

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
AFGHANISTAN	DROUGHT	PROVINCE OF PAKTIA	69	0	48 000		\$200	3
		CENTRAL,NW,NE	72	0	120.000		\$30,000	7
		WEST NORTHWEST	73	0	600.000		\$0	4
	EARTHQUAKE	NORTH	6/10/54	2,000				4
		HINDU-KUSH	3/19/76	49				1
	FLOOD	WEST	1/00/72	150	250.000		\$0	6
		HERET, FARAH, KANDSHAR	4/00/76	51	76.500	6.000	\$0	4
	LANDSLIDE	KHINJAN PASS	7/28/71	100	0		\$0	2

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
AFRICA REGIONAL	AIR DISASTER	MEDIT OFF SAHARA	12/21/23	50			1
	CIVIL STRIFE	DJIBOUTI-3CAMP5	9/21/77	0	5,300		\$0 1
	CYCLONE	SE COAST AFRICA	2/00/77	60	430,000	430,000	\$34,000 9
	DROUGHT	RWANDA, URUNDI	43	35,000			7
	EPIDEMIC	ZAIRE-SUDAN FRONT.	6/00/76	405	518		\$0 4
	FLASH FLOOD	MOZMBO, RHOD, S AFRIC	1/03/66	37	150,000	150,000	\$0 4
	FLOOD	DJIBOUTI CITY	10/24/77	0	50,000		\$0 2
	YELLOW FEVER	4NATIONS, CENTRAL	10/00/69	2,145	80,200		\$0 8

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
ALBANIA	EARTHQUAKE	MACEDONIA DIST	11/30/67	7	16 407		\$20,000 7
		ALBANIA BORDER, MAC.	11/30/67	11	11		\$0 2

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
ALGERIA	ACCIDENT	BONE	7/27/64	0	200		\$0	1
	EARTHQUAKE	CONSTANTINE	46	276				3
		ORLEANSVILLE	9/09/54	1,600				4
		M'SILA & ENVIRONS	1/01/65	2	37 002	37.000	\$2.000	5
	FLOOD	WEST, AL-ASNAM	10/06/66	57	15.957		\$10.000	6
		AURES SAMURA CONSTAN	11/00/67	20	30 020		\$3.000	5
		TUNISIA	9/28/69	76	200.000		\$10.000	8
		NORTHEAST, TLEMCEM	3/00/73	21	85.000	61.000	\$10.000	7
		G.KABYLIA&TLEMCEM	3/31/74	11	20.000		\$30.000	7

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
ANGOLA	CIVIL STRIFE	NATIONWIDE ESP COAST	76	10.000	35 000		\$0 8

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
ANTIGUA	HURRICANE	ANTIGUA	9/26/66				0

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
AREA DEV - DAKAR	DROUGHT	FOUR NATIONS	72	0	1,200.000		\$0 5
		CENTRAL WEST AFRICA	73	0	0		\$0 0
		GAMBIA, GUINEA, CAMER.	73	0	0		\$0 0
		CENTRAL WEST AFRICA	74	0	0		\$0 0
		GAMBIA, GUINEA, CAMER.	74	0	0		\$0 0
		CENTRAL WEST AFRICA	75	100.000	8,400.000		\$471,000 20
		GAMBIA, GUINEA, CAMER.	75	0	0		\$0 0

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
ARGENTINA	AVALANCHE	MENDOZA, LAS CUEVAS	8/16/65	45	0		\$0	1
	EARTHQUAKE	SAN JUAN	1/15/44	5,000				5
	FLOOD	NW, PARANA&PARAGUAY R	2/28/66	62	120 062	120 000	\$30,000	8
		BUENOS AIRES	10/10/67	56	142 056		\$3,000	6
		MENDOZA	1/04/70	36	0		\$25,000	5
	HEAT WAVE	BUENOS AIRES	1/04/72	100	0		\$0	2
	STORM	SANTIAGO DEL ESTERO	2/00/74	100	100,000		\$0	5
		NEQUEN PROVINCE	3/13/75	20	0		\$0	1
	TORNADO	SAN JUSTO	1/01/73	60	300		\$0	2

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
AUSTRALIA	CYCLONE	DARWIN	12/25/74	65	45.000		\$800,000	9
	EARTHQUAKE	PERTH&MECKERING	10/14/68	0	600.000	400	\$2,600	6
	FIRE	TASMANIA.HOBART	2/07/67	61	3.061	3.000	\$20,000	6
		NEW SOUTH WALES	11/00/68	12	1.012	800	\$1,000	4
	FLOOD	SWALES.QUEENSLD,VICT	2/09/71	27	0		\$20,000	5
	FOREST FIRE	TASMANIA	2/00/67	60			\$11,000	4
		SW VICTORIA	2/12/77	5	0		\$0	1
	LANDSLIDE	TELEFUMIN,N GUINEA	3/21/71	100	0		\$0	2
	SWEEPING FLOOD	QUNSLD,NEW S WALES	12/17/73	12	10.000	1.000	\$71,000	6

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
AUSTRIA	AVALANCHE	DALAAS ALPS	1/11/54 4/00/75	10 15				1
					0		\$0	1
	LAVA FLOW	BLONS LANGEN VALLEY	1/12/54	200	380			3

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BAHAMAS	HURRICANE	ELEUTHERA, ABACO & ANDR NASSAU, BIMINI	9/09/65 10/02/66	0	1,200		\$700	2 0
	SHIP DISASTER	STIRRUP GAY, BERRY IS	11/13/65	90	545		\$0	3

