Fennoscandian Earthquakes, 1951–1985. Catalogue

Description of data format

Region coordinates: 54.5 – 73.3°N, 0.3 –39.7°E   **Number of events: 2024**

Positions	Field length	Description of parameters
1- 3	a3	Region code – FEN – Fennoscandia
5- 8	i4	Year
9-10	i2	Month
11-12	i2	Day
14-21	f8.1	Event time with an accuracy of 0.1 seconds. There are a number of events in the publication that only have a time. They are saved in the catalog file.
23-25	f3.1	Accuracy of time determination with sign ±
27	i1	Time determination accuracy class: 2 means accuracy ≤ 2 sec 5 means accuracy ≤ 5 sec 6 means accuracy > 5 sec
29-32	f4.1	Latitude north in degrees with an accuracy of 0.1
34-37	f4.1	Longitude east in degrees with an accuracy of 0.1
39	i1	Coordinate determination accuracy class: 2 means accuracy ≤ 0.2° 5 means accuracy ≤ 0.5° 6 means accuracy > 0.5°
41-42	a2	Sign for depth ~, <, >, =< , =>
43-46	f4.1	Depth in kilometers. For the depth specified in the publication as an interval, the value given is equal to the middle of the interval. There is an indication in the comment: depth 10-15.
48-49	a2	Sign for magnitude ~, <, >, =< , =>
50-52	f3.1	Magnitude. For the magnitude specified in the publication as an interval, there is a smaller value. There is an indication in the comment: mag 2.7-2.9
54-55	a2	Sign for intensity ~, <, >, =< , =>
56-58	f3.1	Io - intensity of the tremor in points at the epicenter. For the intensity specified in the publication as an interval, the average value of the interval is given. There is an indication in the comment: Io 5-6. The symbol f in position 56 corresponds to " felt " in the publication.
60-61	a2	Sign for the square ~, >, <, =<, =>
62-67	a6	Distribution area of perceptible fluctuations in km^2
70-95		Comments: expl – explosion expl? – possible explosion rock burst – rock burst rock burst? – possible rock burst mag +-0.2 – magnitude determination error is given mag 2.7-2.9 – magnitude is given as an interval depth +-13 – depth determination error is given depth 10-15 – depth is given as an interval or – the publication provides the second possible coordinates for such an event, given in the next line