

Top 25 Natural Disasters in Japan according to Number of Killed(1901-2000)

Rank	DisNo	GLIDE No.	DisType	DisName	Year	Month	Day	Killed	Injured	Homeless	Affected	TotAff	DamageUS\$ ('000s)	Location	PrimarySource
1	19230006	EQ-1923-0006-JPN	Earthquake		1923	9	1	143,000			100,000	100,000	600,000	Yokohama, Tokyo	US Gov:OFDA
2	19950016	EQ-1995-0016-JPN	Earthquake		1995	1	17	5,502	36,896	300,000	1,500,000	1,836,896	131,500,000	Kobe	UN:OCHA
3	19590013	ST-1959-0013-JPN	Wind storm		1959	9	26	5,014		1,500,000	1,500,000	3,000,000	600,000	Entire Nation	Govern:IDNDR
4	19170005	ST-1917-0005-JPN	Wind storm		1917	9		4,000					50,000	Honshu	ReInsurance
5	19480005	EQ-1948-0005-JPN	Earthquake		1948	6	28	3,769				0	1,000,000	Fukui	US Gov:OFDA
6	19450002	ST-1945-0002-JPN	Wind storm		1945	9	18	3,746			1,117,243	1,117,243	400,000	Kyushu/Kanto	US Gov:OFDA
7	19330006	EQ-1933-0006-JPN	Earthquake		1933	3	3	3,008				0		Sanriku Coast	US Gov:OFDA
8	19340008	ST-1934-0008-JPN	Wind storm		1934	9	21	3,006					50,000	Honshu	Govern:IDNDR
9	19330001	WV-1933-0001-JPN	Wave/surge		1933	3	3	3,000						Sanriku	US Gov:OFDA
10	19230009	ST-1923-0009-JPN	Wind storm		1923	9		3,000					10,000	Honshu	ReInsurance
11	19270004	EQ-1927-0004-JPN	Earthquake		1927	3	27	2,925				0	40,000	Near Tango, Honshu	US Gov:OFDA
12	19230010	WV-1923-0010-JPN	Wave/surge		1923	9	1	2,144						Atami, Ito, Simoda	Govern:Japan
13	19470002	FL-1947-0002-JPN	Flood		1947			2,000						Honshu	US Gov:OFDA
14	19450015	EQ-1945-0015-JPN	Earthquake		1945	1	13	1,961				0		Mikawa	Govern:IDNDR
15	19470009	ST-1947-0009-JPN	Wind storm		1947	9	15	1,930						Honshu	Govern:IDNDR
16	19540019	ST-1954-0019-JPN	Wind storm		1954	9	26	1,761						North Japan	Government
17	19460015	EQ-1946-0015-JPN	Earthquake		1946	12	21	1,432				0		Tokaido	US Gov:OFDA
18	19100019	FL-1910-0019-JPN	Flood		1910	8	6	1,379						Nationwide	Govern:IDNDR
19	19580012	ST-1958-0012-JPN	Wind storm		1958	9	27	1,175						Kanagawa	Govern:IDNDR
20	19270003	WV-1927-0003-JPN	Wave/surge		1927	3	7	1,100						South-West Kyoto	Govern:Japan
21	19430027	EQ-1943-0027-JPN	Earthquake		1943	9		1,083				0		Tottori	UN:OCHA:lib/ver
22	19530048	FL-1953-0048-JPN	Flood		1953	7		1,024						Nationwide	Priv:RFF
23	19530013	FL-1953-0013-JPN	Flood		1953	6	23	1,013						Nationwide	Govern:IDNDR
24	19120008	ST-1912-0008-JPN	Wind storm		1912	9		1,000					20,000	Nagoya, Osaka	ReInsurance
25	19440026	EQ-1944-0026-JPN	Earthquake		1944	12		998				0		Hondo	UN:OCHA:lib/ver

Top 25 Natural Disasters in Japan according to Totally Affected People(1901-2000)

Rank	DisNo	GLIDE No.	DisType	DisName	Year	Month	Day	Killed	Injured	Homeless	Affected	TotAff	DamageUS\$ ('000s)	Location	PrimarySource
1	19590013	ST-1959-0013-JPN	Wind storm		1959	9	26	5,014		1,500,000	1,500,000	3,000,000	600,000	Nationwide	Govern:IDNDR
2	19650056	FL-1965-0056-JPN	Flood		1965	9	18	114			3,000,000	3,000,000	90,000	Southern Japan	US Gov:OFDA
3	19830437	EQ-1983-0437-JPN	Earthquake		1983	8	8	1	28		2,125,000	2,125,028		S Coast Of Honshu	UN:OCHA:lib/ver
4	19780031	EP-1978-0031-JPN	Epidemic		1978	2					2,000,000	2,000,000		Nationwide	US Gov:OFDA
5	19950016	EQ-1995-0016-JPN	Earthquake		1995	1	17	5,502	36,896	300,000	1,500,000	1,836,896	131,500,000	Kobe	UN:OCHA
6	19450002	ST-1945-0002-JPN	Wind storm		1945	9	18	3,746			1,117,243	1,117,243	400,000	Kyushu/Kanto	US Gov:OFDA
7	19610006	FL-1961-0006-JPN	Flood		1961	6		357			1,085,208	1,085,208		Entire Nation Except Hokkaido	US Gov:OFDA
8	19530018	ST-1953-0018-JPN	Wind storm		1953	9	25	250			1,000,000	1,000,000		Nagoya	US Gov:OFDA
9	19450006	ST-1945-0006-JPN	Wind storm		1945	10		451			450,818	450,818		Entire Nation Except Hokkaido	US Gov:OFDA
10	19570007	FL-1957-0007-JPN	Flood		1957	7		992			430,400	430,400		Kyushu Isl	US Gov:OFDA
11	20000606	FL-2000-0606-JPN	Flood		2000	9		9	32	0	360,000	360,032		Nagoya	US Gov:NOAA
12	19480007	ST-1948-0007-JPN	Wind storm		1948	9		838			345,128	345,128		Kinki/Tohoku	Govern:IDNDR
13	19760062	ST-1976-0062-JPN	Wind storm		1976	9	8	169	107		325,000	325,107	800,000	Southern Japan	Govern:IDNDR
14	20000576	ST-2000-0576-JPN	Wind storm		2000	9	12	9	41	0	180,000	180,041		Aichi, Mie, Gifu regions	Lloyds Cas Wk
15	19490007	ST-1949-0007-JPN	Wind storm		1949	6		468			161,705	161,705		Western Japan	Govern:IDNDR
16	19820365	ST-1982-0365-JPN	Wind storm		1982	7	3	100		140,000		140,000		Nagasaki	UN:OCHA:lib/ver
17	19860391	FL-1986-0391-JPN	Flood		1986			14			135,000	135,000		Central Japan	UN:UNEP
18	19230006	EQ-1923-0006-JPN	Earthquake		1923	9	1	143,000			100,000	100,000	600,000	Yokohama, Tokyo	US Gov:OFDA
19	19910539	ST-1991-0539-JPN	Wind storm	Mireille	1991	9	27	66	777	351	90,000	91,128	5,200,000	Kyushu, Holkkaido Isl.	US Gov:NOAA
20	19900155	ST-1990-0155-JPN	Wind storm		1990	12	12		78		87,700	87,778	13,000	Mobara, Chiba	Press:Int Her Trib
21	19970214	ST-1997-0214-JPN	Wind storm	Oliwa	1997	9	16	4			67,000	67,000		Kyushu Isl.	Lloyds Cas Wk
22	19870193	ST-1987-0193-JPN	Wind storm		1987	10	16	8	10		65,000	65,010		Shikoku & Honshu	US Gov:OFDA
23	19810072	ST-1981-0072-JPN	Wind storm		1981	8	6	47		22,500	40,000	62,500		Hokkaido	US Gov:OFDA
24	19980278	ST-1998-0278-JPN	Wind storm	Rex	1998	8	27	14	40		40,000	40,040		Fukushima Prefecture	US Gov:NOAA
25	19920103	VO-1992-0103-JPN	Volcano	Unzen & S	1992	4	17	0			40,000	40,000		Shimabara (Kyushu Isl.)	Press

