

**Box 27 - Collection of Rev. James J. Ruddick, S.J.
Jesuit Seismographic Association papers
Preliminary Determination of Epicenter (PDE)
postcards, ca. 1964 – 1968**

Scope note : In cooperation with the Science Service of the United States Department of Commerce, Coast and Geodetic Survey, the Jesuit Seismological Association developed a postcard reporting systems to determine the epicenter of earthquakes or "ruptures" in the earth surface. The use of "P-waves" measurements is noted to determine the arrival-time difference at a seismograph station from the geographical location of the quake. A graphic illustration of the Earth's rupture can be approximated using this technique.

Recorded on the postcard is the Greenwich (England) date; time at origin (Greenwich); epicenter latitude and longitude; and epicenter and time of origin based on reports from seismograph stations measuring activity. Each station measuring the activity noted the Arc distance from the station in kms, and reported to the Department of Commerce through the postcard (form 481).

1964

No. 1-64, Jan. 23, 1964

No. 2-64, Jan. 27, 1964

No. 3-64, Jan. 30, 1964

No. 4-64, Feb. 3, 1964

No. 5-64, Feb. 6, 1964

No. 6-64, Feb. 10, 1964

No. 7-64, Feb. 13, 1964

No. 8-64, Feb. 17, 1964

No. 9-64, Feb. 20, 1964

No. 10-64, Feb. 24, 1964

No. 11-64, Feb. 27, 1964

No. 12-64, Mar. 2, 1964

No. 13-64, Mar. 5, 1964

No. 14-64, Mar. 9, 1964

No. 15-64, Mar. 12, 1964

No. 16-64, Mar. 16, 1964

No. 17-64, Mar. 19, 1964

No. 18-64, Mar. 23, 1964

No. 19-64, Mar. 26, 1964

No. 20-64, Mar. 30, 1964

Mar. 30, 1964, Alaska Earthquakes of March 28-30, 1964

No. 21-64, Apr. 2, 1964

No. 22-64, Apr. 6, 1964

No. 23-64, Apr. 9, 1964

No. 24-64, Apr. 13, 1964

No. 25-64, Apr. 16, 1964

No. 26-64, Apr. 20, 1964

No. 27-64, Apr. 23, 1964

No. 28-64, Apr. 27, 1964

No. 29-64, Apr. 30, 1964

No. 30-64, May 4, 1964

No. 31-64, May 7, 1964

No. 32-64, May 11, 1964

No. 34-64, May 18, 1964

No. 35-64, May 21, 1964

No. 36-64, May 25, 1964

No. 37-64, May 28, 1964

No. 38-64, Jun. 1, 1964

No. 39-64, Jun. 4, 1964

No. 40-64, Jun. 8, 1964

No. 41-64, Jun. 11, 1964

No. 42-64, Jun. 15, 1964

No. 43-64, Jun. 18, 1964

No. 44-64, Jun. 22, 1964
No. 45-64, Jun. 25, 1964
No. 46-64, Jun. 29, 1964
No. 47-64, Jul. 2, 1964
No. 48-64, Jul. 6, 1964
No. 49-64, Jul. 9, 1964
No. 50-64, Jul. 13, 1964
No. 51-64, Jul. 16, 1964
No. 52-64, Jul. 20, 1964
No. 53-64, Jul. 23, 1964
No. 54-64, Jul. 27, 1964
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No. 56-64, Aug. 3, 1964
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No. 62-64, Aug. 24, 1964
No. 63-64, Aug. 27, 1964
No. 64-64, Aug. 31, 1964
No. 65-64, Sept. 3, 1964
No. 66-64, Sept. 8, 1964
No. 67-64, Sept. 10, 1964
No. 68-64, Sept. 14, 1964
No. 69-64, Sept. 17, 1964
No. 70-64, Sept. 21, 1964
No. 71-64, Sept. 24, 1964
No. 72-64, Sept. 28, 1964

