

SEISMOGRAPH

File Formats

PSHA Tool File Formats

Supported file formats are listed in the following Table.

Load & Save Catalog	Catalog Files (*.cat)	
Load Project	Seismograph Hazard Project (*.shp)	
Save Project	Seismograph Hazard Project (*.shp)	
Load Map File	JPEG Image (*.jpg)	
	TIFF Image (*.tif)	
	PNG Image (*.png)	
Source Geometry Data	Load & Save	Relative XY Data Files (*.xyd)
		LatLong Data Files (*.lld)
		Text Files (*.txt)
Source Editor	Load Data	Text Files (*.txt)
		CSV Files (*.csv)
		Catalog Files (*.cat)
	Export Declustering Data	Excel Files (*.xlsx)
	Export Source Data	Source Seismicity Data (*.ssd)
Catalog Project	Catalog Builder Project (*.cbp)	

1. CSV Files (*.csv)

Earthquake catalog data from the USGS website. 3 below format are supported.

time	latitude	longitude	depth	mag	magType
2012-03-18T02:38:16.300Z	36.82	49.2	14	4.4	mb
2012-02-04T20:04:14.590Z	37.695	49.716	45	4.8	mb
2010-09-08T05:30:32.100Z	36.82	49.45	5	4.3	mblg
2008-09-13T19:24:13.000Z	36.79	49.72	1	4.2	mblg
2007-08-20T16:08:57.310Z	37.683	49.104	10	4	mb

time	latitude	longitude	depth	mag	magType
2012/03/18T02:38:16.300Z	36.82	49.2	14	4.4	mb
2012/02/04T20:04:14.590Z	37.695	49.716	45	4.8	mb
2010/09/08T05:30:32.100Z	36.82	49.45	5	4.3	mblg
2008/09/13T19:24:13.000Z	36.79	49.72	1	4.2	mblg
2007/08/20T16:08:57.310Z	37.683	49.104	10	4	mb

Year	Month	Day	latitude	longitude	depth	mag	magType
2012	3	18	36.82	49.2	14	4.4	mb
2012	2	4	37.695	49.716	45	4.8	mb
2010	9	8	36.82	49.45	5	4.3	mblg
2008	9	13	36.79	49.72	1	4.2	mblg
2007	8	20	37.683	49.104	10	4	mb

2. TEXT Files (*.txt)

Tab delimited catalog data (according to previous section) with first line header.

File	Edit	Format	View	Help
time		latitude	longitude	depth mag magType
2012-03-18T02:38:16.300Z		36.82	49.2	14 4.4 mb
2012-02-04T20:04:14.590Z		37.695	49.716	45 4.8 mb
2010-09-08T05:30:32.100Z		36.82	49.45	5 4.3 mb g
2008-09-13T19:24:13.000Z		36.79	49.72	1 4.2 mb g
2007-08-20T16:08:57.310Z		37.683	49.104	10 4 mb
2007-05-11T14:50:09.700Z		36.85	49.29	5 4 mb
2003-05-02T08:09:54.070Z		37.332	49.176	33 0
2002-04-19T13:46:49.770Z		36.567	49.81	33 5.2 mwc
2002-02-14T20:06:23.890Z		36.9	49.401	49.1 4.5 mb
2002-01-05T14:43:42.540Z		37.521	49.016	21.3 4.5 mb
2000-04-28T20:32:51.680Z		37.019	49.568	40.3 4.1 mb
1998-07-30T13:15:47.590Z		37.554	49.376	33 4.3 mb
1998-04-04T02:46:33.490Z		36.645	49.427	33 4.5 mb

File	Edit	Format	View	Help
time		latitude	longitude	depth mag magType
2012/03/18T02:38:16.300Z		36.82	49.2	14 4.4 mb
2012/02/04T20:04:14.590Z		37.695	49.716	45 4.8 mb
2010/09/08T05:30:32.100Z		36.82	49.45	5 4.3 mb g
2008/09/13T19:24:13.000Z		36.79	49.72	1 4.2 mb g
2007/08/20T16:08:57.310Z		37.683	49.104	10 4 mb
2007/05/11T14:50:09.700Z		36.85	49.29	5 4 mb
2003/05/02T08:09:54.070Z		37.332	49.176	33 0
2002/04/19T13:46:49.770Z		36.567	49.81	33 5.2 mwc
2002/02/14T20:06:23.890Z		36.9	49.401	49.1 4.5 mb
2002/01/05T14:43:42.540Z		37.521	49.016	21.3 4.5 mb
2000/04/28T20:32:51.680Z		37.019	49.568	40.3 4.1 mb
1998/07/30T13:15:47.590Z		37.554	49.376	33 4.3 mb
1998/04/04T02:46:33.490Z		36.645	49.427	33 4.5 mb

File	Edit	Format	View	Help		
Year	Month	Day	latitude	longitude	depth	mag
2012	3	18	36.82	49.2	14	4.4
2012	2	4	37.695	49.716	45	4.8
2010	9	8	36.82	49.45	5	4.3
2008	9	13	36.79	49.72	1	4.2
2007	8	20	37.683	49.104	10	4
2007	5	11	36.85	49.29	5	4
2003	5	2	37.332	49.176	33	0
2002	4	19	36.567	49.81	33	5.2
2002	2	14	36.9	49.401	49.1	4.5
2002	1	5	37.521	49.016	21.3	4.5
2000	4	28	37.019	49.568	40.3	4.1
1998	7	30	37.554	49.376	33	4.3
1998	4	4	36.645	49.427	33	4.5

SEISMOGRAPH

earthquake engineering software