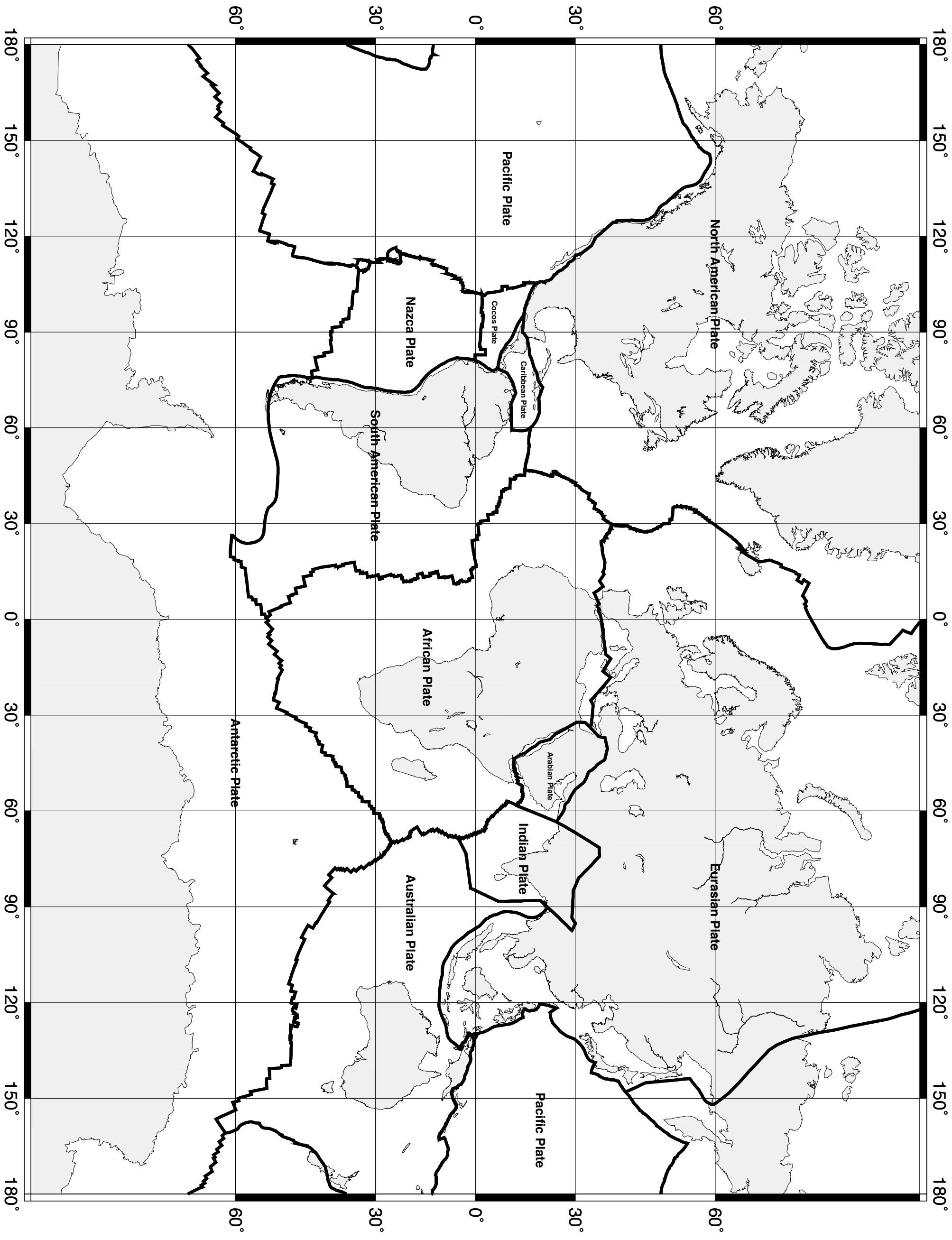
Table 13.1 Earthquake Data Set

Earthquake Number	Date	Latitude	Longitude	Depth (km)	Magnitude on Richter Scale	Location
1	9-4-90	30.3° S	69.2° W	110	5.7	Chile-Argentina border region
2	9-11-90	23.6° N	121.8° E	50	5.9	Taiwan
3	9-18-90	51.8° N	177.9° E	40	5.7	Rat Islands, Aleutian Islands
4	9-23-90	16.6° S	168.3° E	33	6.2	Vanuatu Islands
5	9-23-90	33.2° N	138.8° E	33	6.3	South of Honshu, Japan
6	9-26-90	28.2° S	27.1° E	18	5.3	Republic of South Africa
7	9-30-90	25.3° N	125.7° E	33	6.1	Southwestern Ryukyu Islands
8	10-04-90	41.7° S	175.5° E	33	5.2	North Island, New Zealand
9	10-10-90	18.5° S	66.8° W	280	5.8	Bolivia
10	10-21-90	4.0° S	77.2° W	120	5.7	Northern Peru
11	10-31-90	26.2° S	70.3° W	60	5.6	Near coast of northern Chile
12	11-01-90	5.2° S	104.7° W	10	5.6	Northern Easter Island
13	11-25-90	2.3° S	77.7° W	30	5.6	Peru-Ecuador border region
14	2-7-91	66.4° N	148.1° W	10	5.3	Alaska
15	2-2-92	51.7° S	140.2° E	10	6.4	South of Australia
16	2-21-92	13.6° N	92.1° W	33	5.6	Off coast of Chiapas, Mexico
17	1-10-94	13.1° S	69.2° W	600	6.3	Peru-Bolivia border region
18	1-25-94	10.5° N	42.0° W	33	5.8	Northern Mid-Atlantic Ridge
19	3-14-94	1.4° N	24.0° W	10	6.3	Central Mid-Atlantic Ridge
20	3-14-94	15.7° N	92.4° W	160	6.3	Mexico-Guatemala border region
21	5-30-96	56.6° S	26.1° W	85	6.0	South Sandwich Islands region
