

3. Earthquake Disaster Countermeasures
a. Damages from the Earthquakes in Japan

Major Earthquake Disasters after World War II in Japan

名 称 NAME	発生年月日 DATE	マグニチュード EARTHQUAKE MAGNITUDE	被害状況 死 者・行方不明 損失家屋 DEATHS・MISSING Wrecked Houses	
関東大地震 Great Kanto Eq	大正12. 9. 1 1923.9.1	7.9	142,807	576,262
東南海地震 Tohnankai Eq	昭和19.12. 7 1944.12.7	7.9	1,251	19,367
南海地震 Nankai Eq	昭和21.12.21 1946.12.21	8.0	1,443	13,119
福井地震 Fukui Eq	昭和23. 6.28 1948.6.28	7.1	3,769	40,035
十勝沖地震 Tokachi-oki Eq	昭和27. 3. 4 1952.3.4	8.2	33	921
チリ地震津波 Tsunami by Chile Eq	昭和35. 5.23 1960.5.23	9.5	139	2,830
新潟地震 Niigata Eq	昭和39. 6.16 1964.6.16	7.5	26	2,250
十勝沖地震 Tokachi-oki Eq	昭和43. 5.16 1968.5.16	7.9	52	691
伊豆半島沖地震 Izu-hantoh-oki Eq	昭和49. 5. 9 1974.5.9	6.9	30	139
伊豆大島近海地震 Izu-Oshima-Kinkai Eq	昭和53. 1.14 1978.1.14	7.0	25	96
宮城県沖地震 Miyagi-ken-oki Eq	昭和53. 6.12 1978.6.12	7.4	28	1,183
日本海中部地震 Nihon-kai-chubu Eq	昭和58. 5.26 1983.5.26	7.7	104	987
長野県西部地震 Nagano-ken-seibu Eq	昭和59. 9.14 1984.9.14	6.8	29	24
千葉県東方沖地震 Chiba-ken-Toho-oki Eq	昭和62.12.17 1987.12.17	6.7	2	16
釧路沖地震 Kushiro-oki Eq	平成 5. 1.15 1993.1.15	7.8	1	12
北海道南西沖地震 Hokkai-Do-Nansei-oki Eq	平成 5. 7.12 1993.7.12	7.8	230	594
三陸はるか沖地震 Sanriku-haruka-oki Eq	平成 6.12.28 1994.12.28	7.5	3	72
兵庫県南部地震 (阪神・淡路大震災) Great Hanshin-Awaji Eq	平成 7. 1.17 1995.1.17	7.2	6,433	104,900

b. Progress of Earthquake Disaster Countermeasures

年 月 YEAR. MO	震災対策の歩み EARTHQUAKE DISASTER COUNTERMEASURES	主な災害 MAJOR DISASTERS
昭和22.10 1947.10	<p>「災害救助法」制定 "Disaster Relief Law" enacted.</p> 	<p>大正12. 9 関東大震災 1923. 9 Great Kanto Earthquake</p> <p>昭和19.12 東南海地震 1944.12 Tohnanakai Earthquake</p> <p>21.12 南海地震 1946.12 Nankai Earthquake</p> <p>27. 3 十勝沖地震 1952. 3 Tokachi-oki Earthquake</p> <p>33. 9 狩野川台風 1958. 9 Kanogawa Typhoon</p> <p>34. 9 伊勢湾台風 1959. 9 Ise wan Typhoon</p>
36.11 1961.11	<p>「災害対策基本法」公布 (S37 中央防災会議設置 S38 防災基本計画決定) "Disaster Countermeasures Basic Act" promulgated (1962-Central Disaster Prevention Council established; 1963-Basic Plan for Disaster Prevention adopted)</p>	
37. 9 1962. 9	<p>「激甚法 (激甚災害に対処するための特別の財政援助等に関する法律)」公布 "Act concerning Special Financial Support to Deal with the Designated Disaster of Extreme Severity" promulgated.</p>	
39. 7 1964. 7	<p>測地学審議会、関係各省の大臣に「地震予知」について建議 (第1次) Geodesy Council makes (1st) proposition on "earthquake prediction" to the ministers of related ministries.</p>	<p>39. 6 新潟地震 1964. 6 Niigata Earthquake</p> <p>40~45 松代群発地震 1965~70 Matsushiro Earthquake Swarm</p>
44. 4 1969. 4	<p>「地震予知連絡会」国土地理院に設置 "Coordination Committee for Earthquake Prediction" established in the Geographical Survey Institute.</p>	<p>43. 5 十勝沖地震 1968. 5 Tokachi-oki Earthquake</p>
46. 5 1971. 5	<p>中央防災会議「大都市震災対策推進要綱」決定 "Essentials of Earthquake Countermeasures for Large Cities" adopted at Central Disaster Prevention Council.</p>	<p>46. 2 米サンフェル 1971. 2 San Fernando (Calif.U.S.) Earthquake</p>

