ID YEAR MONTH DAY HOUR MINUTE LATITUDE LONGITUDE \

0 12 -330 NaN NaN NaN NaN 40.000 25.000

1 481 1764 2.0 11.0 NaN NaN 51.450 -2.583

2 71 859 NaN NaN NaN NaN 36.080 36.250

3 186 1580 1.0 NaN NaN NaN 40.000 128.000

4 5 -1300 NaN NaN NaN NaN 39.960 26.240

5 22 -47 9.0 NaN NaN NaN 37.500 119.500

6 174 1556 10.0 21.0 NaN NaN 37.000 126.000

7 255 1641 12.0 21.0 NaN NaN 38.400 -28.100

8 427 1747 3.0 NaN NaN NaN 33.100 139.800

9 219 1606 1.0 23.0 NaN NaN 31.900 140.000

10 480 1763 9.0 18.0 NaN NaN 50.600 -2.466

11 368 1704 NaN NaN NaN NaN 33.600 136.000

12 470 1761 8.0 14.0 NaN NaN 49.465 -2.585

13 472 1762 5.0 26.0 NaN NaN 60.383 5.333

14 277 1653 NaN NaN NaN NaN 38.400 -27.100

15 302 1668 11.0 23.0 NaN NaN 38.500 -28.100

16 403 1732 NaN NaN NaN NaN 33.100 139.767

17 97 1099 11.0 11.0 NaN NaN 50.116 -5.483

18 81 975 10.0 26.0 NaN NaN 41.040 28.980

19 130 1407 8.0 23.0 NaN NaN 38.000 125.700

LOCATION\_NAME COUNTRY ... CAUSE \

0 E. SPORADES ISLANDS, AEGEAN ISLANDS GREECE ... Earthquake

1 BRISTOL, ENGLAND UK ... Unknown

2 SAMANDAGI TURKEY ... Earthquake

3 YELLOW SEA NORTH KOREA ... Unknown

4 IONIAN COASTS, TROAD TURKEY ... Unknown

5 LAIZHOU BAY, BOHAI SEA CHINA ... Unknown

6 YELLOW SEA SOUTH KOREA ... Unknown

7 AZORES PORTUGAL ... Earthquake

8 IZU PENINSULA, HACHIJO ISLAND JAPAN ... Unknown

9 CHICHIJIMA-TOKAIDO JAPAN ... Volcano

10 WEYMOUTH, ENGLAND UK ... Unknown

11 TAIJI, KII JAPAN ... Unknown

12 GUERNSEY, ENGLISH CHANNEL UK ... Earthquake

13 NORWAY: BERGEN NORWAY ... Unknown

14 AZORES PORTUGAL ... Unknown

15 AZORES PORTUGAL ... Unknown

16 HACHIJO ISLAND, JAPAN JAPAN ... Unknown

17 WEST CORNWALL, ENGLAND UK ... Unknown

18 MARMARA SEA, STRAIT OF BOSPORUS TURKEY ... Unknown

19 HAEJU COAST, YELLOW SEA NORTH KOREA ... Unknown

EVENT\_VALIDITY EQ\_MAGNITUDE EQ\_DEPTH TS\_INTENSITY \

0 Very Doubtful Tsunami 7.0 NaN NaN

1 Very Doubtful Tsunami NaN NaN NaN

2 Questionable Tsunami NaN NaN 3.0

3 Very Doubtful Tsunami NaN NaN 1.0

4 Questionable Tsunami 6.0 NaN 5.0

5 Very Doubtful Tsunami NaN NaN NaN

6 Very Doubtful Tsunami NaN NaN 0.5

7 Very Doubtful Tsunami NaN NaN NaN

8 Questionable Tsunami NaN NaN 0.5

9 Definite Tsunami NaN NaN NaN

10 Very Doubtful Tsunami NaN NaN NaN

11 Questionable Tsunami NaN NaN 1.0

12 Very Doubtful Tsunami NaN NaN NaN

13 Very Doubtful Tsunami NaN NaN NaN

14 Very Doubtful Tsunami NaN NaN NaN

15 Very Doubtful Tsunami NaN NaN NaN

16 Very Doubtful Tsunami NaN NaN NaN

17 Very Doubtful Tsunami NaN NaN NaN

18 Questionable Tsunami NaN NaN 3.0

19 Very Doubtful Tsunami NaN NaN 0.0

DAMAGE\_TOTAL\_DESCRIPTION HOUSES\_TOTAL\_DESCRIPTION \

0 NaN NaN

1 NaN NaN

2 NaN NaN

3 NaN NaN

4 NaN NaN

5 NaN NaN

6 NaN NaN

7 NaN NaN

8 Limited (<$1 million) NaN

9 NaN NaN

10 NaN NaN

11 Limited (<$1 million) Few (~1 to 50 houses)

12 NaN NaN

13 NaN NaN

14 NaN NaN

15 NaN NaN

16 NaN NaN

17 NaN NaN

18 NaN NaN

19 NaN NaN

DEATHS\_TOTAL\_DESCRIPTION \

0 NaN

1 NaN

2 NaN

3 NaN

4 NaN

5 NaN

6 NaN

7 NaN

8 NaN

9 NaN

10 NaN

11 NaN

12 NaN

13 NaN

14 NaN

15 NaN

16 NaN

17 NaN

18 NaN

19 NaN

URL \

0 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

1 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

2 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

3 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

4 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

5 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

6 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

7 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

8 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

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10 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

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12 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

13 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

14 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

15 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

16 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

17 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

18 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

19 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

COMMENTS

0 330 B.C. Aegean Sea, Sporades Islands, 40 N 25...

