

## GEOPHYSICS DIVISION, GEOLOGICAL SURVEY OF CANADA

## DECEMBER 1987 GLOBAL SEISMIC EVENT BULLETIN

Column 1: N - Underground Nuclear Explosion (confirmed)  
 Column 2: A - in U.S. Territory C - in Chinese Territory  
 U - in Soviet Territory F - in French Territory  
 Column 3: Y - Detected at Yellowknife Array

| DAY | TIME         | LAT.   | LONG.   | DEP. | NS | MAG |                                 |
|-----|--------------|--------|---------|------|----|-----|---------------------------------|
| A Y | 5 8:39:33.4  | 52.10  | 178.86  | 530  | 7  | 3.8 | RAT ISLANDS, ALEUTIAN ISLANDS   |
| Y   | 5 15:27: 1.9 | 12.81  | -99.09  | 33N  | 4  |     | OFF COAST OF MEXICO             |
| A   | 5 18:19:12.2 | 54.04  | -163.69 | 33N  | 19 | 4.8 | UNIMAK ISLAND REGION            |
| A   | 5 20:10:22.0 | 59.27  | -142.79 | 33N  | 5  | 4.3 | GULF OF ALASKA                  |
|     | 5 21:48:24.6 | -11.48 | 151.84  | 33N  | 3  | 4.2 | DENTRECASTEAUX ISLANDS REGION   |
| Y   | 5 22:53:45.9 | 15.23  | -96.23  | 33N  | 3  |     | NEAR COAST OF OAXACA, MEXICO    |
|     | 6 0:48:23.3  | 3.98   | 125.62  | 33N  | 10 | 5.1 | TALAUD ISLANDS                  |
| A Y | 6 2:32: 3.1  | 58.52  | -142.64 | 33N  | 7  | 4.4 | GULF OF ALASKA                  |
| Y   | 6 2:36:15.1  | 24.20  | 121.80  | 33N  | 4  | 3.9 | TAIWAN                          |
|     | 6 3:23:26.4  | -22.59 | -177.27 | 33N  | 7  | 5.4 | SOUTH OF FIJI ISLANDS           |
| Y   | 6 4: 7:42.5  | 0.52   | 148.99  | 33N  | 13 | 5.2 | CAROLINE ISLANDS REGION         |
| Y   | 6 17:15:13.9 | 4.13   | -81.78  | 33N  | 4  | 4.5 | SOUTH OF PANAMA                 |
| U Y | 6 18:16:32.8 | 54.42  | 161.96  | 33N  | 37 | 5.1 | NEAR EAST COAST OF KAMCHATKA    |
| Y   | 7 0: 0:11.7  | -19.30 | -169.36 | 33N  | 13 | 5.1 | TONGA ISLANDS REGION            |
| Y   | 7 0: 7:32.2  | 37.79  | 42.94   | 38   | 28 | 4.7 | TURKEY                          |
|     | 7 1:57: 7.6  | 34.86  | 20.16   | 33N  | 13 | 4.1 | MEDITERRANEAN SEA               |
| Y   | 7 5:54: 3.0  | 49.36  | -127.40 | 33N  | 11 | 4.4 | VANCOUVER ISLAND REGION         |
| A Y | 7 9:25:11.4  | 63.25  | -149.97 | 33N  | 5  | 4.8 | CENTRAL ALASKA                  |
|     | 7 9:52:34.3  | 37.61  | 142.09  | 33N  | 11 | 4.5 | OFF EAST COAST OF HONSHU, JAPAN |
| Y   | 7 11:39:14.9 | 26.51  | 123.51  | 33N  | 5  | 4.3 | NORTHEAST OF TAIWAN             |
| Y   | 7 12:26:32.0 | -12.89 | 167.01  | 185  | 37 | 5.2 | SANTA CRUZ ISLANDS              |
| Y   | 7 12:49:57.1 | -13.28 | 166.95  | 33N  | 8  | 4.7 | NEW HEBRIDES ISLANDS            |
| Y   | 7 13:14:47.5 | -13.08 | 167.22  | 93   | 13 | 5.4 | NEW HEBRIDES ISLANDS            |
| U   | 7 13:58:39.8 | 48.31  | 154.20  | 33N  | 5  | 4.1 | KURILE ISLANDS                  |
| A Y | 7 17:48:25.6 | 44.52  | -128.31 | 33N  | 18 | 4.8 | OFF COAST OF OREGON             |
| Y   | 7 19:20:28.9 | -12.73 | 167.36  | 33N  | 15 | 5.2 | SANTA CRUZ ISLANDS              |
| Y   | 8 1:46:31.9  | 42.57  | 145.14  | 33N  | 17 | 4.5 | HOKKAIDO, JAPAN REGION          |
| A Y | 8 5:12:33.6  | 58.87  | -142.70 | 33N  | 9  | 4.9 | GULF OF ALASKA                  |
| Y   | 8 5:48:42.0  | 36.66  | 133.87  | 33N  | 14 | 4.7 | SEA OF JAPAN                    |
|     | 8 10:39:12.9 | 35.14  | 72.58   | 33N  | 5  | 4.1 | PAKISTAN                        |
| Y   | 8 14:48: 4.8 | -32.26 | -112.45 | 33N  | 13 | 5.7 | EASTER ISLAND CORDILLERA        |
| Y   | 8 16:33:42.1 | 7.53   | -75.26  | 33N  | 5  | 4.1 | NORTHERN COLOMBIA               |
|     | 8 17:21:21.1 | 12.30  | 125.50  | 33N  | 3  | 4.2 | SAMAR, PHILIPPINE ISLANDS       |
| Y   | 8 18: 9:34.6 | 35.02  | -61.35  | 33N  | 11 | 4.9 | NORTH ATLANTIC OCEAN            |
| Y   | 8 18:17:13.8 | 21.88  | 142.74  | 33N  | 7  | 4.5 | MARIANA ISLANDS REGION          |
| Y   | 8 19:11:59.9 | -10.92 | 166.85  | 564  | 10 | 4.4 | SANTA CRUZ ISLANDS              |
|     | 8 19:56:55.3 | -42.16 | 47.08   | 33N  | 12 | 5.0 | CROZET ISLANDS REGION           |
| Y   | 8 20: 9:29.2 | -11.74 | 166.24  | 33N  | 6  | 4.7 | SANTA CRUZ ISLANDS              |
| Y   | 8 22:26:45.6 | 44.41  | 139.90  | 33N  | 3  | 4.0 | EASTERN SEA OF JAPAN            |
| A Y | 8 23:25:53.4 | 58.64  | -142.12 | 33N  | 4  |     | GULF OF ALASKA                  |
|     | 9 0:37: 7.1  | 44.71  | 10.76   | 33N  | 14 |     | NORTHERN ITALY                  |
|     | 9 2:33:39.8  | -14.87 | 166.83  | 33N  | 5  | 4.8 | NEW HEBRIDES ISLANDS            |
| U Y | 9 4:21:49.1  | 36.62  | 71.67   | 33N  | 4  | 4.0 | AFGHANISTAN-USSR BORDER REGION  |