Top 25 Natural Disasters in Japan according to Amount of Damage(1,000 US\$)(1901-2000)

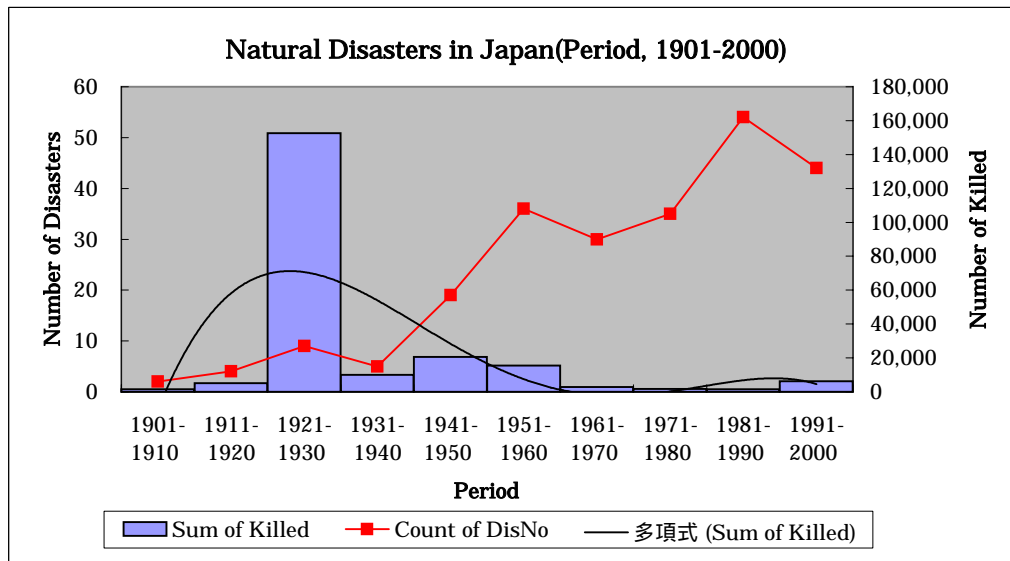
Rank	DisNo	GLIDE No.	DisType	DisName	Year	Month	Day	Killed	Injured	Homeless	Affected	DamageUS ('000s)	Location	PrimarySource
1	19950016	EQ-1995-0016-JPN	Earthquake		1995	1	17	5,502	36,896	300,000	1,500,000	131,500,000	Kobe	UN:OCHA
2	19940343	EQ-1994-0343-JPN	Earthquake		1994	10	4	10	340			11,700,000	Shikotan, Iturup, Kunashir (Karii Isl.)	US Gov:USGS
3	19920174	ST-1992-0174-JPN	Wind storm		1992	1	31	0	348			7,800,000	Kanagawa, Chiba, Saitama prefectures (Tokyo)	ReIns:Swiss
4	19910539	ST-1991-0539-JPN	Wind storm	Mireille	1991	9	27	66	777	351	90,000	5,200,000	Kyushu, Holkkaido Isl.	US Gov:NOAA
5	19910728	FL-1991-0728-JPN	Flood		1990	6	21	27	81	507	0	1,700,000	Kyushu	UN:WMO
6	19480005	EQ-1948-0005-JPN	Earthquake		1948	6	28	3,769				1,000,000	Fukui	US Gov:OFDA
7	19760062	ST-1976-0062-JPN	Wind storm		1976	9	8	169	107		325,000	800,000	Southern Japan	Govern:IDNDR
8	19780080	EQ-1978-0080-JPN	Earthquake		1978	6	12	28	500		2,000	800,000	Sendai	US Gov:OFDA
9	19590013	ST-1959-0013-JPN	Wind storm		1959	9	26	5,014		1,500,000	1,500,000	600,000	Nation wide	Govern:IDNDR
10	19230006	EQ-1923-0006-JPN	Earthquake		1923	9	1	143,000			100,000	600,000	Yokohama, Tokyo	US Gov:OFDA
11	19750049	ST-1975-0049-JPN	Wind storm		1975	8	15	68	52		123	505,000	Northern Japan	US Gov:OFDA
12	19830081	EQ-1983-0081-JPN	Earthquake		1983	5	26	104	77			416,000	West honshu	US Gov:OFDA
13	19450002	ST-1945-0002-JPN	Wind storm		1945	9	18	3,746			1,117,243	400,000	Kyushu/Kanto	US Gov:OFDA
14	19740037	ST-1974-0037-JPN	Wind storm		1974	7	11	108				400,000	Nation wide	US Gov:OFDA
15	19930097	EQ-1993-0097-JPN	Earthquake		1993	1	15	2	722		9,800	358,000	Near Kushiro (Hokkaido)	ReIns:Swiss
16	19640036	EQ-1964-0036-JPN	Earthquake		1964	6	16	28	376		35,000	280,000	Niigata	US Gov:OFDA
17	19910536	ST-1991-0536-JPN	Wind storm	Kinna	1991	9	14	6				272,000	Okinawa	ReIns:Swiss
18	19900407	ST-1990-0407-JPN	Wind storm	Flo	1990	9	17	40				269,900	Honshu	ReIns:Swiss
19	19930192	SL-1993-0192-JPN	Slide		1993	8	6	56	35			210,000	Kagoshina	ReIns:Swiss
20	19860097	ST-1986-0097-JPN	Wind storm		1986	8	4	17	64			200,000	North & Cent Japan	US Gov:OFDA
21	19820090	ST-1982-0090-JPN	Wind storm		1982	8	2	80	150		3,000	137,000	Honshu	US Gov:OFDA
22	19680050	EQ-1968-0050-JPN	Earthquake		1968	5	16	53	281		2,500	131,000	Aomori Pref	US Gov:OFDA
23	19930079	ST-1993-0079-JPN	Wind storm	Yancy	1993	9	5	48	208	0	30,255	129,000	Kyushu Isl.	UN:WMO
24	19990243	FL-1999-0243-JPN	Flood		1999	6	27	45	28	111	24,000	107,000	Hiroshima State	US Gov:NOAA
25	19850375	ST-1985-0375-JPN	Wind storm		1985	8	30	30	200			99,500	Kyushu	UN:OCHA