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BANGLADESH	CIVIL STRIFE	NATIONWIDE	3/25/71	200,000	27,000,000		\$1,400,000	22
		PUNJAB SIND, AZAD	3/25/71	0	0	12,000,000	\$100,000	5
		NATIONWIDE	73	0	30,000		\$0	2
	CYCLONE	W SUNDARBAHS	11/00/01	0	0		\$0	0
		CHITTAGONG	11/00/04	0	0		\$0	0
		CHITTAGONG	3/00/05	0	0		\$0	0
		W SUNDARBAHS	12/00/09	0	0		\$0	0
		TEKNAF	4/00/11	0	0		\$0	0
		ORISSA, W BENGAL	5/00/17	0	0		\$0	0
		BAKERGANS	9/00/19	0	0		\$0	0
		TEKNAF	4/00/22	0	0		\$0	0
		TEKNAF	5/00/23	0	0		\$0	0
		COXS BAZAR	5/00/26	0	0		\$0	0
		NOAKHACI	37	0	0		\$0	0
		BAKERGANS	40	0	0		\$0	0
		E MEGHNA ESTUARY	5/00/41	0	0		\$0	0
		W SUNDARBANS	10/00/42	0	0		\$0	0
		COXS BAZAR	10/00/47	0	0		\$0	0
		BAKERGANS	57	0	0		\$0	0
			10/30/58	500				3
		E MEGHNA ESTUARY	5/00/58	0	0		\$0	0
			10/30/58	500	0		\$0	3
		BAY OF BENGAL AREA	10/10/59	14,000				6
		BAY OF BENGAL AREA	10/31/59	0				0
			5/00/61	2,000				4
			5/09/61	2,000				4
			61					0
			10/30/60	0	0		\$0	0
		BAY OF BENGAL	5/28/63	22,000	1,000,000			12
		BARISAL DISTRICT	5/11/65	36,000	10,000,000	5,000,000		13
		CHITTAGONG TO TEKNAF	12/15/65	874	60,874		\$0	7
		CHITTAGONG, SANDWIP	10/01/66	850	3,500,000	300,000	\$5,000	12
		DACCA	5/02/67	50	200		\$0	2
		MADARIPUR	4/11/68	118	15,211		\$1,500	6
		FARIPUR	4/12/68	18	15,211		\$0	3
		DACCA&COMILLA	4/14/68	849	160,000	23,943	\$8,329	10
		KHULNA CHITTAGONG	11/12/70	300,000	3,648,000		\$86,400	18
		SOUTH COAST	12/09/73	1,000	0		\$0	4
	DROUGHT		7/00/47	0	0		\$0	0
		NORTHWEST	10/00/74	0	0		\$0	0
	FAMINE	NATIONWIDE	43	1,900,000	0		\$0	10
	FLOOD		60	10,000				6
		RANGPUR&COMILLA	7/20/64	0	1,000,000	1,000,000	\$5,000	8
		SYLHET	8/00/66	39	9,500,000	500,000	\$1,000	9
		NATIONWIDE	7/00/69	221	14,910,892	878,724	\$199,400	13
		NATIONWIDE	7/00/69		1,000,000			5
		NORTHERN DISTRICTS	10/00/68	49	2,250,000			6

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BANGLADESH	FLOOD	THROUGHOUT	7/00/70	0	10,000.000		\$25,000	10
		SYLHET	6/25/72	50	0		\$0	1
		NATIONWIDE,R DELTAS	7/00/74	28,700	36,000.000	2,000.000	\$579,200	20
			8/00/74	0	0		\$3,500	2
		EAST	6/15/76	168	4,000 000		\$0	8
	INFLUENZA	NATIONWIDE	18	393.000	0		\$0	9
	STORM	BAY OF BENGAL DIST.	10/23/70	100	0		\$0	2
		FARIDPUR	4/12/73	200	25 000	10.000	\$0	4
	TIDAL BORE	OFF COX'S BAZAR	11/29/74	20	2 000		\$0	2
	TORNADO	DACCA,COMILLA	4/14/69	500				3
			4/13/70	17	110		\$0	2
		MYMENSINGH	4/02/72	200	25 000	25.000	\$0	4
		FARIDPUR DISTRICT	4/10/76	19				1
		MADARIPUR,MYMENSINGH	4/01/77	600	10,000.000	300.000		9

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
BARBADOS	FLOOD	ENTIRE ISLAND	10/02/70	3	203		\$500 3

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BELGIUM	FIRE	BRUSSELS	5/22/67	322			\$20.000	7
	STORM	MEUSE VALLEY	12/02/30	60				1

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR (000)	DMG	DKM
BELIZE	HURRICANE	BELIZE & OTHER TWNS	10/31/61	275					3
		COAST AND SOUTH	9/02/74	0	70,000		\$4,000		6
		RURAL BELIZE	9/02/74	0	0		\$0		0
		COWPEN & NEARBY	9/19/74	0	0		\$0		0

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BERMUDA	HURRICANE	BELIZE CITY	9/10/31	1.000				4

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BOLIVIA	AIR DISASTER	SANTA CRUZ INTL	10/13/76	106	208		\$2,200	5
	CIVIL STRIFE	LA PAZ	11/04/64	40	160		\$0	2
	DROUGHT	ALTO PLANO, POTESI	77	0	0		\$0	0
	EPIDEMIC	COCHABAMBA & SUCRE	11/00/69	2	53		\$0	2
	FLASH FLOOD	CANGALLI, TIPUANI R	12/22/65	40	540		\$100	3
	FLOOD	BENI, MAMORE & IBARE R	3/00/66	0	5 500	5 500	\$500	2
		PUERTO GREYER	6/29/66	14	2 000	600	\$100	3
		BERMEJO	3/12/67		10 000	100	\$10	2
		RIO GRANDE VALLEYS	2/21/68	24	20 024		\$3,000	5
		BENI, LA PAZ, ORURO	2/07/74	31	18,000	18 000	\$10,500	6
		SANTA CRUZ PROV	1/03/77	10	70,000	15,000		4
	HEMORRHAGIC FEVER	MAGDALENA	2/00/69	16	24		\$0	2
	REVOLUTION	LA PAZ TO SANTA CRUZ	8/19/71	200	900		\$0	3
	STORM	VICHOCA & TOTORA	12/09/66		3,955		\$8	2

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BOTSWANA	DROUGHT	NATIONWIDE, SW	65	0	60 000		\$0	2
		COUNTRYWIDE	6/00/68	0	60.000		\$1.000	4
		COUNTRYWIDE	69	0	87.600		\$2.000	5
	FLOOD	ALONG TATI&NTSE R	1/19/72	0	1.000		\$50	2

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BRAZIL	DROUGHT	NORTHEAST	9/00/70	0	10,000,000		\$100	7
	FIRE	NITEROI	12/17/61	323	1 100			4
	FLASH FLOOD	CARAGUATAUBA, SAO P.	3/17/67	400		2,500		3
		NE BRAZIL	3/14/69	316	17 700	17 384	\$5,770	8
		RIO DE JANEIRO	2/26/71	130	0		\$0	2
	FLOOD	PARAIBA&R GRAN. DO N	7/05/64	0	5,000	5,000	\$500	2
		PERNAMBUCO, RECIFE	6/13/65	16	30,016	30,000	\$7,000	6
		S. 2 STATES	8/16/65	6	200,000	40,000	\$10,000	7
		RIO&GUANABARA	1/11/66	373	52 254	51,881	\$51,000	9
		NE, SALVADOR, RECIFE	6/90/66	28	125 647	29,000	\$9,914	7
		PERNAMBUCO, RECIFE	5/28/66	119				2
		RIO, SAN PAULO, GUANAB	1/00/67	785	21,621	20 836	\$7,800	9
		SAO PAULO, RIO	1/23/67	200		11,014	\$1,150	4
		GUANABARA&RIO	2/20/67	185		7,322	\$5,930	5
		NE, 5 STATES	3/30/67	0	87,000		\$5,000	6
		PORTO ALEGRE	9/00/67	0	15,000		\$1,000	3
		S&SW BAHIA	12/28/67	35	50 035		\$1,500	5
		RECIFE S. PERNAMBUCO	8/00/70	172	104,543		\$500	6
		SALVADOR	4/26/71	109	11,109		\$5,200	6
		E&C, ALONG CARATINGA	3/26/73	20	0		\$16,000	4
		MOST OF COUNTRY	3/00/74	205	3,556,118	325 000	\$121,000	12
		NE AREAS	7/18/75	96	748,000	50,000	\$254,900	11
	LANDSLIDE	RIO DE JANEIRO	1/11/66	350	4,000,000		\$27	10
		RIO DE JANEIRO	3/19/67	436	0		\$0	3
		NE (CEARA)	5/00/74	91				2
		SAO TOME	10/23/74	30	0		\$0	1

