Box 23 – Collection of Rev. James J. Ruddick, S.J.

Jesuit Seismographic Association papers

Preliminary Determination of Epicenter (PDE) postcards ca. 1932 – 1949

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 system 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 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).

PDE Postcards

1932
No. 2-32, Feb. 3, 1932
No. 3-32, Feb. 7, 1932
No. 4-32, Feb. 20, 1932
No. 4-32, Mar. 23, 1932
No. 5-32, Mar. 23, 1932
No. 6-32, Mar. 31, 1932
No. 7-32, May 19, 1932
No. 8-32, May 26, 1932
No. 9-32, Jun. 1, 1932
No. 10-32, Jun. 9, 1932
No. 11-32, Jun. 13, 1932
No. 12-32, Jun. 14, 1932
No. 13-32, Jun. 23, 1932
No. 14-32, Jun. 28, 1932
No. 15-32, Jul. 14, 1932
No. 16-32, Jul. 19, 1932
No. 17-32, Jul. 30, 1932
No. 18-32, Aug. 17, 1932
No. 19-32, Aug. 19, 1932
No. 20-32, Sept. 13, 1932
No. 21-32, Sept. 19, 1932
No. 22-32, Sept. 21, 1932
No. 23-32, Sept. 29, 1932
No. 24-32, Oct. 1, 1932
No. 25-32, Oct. 4, 1932
No. 26-32, Oct. 5, 1932
No. 27-32, Oct. 18, 1932
No. 28-32, Oct. 21, 1932
No. 29-32, Nov. 2, 1932
No. 30-32, Nov. 4, 1932
No. 31-32, Nov. 7, 1932
No. 32-32, Nov. 19, 1932
No. 33-32, Nov. 23, 1932
No. 34-32, Dec. 3, 1932
No. 35-32, Dec. 12, 1932
No. 36-32, Dec. 14, 1932
No. 38-32, Dec. 29, 1932
No. 39-32, Dec. 30, 1932

1933
No. 1-33, Jan. 9, 1933
1934
No. 1-34, Jan. 11, 1934
No. 2-34, Jan. 19, 1934
No. 3-34, Feb. 3, 1934
No. 4-34, Feb. 7, 1934
No. 5-34, Feb. 20, 1934
No. 6-34, Mar. 1, 1934
No. 7-34, Mar. 7, 1934
No. 8-34, Mar. 13, 1934
No. 9-34, Mar. 17, 1934
No. 10-34, Mar. 23, 1934
No. 11-34, Mar. 31, 1934
No. 12-34, Apr. 20, 1934
No. 13-34, May 9, 1934
No. 14-34, May 21, 1934
No. 15-34, May 22, 1934
No. 16-34, May 23, 1934
No. 17-34, May 29, 1934
No. 18-34, May 31, 1934
No. 19-34, Jun. 20, 1934
No. 20-34, Jun. 28, 1934
No. 21-34, Jun. 28, 1934
No. 23-34, Jul. 14, 1934
No. 24-34, Jul. 16, 1934
No. 30-34, Aug. 4, 1934
No. 31-34, Aug. 13, 1934
No. 32-34, Sept. 6, 1934
No. 33-34, Sept. 21, 1934
No. 34-34, Oct. 19, 1934
No. 35-34, Nov. 13, 1934
No. 36-34, Dec. 4, 1934
No. 37-34, Dec. 8, 1934
No. 38-34, Dec. 11, 1934
No. 39-34, Dec. 14, 1934
No. 40-34, Dec. 29, 1934
No. 41-34, Jan. 10, 1935
No. 42-34, Jan. 11, 1935

1935
No. 1-35, Jan. 12, 1935
No. 2-35, Jan. 31, 1935
No. 3-35, Mar. 1, 1935
No. 2-35, May 4, 1935
No. 3-35, Jun. 6, 1935
No. 4-35, Jul. 5, 1935
No. 5-35, Aug. 6, 1935
No. 6-35, Aug. 10, 1935
No. 7-35, Aug. 14, 1935
No. 8-35, Aug. 17, 1935
No. 9-35, Aug. 23, 1935
No. 11-35, Sept. 11, 1935
No. 12-35, Sept. 18, 1935
No. 13-35, Sept. 21, 1935
No. 14-35, Sept. 27, 1935
No. 16-35, Oct. 3, 1935
No. 17-35, Oct. 4, 1935
No. 18-35, Oct. 26, 1935
No. 19-35, Nov. 8, 1935
No. 20-35, Nov. 13, 1935
No. 21-35, Nov. 26, 1935
No. 22-35, Dec. 2, 1935
No. 23-35, Dec. 9, 1935
No. 24-35, Dec. 23, 1935
No. 27-35, Jan. 7, 1936