Natural Disasters in Japan(Period, Type) (1901-2000)

Data								
Period	DisTypes	Count of DisNo	Sum of Killed	Sum of Injured	Sum of Homeless	Sum of Affected	Sum of TotAff	Sum of DamageUS \$ ('000s)
1901-1910	Flood	1	1,379					
	Volcano	1	125				0	
1911-1920	Earthquake	1	94				0	
	Volcano	1	35				0	20,000
	Wind storm	2	5,000					70,000
1921-1930	Earthquake	3	145,925			100,000	100,000	640,000
	Slide	1	200				0	
	Volcano	2	150				0	
	Wave/surge	2	3,244					
	Wind storm	1	3,000					10,000
1931-1940	Earthquake	2	3,009				0	
	Flood	1	933					
	Wave/surge	1	3,000					
	Wind storm	1	3,006					50,000
1941-1950	Earthquake	5	9,243				0	1,000,000
	Flood	4	3,117					
	Volcano	2	6				0	80,000
	Wind storm	8	8,140			2,074,894	2,074,894	400,000
1951-1960	Earthquake	2	215				0	
	Flood	6	3,753			430,400	430,400	
	Slide	2	113				0	
	Volcano	2	37				0	
	Wave/surge	1	138					50,000
	Wind storm	23	11,291		1,500,000	2,500,000	4,000,000	600,000
1961-1970	Earthquake	3	81	657		37,500	38,157	411,000
	Flood	7	1,195	34		4,085,325	4,085,359	110,000
	Slide	1	108				0	
	Volcano	1	5				0	
	Wind storm	18	1,462	1,320		46,419	47,739	7,900
1971-1980	Drought	1						
	Earthquake	8	120	640		2,098	2,738	801,000
	Epidemic	2	1			2,000,074	2,000,074	
	Flood	6	514	50		43,000	43,050	52,000
	Slide	3	127				0	
	Volcano	2	3			10,000	10,000	22,000
	Wind storm	13	907	387	13,000	345,123	358,510	1,705,000
1981-1990	Earthquake	20	266	285		2,126,000	2,126,285	465,000
	Flood	6	540	516	507	187,000	188,023	1,732,000
	Slide	6	175					
	Volcano	4	0		1,100	17,500	18,600	
	Wind storm	18	579	1,076	167,500	247,700	416,276	794,400
1991-2000	Earthquake	8	5,747	38,392	300,312	1,522,102	1,861,966	143,574,000
	Epidemic	1	0			460	460	
	Flood	6	85	93	111	424,800	410,704	181,300
	Slide	5	118	88	0	130	218	210,000
	Volcano	5	44	20	0	71,330	71,350	
	Wind storm	19	246	2,798	7,515	454,555	464,868	13,536,500
Grand Total		238	217,476	46,356	1,990,045	16,726,410	18,749,671	166,522,100

Natural Disasters in Japan(Period, 1901-2000)

Period	Count of DisNo	Sum of Killed	Sum of Injured	Sum of Homeless	Sum of Affected	Sum of TotAff	Sum of DamageUS\$ ('000s)
1901-1910	2	1,504				0	
1911-1920	4	5,129				0	90,000
1921-1930	9	152,519			100,000	100,000	650,000
1931-1940	5	9,948				0	50,000
1941-1950	19	20,506			2,074,894	2,074,894	1,480,000
1951-1960	36	15,547		1,500,000	2,930,400	4,430,400	650,000
1961-1970	30	2,851	2,011		4,169,244	4,171,255	528,900
1971-1980	35	1,672	1,077	13,000	2,400,295	2,414,372	2,580,000
1981-1990	54	1,560	1,877	169,107	2,578,200	2,749,184	2,991,400
1991-2000	44	6,240	41,391	307,938	2,473,377	2,809,566	157,501,800



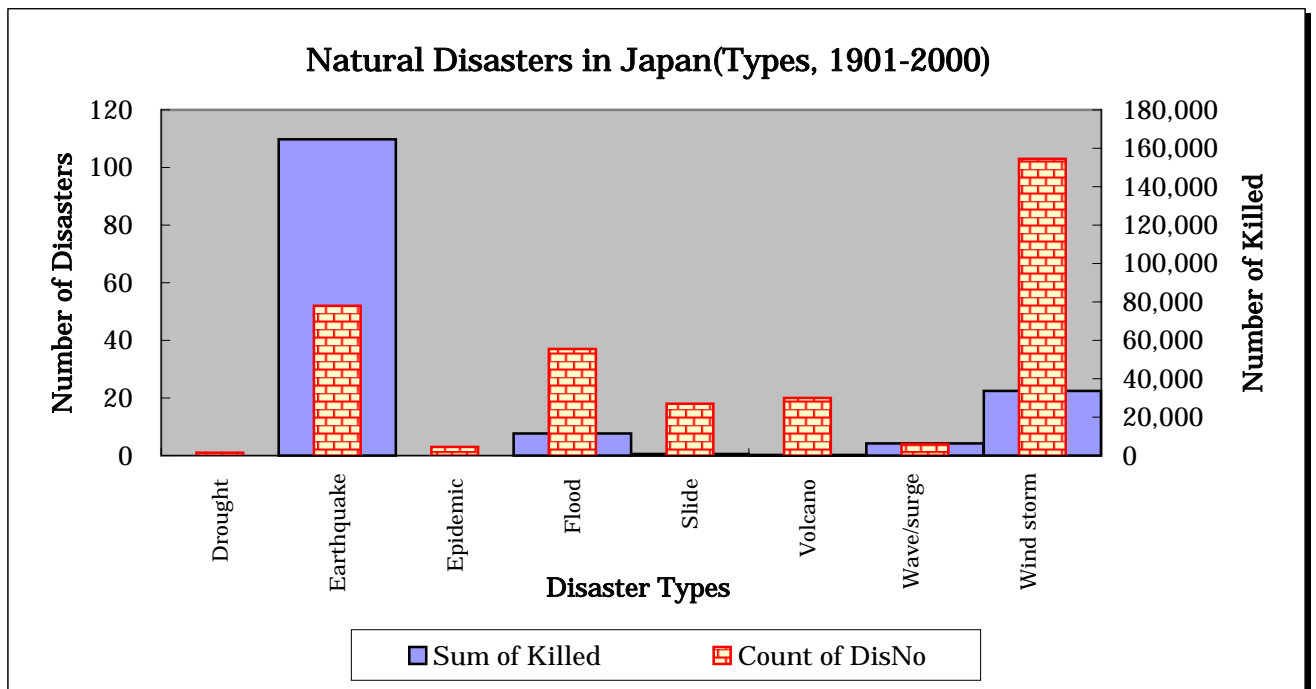
	Count of DisNo	Sum of Killed
1901-1910	2	1,504
1911-1920	4	5,129
1921-1930	9	152,519
1931-1940	5	9,948
1941-1950	19	20,506
1951-1960	36	15,547
1961-1970	30	2,851
1971-1980	35	1,672
1981-1990	54	1,560
1991-2000	44	6,240