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BRITISH OCEANIA	EARTHQUAKE	HONIARA, LUNGA, TENARU	4/20/77	12	1.500		\$0	2
		NUKU'ALOFA	6/22/77	0	0		\$0	0
	HURRICANE	TARAWA*FUNAFUTI	10/12/72	5	750	700		2
		HA'API IS GROUP	4/12/73	3	700		\$500	3
	STORM	THROUGHOUT ISLANDS	2/07/65	2	100 020		\$0	4

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BULGARIA	AVALANCHE	RILA MOUNTIANS	12/17/65	11	0		\$0	1

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BURMA	CIVIL STRIFE	NE SHAN STATE	10/00/72	0	30.000		\$0	2
	CYCLONE	ARAKON COAST, W IRRAW	5/16/67	100	130 100	130 000	\$5,000	8
		NOTHERN ARAKAN COAST	5/10/68	1.070	61.070		\$2,500	9
	FIRE	TENASSERIM COAST, ETC	10/00/64	0	3.300	3.300	\$50	2
		WELUWUN QTR, RANGOON	3/03/65	0	8.300			1
		W OKKYIN QTR, RANGOON	3/06/65					0
		PALAING QTR, MANDALAY	5/01/65				\$1,065	2
		SAGAING	3/30/69	11	7 626	7 615	\$2,689	4
		MERGUI	12/16/72	5	20 000		\$2,800	5
	FLASH FLOOD	PYINMANA	9/08/70	90	0		\$0	2
	FLOOD	S-C, ALONG SITTANG R	10/23/65	0	500.000	0	\$1,000	6
		N, YAMENTHIN DISTRICT	11/10/65	34	0		\$0	1
		CENTRAL BURMA	8/15/74	12	1,400.000		\$0	6
	STORM	AKYAB MONYWA DIST	10/23/67	178	27.497		\$3,200	6

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
BURUNDI	CIVIL STRIFE	ENTIRE COUNTRY	4/29/72	100.000	500 000		\$1.000	14
		ENTIRE COUNTRY	4/29/72	80.000	0	500 000	\$100.000	13
	DROUGHT		43					0
		RUZIZI VALLEY	6/00/65	0	15 000		\$0	1

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
CAMBODIA	CIVIL STRIFE		75	0	0		\$0	0
	FIRE	DOEMKOR DISTRICT	2/11/74	130	10.000		\$600	4

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
CAMEROON	DROUGHT	COUNTRYWIDE	71	0	400,000		\$1,500	6

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CANADA	FIRE	HALIFAX, NOVA SCOTIA	12/06/17	1,600			4
	LANDSLIDE	FRANK, ALBERTA	4/29/03	70			1
	MUDSLIDE	JEAN VIANNEY, QUEBEC	5/04/71	31	0		\$0 1
	STORM	VANCOUVER ISLAND	3/00/75	14	0		\$0 1
	WIND STORM	ONTARIO	8/20/70	10	0		\$0 1

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
CENTRAL AFRICAN REP	FLOOD	BANGUI	9/12/73	0	13.000		\$0 1

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR (000)	DMG	DKM
CHAD	DROUGHT	NATIONWIDE	3/00/66	0				\$0	0
		ENTIRE COUNTRY	4/25/73	0	900	000	\$83,000	8	
			74	0	0	\$0	0		
		ENTIRE COUNTRY	75	0	0		0		
		NATIONWIDE	76	0	0	\$0	0		
	FOOD SHORTAGE	CENTRAL,E&S SECTIONS	8/00/69	0	187.500		\$100	4	

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
CHILE	CIVIL STRIFE	NATIONWIDE	9/11/73	0	3,300,000		\$0	5
	DROUGHT	NATIONWIDE, C VALLEY	68	0	120,000		\$55,000	7
		CENTRAL CHILE	72	0	31,800		\$55,000	6
	EARTHQUAKE	VALPARAISO	8/16/06	1,500			\$100,000	9
		CHILE	22	1,000				4
		CONCEPCION	1/24/39	30,000 ✓			\$920,000	13
			9/00/42	5			\$28,000	5
			4/00/43	12			\$100,000	6
			8/00/46					0
			4/00/49	35			\$39,000	5
			12/00/49	6			\$5,200	4
			5/00/53	12			\$500,000	7
			12/00/53	3			\$7,310	4
			9/00/58				\$10,100	3
		ARAUCO PENINSULA	5/21/60	6,000 ✓	2,000,000	2,000,000	\$550,000	16
		CHILE	60	570				3
			3/00/63	280			\$235,000	8
		C VALLEY 4 PROVINCES	3/28/65	400	20,400	20,000	\$125,000	10
		TALTAL&CATALINA	12/28/66	4	3,004	3,000	\$400	3
		C, VALPARAISO	7/08/71	85	2,348,522		\$236,400	12
	FLOOD	ANTOFAGASTA TO AISEN	7/00/65	600	350,000	25,000	\$10,000	10
		THREE MAJ CITIES	6/20/71	0	90,000		\$2,500	5
		CENTRAL & SOUTH	7/00/74	32	40,000		\$10,000	6
	STORM	N COAST	7/23/68					0
		SANTIAGO AREA	7/20/77	15	16,800	16,800	\$6,800	6
		S REGIONS:VIII,IX,X	7/28/77	0	0		\$0	0
	VOLCANIC ERUPTION	VILLARICA	3/00/64	30,000 ✓				7

