

DAMAGE ESTIMATES REPORTED BY ASIAN AND PACIFIC COUNTRIES AND AREAS: METEOROLOGICAL DISASTERS – TROPICAL CYCLONES, FLOODS, DROUGHT – 1989

Country/area and source of data	Type of disaster	Regions affected	Period covered	Human damage					Damage to houses and buildings					Material damage to farmlands (ha)	Damage to agricultural production					Damage to public works facilities								Damage to public utilities						Damage to other facilities		Total estimated or counted damage cost
				dead/missing	injured	homeless persons	affected persons	total	destroyed (units)	damaged (units)	affected (units)	total (units)	monetary damage		crops (tons)	livestocks (heads)	fruit plants	others	monetary damage	roads (sites)	bridges (sites)	river embankments (sites)	irrigation facilities (sites)	reservoir and dam (no.)	harbor and port (sites)	others	monetary damage	railway (sites)	electric supply (sites)	water supply (sites)	telecommunications (circuits)	others	monetary damage	ships lost or damaged (no.)	flooding or landslides (sites)	
Hong Kong Royal Observatory	Winter monsoon	Ngau Tau Kok	5 January 1989	—	1	—	—	1	...	...	...	...	...	...	...	...	...	—	...	—	—	—	...	...	...	—	...	—	...	...	—	—	...	...	...	
	Winter monsoon	Sai Kung	4 March 1989	—	—	—	—	—	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	—	...	—	...	...	—	—	...	1 ship	...	...	
	Winter monsoon	North Point	12 April 1989	—	—	—	—	—	...	...	...	...	...	...	...	...	14-metre tree uprooted	—	...	...	...	...	...	...	—	...	—	...	...	—	—	...	...	...	...	
	Rainstorm	New Territories and Kowloon	22 April 1989	—	—	46 (9 families)	1 family	46 (10 families)	6	...	...	6	...	...	...	...	...	—	...	...	...	...	...	...	—	...	—	...	...	—	—	...	...	25 1	...	
	Rainstorm	Territory wide	2 May 1989	3	1	714 (203 families)	1,142 (295 families)	1,856 (496 families)	234	...	...	234	...	...	...	...	...	—	...	...	...	...	...	5 catchwaters intakes, across roads	\$HK 0.09 million	1	1	...	—	—	...	...	—	24	...	
	Typhoon Brenda	Territory wide	16-21 May 1989	7	119	899 (236 families)	269 (84 families)	1,168 (330 families)	329	...	32	361	...	160 fishponds 190 farmland	...	a/	...	265 tons of pond fish	\$HK 8.8 million	...	...	...	—	...	...	35 catchwaters intakes, across roads	\$HK 10.29 million	—	...	...	—	2 pipes damaged	\$HK 1.553 million	2 ships	118 100	\$HK 10.223 million
	Typhoon Dot	—	5-12 June 1989	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	\$HK 0.168 million	—	—	—	—	—	—	—	—	—	—	
	Tropical Cyclone Faye	—	7-11 July 1989	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Typhoon Gordon	Territory wide	11-19 July 1989	2	38	78 (24 families)	259	377 (24 families)	...	2	6	8	...	17 fishponds 4.5 farmland	...	452	...	19 tons of pond fish	\$HK 0.3 million	...	...	...	—	...	...	—	...	—	...	...	—	—	\$HK 0.223 million	4 ships 4 vehicles	13 3	\$HK 0.523 million
	Rainstorm	New Territories	20-22 August 1989	3	—	25 (6 families)	—	28 (6 families)	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	—	...	—	...	...	—	—	...	—	18 2	...	
	Typhoon Brian	Harbour	30 September - 3 October 1989	—	—	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	—	...	...	—	—	...	20 ships	...	...	...	
	Typhoon Angela	—	29 September - 10 October 1989	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Typhoon Dan	—	8-14 October 1989	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fires	Territory wide	29-30 November 1989	—	—	—	—	—	...	...	...	...	...	...	...	...	...	b/	...	—	—	...	...	—	—	...	—	...	...	—	—	...	—	—	...		

Source: Reports on damage caused by cyclones, floods and droughts as returned to the ESCAP Natural Resources Division by ESCAP members and associate members. The reporting agency is listed under the country/area heading.

Notes: — Nil.  
... Data not available.  
a/ 66,000 chickens, 6,000 ducks, 1,000 pigs, 1,300 pairs of pigeons lost.  
b/ 400 fires of which some 160 were hill fires.

N/A: Not applicable.  
Blank column: No specific information provided.