年・月 YEAR, MO	震災対策の歩み EARTHQUAKE DISASTER COUNTERMEASURES	主な災害 MAJOR DISASTERS
昭和46. 9 1971. 9	国を中心に「震災対策訓練」実施（以降、毎年） The nationally sponsored "Earthquake Disaster Countermeasures Drill" executed (has become an annual event since then).	
48. 7 1973. 7	中央防災会議「1. 地震予知の推進 2. 都市防災化の推進 3. 防災体制の強化等」について申し合わせ Central Disaster Prevention Council agrees on "1. Promotion of earthquake prediction; 2. promotion of disaster-proof cities; 3. reinforcement of disaster prevention system"	
49. 6 1974. 6	国土庁発足（長官官房災害対策室） National Land Agency established (as well as Disaster Countermeasures Office at Minister's Secretariat)	
49.10 1974.10	中央防災会議に「大都市震災対策連絡会議」を設置 "Coordination Committee on Earthquake Countermeasures for Large Cities" established within the Central Disaster Prevention Council.	
50. 8 1975. 8	中央防災会議「当面の防災対策の推進について」決定 Central Disaster Prevention Council adopts the "Contemporary Promotion of Urgent Disaster Prevention Countermeasures".	
51.10 1976.10	閣議決定により内閣に「地震予知推進本部」の設置 "Headquarters for Earthquake Prediction Promotion" established within the Cabinet based on Cabinet Council's decision.	
52. 4 1977. 4	国土庁長官官房に「震災対策課」設置 "Earthquake Disaster Countermeasures Division" established at Minister's Secretariat in National Land Agency.	
52. 4 1977. 4	地震予知連絡会に「東海地域判定会」が設置（S54.8廃止） "Tokai Area Assessment Council" established within the Coordination Committee for Earthquake Prediction (Abolished 79.8).	
53 1978	国土庁「防災基地建設モデル事業」開始 "Model Project for Disaster Prevention Base Construction" started by National Land Agency.	
53. 6 1978. 6	「大規模地震対策特別措置法」公布 "Large-scale Earthquake Countermeasures Act" Promulgated.	昭和53. 6 宮城県沖地震
54. 8 1979. 8	「東海地震に係る地震防災対策強化地域」の指定 Official designation made of "Areas under Intensified Measures against Tokai Earthquake Disaster"	1978. 6 Miyagi-ken-oki Earthquake
54. 8 1979. 8	「地震防災対策強化地域判定会」の発足 "Prediction Committee for the Area under Intensified Measures Against Earthquake Disaster" established.	
54. 9 1979. 9	中央防災会議「東海地震の強化地域に係る地震防災基本計画」の作成 "Basic Plan regarding Areas under Intensified Measures against Earthquake Disaster for the Tokai Area" formulated at Central Disaster Prevention Council.	
54.11 1979.11	「広域防災基地の設置」について方針決定（国有財産中央審議会「立川飛行場返還国有地の処理について答申」） The policy adopted for Regional Disaster Prevention Base (The Central National Property Council makes recommendation on "Disposition on Reverted Nationally Owned Land of Tachikawa Air Base")	
55. 5 1980. 5	「地震財特法（地震防災対策強化地域における地震対策緊急整備事業に係る国の財政上の特別措置に関する法律）」公布 "Earthquake Special Fiscal Measures Act", or the Act concerning the Special Fiscal Measures for the Project for Urgent improvement of Earthquake Countermeasures in Areas under Intensified Measures against Earthquake Disaster promulgated.	
55.12 1980.12	「地震対策緊急整備事業計画」の承認 "Project Plan for Urgent Improvement of Earthquake Countermeasures" approved.	
58. 5 1983. 5	中央防災会議で「当面の防災対策の推進について」を決定 Central Disaster Prevention Council adopts the "Contemporary Promotion of Urgent Disaster Prevention Countermeasures"	58. 5 日本海中部地震
58. 6 1983. 6	「津波警報関係省庁連絡会議」設置（S58.7「沿岸地域における津波警戒の徹底について」申合せ） "Coordination Committee for Tsunami Warning System" established. (1983.7 "Through propagation of Tsunami Warning to coastal areas" discussed and agreed upon.)	1983. 5 Nihon-kai-chubu Earthquake



日本海中部地震による大津波（八森町）
Tidal wave in Nihon-Kai-chubu Eq (Hachimori-town)