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
CHINA, PEOPLE'S REP.	BUBONIC PLAGUE	INDIA, CHINA	9	1,500,000				10
		MANCHURIA	10	60,000				8
	DROUGHT	NORTH SHENSI, HONAN, KANSU	20 28	500,000 3,000,000	20,000,000			17 10
	EARTHQUAKE	KANSU	12/16/20	180,000				9
		KANSU	12/16/20	180,000				9
		KANSU	12/26/32	70,000				8
		HOPEH PROVINCE	3/09/66	0	0		\$0	0
		TIENTSIN	7/25/69	3,000	0		\$0	5
		ANSHAN LIAONING PROV	2/04/75	0	0		\$0	0
		TANGSHAN, PEK, TIENTSN	7/27/76	655,237	1,434,237		\$0	15
		HOPEH PROVINCE	7/28/76					0
		CHENG TU	8/16/76	0				0
	FIRE	ANTONC, MANCHURIA	2/13/37	658				3
		CHUNG KING	9/02/49	1,700				4
	FLOOD	YANGTZE RIVER	11	100,000				8
		HONAN PROV, TIETSIN	7/00/39	1,000,000				10
		FOOCHOW COAST	6/00/48	1,000				4
		ANHWEI PROVINCE	8/14/50	500	10,000,000			9
		MANCHURIA	8/28/51	4,800				5
			56	2,000				4
		SHANTUNG PROV	4/23/69					0
	MINE DISASTER	HONKEIKO, MANCHURIA	4/26/42	1,549				4
	TYPHOON	HOPEN-HONAN PROV	8/01/56	0				0
		FUKIEN PROVINCE	8/20/59	720				4
			6/10/65	31				1

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
CHINA, REP OF	EARTHQUAKE	FORMOSA		6	6 000		5
	TYPHOON	ENTIRE ISLAND	8/19/65	24			\$0 1
		FORMOSA	10/17/67	69	100		\$0 2
		COUNTRYWIDE	9/25/69	194	40.602		\$88.000 8
		KAOHSIUNG HARBOR	7/25/77	30	5 000	5 000	\$0 2
		N.TAIPEI	7/31/77	31	6.000	6 000	\$0 2

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
COLOMBIA	EARTHQUAKE	HUILA DEPT. NEIVA	2/09/67	61	40.061	40.000	\$600	4
		BAHIA SOLANO PEREIRA	9/25/70	0	3.000		\$400	2
	EXPLOSION	CALI	8/07/56	2 700			\$40,000	9
	FIRE	BOGOTA	12/15/58	84				2
		CHOCO DEPT. QUIDBO	10/26/66	1	20 000	3 000	\$8,000	6
	FLOOD	LETICIA IN AMAZON	4/00/70	0	4.000		\$50	2
		MAGDELENA R AREA	1/00/70	0	70 000		\$500	4
		MAGDALENA CAUCA VALS	10/00/70	307 ✓	5,000 000		\$138,000	14
		CAUCA R VALLEY	9/00/70	0	5,000 000			6
		CALI TO ANTIGUA	3/00/71	0	50 000		\$47,000	6
		CALDAS	12/12/70	100 ✓	0		\$0	2
		MAGDALENA R BASIN	10/10/73	9	5.000	5.000	\$0	2
	LANDSLIDE	MANIZALES	11/27/65	32	0		\$0	1
		SAN JOSECITO	1/26/72	70	0		\$0	1
		SAN ANTONIO DE PRADO	6/26/73	16	0		\$0	1
		QUEBRADA BLANCA	6/28/74	300 ✓	300		\$0	4
		MEDELLIN	9/29/74	90	0		\$0	2
		NEAR FRESNO	5/02/76	13				1
	STORM	HUILA DEPT	1/29/68	0	1.020		\$50	2

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR (000)	DMG	DKM
CONGO, REPUBLIC	CIVIL STRIFE	BRAZZAVILLE	8/00/64	0	3,000	3,000	\$0	1	
		PROV KIVU, BUKAVU	7/00/67	0	160,000		\$25,000	7	
	LANDSLIDE	MANDWE	8/00/67	154	754		\$0	3	

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
COSTA RICA	DROUGHT	LAGUNA ARENAL	73					0
	EARTHQUAKE	S. OF LAGUNA ARENAL	4/14/73	21	3.563	84	\$200	3
	FLOOD	W COAST, MESETA, LIMON	11/00/69	7	4.578		\$4,000	5
		PACIFIC COAST AREA	10/01/69					0
		MESETA CENTRAL	11/02/69					0
		LIMON VICINITY	1/10/70					0
		LIMAO & CARTAGO PROV	4/09/70	23	10 023		\$6,000	5
		ESTRELLA VALLEY	12/00/70	1	5 201		\$24,000	6
	FOREST FIRE		76	0	0		\$0	0
	HURRICANE	GILBERT, ELLICE, FIJI	10/21/72	0	121.500		\$22,500	7
	VOLCANIC ERUPTION	MT ARENAL, N	9/29/68	95	12.478	3.280	\$1,000	5
		MT ARENAL	75	0	0		\$0	0
		MT. ARENAL	10/21/76	0	0		\$0	0

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
CUBA	EARTHQUAKE	CAMARON AREA, SE	2/19/76	1				1
	HURRICANE	HAVANA & SUBURBS	10/20/26	600				3
		STA CRUZ DEL SUR	11/09/32	2,500				5
		ENTIRE ISLAND	10/04/63	1,750				4
		SE, GUANTANAMO; NE	9/30/66	5	156,000	18,000		4
			10/13/68					0

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
CYPRUS	CIVIL STRIFE	HAMID MANDRES AREAS	8/00/64	0	25.027	25.027	\$0	2
		KOKKINA	8/00/66	0	623	623	\$0	1
		COUNTRYWIDE	7/00/74	0	282.000		\$0	4
	WIND STORM	LIMASSOL	12/00/69	3	3.000		\$100	3

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DISASTER HISTORY

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COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
CZECHOSLOVAKIA	AVALANCHE	TATRA MOUNTAINS	1/21/74	14	0		\$0	1

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
DAHOMY	CIVIL STRIFE	DAHOMY-NIGER BORDER	1/00/66	0	2.000		\$0	1
	DROUGHT	ENTIRE COUNTRY	72	0	115.000		\$0	3
	EPIDEMIC		76	0	0		\$0	0
	FLOOD	ATACORA REGION	9/00/70	0	0		\$200	1

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMEER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
DENMARK	STORM	ELBE ESTUARY	2/23/67	0	0		\$0	0

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	OKM
DOMINICAN REPUBLIC	CIVIL STRIFE	SANTO DOMINGO	4/24/65	1,500	700,000		\$5,000	11
	DROUGHT	NATIONWIDE	5/00/68	0	240,000		\$5,000	6
	FIRE	C MTS, PICO DUARTE	4/19/65	0	0		\$1,000	2
	HURRICANE	ST DOMINGO (TRUJILLO)	9/03/30	2,000			\$40,000	8
			10/02/63	400			\$60,000	7
		BARAHONA, NEIVA BAY	8/24/64	7	0		\$1,000	3
		SE COAST, BARHONA	9/29/66	74	12,500	5,500	\$5,000	5