1 Reference #1894, in full: "On Saturday the 11t...

2 859 (possibly 861), November. Levantian Sea, N...

3 <P><blockquote><i>Reference #414:</i></blockqu...

4 1300 B.C. Ionian and Aegean Seas. References t...

5 47 B.C. September. Laizhou Bay, Bohai Sea, lo...

6 <P><blockquote><i>Reference #414:</i></blockqu...

7 NaN

8 <P><blockquote><i>Reference #414:</i></blockqu...

9 <P><blockquote><i>Reference #414:</i></blockqu...

10 On Sept 18, 1763, in Weymouth, England, the se...

11 There was a tsunami on the south of Kii Penins...

12 Reference #1881: "1761, Aug. 14.--An earthquak...

13 Reference #1879: "At Bergen in Norway, on the ...

14 NaN

15 NaN

16 Latitude and longitude are approximate.\r\n<P>...

17 Berninghausen (Reference #43) states: "St. Mic...

18 NaN

19 <P><blockquote><i>Reference #150:</i></blockqu...

[20 rows x 21 columns]

ID YEAR MONTH DAY HOUR MINUTE LATITUDE LONGITUDE \

2249 5746 2020 3.0 25.0 2.0 49.0 48.986 157.693

2250 5745 1585 6.0 28.0 NaN NaN 40.200 24.500

2251 5744 1905 11.0 8.0 22.0 6.0 40.092 24.627

2252 5747 2020 5.0 2.0 12.0 51.0 34.205 25.712

2253 5748 2020 5.0 29.0 5.0 30.0 -8.058 114.242

2254 5753 2020 7.0 22.0 6.0 12.0 55.030 -158.522

2255 5750 2020 6.0 18.0 12.0 49.0 -33.294 -177.838

2256 5752 2013 4.0 22.0 1.0 16.0 18.081 -102.182

2257 5749 1867 6.0 10.0 NaN NaN -7.800 110.400

2258 5751 2020 6.0 23.0 15.0 29.0 16.029 -95.901

LOCATION\_NAME COUNTRY ... \

2249 N. KURIL ISLANDS RUSSIA ...

2250 NORTH AEGEAN SEA GREECE ...

2251 NORTH AEGEAN SEA GREECE ...

2252 CRETE GREECE ...

2253 LESSER SUNDA: BALI: IJEN VOLCANO INDONESIA ...

2254 SHUMAGIN ISLANDS, AK USA ...

2255 S OF RAOUL ISLAND, KERMADEC ISLANDS NEW ZEALAND ...

2256 MEXICO MEXICO ...

2257 JAVA INDONESIA ...

2258 OFF OF COAST OF OAXACA MEXICO ...

CAUSE \

2249 Earthquake

2250 Earthquake

2251 Earthquake and Landslide

2252 Earthquake

2253 Volcano and Earthquake

2254 Earthquake

2255 Earthquake

2256 Earthquake

2257 Earthquake

2258 Earthquake

EVENT\_VALIDITY EQ\_MAGNITUDE \

2249 Definite Tsunami 7.5

2250 Probable Tsunami 7.0

2251 Probable Tsunami 7.2

2252 Definite Tsunami 6.6

2253 Event that only caused a seiche or disturbance... NaN

2254 Definite Tsunami 7.8

2255 Definite Tsunami 7.4

2256 Probable Tsunami 6.0

2257 Very Doubtful Tsunami NaN

2258 Definite Tsunami 7.4

EQ\_DEPTH TS\_INTENSITY DAMAGE\_TOTAL\_DESCRIPTION \

2249 57.0 NaN NaN

2250 NaN NaN Limited (<$1 million)

2251 15.0 NaN Moderate (~$1 to $5 million)

2252 17.0 NaN NaN

2253 NaN NaN NaN

2254 28.0 NaN NaN

2255 10.0 NaN NaN

2256 30.0 NaN NaN

2257 NaN NaN Severe (~>$5 to $24 million)

2258 26.0 NaN Extreme (~$25 million or more)

HOUSES\_TOTAL\_DESCRIPTION DEATHS\_TOTAL\_DESCRIPTION \

2249 NaN NaN

2250 NaN Few (~1 to 50 people)

2251 NaN Few (~1 to 50 people)

2252 NaN NaN

2253 NaN Few (~1 to 50 people)

2254 NaN NaN

2255 NaN NaN

2256 NaN NaN

2257 Many (~101 to 1000 houses) Few (~1 to 50 people)

2258 NaN Few (~1 to 50 people)

URL \

2249 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

2250 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

2251 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

2252 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

2253 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

2254 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

2255 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

2256 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

2257 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

2258 <https://www.ngdc.noaa.gov/hazel/view/hazards/t>...

COMMENTS

2249 The earthquake generated a ~0.50 m tsunami tha...

2250 <blockquote><i>Ref #9116:</i></blockquote>\r\n...

2251 Importantly, from the analyzed documentary sou...

2252 A tsunami occurred a few hours ago in Ierapetr...

2253 A sulfur miner was killed when volcanic activi...

2254 NaN

2255 A small tsunami (12 cm) occurred today followi...

2256 In the same subduction zone, earthquakes of Ap...

2257 A seaquake was observed in the backarc. While ...

2258 NaN

[10 rows x 21 columns]