1936
No. 1-36, Jan. 22, 1936
No. 2-36, Feb. 26, 1936
No. 3-36, Apr. 9, 1936
No. 4-36, Apr. 27, 1936
No. 5-36, May 5, 1936
No. 6-36, May 8, 1936
No. 7-36, May 29, 1936
No. 8-36, Jun. 4, 1936
No. 9-36, Jun. 6, 1936
No. 10-36, Jun. 11, 1936
No. 11-36, Jun. 17, 1936
No. 12-36, Jul. 7, 1936
No. 13-36, Jul. 13, 1936
No. 14-36, Jul. 21, 1936
No. 15-36, Jul. 23, 1936
No. 16-36, Aug. 1, 1936
No. 17-36, Aug. 8, 1936
No. 18-36, Aug. 20, 1936
No. 19-36, Aug. 26, 1936
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No. 21-36, Oct. 9, 1936
No. 22-36, Oct. 29, 1936
No. 23-36, Nov. 6, 1936
No. 24-36, Nov. 9, 1936
No. 25-36, Nov. 20, 1936
No. 26-36, Nov. 28, 1936
No. 27-36, Dec. 1, 1936
No. 28-36, Jan. 4, 1937
No. 29-36, Jan. 6, 1937
No. 30-36, Jan. 6, 1937

1937
No. 1-37, Jan. 16, 1937
No. 2-37, Feb. 2, 1937
No. 3-37, Feb. 15, 1937
No. 4-37, Mar. 1, 1937
No. 5-37, Mar. 16, 1937
No. 6-37, Mar. 18, 1937
No. 7-37, Mar. 27, 1937
No. 8-37, Apr. 7, 1937
No. 9-37, Apr. 26, 1937
No. 10-37, May 12, 1937
No. 11-37, May 15, 1937
No. 12-37, Jun. 1, 1937
No. 13-37, Jun. 19, 1937
No. 14-37, Jun. 29, 1937
No. 15-37, Jun. 30, 1937
No. 16-37, Jul. 27, 1937
No. 17-37, Aug. 3, 1937
No. 18-37, Aug. 9, 1937
No. 19-37, Aug. 12, 1937
No. 20-37, Sept. 10, 1937
No. 21-37, Sept. 13, 1937
No. 22-37, Sept. 16, 1937
No. 23-37, Sept. 24, 1937
No. 24-37, Sept. 25, 1937
No. 25-37, Sept. 30, 1937
No. 26-37, Oct. 13, 1937
No. 27-37, Oct. 15, 1937
No. 28-37, Nov. 1, 1937
No. 29-37, Nov. 22, 1937
No. 30-37, Dec. 15, 1937
No. 31-37, Dec. 15, 1937
No. 32-37, Jan. 3, 1938
No. 33-37, Jan. 4, 1938
No. 34-37, Jan. 5, 1938
No. 35-37, Jan. 6, 1938
No. 36-37, Jan. 7, 1938
No. 37-37, Jan. 11, 1938
No. 38-37, Jan. 12, 1938

1938
No. 1-38, Jan. 13, 1938
No. 2-38, Jan. 14, 1938
No. 3-38, Jan. 14, 1938
No. 4-38, Feb. 8, 1938
No. 5-38, Feb. 14, 1938
No. 6-38, Feb. 19, 1938
No. 7-38, Feb. 19, 1938
No. 8-38, Mar. 2, 1938
No. 9-38, Mar. 15, 1938
No. 10-38, Apr. 1, 1938
No. 11-38, Apr. 28, 1938
No. 12-38, May 12, 1938
No. 13-38, May 16, 1938
No. 14-38, May 23, 1938
No. 15-38, May 24, 1938
No. 16-38, May 26, 1938
No. 17-38, Jun. 2, 1938
No. 18-38, Jun. 7, 1938
No. 19-38, Jun. 15, 1938
No. 20-38, Jun. 18, 1938
No. 21-38, Jun. 18, 1938
No. 22-38, Jun. 20, 1938
No. 23-38, Jun. 27, 1938
No. 24-38, Jan. 27, 1938
No. 25-38, Jul. 1, 1938
No. 26-38, Jul. 8, 1938
No. 27-38, Jul. 9, 1938
No. 28-38, Jul. 15, 1938
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No. 31-38, Aug. 15, 1938
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No. 34-38, Sept. 17, 1938
No. 35-38, Sept. 19, 1938
No. 36-38, Oct. 19, 1938
No. 37-38, Oct. 29, 1938
No. 38-38, Nov. 18, 1938
No. 39-38, Nov. 19, 1938
No. 40-38, Nov. 22, 1938
No. 41-38, Nov. 29, 1938
No. 42-38, Nov. 29, 1938
No. 43-38, Dec. 10, 1938