22	6-2-96	10.6° N	42.3° W	10	6.8	Northern Mid-Atlantic Ridge
23	1-3-98	34.9° S	15.9° W	10	5.9	Tristan Da Cunha region
24	2-6-98	56.0° S	27.7° W	129	5.5	South Sandwich Islands region
25	2-16-98	52.7° N	33.6° W	10	6.6	North Atlantic Ocean
26	2-25-98	53.9° N	35.0° W	10	5.7	North Atlantic Ocean
27	3-29-98	0.3° S	17.9° W	10	5.5	North of Ascension Island
28	7-11-98	17.8° N	101.1° W	33	4.7	Near coast of Guerrero, Mexico
29	7-11-98	35.4° N	118.4° W	6	3.0	Central California
30	7-11-98	43.7° N	110.6° W	5	3.0	Wyoming
31	7-12-98	24.8° N	141.5° E	100	5.1	Volcano Islands region
32	7-12-98	23.2° N	122.8° E	33	5.0	Taiwan region
33	7-12-98	47.7° N	82.8° E	33	4.8	Kazakhstan-Xinjiang border region
34	7-12-98	17.0° N	100.1° W	33	4.9	Near coast of Guerrero, Mexico
35	7-12-98	30.1° N	67.8° E	33	4.9	Pakistan
36	7-13-98	37.0° N	20.7° E	10	4.5	Ionian Sea
37	7-13-98	37.4° N	118.9° W	0.4	3.0	California-Nevada border
38	7-13-98	18.7° N	144.3° E	194	4.7	Mariana Island
39	7-14-98	48.9° N	128.2° W	10	3.9	Vancouver Island region
40	7-14-98	44.2° N	128.5° W	10	4.0	Off coast of Oregon

PLATE BOUNDARY MAP

This map is from Dietmar Mueller, Univ. of Sydney

This map is part of "Discovering Plate Boundaries," a classroom exercise developed by Dale S. Sawyer at Rice University (dale@rice.edu). Additional information about this exercise can be found at http://terra.rice.edu/plateboundary .