年 月 YEAR. MO	震災対策の歩み EARTHQUAKE DISASTER COUNTERMEASURES	主な災害 MAJOR DISASTERS
58.12 1983.12	「立川広域防災基地整備推進連絡会議」設置 "Coordination Committee for Development of Tachikawa Regional Disaster Prevention Base" established.	59. 9 長野県西部地震 1984. 9 Nagano-ken-seibu Earthquake
59. 7 1984. 7	国土庁に「防災局」設置 "Disaster Prevention Bureau" established in National Land Agency.	
60. 3 1985. 3	「地震財特法」の一部改正（有効期限の5年延長） "Earthquake Special Fiscal Measures Act" partly revised (to extend validity term by 5 years).	62.12 千葉県東方沖地震 1987.12 Chiba-ken-toho-oki Earthquake
60. 7 1985. 7	地震対策緊急整備事業計画変更の承認 The revision of "Project Plan for Urgent Improvement of Earthquake Countermeasures" approved.	
63. 6 1988. 6	中央防災会議地震防災対策強化地域指定専門委員会検討結果中間報告 The interim Report on the Results of Studies by the Central Disaster Prevention Council's Expert committee for Areas under Intensified Measures against Earthquake Disaster	
63. 7 1988. 7	測地学審議会「地震予知の推進について」第6次建議 Geodesy Council presents the 6th recommendation on "Promotion of Earthquake Prediction"	
63.10 1988.10	立川広域防災基地災害対策本部予備施設落成 Preparatory Institution for Headquarters for Disaster Countermeasures of Tachikawa Regional Disaster Prevention Base was opened.	
63.12 1988.12	中央防災会議「南関東地域震災応急対策活動要領」決定 Central Disaster Prevention Council adopts the "Outline of Emergency Countermeasure Activities against Earthquake Disasters in South Kanto Area"	
平成2. 3 1990. 3	「地震財特法」の一部改正（有効期限の5年延長） "Earthquake Special Fiscal Measures Act" partly revised (to extend validity term by 5 years).	
2. 8 1990. 8	地震対策緊急整備事業計画変更の承認 The revision of "Project Plan for Urgent Improvement of Earthquake Countermeasures" approved.	
4. 8 1992. 8	中央防災会議地震防災対策強化地域指定専門委員会検討結果報告 The Report on the Results of Studies by the Central Disaster Prevention Council's Expert committee for Areas under Intensified Measures against Earthquake Disaster	
4. 8 1992. 8	中央防災会議「南関東地域直下の地震対策に関する大綱」決定 Central Disaster Prevention Council adopts the "General Principles relating to Countermeasures for Earthquakes Directly below the Southern Kanto Region"	平成5. 1 釧路沖地震 1993. 1 Kushiro-oki Earthquake
5. 7 1993. 7	測地学審議会「地震予知の推進について」第7次建議 Geodesy Council presents the 7th recommendation on "Promotion of Earthquake Prediction"	5. 7 北海道南西沖地震 1993. 7 Hokkai-Do-Nansei-oki Earthquake
5.11 1993.11	津波警報関係省庁連絡会議「沿岸地域における津波警戒の徹底について」申合せ "Through propagation of Tsunami Warning to coastal areas" discussed and agreed upon by "Coordination Committee for Tsunami Warning System"	
7. 3 1995. 3	「地震財特法」の一部改正（有効期限の5年延長） "Earthquake Special Fiscal Measures Act" partly revised (to extend validity term by 5 years).	6.12 三陸はるか沖地震 Sanriku-hanaka-oki-Earthquake
7. 6 1995. 6	「災害対策基本法」の一部改正 "Disaster Countermeasures Basic Act" partly revised	
7. 6 1995. 6	「地震防災対策特別措置法」公布 "Earthquake Disaster Prevention Special Measures Act" promulgated	7. 1 阪神・淡路大震災 The Great Hanshin-Awaji Earthquake
7. 7 1995. 7	「地震調査研究推進本部」総理府に設置 "Headquarters of Earthquake Research Promotion" established in the Prime Minister's Office	
7. 7 1995. 7	「防災基本計画」改訂 "Basic Plan for Disaster Prevention" revised	
7.12 1995.12	「災害対策基本法」及び「大規模地震対策特別措置法」の一部改正 "Disaster Countermeasures Basic Act" and "Large-scale Earthquake Countermeasures Act" partly revised	
7 1995	国土庁「地震防災情報システム（DIS）整備開始」 「地域防災拠点施設整備モデル事業」開始 The National Land Agency launched the "Model Project for Local Disaster Prevention Base Facilities Development" and commences work on the "Disaster Information Systems (DIS)"	
10. 1 1998. 1	中央防災会議に「大都市震災対策専門委員会」設置 The "Expert Committee on Earthquake Countermeasures for Large Cities" was established in the Central Disaster Prevention Council.	
10. 3 1998. 3	「地域防災計画における津波対策強化の手引き」「津波災害予測マニュアル」通知 The "Guide for Intensifying Tsunami Countermeasures in Local Plan for Disaster Prevention" and the "Tsunami Disaster Forecasting Manual" were issued.	
10. 6 1998. 6	中央防災会議「大都市震災対策専門委員会」提言 Proposals by the Central Disaster Prevention Council's Expert Committee on Earthquake Countermeasures for Large Cities	
10. 8 1998. 8	「南関東地域直下の地震対策に関する大綱」「南関東地域震災応急対策活動要領」の改訂決定 The Central Disaster Prevention Council moved to revise the "General Principles Relating to Countermeasures for Earthquakes Directly Below the Southern Kanto Region" and the "Guidelines for Emergency Countermeasure Activities against Earthquake Disaster in Southern Kanto Region". 測地学審議会「地震予知のための新たな観測研究計画の推進について」建議 The Geodesy Council presented recommendation on "Promotion of a New Earthquake Prediction Monitoring Plan".	