Natural Disasters in Japan(Type, Period) (1901-2000)

DisTypes	Period	Data						
		Count of DisNo	Sum of Killed	Sum of Injured	Sum of Homeless	Sum of Affected	Sum of TotAff	Sum of DamageUS\$ (000s)
Drought	1971-1980	1						
Earthquake	1911-1920	1	94				0	
	1921-1930	3	145,925			100,000	100,000	640,000
	1931-1940	2	3,009				0	
	1941-1950	5	9,243				0	1,000,000
	1951-1960	2	215				0	
	1961-1970	3	81	657		37,500	38,157	411,000
	1971-1980	8	120	640		2,098	2,738	801,000
	1981-1990	20	266	285		2,126,000	2,126,285	465,000
	1991-2000	8	5,747	38,392	300,312	1,522,102	1,861,966	143,574,000
Epidemic	1971-1980	2	1			2,000,074	2,000,074	
	1991-2000	1	0			460	460	
Flood	1901-1910	1	1,379					
	1931-1940	1	933					
	1941-1950	4	3,117					
	1951-1960	6	3,753			430,400	430,400	
	1961-1970	7	1,195	34		4,085,325	4,085,359	110,000
	1971-1980	6	514	50		43,000	43,050	52,000
	1981-1990	6	540	516	507	187,000	188,023	1,732,000
	1991-2000	6	85	93	111	424,800	410,704	181,300
Slide	1921-1930	1	200				0	
	1951-1960	2	113				0	
	1961-1970	1	108				0	
	1971-1980	3	127				0	
	1981-1990	6	175					
Volcano	1901-1910	1	125				0	
	1911-1920	1	35				0	20,000
	1921-1930	2	150				0	
	1941-1950	2	6				0	80,000
	1951-1960	2	37				0	
	1961-1970	1	5				0	
	1971-1980	2	3			10,000	10,000	22,000
	1981-1990	4	0		1,100	17,500	18,600	
	1991-2000	5	44	20	0	71,330	71,350	
Wave/surge	1921-1930	2	3,244					
	1931-1940	1	3,000					
	1951-1960	1	138					50,000
Wind storm	1911-1920	2	5,000					70,000
	1921-1930	1	3,000					10,000
	1931-1940	1	3,006					50,000
	1941-1950	8	8,140			2,074,894	2,074,894	400,000
	1951-1960	23	11,291		1,500,000	2,500,000	4,000,000	600,000
	1961-1970	18	1,462	1,320		46,419	47,739	7,900
	1971-1980	13	907	387	13,000	345,123	358,510	1,705,000
	1981-1990	18	579	1,076	167,500	247,700	416,276	794,400
	1991-2000	19	246	2,798	7,515	454,555	464,868	13,536,500
	Grand Total		238	217,476	46,356	1,990,045	16,726,410	18,749,671

Natural Disasters in Japan(Type, 1901-2000)

DisTypes	Count of DisNo	Sum of Killed	Sum of Injured	Sum of Homeless	Sum of Affected	Sum of TotAff	Sum of DamageUS\$ ('000s)
Drought	1						
Earthquake	52	164,700	39,974	300,312	3,787,700	4,129,146	146,891,000
Epidemic	3	1			2,000,534	2,000,534	
Flood	37	11,516	693	618	5,170,525	5,157,536	2,075,300
Slide	18	841	88	0	130	218	210,000
Volcano	20	405	20	1,100	98,830	99,950	122,000
Wave/surge	4	6,382					50,000
Wind storm	103	33,631	5,581	1,688,015	5,668,691	7,362,287	17,173,800



Natural Disasters in Japan(Raw Data, 1901-2000)