1939
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No. 3-39, Feb. 7, 1939
No. 4-39, Feb. 14, 1939
No. 5-39, Feb. 15, 1939
No. 6-39, Apr. 28, 1939
No. 7-39, May 10, 1939
No. 8-39, May 12, 1939
No. 9-39, May 13, 1939
No. 10-39, May 13, 1939
No. 11-39, May 13, 1939
No. 12-39, May 19, 1939
No. 13-39, May 20, 1939
No. 14-39, May 20, 1939
No. 15-39, Jun. 21, 1939
No. 16-39, Jun. 22, 1939
No. 17-39, Jul. 1, 1939
No. 18-39, Jul. 7, 1939
No. 19-39, Jul. 13, 1939
No. 20-39, Jul. 14, 1939
No. 21-39, Jul. 27, 1939
No. 22-39, Aug. 25, 1939
No. 23-39, Aug. 25, 1939
No. 24-39, Aug. 24, 1939
No. 25-39, Aug. 26, 1939
No. 26-39, Sept. 25, 1939
No. 27-39, Sept. 29, 1939
No. 28-39, Oct. 16, 1939
No. 29-39, Oct. 23, 1939
No. 30-39, Nov. 2, 1939
No. 31-39, Nov. 6, 1939
No. 32-39, Nov. 22, 1939
No. 33-39, Nov. 24, 1939
No. 34-39, Nov. 30, 1939
No. 34-39, Feb. 3, 1940 (revised)
No. 35-39, Dec. 13, 1939
No. 36-39, Dec. 26, 1939
No. 37-39, Jan. 6, 1940
No. 38-39, Jan. 6, 1940
No. 39-39, Jan. 8, 1940
No. 40-39, Jan. 8, 1940
No. 41-39, Jan. 8, 1940

1940
No. 1-40, Jan. 10, 1940
No. 2-40, Jan. 15, 1940
No. 3-40, Jan. 26, 1940
No. 4-40, Feb. 17, 1940
No. 5-40, Mar. 8, 1940
No. 6-40, Apr. 8, 1940
No. 7-40, May 1, 1940
No. 8-40, May 15, 1940
No. 9-40, May 28, 1940
No. 10-40, May 29, 1940
No. 11-40, Jun. 7, 1940
No. 12-40, Jun. 7, 1940
No. 13-40, Jun. 8, 1940
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No. 15-40, Jun. 10, 1940
No. 16-40, Jun. 10, 1940
No. 17-40, Jun. 10, 1940
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No. 19-40, Jun. 15, 1940
No. 20-40, Jul. 2, 1940
No. 21-40, Jul. 2, 1940
No. 22-40, Jul. 6, 1940
No. 23-40, Jul. 30, 1940
No. 24-40, Jul. 30, 1940
No. 25-40, Jul. 30, 1940
No. 26-40, Jul. 30, 1940
No. 27-40, Jul. 30, 1940
No. 28-40, Aug. 20, 1940
No. 29-40, Aug. 21, 1940
No. 30-40, Aug. 31, 1940
No. 31-40, Sept. 30, 1940
1940
No. 32-40, Oct. 16, 1940
No. 33-40, Oct. 16, 1940
No. 34-40, Oct. 23, 1940
No. 35-40, Nov. 6, 1940
No. 37-40, Dec. 12, 1940
No. 38-40, Jan. 6, 1941
No. 39-40, Jan. 7, 1941
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No. 41-40, Jan. 13, 1941