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
EAST ASIA REGIONAL	TYPHOON	SOUTH CHINA SEA	12/18/44	800			4

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
EAST ASIA, OTHER	FLOOD	NATIONWIDE	7/00/54	2,000				4
	TYPHOON	SOUTH CENTRAL REG	5/30/66	36	5.036	5,000	\$17,322	5

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
EASTERN EUROPE	FLOOD		4/00/65	0	50,000		\$4,000	5

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
ECUADOR	EARTHQUAKE	WESTERN ECUADOR	42	200				2
		PELILED	8/05/49	6,000	100,000		\$20,000	12
		LOJA PROVINCE	12/09/70	29	60,000		\$4,000	6
		LOJA PROVINCE	12/09/70	29	60,000		\$4,000	6
		ESMERALDAS	4/09/76	10			\$4,000	4
		COTOPAXI S OF QUITO	10/06/76	9	20,000		\$0	3
	EPIDEMIC	GUAYAQUIL & AREAS	67	36	528		\$0	2
		W PORTIONS OF QUITO	1/00/77	300	1,500			4
	EQUINE ENCEPHALITIS	PLAYAS AREA	5/13/69	400	40,000		\$0	5
	FIRE	GUAYAS PROV, COLIMES	10/14/66	0	800	492	\$134	2
	FLOOD	MILAGRO	2/08/67	0	20,000	400	\$100	3
		GUAYAS, EMERAL, MANABI	4/08/70	20	140,520		\$500	5
		IMBABURA	11/00/70	0	100		\$20	2
		GUAYAS PROVINCE	3/00/71	0	10,000		\$0	1
		NE, PUTUMAYO R	7/00/71	0	2,400		\$50	2
	LANDSLIDE	QUITO-STO DOMINGO RD	5/00/66	50	500		\$0	2
		QUITO	3/09/71	20	6		\$0	2
		ESMERALDAS	2/11/76	60				1
	VOLCANIC ERUPTION	EL SANGAY	7/08/75	0	0		\$0	0
		COTOPAXI	12/00/76	0	0		\$0	0

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
EGYPT	CHOLERA	NATIONWIDE	9/00/47	10.276				6
	FLOOD	NILE R VALLEY	2/20/75	15	0		\$0	1

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
EL SALVADOR	BORDER CONFLICT	BORDER REGION	7/14/69	0	22 000		\$2,500	4
	EARTHQUAKE	JACUAPA	5/06/51	1,000				4
		SAN SALVADOR&ENVIRON	5/03/65	110	90,582	48,000	\$35,000	9
	EQUINE ENCEPHALITIS	SW TO NW	6/00/69	12	19		\$0	2
	HURRICANE	RIO LEMPA & SW COAST	9/04/69	2	4,600		\$1,600	4

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR (000)	DMG	DKM
ETHIOPIA	CIVIL STRIFE	OGADEN REGION	6/00/77	0	133 291		\$0	3	
	DROUGHT	NATIONWIDE	10/00/65	2.000	1,502,000		\$0	9	
		HAMASION DIV	69	0	1,700,000		\$1,000	7	
		TIGRE, WOLLO, N SHOA	74	100,000	45		\$0	9	
		KANGRA	4/05/05	0	0		\$76,000	4	
		W WOLLO PROVINCE	6/00/77	0	300,000		\$0	4	
	EARTHQUAKE	NE, SARDO	3/29/69	24			\$320	2	
	FLOOD	VICINITY OF KELAFO	5/07/68	1	16,001		\$900	5	
		GODE, KELAFO, MUSTAHIL	4/00/76	0	30,000		\$0	2	

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
EUROPEAN, REGIONAL	AVALANCHE	ALPS, TYROL	12/13/16	10,000				6
			51					0
		ALPS	4/00/75	40	0		\$0	1
	EARTHQUAKE	PORTUGAL, SPAIN, MOROC	2/28/69	13	0		\$0	1
		ROM., YUGO., BULGARIA	3/04/77	21	0		\$0	1
	EPIDEMIC	SERBIA, POLAND, USSR	7/00/14	3,000,000				10
	FLOOD	NORTH SEA COASTAL	1/31/53	1,794				4
	STORM	DNMRK, GERMNY, SWEDEN	2/23/67	40	0		\$0	1
		SPAIN, PORTUGAL	1/17/73	30	0		\$0	1

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
FIJI	CYCLONE	KADAVU&S LAU GROUP	12/09/73	74	5.000		\$0	2
	HURRICANE	MUCH OF NATION	10/21/72	3	85.000		\$22,500	8
		SAVUSAVU&BUA	4/03/73	3	0		\$0	1
		LAU GROUP	1/30/75	0	23.000		\$1,000	4

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
FR DEPT CARIBBEAN	HURRICANE	ENTIRE NATION	8/22/64	14	10.114	10.000		2
		ENTIRE NATION	8/22/64	14	10.114	10.000		2
	STORM	GUADELOUPE 3-4THS	9/27/66	25	10.000	10.000	\$70,000	6
	TROPICAL STORM	MARTINIQUE	8/20/70	45	5.045		\$31,000	6
	VOLCANIC ERUPTION	ST PIERRE, MT PELEE	5/08/02	40.000	40.000			9
		BASSE TERRE & NEARBY	7/08/76	0	70.000		\$0	3

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR (000)	DMG	DKM
FRANCE	AVALANCHE	VAL D'ISERE	2/10/70	42	0			\$0	1
		SAINT-GERVAIS	4/16/70	72	0			\$0	1
	FLOOD	FREJUS MALPASET DAM	12/02/59	412					3
	MINE DISASTER	COURRIERES	3/10/06	1,060					4
	SHIP DISASTER	OFF INDOCHINA	6/15/39	63			\$1,000		3
	WIND STORM	BRITANY, NORMANDY	7/06/69	23	0			\$0	1

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
GAMBIA, THE	DROUGHT	NORTHWESTERN REGION	68	0	180 000		\$500	4
		COUNTRYWIDE	71	0	150,000		\$200	4

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
GERMANY, DEM. REP.	STORM	ELBE ESTUARY	2/23/67	0	0		\$0 0

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
GERMANY, FED. REP.	AIR DISASTER	LAKEHURST N.J.	5/06/37	36				1
	EXPLOSION	OPPAU	9/21/21	600				3
		LUDWIGSHAFEN	7/28/48	200			\$6.000	5
	MINE DISASTER	RADBOD	8	360				3
		GRIMBERG MONOP. MINE	15	439				3