DisNo	GLIDE No.	DisType	DisSubset	DisName	Year	Month	Day	Killed	Injured	Homeless	Affected	TotAff	DamageUS\$ ('000s)	Location	PrimarySource
19020008	VO-1902-0008-JPN	Volcano			1902	8		125				0			Govern:Japan
19100019	FL-1910-0019-JPN	Flood	Flood		1910	8	6	1,379							Govern:IDNDR
19120008	ST-1912-0008-JPN	Wind storm	Typhoon		1912	9		1,000					20,000		ReInsurance
19140002	VO-1914-0002-JPN	Volcano			1914	1		35				0	20,000		ReInsurance
19140025	EQ-1914-0025-JPN	Earthquake	Earthquake		1914	3	18	94				0			Govern:IDNDR
19170005	ST-1917-0005-JPN	Wind storm	Typhoon		1917	9		4,000					50,000		ReInsurance
19230006	EQ-1923-0006-JPN	Earthquake	Earthquake		1923	9	1	143,000			100,000	100,000	600,000		US Gov:OFDA
19230007	SL-1923-0007-JPN	Slide	Landslide		1923	9	1	200				0			US Gov:OFDA
19230009	ST-1923-0009-JPN	Wind storm	Typhoon		1923	9		3,000					10,000		ReInsurance
19230010	WV-1923-0010-JPN	Wave/surge	Tsunami		1923	9	1	2,144							Govern:Japan
19260019	VO-1926-0019-JPN	Volcano			1926			144				0			Press
19270003	WV-1927-0003-JPN	Wave/surge	Tsunami		1927	3	7	1,100							Govern:Japan
19270004	EQ-1927-0004-JPN	Earthquake	Earthquake		1927	3	27	2,925				0	40,000		US Gov:OFDA
19300012	EQ-1930-0012-JPN	Earthquake	Earthquake		1930	11	25					0			US Gov:OFDA
19300023	VO-1930-0023-JPN	Volcano			1930	8	20	6				0			Govern:IDNDR
19330001	WV-1933-0001-JPN	Wave/surge	Tsunami		1933	3	3	3,000							US Gov:OFDA
19330006	EQ-1933-0006-JPN	Earthquake	Earthquake		1933	3	3	3,008				0			US Gov:OFDA
19340008	ST-1934-0008-JPN	Wind storm	Typhoon		1934	9	21	3,006					50,000		Govern:IDNDR
19380016	EQ-1938-0016-JPN	Earthquake	Earthquake		1938	11	5	1				0			Govern:IDNDR
19380017	FL-1938-0017-JPN	Flood	Flood		1938	6	28	933							Govern:IDNDR
19430027	EQ-1943-0027-JPN	Earthquake	Earthquake		1943	9		1,083				0			UN:OCHA:lib/ver
19430028	FL-1943-0028-JPN	Flood	Flood		1943	9	20	990							Govern:IDNDR
19440026	EQ-1944-0026-JPN	Earthquake	Earthquake		1944	12		998				0			UN:OCHA:lib/ver
19450001	VO-1945-0001-JPN	Volcano			1945							0	80,000		ReInsurance
19450002	ST-1945-0002-JPN	Wind storm	Typhoon		1945	9	18	3,746			1,117,243	1,117,243	400,000		US Gov:OFDA
19450006	ST-1945-0006-JPN	Wind storm	Typhoon		1945	10		451			450,818	450,818			US Gov:OFDA
19450015	EQ-1945-0015-JPN	Earthquake	Earthquake		1945	1	13	1,961				0			Govern:IDNDR
19460015	EQ-1946-0015-JPN	Earthquake	Earthquake		1946	12	21	1,432				0			US Gov:OFDA
19470002	FL-1947-0002-JPN	Flood	Flood		1947			2,000							US Gov:OFDA
19470009	ST-1947-0009-JPN	Wind storm	Typhoon		1947	9	15	1,930							Govern:IDNDR
19470021	VO-1947-0021-JPN	Volcano			1947	8	14	6				0			Govern:IDNDR
19480005	EQ-1948-0005-JPN	Earthquake	Earthquake		1948	6	28	3,769				0	1,000,000		US Gov:OFDA
19480007	ST-1948-0007-JPN	Wind storm	Typhoon		1948	9		838			345,128	345,128			Govern:IDNDR
19490007	ST-1949-0007-JPN	Wind storm	Typhoon		1949	6		468			161,705	161,705			Govern:IDNDR
19490026	ST-1949-0026-JPN	Wind storm	Typhoon		1949	7		38							Priv:RFF
19490028	ST-1949-0028-JPN	Wind storm	Typhoon		1949	9		160							Govern:IDNDR
19500010	ST-1950-0010-JPN	Wind storm	Typhoon		1950	9		509							US Gov:OFDA
19500025	FL-1950-0025-JPN	Flood	Flood		1950	6		50							Priv:RFF
19500030	FL-1950-0030-JPN	Flood	Flood		1950	8		77							Priv:RFF
19510013	FL-1951-0013-JPN	Flood	Flood		1951	7		306							US Gov:OFDA
19510019	ST-1951-0019-JPN	Wind storm	Typhoon		1951	10		943							US Gov:OFDA
19520007	VO-1952-0007-JPN	Volcano			1952	9	24	31				0			US Gov:OFDA

Natural Disasters in Japan(Raw Data, 1901-2000)

DisNo	GLIDE No.	DisType	DisSubset	DisName	Year	Month	Day	Killed	Injured	Homeless	Affected	TotAff	DamageUS\$ ('000s)	Location	PrimarySource
19640036	EQ-1964-0036-JPN	Earthquake	Earthquake		1964	6	16	28	376		35,000	35,376	280,000		US Gov:OFDA
19640042	SL-1964-0042-JPN	Slide	Landslide		1964	7	18	108				0			Govern:Japan
19640093	FL-1964-0093-JPN	Flood	Flood		1964	7		136							Priv:RFF
19640100	ST-1964-0100-JPN	Wind storm	Typhoon		1964	9		42							Priv:RFF
19650036	ST-1965-0036-JPN	Wind storm	Typhoon		1965	6	10	61			30,000	30,000			US Gov:OFDA
19650044	FL-1965-0044-JPN	Flood	Flood		1965	7	20	28							US Gov:OFDA
19650046	ST-1965-0046-JPN	Wind storm	Typhoon		1965	8	6	26	40			40			US Gov:OFDA
19650055	ST-1965-0055-JPN	Wind storm	Typhoon		1965	9	10	60	730			730			US Gov:OFDA
19650056	FL-1965-0056-JPN	Flood	Flood		1965	9	18	114			3,000,000	3,000,000	90,000		US Gov:OFDA
19660052	ST-1966-0052-JPN	Wind storm	Typhoon		1966	6	28	44	80			80			US Gov:OFDA
19660065	ST-1966-0065-JPN	Wind storm	Typhoon		1966	9	17	314	41		13,764	13,805	7,900		Govern:IDNDR
19670043	FL-1967-0043-JPN	Flood	Flood		1967	7	7	347					20,000		Govern:IDNDR
19670045	ST-1967-0045-JPN	Wind storm	Typhoon		1967	7	9	263	395		2,610	3,005			US Gov:OFDA
19670054	FL-1967-0054-JPN	Flood	Flood		1967	8	26	142	34		117	151			Govern:IDNDR
19670069	ST-1967-0069-JPN	Wind storm	Typhoon		1967	10	28	27	34		45	79			US Gov:OFDA
19680050	EQ-1968-0050-JPN	Earthquake	Earthquake		1968	5	16	53	281		2,500	2,781	131,000		US Gov:OFDA
19680058	ST-1968-0058-JPN	Wind storm	Typhoon		1968	7	28	22							US Gov:OFDA
19680069	ST-1968-0069-JPN	Wind storm	Typhoon		1968	9									US Gov:OFDA
19680125	ST-1968-0125-JPN	Wind storm	Typhoon		1968	8		102							Priv:RFF
19680132	EQ-1968-0132-JPN	Earthquake	Earthquake		1968	4	1	0				0			Govern:IDNDR
19690075	ST-1969-0075-JPN	Wind storm	Storm		1969	7	7	72							US Gov:OFDA
19710047	ST-1971-0047-JPN	Wind storm	Typhoon		1971	8	5	135							US Gov:OFDA
19720043	SL-1972-0043-JPN	Slide	Landslide		1972	7	5	80				0			US Gov:OFDA
19720053	ST-1972-0053-JPN	Wind storm	Typhoon		1972	9	16	50							US Gov:OFDA
19720147	FL-1972-0147-JPN	Flood	Flood		1972	7	3	458							Govern:IDNDR
19730135	ST-1973-0135-JPN	Wind storm	Storm		1973	11		101							Priv:RFF
19730137	EQ-1973-0137-JPN	Earthquake	Earthquake		1973	6	17	0				0			Govern:IDNDR
19740021	SL-1974-0021-JPN	Slide	Landslide		1974	4	16	17				0			US Gov:OFDA
19740026	EQ-1974-0026-JPN	Earthquake	Earthquake		1974	5	9	38	73			73			US Gov:OFDA
19740035	ST-1974-0035-JPN	Wind storm	Typhoon		1974	7	6	33	50			50			US Gov:OFDA
19740037	ST-1974-0037-JPN	Wind storm	Storm		1974	7	11	108					400,000		US Gov:OFDA
19740162	ST-1974-0162-JPN	Wind storm	Typhoon		1974	5	29	143							Govern:IDNDR
19750049	ST-1975-0049-JPN	Wind storm	Typhoon		1975	8	15	68	52		123	175	505,000		US Gov:OFDA
19750140	SL-1975-0140-JPN	Slide	Landslide		1975	8		30							Priv:RFF
19750147	EQ-1975-0147-JPN	Earthquake	Earthquake		1975	4	21	0							Govern:IDNDR
19760045	FL-1976-0045-JPN	Flood	Flood		1976	7							40,000		ReInsurance
19760062	ST-1976-0062-JPN	Wind storm	Typhoon		1976	9	8	169	107		325,000	325,107	800,000		Govern:IDNDR
19770055	DR-1977-0055-JPN	Drought	Drought		1977	4									US Gov:OFDA
19770075	EP-1977-0075-JPN	Epidemic	Diarrhoeal/Enteric		1977	6		1			74	74		Arita	US Gov:OFDA
19770092	ST-1977-0092-JPN	Wind storm	Typhoon		1977	7	31	16			5,000	5,000			US Gov:OFDA
19770102	FL-1977-0102-JPN	Flood	Flood		1977	8	6	5					12,000		US Gov:OFDA
19770103	VO-1977-0103-JPN	Volcano			1977	8	7	3			10,000	10,000	22,000		US Gov:OFDA