No. 73-64, Oct. 1, 1964
No. 74-64, Oct. 5, 1964
No. 75-64, Oct. 8, 1964
No. 76-64, Oct. 12, 1964
No. 77-64, Oct. 15, 1964
No. 78-64, Oct. 19, 1964
No. 79-64, Oct. 22, 1964
No. 80-64, Oct. 26, 1964
No. 81-64, Oct. 29, 1964
No. 82-64, Nov. 2, 1964
No. 83-64, Nov. 5, 1964
No. 84-64, Nov. 9, 1964
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No. 86-64, Nov. 16, 1964
No. 87-64, Nov. 19, 1964
No. 88-64, Nov. 23, 1964
No. 89-64, Nov. 27, 1964
No. 90-64, Nov. 30, 1964
No. 91-64, Dec. 3, 1964
No. 92-64, Dec. 7, 1964
No. 93-64, Dec. 10, 1964
No. 94-64, Dec. 14, 1964
No. 95-64, Dec. 17, 1964
No. 96-64, Dec. 21, 1964
No. 97-64, Dec. 24, 1964
No. 98-64, Dec. 28, 1964
No. 99-64, Dec. 31, 1964
No. 100-64, Jan. 4, 1965
No. 101-64, Jan. 7, 1965

No. 102-64, Jan. 11, 1965
No. 103-64, Jan. 14, 1965
No. 104-64, Jan. 14, 1965
No. 105-64, Jan. 21, 1965
No. 106-64, Jan. 25, 1965
No. 107-64, Jan. 28, 1965

1965

No. 1-65, Jan. 21, 1965
No. 2-65, Jan. 25, 1965
No. 3-65, Jan. 28, 1965
No. 4-65, Feb. 1, 1965
No. 5-65, Feb. 4, 1965
No. 6-65, Feb. 8, 1965
No. 7-65, Feb. 11, 1965
No. 9-65, Feb. 26, 1965
No. 10-65, Feb. 26, 1965
No. 11-65, Mar. 2, 1965
No. 12-65, Mar. 3, 1965
No. 13-65, Mar. 9, 1965
Mar. 11, 1965, Description of PDE cards
No. 15-65, Mar. 17, 1965
No. 16-65, Mar. 18, 1965
No. 17-65, Mar. 19, 1965
No. 18-65, Mar. 19, 1965
No. 19-65, Mar. 20, 1965
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No. 27-65, Mar. 29, 1965
No. 28-65, Mar. 30, 1965
No. 29-65, Mar. 31, 1965
No. 30-65, Apr. 1, 1965
No. 31-65, Apr. 2, 1965
No. 32-65, Apr. 5, 1965
Apr. 6, 1965, Notice of mailing list revision
No. 33-65, Apr. 6, 1965
No. 34-65, Apr. 7, 1965
No. 35-65, Apr. 8, 1965
No. 36-65, Apr. 14, 1965
No. 37-65, Apr. 16, 1965
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No. 39-65, Apr. 27, 1965
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No. 43-65, May 13, 1965
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No. 46-65, May 26, 1965
No. 47-65, Jun. 1, 1965
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No. 97-66, Feb. 1, 1967

1967

No. 1-67, Jan. 20, 1967

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No. 10-67, Mar. 1, 1967

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No. 51-67, Aug. 28, 1967
No. 52-67, Aug. 30, 1967
No. 53-67, Sept. 1, 1967
No. 54-67, Sept. 8, 1967
Sept. 10, 1967, Handwritten notes on Turkey Earthquake
No. 55-67, Sept. 13, 1967
No. 56-67, Sept. 15, 1967
No. 57-67, Sept. 20, 1967
No. 59-67, Sept. 29, 1967
No. 60-67, Oct. 3, 1967
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No. 82-67, Jan. 29, 1968
No. 83-67, Feb. 2, 1968
No. 84-67, Feb. 16, 1968

1968

No. 1-68, Jan. 29, 1968
No. 2-68, Feb. 2, 1968
No. 3-68, Feb. 6, 1968
No. 4-68, Feb. 16, 1968
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