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
GHANA	DROUGHT	COUNTRYWIDE	71	0	12,000		\$100	2
		N & UPPER REGIONS	5/00/77	0	0		\$0	0
	FLOOD	C-S ALONG COAST	7/00/68	0	25,000	25,000	\$74,700	6

Abstract

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR (000)	DMG	DKM
GREECE	EARTHQUAKE	GREECE & BALKAN STS	28	103					2
		IONIAN ISLANDS	53	420					3
		ALONISOS&SKOPELOS	3/09/65	1	30	038		\$8,000	6
		C,PATRAS,CORINTH	3/31/65	4					1
		C PELOPONNESUS AREA	4/05/65	33	30,000	30,000			3
		C,EURYTANIA REG	2/05/66	1	11,001	11,000	\$4,000	5	
		CENTRAL GREECE	10/29/66	1	10,000	10,000	\$14,000	5	
		EPICENTER-MEGALOPOS	9/01/66	0	5,000	5,000	\$0	1	
		NW MOUNTAINS	5/01/67	9	16,535	16,527	\$5,000	6	
		LIMNOS AGIOS EFSTRA	2/19/68	19	4,019		\$600	3	
	ICE STORM	SIATISTA	6/13/30	22					1

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
GUATEMALA	BORDER CONFLICT	CHIQUEMALA DEPT	70	0	5,500		\$0 1
	EARTHQUAKE	GUATEMALA CITY&AREA	2/04/76	23,000	1,200,000		\$1,000,000 18
	EQUINE ENCEPHALITIS	COUNTRYWIDE	6/00/69				\$0 0
	FIRE	GUATEMALA CITY	7/14/60	225	1,600		3
		LA LIMONADA NEIGH.	1/17/68	2	152		\$20 3
	FLOOD	SW COAST,PANTALEON R	6/00/73	5	1,005	1 000	\$2,500 4
	HURRICANE	PACIFIC COAST REG.	9/08/69	269	8,521		\$15,000 7
	VOLCANIC ERUPTION	SANTA MARIA	4/08/02	1,000			4

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
GUYANA	FLOOD	E COAST, CANE GROVE	7/00/71	0	21,000		\$200	3

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
HAITI	DROUGHT	NW PENINSULA	66	0	210 217		\$1,000	5
		NORTHWEST PENINSULA	11/00/74	0	307,000		\$0	4
		NORTHWEST PENINSULA	11/00/74	50	300 000		\$0	5
		ENTIRE COUNTRY	77		440,000			4
	FIRE	PORT-AU-PRINCE	8/07/72	0	5 000	5,000	\$50	2
	FLOOD		11/14/63	500				3
		LES CAYES REG	5/20/72	78	40,000		\$959	6
	HURRICANE	JEREMIE&JACMEL	10/21/35	2,150				5
		SOUTHWESTERN HAITI	10/12/54	410	250,000			7
		SW END,HISPANIOLA	10/02/63	5,000			\$180,000	10
		LES CAYES AREA	8/24/64	100	80,100		\$10,000	8
		LES CAYES AREA	8/24/64	100	80,100		\$10,000	8
		S HISPANIOLA	9/29/66	430	67,000	67,000	\$20,000	10

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
HONDURAS	ACCIDENT	MARCALA	5/10/71	37	160		\$0	2
	CIVIL STRIFE	VALLE, LEMPIRA, OCTEP.	7/14/69	300	92,800		\$2,500	8
	DROUGHT	S, VALLE&CHOLUTUCA	66	0	100,000		\$0	3
			73	0	300,000		\$7,000	7
	EPIDEMIC	SAN PEDRO SULA AREA	8/00/65	7	177		\$0	2
	FLOOD	CENTRAL&SOUTH	9/24/65	0	6,000	6,000	\$500	2
		HONDURAS, COASTS	9/19/74	0	0		\$0	0
	HURRICANE	ROATAN, UTILA, GUANAJA	9/01/69	0	8,000		\$19,000	5
		NORTHERN HONDURAS	9/18/74	8,000	600,000	100,000	\$540,000	16

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG DKM (000)
HONG KONG	EXPLOSION		9/22/48	135			2
	FIRE	MACAO WATERFRONT	1/20/76	0	614	614	\$0 1
	FLOOD	ENTIRE COLONY	6/11/66	65	8.626	2.672	\$8,000 5
	LANDSLIDE	KWUNGTON&VICTORIA	6/18/72	100	1.000	1.000	\$0 3
	STORM	HONG KONG	8/25/76	11	3.000	3.000	2
	TYPHOON	HONG KONG	9/18/06	10.000			6
			9/01/61	400			3
		N POINT & TAI PO KAN	8/21/68				0
			8/17/71	90	200		\$0 3

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
HUNGARY	EARTHQUAKE		9/07/45	0				0

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
ICELAND	AVALANCHE	NESKAUPSTADHUR	12/20/74	12	0		\$0	1
	VOLCANIC ERUPTION	HEIMAEY IS.HELGAPELL	1/23/73		5,000	53,000	\$24,700	5
			74	0	5,000		\$0	1
			75	0	0		\$0	0