Natural Disasters in Japan(Raw Data, 1901-2000)

DisNo	GLIDE No.	DisType	DisSubset	DisName	Year	Month	Day	Killed	Injured	Homeless	Affected	TotAff	DamageUS\$ ('000s)	Location	PrimarySource
19770117	ST-1977-0117-JPN	Wind storm	Typhoon		1977	9	12		45	8,000		8,045			US Gov:OFDA
19780027	EQ-1978-0027-JPN	Earthquake	Earthquake		1978	1	14	25			98	98			US Gov:OFDA
19780031	EP-1978-0031-JPN	Epidemic	Respiratory		1978	2					2,000,000	2,000,000			US Gov:OFDA
19780075	FL-1978-0075-JPN	Flood	Flood		1978	6		8			15,000	15,000			US Gov:OFDA
19780080	EQ-1978-0080-JPN	Earthquake	Earthquake		1978	6	12	28	500		2,000	2,500	800,000		US Gov:OFDA
19780114	ST-1978-0114-JPN	Wind storm	Typhoon		1978	9	15	6	100	3,000		3,100			US Gov:OFDA
19790058	FL-1979-0058-JPN	Flood	Flood		1979	6		23	50		28,000	28,050			US Gov:OFDA
19790095	ST-1979-0095-JPN	Wind storm	Typhoon		1979	10	20	71							US Gov:OFDA
19790274	EQ-1979-0274-JPN	Earthquake	Earthquake		1979	6		27							Priv:RFF
19790289	VO-1979-0289-JPN	Volcano			1979	10	28	0							Govern:IDNDR
19800089	ST-1980-0089-JPN	Wind storm	Typhoon		1980	9	11	7	33	2,000	15,000	17,033			US Gov:OFDA
19800092	EQ-1980-0092-JPN	Earthquake	Earthquake		1980	9	25	2	60			60	1,000		US Gov:OFDA
19800266	EQ-1980-0266-JPN	Earthquake	Earthquake		1980	6	29	0	7			7			UN:OCHA:lib/ver
19800296	FL-1980-0296-JPN	Flood	Flood		1980	8	30	20							UN:OCHA:lib/ver
19810072	ST-1981-0072-JPN	Wind storm	Typhoon		1981	8	6	47		22,500	40,000	62,500			US Gov:OFDA
19810077	ST-1981-0077-JPN	Wind storm	Typhoon		1981	8	23	40	100		27,000	27,100			US Gov:OFDA
19810240	EQ-1981-0240-JPN	Earthquake	Earthquake		1981	1	23	0							UN:OCHA:lib/ver
19810241	EQ-1981-0241-JPN	Earthquake	Earthquake		1981	9	3	0							UN:OCHA:lib/ver
19810273	ST-1981-0273-JPN	Wind storm	Storm		1981	1	8	33							UN:OCHA:lib/ver
19810289	ST-1981-0289-JPN	Wind storm	Storm		1981	2		83							Priv:RFF
19810306	SL-1981-0306-JPN	Slide	Landslide		1981			40							UN:UNEP
19820036	EQ-1982-0036-JPN	Earthquake	Earthquake		1982	3	21	110	100		1,000	1,100	1,000		US Gov:OFDA
19820086	FL-1982-0086-JPN	Flood	Flood		1982	7	23	345	347		27,000	27,347	32,000		Government
19820090	ST-1982-0090-JPN	Wind storm	Typhoon		1982	8	2	80	150		3,000	3,150	137,000		US Gov:OFDA
19820092	ST-1982-0092-JPN	Wind storm	Typhoon		1982	8	25	12		5,000		5,000	18,000		US Gov:OFDA
19820099	ST-1982-0099-JPN	Wind storm	Typhoon		1982	9	2	26	102			102	57,000		US Gov:OFDA
19820317	EQ-1982-0317-JPN	Earthquake	Earthquake		1982	2	20	0							UN:OCHA:lib/ver
19820318	EQ-1982-0318-JPN	Earthquake	Earthquake		1982	6		0							UN:OCHA:lib/ver
19820319	EQ-1982-0319-JPN	Earthquake	Earthquake		1982	7		0							UN:OCHA:lib/ver
19820320	EQ-1982-0320-JPN	Earthquake	Earthquake		1982	9		0							UN:OCHA:lib/ver
19820365	ST-1982-0365-JPN	Wind storm	Storm		1982	7	3	100		140,000		140,000			UN:OCHA:lib/ver
19830081	EQ-1983-0081-JPN	Earthquake	Earthquake		1983	5	26	104	77			77	416,000		US Gov:OFDA
19830098	FL-1983-0098-JPN	Flood	Flood		1983	7	24	117	88		25,000	25,088			Govern:IDNDR
19830123	ST-1983-0123-JPN	Wind storm	Typhoon		1983	9	28	44	78			78			Govern:IDNDR
19830130	VO-1983-0130-JPN	Volcano			1983	10	3	0		1,100	4,500	5,600			US Gov:OFDA
19830433	EQ-1983-0433-JPN	Earthquake	Earthquake		1983	2	22	0							UN:OCHA:lib/ver
19830434	EQ-1983-0434-JPN	Earthquake	Earthquake		1983	3	10	0							UN:OCHA:lib/ver
19830435	EQ-1983-0435-JPN	Earthquake	Earthquake		1983	4		0							UN:OCHA:lib/ver
19830436	EQ-1983-0436-JPN	Earthquake	Earthquake		1983	6	21	0							UN:OCHA:lib/ver
19830437	EQ-1983-0437-JPN	Earthquake	Earthquake		1983	8	8	1	28		2,125,000	2,125,028			UN:OCHA:lib/ver
19830525	SL-1983-0525-JPN	Slide	Landslide		1983			70							UN:UNEP
19840084	EQ-1984-0084-JPN	Earthquake	Earthquake		1984	9	14	29					43,000		US Gov:OFDA