1941
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No. 3-41, Feb. 20, 1941
No. 4-41, Mar. 31, 1941
No. 5-41, Apr. 1, 1941
No. 6-41, Apr. 18, 1941
No. 7-41, Apr. 18, 1941
No. 8-41, Apr. 18, 1941
No. 9-41, Apr. 30, 1941
No. 10-41, May 1, 1941
No. 11-41, May 6, 1941
No. 12-41, May 1941
No. 13-41, May 26, 1941
No. 14-41, May 26, 1941
No. 15-41, Jun. 10, 1941
No. 16-41, Jun. 10, 1941
No. 17-41, Jun. 14, 1941
No. 18-41, Jun. 18, 1941
No. 19-41, Jul. 17, 1941
No. 20-41, Jul. 21, 1941
No. 21-41, Aug. 15, 1941
No. 22-41, Aug. 21, 1941
No. 23-41, Aug. 22, 1941
No. 24-41, Aug. 23, 1941
No. 25-41, Aug. 25, 1941
No. 26-41, Sept. 23, 1941
No. 27-41, Sept. 23, 1941
No. 28-41, Sept. 27, 1941
No. 29-41, Oct. 2, 1941
No. 30-41, Oct. 3, 1941
No. 31-41, Oct. 10, 1941
No. 32-41, Oct. 10, 1941
No. 33-41, Oct. 20, 1941
No. 34-41, Oct. 20, 1941
No. 35-41, Nov. 14, 1941
No. 36-41, Nov. 26, 1941
No. 37-41, Dec. 11, 1941
No. 38-41, Dec. 11, 1941
No. 39-41, Dec. 13, 1941
No. 40-41, Dec. 13, 1941

1942
No. 1-42, Jan. 28, 1942
No. 2-42, Feb. 5, 1942
No. 3-42, Mar. 14, 1942
No. 4-42, Mar. 20, 1942
No. 5-42, Mar. 27, 1942
No. 6-42, Apr. 18, 1942
No. 7-42, Apr. 21, 1942
No. 8-42, May 23, 1942
No. 9-42, May 23, 1942
No. 10-42, Jun. 17, 1942
No. 11-42, Jul. 1, 1942
No. 12-42, Jul. 8, 1942
No. 13-42, Jul. 10, 1942
No. 14-42, Jul. 22, 1942
No. 14A-42, Jul. 22, 1942
No. 15-42, Jul. 22, 1942
No. 16-42, Jul. 22, 1942
No. 17-42, Jul. 22, 1942
No. 18-42, Jul. 22, 1942
No. 19-42, Jul. 22, 1942
No. 20-42, Jul. 22, 1942
No. 22-42, Aug. 26, 1942
No. 23-42, Sept. 9, 1942
No. 23A-42, Sept. 29, 1942
No. 24-42, Sept. 12, 1942
No. 25-42, Sept. 29, 1942
No. 26-42, Sept. 29, 1942
No. 27-42, Sept. 29, 1942
No. 28-42, Sept. 29, 1942
No. 29-42, Oct. 19, 1942
No. 30-42, Nov. 2, 1942
No. 31-42, Nov. 2, 1942
No. 32-42, Nov. 4, 1942
No. 33-42, Nov. 30, 1942
No. 34-42, Dec. 1, 1942
1942
No. 35-42, Dec. 28, 1942
No. 36-42, Dec. 28, 1942
No. 37-42, Dec. 28, 1942
No. 38-42, Jan. 25, 1943
No. 39-42, Jan. 25, 1943
No. 40-42, Jan. 25, 1943
No. 41-42, Jan. 25, 1943
No. 42-42, Jan. 25, 1943
No. 43-42, Jan. 25, 1943
No. 44-42, Jan. 25, 1943