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
INDIA	BUBONIC PLAGUE		7	1,300.000				10
	CHOLERA	NATIONWIDE	20	500.000				10
		NATIONWIDE	24	300.000				9
	CIVIL STRIFE		3/25/71	5.560	10,000.000		\$0	11
	COLD WAVE	UTTAR PRADESH, BIHAR	1/05/73	115	0		\$0	2
		BIHAR, DELHI	12/23/73	146	0		\$0	2
	CYCLONE	BENGAL	10/15/42	40.000				7
		SOUTHEASTERN COAST	10/27/49	1 000				4
		MADRAS STATE	11/03/66	18	150.018	150.000	\$4,200	7
		BAY OF BENGAL	11/11/67	23	300			2
		ANDRA PRADESH	5/17/69	849	260.000		\$8,330	11
		BAY OF BENGAL	11/11/69	23	30		\$0	2
		E COAST, ORISSA STATE	10/29/71	9.658	4,900.000	2,000.000	\$30,000	16
		WEST BENGAL STATE	8/15/74	20	4.000		\$0	2
		TAMIL NADU&N KERALA	11/12/77	590		317 000	\$140,000	8
		ADNHRA PRADESH STATE	11/19/77	10.519	7,000.000	2,000.000	\$750,000	18
	DROUGHT	BENGAL	0	1,250.000				10
		CALCUTTA, BENGAL REG	42	1,500 000				10
		MYSORE	8/00/64	0	166 000		\$0	3
		RAJASTHAN, 4 C PROVS	7/00/64	0	3,000 000		\$0	5
		NATIONWIDE EXCEPT S	67	1,500 000	100,000 000		\$100,000	23
		CENTRAL INDIA	72	0	200,000.000		\$100,000	13
	EARTHQUAKE	KANGRA	4/05/05	373.000				9
		INDIA	34	6.000				5
		BALUCHISTAN	35	50.000				7
		ASSAM, RIMA	8/15/50	1.500				4
		NORTHERN INDIA	63	100				2
			12/11/67	177	50.177		\$400	5
		HIMACHAL PRADESH	1/19/75	0	0		\$0	0
	FLASH FLOOD	RAJASTHAN&GUJARAT, N	7/09/69	1 129	6,300.000		\$40,000	14
	FLOOD	ANDHRA PRADESH	9/29/64	36	18.400		\$500	4
		MANIPUR&ASSAM	8/00/66	47	900.047		\$1,400	7
		NORTH AND CENTRAL	9/05/67	300	1,000.000		\$0	8
		NE, W BENGAL, ASSAM	10/07/68	3,763	1,200.000		\$54,200	14
		UTTAR PRADESH	9/00/70	627	10,000.000		\$101,200	14
		UTTAR PRADESH	7/20/70	112	0		\$0	2
			71	195	0		\$0	2
		UTTAR PRADESH	9/09/71	300	35 000		\$0	5
		NORTHWEST, BIHAR	7/00/75	350	27,000 000	7,000.000	\$227,397	15
		GANGES SYSTEM	8/06/77	0	0		\$0	0
	MALARIA	NATIONWIDE	47	1,000.000	75,000.000			18

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
INDIA	MINE DISASTER	DBANBAD, BIHAR	12/27/75	372	0		\$0	3
	PLAGUE	NATIONWIDE	20	2,000.000				10
	RAIL DISASTER	NEAR PATNA	7/16/37	107				2
	SMALL POX	NATIONWIDE	26	423 000				9
		NATIONWIDE	1/00/67	3 029	13.576		\$0	6
	STORM	KANNAMAN	7/22/69	15	92		\$0	2
		EASTERN INDIA	8/00/75	450	0		\$200,000	8
		BULANDSHAR, U. P.	9/00/75	30	0		\$0	1
		GUJARAT	10/22/75	21	0		\$0	1
	WIND STORM	SRINAGAR, KASHMIR	10/21/72	50	75		\$0	2

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
INDONESIA	BUBONIC PLAGUE		9	40				1
	DROUGHT	C JAVA,S ISLES	72	2	3,500,000		\$70,000	10
	EARTHQUAKE	DONGGALA	8/15/68	200	0		\$0	2
		CELEBES IS,MADJENE	2/23/69	664	0		\$0	3
		IRIAN JAYA	6/25/76	420	35,000	15,000	\$0	5
		BALI	7/14/76	443	450,000	103,881	\$195,000	12
		BIME. EIPOMEK, NALKA	10/29/76	110	7,000		\$0	3
		INDIAN OCEAN,SUMBA	8/19/77	111	10,000	1,700	\$182	4
	EPIDEMIC	BAJALAI,CNTRL JAVA	1/00/68	40	94		\$0	2
	FAMINE	LOMBOK,S	66	8 000	212,000		\$0	9
		FLORES,TIMOR,SULAWE.	1/00/70	0	250,000		\$200	5
	FLASH FLOOD	EAST JAVA, LUMAJANG	11/13/76	96	5 599			3
	FLOOD	C&E JAVA,SOLD R	3/14/66	176	524 176		\$33,000	10
		AMBON	6/10/67	0	7 000	7,000	\$10,000	4
		EAST JAVA	1/09/67		55,000	55,000		2
		DJAKARTA AREA	2/09/67		75 000			3
		EAST JAVA	4/00/68	12	150 012		\$7,800	7
		CENTRAL JAVA	11/30/67	160	0		\$0	2
	STORM	SITUBONDO,W.JAVA	1/00/74	10	2,000		\$0	2
		ACEH, SUMATRA	12/20/76	25	0		\$0	1
	VOLCANIC ERUPTION	JAVA,MT KELUD	19	5,000				5
		BALI,MT AGUNG	1/03/63	1,584	78,000			7
		E JAVA,MARGOMLUJO	4/25/66	1,000	5,000	5,000	\$1,000	7
		SANGI TALAUD,MT AWU	8/12/66	88	40,088	20,000	\$500	5

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
INTER REG PROJECTS	FLOOD		6/09/66	39	500.039		\$0	5

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
IRAN	AVALANCHE	NE OF TEHERAN	1/27/70	43	100		\$0	2
	CHOLERA	TAAL, NEAR MANILA	6/00/65	288	2.500		\$0	4
			8/00/77	0	0		\$0	0
	EARTHQUAKE	KHURACAN	47	400				3
		MESHED	48	200				2
		EASTERN IRAN	2/12/53	1 000				4
		LARISTAN	56	350				3
		CASPIAN SHORES	7/02/57	2.500	10.000			6
		WESTERN IRAN	12/13/57	3 000				5
		LAR & GERASH	60	480				3
		NW IRAN,QAZUIN	9/01/62	12 000	100.000			9
		AZURBAIJAN PROV	4/29/68	38	5 038		\$1,000	4
		NE,KHORASSAN PROV	8/31/68	10,000	85,000	75 000	\$35,000	13
		KHURASAN PROVINCE	1/03/69	50			\$0	1
		NORTHEAST	7/30/70	176	10 000		\$0	3
		SOUTHWEST IRAN	4/10/72	5.057	22.000		\$1,000	9
		S KHORRANSAN PROV	11/06/76	16				1
		BANDAR ABBAS&NEARBY	1/05/77	0				0
		BANDAR ABBAS,ENVIRON	3/21/77	130	20 000			4
		SHAHR KORD	4/07/77	352	400,000			7
	FLASH FLOOD	TEHERAN,KAZVIN DIST	8/01/54	2.000				4
	FLOOD	NORTHWEST	9/13/66	42			\$0	1
		AZERBAIJAN	4/04/69	20	0		\$0	1
		CASPIAN COAST	10/28/68	30	0		\$0	1
	SNOW STORM		2/10/72	60	0		\$0	1
	STORM	DAMAGHAN	4/21/75	14	0		\$0	1

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
IRAQ	CHOLERA		8/00/77	3	3			2
	DROUGHT	NOTHERN REGIONS	71	0	500 000		\$2,000	6
	FLOOD	EUPHRATES R VALLEY	5/11/67	0	200.000	60.000	\$5,000	6
		EUPHRATES R. BASIN	5/00/68	0	150.000		\$3,000	5