Natural Disasters in Japan(Raw Data, 1901-2000)

DisNo	GLIDE No.	DisType	DisSubset	DisName	Year	Month	Day	Killed	Injured	Homeless	Affected	TotAff	DamageUS\$ ('000s)	Location	PrimarySource
19840332	EQ-1984-0332-JPN	Earthquake	Earthquake		1984	2		0							UN:OCHA:lib/ver
19840333	EQ-1984-0333-JPN	Earthquake	Earthquake		1984	3	6	0							UN:OCHA:lib/ver
19840334	EQ-1984-0334-JPN	Earthquake	Earthquake		1984	3		0							UN:OCHA:lib/ver
19840335	EQ-1984-0335-JPN	Earthquake	Earthquake		1984	8	6	20	7			7			UN:OCHA:lib/ver
19840410	SL-1984-0410-JPN	Slide	Landslide		1984			14							UN:UNEP
19850079	ST-1985-0079-JPN	Wind storm	Typhoon		1985	7	1	19			25,000	25,000			US Gov:OFDA
19850319	EQ-1985-0319-JPN	Earthquake	Earthquake		1985	10		0	20			20			UN:OCHA:lib/ver
19850375	ST-1985-0375-JPN	Wind storm	Typhoon		1985	8	30	30	200			200	99,500		UN:OCHA
19860048	ST-1986-0048-JPN	Wind storm	Winter		1986	4		0	294			294			US Gov:OFDA
19860097	ST-1986-0097-JPN	Wind storm	Typhoon		1986	8	4	17	64			64	200,000		US Gov:OFDA
19860135	VO-1986-0135-JPN	Volcano			1986	11	21	0			13,000	13,000			US Gov:OFDA
19860293	SL-1986-0293-JPN	Slide	Landslide		1986	7	10	20							ReIns:Swiss
19860391	FL-1986-0391-JPN	Flood	Flood		1986			14			135,000	135,000			UN:UNEP
19860395	SL-1986-0395-JPN	Slide	Avalanche		1986	1	26	13							Govern:IDNDR
19860400	ST-1986-0400-JPN	Wind storm	Typhoon		1986	8	5	0							UN:OCHA
19870193	ST-1987-0193-JPN	Wind storm	Typhoon		1987	10	16	8	10		65,000	65,010			US Gov:OFDA
19870229	EQ-1987-0229-JPN	Earthquake	Earthquake		1987	12	17	2	53			53	5,000		US Gov:OFDA
19880695	VO-1988-0695-JPN	Volcano			1988	12	16	0							Govern:IDNDR
19880696	FL-1988-0696-JPN	Flood	Flood		1988	7	9	27							Govern:IDNDR
19890457	ST-1989-0457-JPN	Wind storm	Typhoon		1989	9	10	0							ReIns:Swiss
19890569	FL-1989-0569-JPN	Flood	Flood		1989			10							UN:UNEP
19890583	SL-1989-0583-JPN	Slide	Landslide		1989			18							UN:UNEP
19890587	VO-1989-0587-JPN	Volcano			1989	7	1	0							Govern:IDNDR
19900155	ST-1990-0155-JPN	Wind storm	Tornado		1990	12	12		78		87,700	87,778	13,000	Mobara, Chiba	Press:Int Her Trib
19900407	ST-1990-0407-JPN	Wind storm	Typhoon	Flo	1990	9	17	40				0	269,900	Honshu	ReIns:Swiss
19910228	VO-1991-0228-JPN	Volcano		Unzen	1991	6	3	43	20		10,000	10,020		Kyushu Island	Press:Reuters
19910384	ST-1991-0384-JPN	Wind storm	Typhoon	Gladys	1991	8	20	10						Kyushu Isl.	Press:Reuters
19910526	ST-1991-0526-JPN	Wind storm	Typhoon	Caitlin	1991	7	26	0					81,500		ReIns:Swiss
19910536	ST-1991-0536-JPN	Wind storm	Typhoon	Kinna	1991	9	14	6					272,000		ReIns:Swiss
19910537	ST-1991-0537-JPN	Wind storm	Typhoon	Luke	1991	9	19	18					54,000		ReIns:Swiss
19910539	ST-1991-0539-JPN	Wind storm	Typhoon	Mireille	1991	9	27	66	777	351	90,000	91,128	5,200,000	Kyushu, Hokkaido Isl.	US Gov:NOAA
19910728	FL-1991-0728-JPN	Flood	Flood		1990	6	21	27	81	507	0	588	1,700,000	Kyushu	UN:WMO
19920103	VO-1992-0103-JPN	Volcano		Unzen & Sakurajima	1992	4	17	0			40,000	40,000		Shimabara (Kyushu Isl.)	Press
19920174	ST-1992-0174-JPN	Wind storm	Winter		1992	1	31	0	348			348	7,800,000	Saitama prefectures (Tokyo)	ReIns:Swiss
19920252	EQ-1992-0252-JPN	Earthquake	Earthquake		1992	2	2	0	32			32		Kanto area (Tokyo)	US Gov:OFDA
19920314	ST-1992-0314-JPN	Wind storm	Typhoon	Yancy	1992	9	3	11	86	0	0	86		Kyushu Isl.	Press:Reuters
19930044	EQ-1993-0044-JPN	Earthquake	Earthquake		1993	7	12	232	233		4,000	4,233	16,000	Okushiri Island	ReIns:Swiss
19930079	ST-1993-0079-JPN	Wind storm	Typhoon	Yancy	1993	9	5	48	208	0	30,255	30,463	129,000	Kyushu Isl.	UN:WMO
19930097	EQ-1993-0097-JPN	Earthquake	Earthquake		1993	1	15	2	722		9,800	10,522	358,000	Near Kushiro (Hokkaido)	ReIns:Swiss
19930149	FL-1993-0149-JPN	Flood	Flood		1993	4	29	0			4,800	4,800		Southern	Lloyds Cas Wk
19930175	VO-1993-0175-JPN	Volcano		Unzen	1993	6	23	1			4,930	4,930			Lloyds Cas Wk
19930185	SL-1993-0185-JPN	Slide	Landslide		1993	7	7	27	35			35		Kagoshima City	Lloyds Cas Wk

