0:21:25	43.6°N	82.4°E	10	6	Northern Xinjiang, China
1/11/2011	12:31:59	19.9°N	109.2°S	5	6.3	Revilla Gigedo Islands Region, Mexico
5/11/2011	2:32:05	21.4°N	85.8°E	10	3.7	Kendujhargarh, Orissa
6/11/2011	18:34:44	30.6°N	80.3°E	10	3.8	India-China boarder
7/11/2011	11:59:30	36.6°N	71.1°E	205	6	Hindukush Region, Afghanistan
8/11/2011	2:59:08	27.3°N	125.8°E	220	6.8	North East of Taiwan
8/11/2011	12:41:33	26.3°N	90.6°E	15	3.7	Barpeta, Assam
8/11/2011	13:37:29	24.7°N	94.2°E	60	3.7	Ukhrul, Manipur
11/11/2011	9:57:32	26.7°N	89.4°E	15	3.8	Jalpaiguri, West Bengal
12/11/2011	7:01:51	21.1°N	70.5°E	10	4.3	Junagadh, Gujarat
14/11/2011	5:05:01	01.1°S	126.8°E	33	6.6	Molucca Sea, Indonesia
15/11/2011	10:18:40	11.3°N	93.7°E	33	4.5	Andaman Sea
18/11/2011	0:15:35	09.8°N	77.1°E	5	3.1	Idukki, Kerala
18/11/2011	7:51:24	37.5°S	179.3°E	10	6.1	Off East Coast of North Islands. NZ
19/11/2011	10:40:20	04.5°N	79.3°E	10	4.7	Laccadive Sea, Indian Ocean
20/11/2011	10:29:17	30.4°N	78.7°E	33	3.2	Uttarkasi, Uttrakhand
21/11/2011	3:15:33	25.1°N	95.3°E	80	5.8	Myanmar-India Border
22/11/2011	18:48:16	15.3°S	65.1°W	553	6.7	Bolivia
23/11/2011	19:24:29	37.6°N	141.3°E	10	6.0	East Coast of Honshu, Japan
24/11/2011	10:25:35	41.9°N	142.7°E	50	6.2	Hokkaido, Japan

24/11/2011	19:09:22	28.8°N	77.0°E	10	2.5	Delhi - Haryana Border Region
25/11/2011	21:44:59	9.7°N	76.9°E	10	3.2	Idukki, Kerala
27/11/2011	11:01:10	0.3°N	98.0°E	33	5.5	Northern Sumatra, Indonesia
28/11/2011	9:13:11	7.1°S	117.0°E	617	6.1	Bali Sea,Indonesia
28/11/2011	12:26:47	5.4°S	153.7°E	40	6.4	New Ireland Region,P.N.G

GROUND MOTION RECORDS:

In our centre nearly 56 ground motions are available. Since 1973 the ground motions are available with N-S, E-W and U-D components. All the available ground motions are listed. Very soon we will upload it in the server.

(Source: Greece)

S No	Earthquake	Date	Station	Component
1	Alkion	21-Feb-81	Korinthos-Ote Building	EW
2	Alkion	22-Feb-81	Korinthos-Ote Building	NS
3	Alkion	23-Feb-81	Korinthos-Ote Building	Vertical
4	Athens	7-Sep-99	Kallithea	N46
5	Athens	7-Sep-99	Kallithea	N136
6	Athens	7-Sep-99	Kallithea	Vertical
7	Athens	7-Sep-99	Sepolia Garage	Longitudinal
8	Athens	7-Sep-99	Sepolia Garage	Transverse
9	Athens	7-Sep-99	Sepolia Garage	Vertical
10	Ionian	4-Nov-73	Lefkada-Ote	EW
11	Ionian	4-Nov-73	Lefkada-Ote	NS
12	Ionian	4-Nov-73	Lefkada-Ote	Vertical
13	Kalamata	13-Sep-86	Kalamata-Ote	N10W
14	Kalamata	13-Sep-86	Kalamata-Ote	N80E
15	Kalamata	13-Sep-86	Kalamata-Ote	Vertical
16	Kalamata	13-Sep-86	Kalamata-Prefecture	N265
17	Kalamata	13-Sep-86	Kalamata-Prefecture	N355
18	Kalamata	13-Sep-86	Kalamata-Prefecture	Vertical
19	Tessalonika	20-Jun-78	Tessalonika City	EW
20	Tessalonika	20-Jun-78	Tessalonika City	NS
21	Tessalonika	20-Jun-78	Tessalonika City	Vertical
22	Kocaeli	17-Aug-99	Duzce-Meteoroloji Mudurlugu	SN
23	Kocaeli	17-Aug-99	Duzce-Meteoroloji Mudurlugu	West
24	Kocaeli	17-Aug-99	Duzce-Meteoroloji Mudurlugu	Up
25	Umbro	26-Sep-97	Nocera Umbra	Up
26	Umbro	26-Sep-97	Nocera Umbra	NS
27	Umbro	26-Sep-97	Nocera Umbra	WE
28	Elcentro		Imperial Valley	S00E
29	Elcentro		Imperial Valley	S90W
30	Elcentro		Imperial Valley	Vertical
31	Sanfransisco		Sanfransisco	N10E
32	Sanfransisco		Sanfransisco	S80E
33	Sanfransisco		Sanfransisco	Vertical
34	San Helena		Helena Montana	S90W
35	San Helena		Helena Montana	S00W
36	San Helena		Helena Montana	Vertical
37	Olympia Western		Washington	N86E

37	Olympia Western		Washington	N86E
38	Olympia Western		Washington	N04W
39	Olympia Western		Washington	Vertical
40	Parkfield		Parkfield, California	N85E
41	Parkfield		Parkfield, California	N05W
42	Parkfield		Parkfield, California	Vertical
43	Taftlincoln		Taftlincoln School Tunnel	N21E
44	Taftlincoln		Taftlincoln School Tunnel	S69E
45	Taftlincoln		Taftlincoln School Tunnel	Vertical
46	Northridge	17-Jan-94	New Hall LA Country	90 Deg
47	Northridge	17-Jan-94	New Hall LA Country	360 Deg
48	Northridge	17-Jan-94	New Hall LA Country	Up
49	Northridge	17-Jan-94	Sylmar Country Hospital	90 Deg
50	Northridge	17-Jan-94	Santa Monica City	90 Deg
51	Northridge	17-Jan-94	Arleta and Nordhoff	90 Deg
52	Lomapieta	17-Oct-89	Lomapieta	270 Deg
53	Lomapieta	17-Oct-89	Lomapieta	0 Deg
54	Petrolia	25-Apr-92	Cape Mandecino	0 Deg
55	Petrolia	25-Apr-92	Cape Mandecino	90 Deg
56	Petrolia	25-Apr-92	Cape Mandecino	Up

The records are available at server ([\\10.2.28.225](http://10.2.28.225))

EERC LIBRARY:

Proceedings:

- ❖ Post smirt conference seminar proceedings on “Advances in seismic design of structures, systems and components of nuclear facilities” on November 14th - 15th 2011.
- ❖ Workshop on “Service Life Design of Concrete Structures” by ICI-New Delhi centre on November 14th - 15th 2011.

The proceedings are available at server ([\\10.2.28.225](http://10.2.28.225))