1943
No. 1-43, Feb. 15, 1943
No. 2-43, Feb. 15, 1943
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No. 4-43, Mar. 25, 1943
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No. 6-43, Mar. 25, 1943
No. 7-43, Mar. 25, 1943
No. 8-43, Mar. 25, 1943
No. 9-43, Apr. 6, 1943
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No. 12-43, Apr. 6, 1943
No. 13-43, Apr. 6, 1943
No. 14-43, Apr. 6, 1943
No. 15-43, May 1, 1943
No. 16-43, May 1, 1943
No. 17-43, May 14, 1943
No. 18-43, Jun. 2, 1943
No. 19-43, Jun. 2, 1943
No. 19-43, Jun. 16, 1943
No. 20-43, Jun. 16, 1943
No. 21-43, Jun. 19, 1943
No. 22-43, Jun. 21, 1943
No. 23-43, Jun. 21, 1943
No. 24-43, Jul. 15, 1943
No. 25-43, Jul. 15, 1943
No. 26-43, Jul. 15, 1943
No. 27-43, Aug. 14, 1943
No. 28-43, Aug. 14, 1943
No. 29-43, Aug. 21, 1943
No. 30-43, Aug. 12, 1943
No. 31-43, Sept. 8, 1943
No. 32-43, Sept. 22, 1943
No. 33-43, Sept. 23, 1943
No. 34-43, Sept. 23, 1943
No. 35-43, Sept. 23, 1943
No. 36-43, Sept. 23, 1943
No. 37-43, Sept. 25, 1943
No. 38-43, Oct. 2, 1943
No. 39-43, Nov. 1, 1943
No. 40-43, Nov. 12, 1943
No. 41-43, Nov. 17, 1943
No. 42-43, Nov. 18, 1943
No. 43-43, Dec. 8, 1943
No. 44-43, Dec. 17, 1943
No. 45-43, Jan. 4, 1944
1944
No. 1-44, Jan. 27, 1944
No. 2-44, Feb. 8, 1944
No. 3-44, Feb. 12, 1944
No. 4-44, Feb. 15, 1944
No. 5-44, Mar. 15, 1944
No. 6-44, Apr. 6, 1944
No. 7-44, Apr. 25, 1944
No. 8-44, May 10, 1944
No. 9-44, May 10, 1944
No. 10-44, May 16, 1944
No. 11-44, Jun. 12, 1944
No. 12-44, Jun. 14, 1944
No. 13-44, Jun. 26, 1944
No. 14-44, Jul. 8, 1944
No. 15-44, Jul. 11, 1944
No. 16-44, Jul. 22, 1944
No. 17-44, Jul. 26, 1944
No. 18-44, Jul. 29, 1944
No. 19-44, Aug. 9, 1944
No. 20-44, Aug. 31, 1944
No. 21-44, Aug. 31, 1944
No. 22-44, Aug. 31, 1944
No. 23-44, Sept. 12, 1944
No. 24-44, Sept. 16, 1944
No. 25-44, Oct. 5, 1944
No. 26-44, Oct. 18, 1944
No. 27-44, Oct. 19, 1944
No. 28-44, Nov. 6, 1944
No. 29-44, Nov. 27, 1944
No. 30-44, Nov. 27, 1944
No. 31-44, Dec. 4, 1944
No. 33-44, Jan. 15, 1945
No. 34-44, Jan. 15, 1945

1945
No. 1-45, Jan. 15, 1945
No. 2-45, Feb. 23, 1945
No. 3-45, Feb. 23, 1945
No. 4-45, Apr. 2, 1945
No. 5-45, Apr. 27, 1945
No. 6-45, Apr. 27, 1945
No. 7-45, May 31, 1945
No. 8-45, May 31, 1945
No. 9-45, May 31, 1945
No. 10-45, Jun. 12, 1945
No. 11-45, Jun. 18, 1945
No. 12-45, Jul. 9, 1945
No. 13-45, Jul. 9, 1945
No. 14-45, Jul. 9, 1945
No. 15-45, Jul. 9, 1945
No. 16-45, Jul. 9, 1945
No. 17-45, Jul. 27, 1945
No. 18-45, Jul. 27, 1945
No. 19-45, Aug. 10, 1945
No. 20-45, Aug. 31, 1945
No. 21-45, Aug. 31, 1945
No. 22-45, Aug. 31, 1945
No. 23-45, Aug. 31, 1945
No. 24-45, Aug. 31, 1945
No. 25-45, Sept. 17, 1945
No. 26-45, Sept. 27, 1945
No. 27-45, Sept. 27, 1945
No. 28-45, Oct. 10, 1945
No. 29-45, Oct. 12, 1945
No. 30-45, Oct. 12, 1945
No. 31-45, Nov. 1, 1945
No. 32-45, Nov. 2, 1945
No. 33-45, Nov. 2, 1945
No. 34-45, Nov. 2, 1945
No. 35-45, Nov. 9, 1945
No. 36-45, Nov. 9, 1945
No. 37-45, Nov. 13, 1945
No. 38-45, Nov. 13, 1945
No. 39-45, Dec. 3, 1945
No. 40-45, Dec. 3, 1945
No. 41-45, Dec. 3, 1945
No. 42-45, Dec. 7, 1945
No. 43-45, Dec. 5, 1945
No. 44-45, Dec. 10, 1945
No. 45-45, Dec. 21, 1945
No. 46-45, Dec. 21, 1945
No. 47-45, Jan. 22, 1946
No. 48-45, Jan. 22, 1946
1946
No. 1-46, Jan. 22, 1946
No. 2-46, Jan. 22, 1946
No. 3-46, Jan. 25, 1946
No. 4-46, Mar. 1, 1946
No. 5-46, Apr. 3, 1946
No. 6-46, Apr. 30, 1946
No. 7-46, May 8, 1946
No. 8-46, May 13, 1946
No. 9-46, May 13, 1946
No. 10-46, May 17, 1946
No. 11-46, May 24, 1946
No. 12-46, Jun. 11, 1946
No. 13-46, Jul. 8, 1946
No. 14-46, Jul. 8, 1946
No. 15-46, Jul. 8, 1946
No. 16-46, Jul. 10, 1946
No. 17-46, Jul. 15, 1946
No. 18-46, Jul. 23, 1946
No. 19-46, Jul. 30, 1946
No. 20-46, Jul. 30, 1946
No. 21-46, Aug. 6, 1946
No. 22-46, Aug. 7, 1946
No. 23-46, Aug. 12, 1946
No. 24-46, Aug. 14, 1946
No. 25-46, Aug. 23, 1946
No. 26-46, Aug. 23, 1946
No. 27-46, Sept. 4, 1946
No. 28-46, Sept. 4, 1946
No. 29-46, Sept. 18, 1946
No. 30-46, Sept. 26, 1946
No. 31-46, Sept. 26, 1946
No. 32-46, Sept. 26, 1946
No. 33-46, Oct. 2, 1946
No. 34-46, Oct. 2, 1946
No. 35-46, Oct. 8, 1946
No. 36-46, Oct. 9, 1946
No. 37-46, Nov. 1, 1946
No. 38-46, Nov. 4, 1946
No. 39-46, Nov. 6, 1946
No. 40-46, Nov. 6, 1946
No. 41-46, Nov. 12, 1946
No. 42-46, Nov. 13, 1946
No. 43-46, Nov. 15, 1946
No. 44-46, Dec. 27, 1946
No. 45-46, Dec. 27, 1946