Natural Disasters in Japan(Raw Data, 1901-2000)

DisNo	GLIDE No.	DisType	DisSubset	DisName	Year	Month	Day	Killed	Injured	Homeless	Affected	TotAff	DamageUS\$ ('000s)	Location	PrimarySource
19930192	SL-1993-0192-JPN	Slide	Landslide		1993	8	6	56	35			35	210,000	Kagoshima	ReIns:Swiss
19940343	EQ-1994-0343-JPN	Earthquake	Earthquake		1994	10	4	10	340			1,500	11,700,000	Shikotan, Iturup, Kunashir (Kuri I.)	US Gov:USGS
19950016	EQ-1995-0016-JPN	Earthquake	Earthquake		1995	1	17	5,502	36,896	300,000	1,500,000	1,836,896	131,500,000	Kobe	UN:OCHA
19950146	FL-1995-0146-JPN	Flood	Flood		1995	7		0			12,000	12,000	74,300	Niigata, Toyama and neighbouring Nagano Prefecture (central and western Japan)	Lloyds Cas Wk
19950449	EQ-1995-0449-JPN	Earthquake	Earthquake		1995	4	1		39	0	1,512	1,551		Niigata (Eastern Honshu)	US Gov:USGS
19960299	SL-1996-0299-JPN	Slide	Landslide		1996	12	6	14	3			3		Central Region	Lloyds Cas Wk
19960347	ST-1996-0347-JPN	Wind storm	Typhoon	Kirk	1996	8	14	6	74	264	5,400	5,738		Kyushu Isl.	ReIns:Swiss
19970145	SL-1997-0145-JPN	Slide	Landslide		1997	7	10	21	15	0	0	15		Harihara (Kyushu)	ReIns:Swiss
19970214	ST-1997-0214-JPN	Wind storm	Typhoon	Oliwa	1997	9	16	4			67,000	67,000		Kyushu Isl.	Lloyds Cas Wk
19970500	EP-1997-0500-JPN	Epidemic	Diarrhoeal/Enteric	Campylobacter	1997	10	8	0			460	460		Tokyo, Yokohama, Nagoya (cities)	UN:WHO
19980004	ST-1998-0004-JPN	Wind storm	Winter		1998	1	9	1	500			500		Tokyo	Lloyds Cas Wk
19980248	FL-1998-0248-JPN	Flood	Flood		1998	8	26	16	33		24,000	9,733		Fukushima, Ibaraki, Tochigi, Saitama, Shizuoka prefectures	IFRC
19980254	SL-1998-0254-JPN	Slide	Landslide		1998	8	12	0			130	130		Gifu Prefecture	Lloyds Cas Wk
19980278	ST-1998-0278-JPN	Wind storm	Typhoon	Rex	1998	8	27	14	40		40,000	40,040		Fukushima Prefecture	US Gov:NOAA
19980297	ST-1998-0297-JPN	Wind storm	Typhoon	Vicky	1998	9	22	12	258			258		Honshu, Hokkaido	ReIns:Swiss
19980311	ST-1998-0311-JPN	Wind storm	Typhoon	Zeb	1998	10	18	12	43			43		Hiroshima Prefecture	US Gov:NOAA
19980328	ST-1998-0328-JPN	Wind storm	Typhoon	Stella	1998	9	18	2	23	0	9,000	9,023		N.A. on the source	US Gov:NOAA
19990243	FL-1999-0243-JPN	Flood	Flood		1999	6	27	45	28	111	24,000	24,139	107,000	Hiroshima State	US Gov:NOAA
19990326	ST-1999-0326-JPN	Wind storm	Typhoon	Bart	1999	9	22	25	300	6,900	20,000	27,200		Southern Japan	US Gov:NOAA
19990356	FL-1999-0356-JPN	Flood	Flood		1999	8	14	15						Tokyo	Lloyds Cas Wk
20000176	VO-2000-0176-JPN	Volcano			2000	3	31	0	0	0	12,400	12,400		Near Sapporo (Hokkaido)	Lloyds Cas Wk
20000274	ST-2000-0274-JPN	Wind storm	Storm		2000	5	24		100	0	12,000	12,100		Chiba, Ibaraki prefectures	US Gov:NOAA
20000428	EQ-2000-0428-JPN	Earthquake	Earthquake		2000	7	1	1	0	0	100	100		Kozushima, Nijima islands	Lloyds Cas Wk
20000447	ST-2000-0447-JPN	Wind storm	Typhoon		2000	7	7	2	0	0	900	900		Tokyo	Lloyds Cas Wk
20000515	VO-2000-0515-JPN	Volcano			2000	8	10		0	0	4,000	4,000		Miyakejima Isl.	Lloyds Cas Wk
20000576	ST-2000-0576-JPN	Wind storm	Typhoon		2000	9	12	9	41	0	180,000	180,041		Aichi, Mie, Gifu regions	Lloyds Cas Wk
20000606	FL-2000-0606-JPN	Flood	Flood		2000	9		9	32	0	360,000	360,032		Nagoya	US Gov:NOAA
20000656	EQ-2000-0656-JPN	Earthquake	Earthquake		2000	10	6	0	130	312	6,690	7,132		Tottori region	US Gov:USGS