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Abstract

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR (000)	DMG DKM
IRELAND	EARTHQUAKE	KOPASKER	1/13/76	1				1

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DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
ISRAEL	LANDSLIDE	NEOT HAKIKAR	12/30/70	20	13		\$0	2

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
ITALY	ACCIDENT	SEVESO	7/10/76	0	2 017		\$0	1
	AVALANCHE	ALPS	4/00/75	12	0		\$0	1
	CYCLONE	VENICE	9/11/70	35	200		\$3,200	4
	EARTHQUAKE	MESSINA	12/28/08	75.000	150.000			11
		AVEZZANO	1/13/15	30 000				7
		NAPLES	7/23/30	1.883	10.000			5
		WESTERN SICILY	1/15/68	224	0		\$68,006	6
		WESTERN SICILY	1/25/68	8	0		\$0	1
		TOSCANA	2/06/71	22	4.120		\$41,600	6
		FRIULI REGION	5/06/76	903	90.000		\$0	7
		FRIULI-VENEZIA REG	9/15/76	0				0
	FLOOD	PO RIVER VALLEY	11/00/51	100				2
		S.ROME TO SICILY	9/02/65	55			\$0	1
		FLORENCE, VENICE	11/04/66	116	100.116		\$2,000,000	11
		NE. PIEDMONT	11/02/68	113	0		\$0	2
		GENOA PROVINCES	10/00/70	37	1,300.000		\$268,300	11
	LANDSLIDE	VAIONT DAM N ITALY	10/09/63	1.189				4
	STORM	SICILY, SOUTH	1/01/73	24	5.000	5 000	\$360,000	7
		RIVIERA	7/14/73	14	0		\$0	1
	TORNADO	NORTH	7/05/65	37	0		\$0	1

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER * HOMELESS	DOLLAR DMG (000)	DKM
JAMAICA	CIVIL STRIFE	KINGSTON	1/07/76	0	60.000	1.200	\$1,000	4
	DROUGHT	NATIONWIDE	68	0	100.000		\$500	4
	EPIDEMIC	ENTIRE ISLE, KINGSTON	6/00/77	0	0		\$0	0
	FLOOD	ENTIRE IS, KINGSTON	10/17/73	6	2.516	2 500	\$1,700	4
	HURRICANE	KINGSTON HARBOR	8/17/51	150			\$56,000	6
		ENTIRE IS, KINGSTON	10/17/73	6	0	2.500	\$4,400	4

DISASTER HISTORY

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)	DKM
JAPAN	DROUGHT	OKINAWA	4/00/77	0	0		\$0	0
	EARTHQUAKE	YOKOHAMA, TOKYO	9/01/23	143.000			\$600,000	14
		NEAR TANGO, HONSHU	3/27/27	1.120				4
		ITO	11/25/30					0
		SANRIKU COAST	3/03/33	2.500				5
		HONSHU	12/21/46	2.000				4
		FUKUI	6/28/48	5.131				5
		NIIGATA	6/16/64					0
		ESP. AOMORI PREFECT	5/16/68	47	2.547		\$131,000	7
		IZU-HANTO	5/09/74	30	0		\$0	1
	EXPLOSION	OSAKA	4/08/70	73	300		\$0	2
	FIRE	TOKYO, YOKOHAMA	9/01/23	3.800				5
		HAKODATE	3/22/34	1.500				4
		YOKOHAMA	2/16/55	100				2
		MISAWA CITY	1/11/66	0	2.368	2.365	\$6,000	4
		TOKYO HOTEL	5/05/69	28	56		\$0	2
	FLOOD	HONSHU ISLAND	47	2.000				4
		KYUSHU ISLAND	57	513				3
		WEST	7/20/65	28	0		\$0	1
		SOUTH	9/18/65	114	3,000.000		\$90,000	11
		NUGATA & YAMAGATA	8/31/67	53	117		\$0	2
			8/06/77	5	0		\$12,000	4
	LANDSLIDE	NEBUKAWA	9/01/23					0
		OIMAWASHI	7/05/72	80	0		\$0	2
		OKUURA	4/16/74	17	0		\$0	1
	MINE DISASTER	OMUTA	64	447				3
	SHIP DISASTER	OFF COAST, KITCHEMARU	9/28/12	1.000				4
	STORM	KYUSHU ISLAND	7/07/69	72	0		\$0	1
		VARIOUS PARTS	7/11/74	108	0		\$400,000	7
	TORNADO		10/28/67	27	45		\$0	2
	TSUNAMI	SANRIKU	31	3.000				5
		HONSHU ISLAND	5/22/60	138			\$50,000	6
	TYPHOON	HONSHU	9/21/34	4.000			\$50,000	9
		HONSHU	9/15/47	0				0
		HONSHU	9/15/47	1.000				4
		NAGOYA	9/25/53	250	1,000.000	1,000.000		8
		TSUGARU STRAIT	9/26/54	1.172				4
		NORTHERN JAPAN	9/26/54	1.218				4
		CENTRAL HONSHO	9/27/58	679				4
		TOKYO	9/21/58	681				4

Figure 1. The effect of the number of trials on the mean accuracy of the responses ($n = 10$) as a function of the number of items ($n = 8$). Error bars represent standard error of the mean.

COUNTRY	DISASTER	LOCATION	DATE	NUMBER KILLED	NUMBER VICTIMS	NUMBER HOMELESS	DOLLAR DMG (000)
JAPAN	TYPHOON	CENTRAL HONSHU	9/26/59	4,580			
		HONSHU&OTHER ISLES	9/16/61	172			
			6/10/65	61	30,000		
		SHIKOKU,HONSHU	9/10/65	60			\$0
		HONSHU	6/28/66	44			\$0
		SOUTH	8/06/65	26			\$0
		RYUKYU ISLANDS	9/01/66	200	13,764	13,764	\$7,900
		RYUKYU ISLANDS	9/01/66				
		SW & WESTERN JAPAN	7/09/67	263	2,610		\$0
		OSAKA,SUMOTO	8/00/68				
		S,KYUSHU SHIKOKU	7/28/68	22	0		\$0
		KAGOSHIMA&MAKURAZAKI	9/00/68				
		KYUSHU ISLAND	8/05/71	135	0		\$0
		HONSHU	9/16/72	50	0		\$0
		W & S JAPAN	7/06/74	33	0		\$0
		NORTHERN JAPAN	8/15/75	68	123		\$505,000
		SOUTHERN JAPAN	9/08/76	104	325,000		
		S,OKINAWA	8/01/77	6	0		\$0
			VOLCANIC ERUPTION	MYOZIN-SYO	9/24/52	29	29
			MT USU	8/07/77	0	0	\$11,000