1947
No. 1-47, Jan. 13, 1947
No. 2-47, Jan. 29, 1947
No. 3-47, Jan. 29, 1947
No. 4-47, Jan. 29, 1947
No. 5-47, Jan. 29, 1947
No. 6-47, Jan. 29, 1947
No. 7-47, Feb. 3, 1947
No. 8-47, Mar. 20, 1947
No. 9-47, Mar. 28, 1947
No. 10-47, Apr. 4, 1947
No. 11-47, Apr. 15, 1947
No. 12-47, Apr. 16, 1947
No. 13-47, Apr. 30, 1947
No. 14-47, May 6, 1947
No. 15-47, May 8, 1947
No. 16-47, May 12, 1947
No. 17-47, May 27, 1947
No. 18-47, May 28, 1947
No. 19-47, Jun. 10, 1947
No. 20-47, Jun. 16, 1947
No. 21-47, Jun. 16, 1947
No. 22-47, Jun. 16, 1947
No. 23-47, Jun. 20, 1947
No. 24-47, Jul. 15, 1947
No. 25-47, Jul. 17, 1947
No. 26-47, Jul. 17, 1947
No. 27-47, Jul. 17, 1947
No. 28-47, Jul. 23, 1947
No. 29-47, Jul. 30, 1947
No. 30-47, Jul. 30, 1947
No. 31-47, Jul. 30, 1947
No. 32-47, Jul. 30, 1947
No. 33-47, Jul. 30, 1947
No. 34-47, Jul. 31, 1947
No. 35-47, Aug. 7, 1947
No. 36-47, Aug. 7, 1947
No. 37-47, Aug. 11, 1947
1947
No. 67-47, Nov. 14, 1947
No. 68-47, Nov. 14, 1947
No. 69-47, Nov. 25, 1947
No. 70-47, Nov. 25, 1947
No. 71-47, Nov. 25, 1947
No. 72-47, Nov. 25, 1947
No. 73-47, Dec. 5, 1947
No. 74-47, Dec. 5, 1947
No. 75-47, Dec. 24, 1947
No. 76-47, Dec. 24, 1947
No. 77-47, Dec. 24, 1947
No. 78-47, Jan. 5, 1948
No. 79-47, Jan. 5, 1948
No. 80-47, Jan. 5, 1948
No. 81-47, Jan. 5, 1948

1948
No. 1-48, Jan. 8, 1948
No. 2-48, Jan. 8, 1948
No. 3-48, Jan. 20, 1948
No. 4-48, Jan. 20, 1948
No. 5-48, Jan. 20, 1948
No. 6-48, Jan. 23, 1948
No. 7-48, Jan. 23, 1948
No. 8-48, Jan. 28, 1948
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