

Supplementary Materials: Revisiting the most destructive earthquake sequence in the re-cent history of Greece: environmental effects induced by the 9, 11 and 12 August 1953 Ionian Sea earthquakes

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1. Supplementary Information

Table S1: Primary effects induced by the August 1953 Ionian Sea earthquakes in the southern Ionian Islands and related ESI-07 intensities.

PRIMARY EARTHQUAKE ENVIRONMENTAL EFFECTS									
Earthquake	Earthquake-affected island	Fault Block affected by EEE	Area affected by EEE	EEE Category	EEE Type	EEE Description	ESI-07 intensity	Source	Information Reliability *
12 August 1953	Cephalonia	Erissos peninsula	In 3 sites along the coast located NE of Ayia Efimia village	Primary effect	Permanent surface deformation	Coseismic uplift from 15 to 25 cm	VIII-IX	Stiros et al. (1994) Pirazzoli et al. (1994)	1
		Aenos Mt	Along the coast of Sami Bay, extending from Ayia Efimia to Sami	Primary effect	Permanent surface deformation	Coseismic uplift from 25 to 40 cm	VIII-IX	Stiros et al. (1994) Pirazzoli et al. (1994)	1
		Aenos Mt	Along the coast of Sami Bay, extending from Ayia Efimia to Sami	Primary effect	Permanent surface deformation	Coseismic uplift from 50 to 60 cm	IX	Stiros et al. (1994) Pirazzoli et al. (1994)	1
		Aenos Mt	Along the coast of Sami Bay, extending from Sami and NE of it	Primary effect	Permanent surface deformation	Coseismic uplift of 30-40 cm	VIII-IX	Stiros et al. (1994) Pirazzoli et al. (1994)	1

		Aenos Mt	Along the coast from SE of Sami to SE of Poros	Primary effect	Permanent surface deformation	Coseismic uplift of 50-70 cm	IX	Stiros et al. (1994) Pirazzoli et al. (1994)	1
		Argostoli peninsula	In the southern coast of the fault block of Argostoli peninsula, along the coast south of Moussata village	Primary effect	Permanent surface deformation	Coseismic uplift of 30-50 cm	VIII-IX	Stiros et al. (1994) Pirazzoli et al. (1994)	1
		Argostoli peninsula	In the western end of the Argostoli peninsula, NW of Argostoli	Primary effect	Permanent surface deformation	Coseismic uplift of 30-35 cm	VIII-IX	Stiros et al. (1994) Pirazzoli et al. (1994)	1
		Transition from Erissos peninsula to Aenos Mt	Myrtos coastal area, in the western coastal end of the transition zone from the fault block of Aenos Mt to the Erissos peninsula	Primary effect	Permanent surface deformation	Coseismic uplift from 40-45 cm	VIII-IX	Stiros et al. (1994) Pirazzoli et al. (1994)	1
		Transition from Erissos peninsula to Aenos Mt	Myrtos coastal area, in the western coastal end of the transition zone from the fault block of Aenos Mt to the Erissos peninsula	Primary effect	Permanent surface deformation	Coseismic uplift of 70 cm	IX	Stiros et al. (1994) Pirazzoli et al. (1994)	1

	Zakynthos	Offshore Zakynthos town	Close to Zakynthos town, towards Cephalonia	Primary effect	Permanent surface deformation	Permanent coseismic uplift resulting in emergence of a small island	IX	Taxydromos (16.08.1953)	1
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* Information reliability: 1: high; 2: moderate; 3: low

Table S2: Secondary effects induced by the August 1953 Ionian Sea earthquakes in the southern Ionian Islands and related ESI-07 intensities.

SECONDARY EARTHQUAKE ENVIRONMENTAL EFFECTS										
Earthquake	Earthquake-affected island	Fault Block affected by EEE	Area affected by EEE	EEE Category	EEE Type	EEE Description	Impact on the built environment and the local population	I _{ESI-07}	Source	Information Reliability
9 August	Ithaki	Central fault block	Along the main road leading from Vathi area, located in the southern fault block, to Stavros area, located in the northern fault block of the island	Secondary effect	Ground cracks	Ground cracks along the main road	Road damage in several sites resulting in temporary traffic disruption between the northern and the southern part of the island	VII-VIII	Ethnikos Kirix (10.08.1953) I Imera (11.08.1953) Neologos Patron (11.08.1953)	1
		Central fault block	Along the main road leading from Vathi area, located in the	Secondary effect	Slope failures	Rockfalls and landslides were generated in	Road damage in several sites resulting in temporary	VII		1

			southern fault block, to Stavros area, located in the northern fault block of the island			several sites along the road network of Ithaki Island.	traffic disruption between the northern and the southern part of the island			
	Cephalonia	Argostoli peninsula	In the quarries of Argostoli town, which were located close to the beach	Secondary effect	Slope failures	Rockfalls	-	VII	Ethnikos Kirix (10.08.1953)	2
		Aenos Mt	Along the road network between Argostoli and the northern part of the island and in particular along the western slopes of Ayia Dynati Mt	Secondary effect	Slope failures	Rockfalls and landslides	Temporary traffic disruption	VII	Neologos Patron (11.08.1953) Peloponnisos (11.08.1953) Empros (11.08.1953)	1
		Erissos fault block, northeastern part of Aenos Mt	Erissos and Pylaros areas	Secondary effect	Dust clouds	Dust clouds were induced and they were attributed not only to collapse of	-	VIII	I Imera (11.08.1953) Neologos Patron (11.08.1953)	1

						buildings but also to the intense ground shaking and to the generation of slope failures.			Empros (11.08.1953)	
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SECONDARY EARTHQUAKE ENVIRONMENTAL EFFECTS										
Earthquake	Earthquake-affected island	Fault Block affected by EEE	Area affected by EEE	EEE Category	EEE Type	EEE Description	Impact on the built environment and the local population	I _{ESI-07}	Source	Information Reliability
11 August 1953	Cephalonia	Southeastern Cephalonia	Chionata, Skala and Poros villages	Secondary effect	Slope failures	Rockfalls along the road network	Destruction of the road network and temporary traffic and communication disruption	VII	TO VIMA (12.08.1953)	1
		Eastern part of the fault block of Aenos Mt and eastern Cephalonia	Sami	Secondary effect	Slope failures	Rockfalls along the road network	Destruction of the road network and temporary traffic and	VII	Neologos Patron (12.08.1953)	1

							communication disruption			
		Eastern part of the fault block of Aenos Mt and eastern Cephalonia	Along the road network leading from Sami to Argostoli town	Secondary effect	Slope failures	Rockfalls along the road network	Destruction of the road network and temporary traffic and communication disruption	VII	TO VIMA (12.08.1953)	1
		Western part of the Aenos Mt fault block	Western slopes of Ayia Dynati	Secondary effect	Slope failures	Rockfalls along the road network	Destruction of the road network and temporary traffic and communication disruption	VII	I Imera (12.08.1953)	1
		Argostoli peninsula	Lourdata	Secondary effect	Slope failures	Detachment of scree from bedrock and subsequent landslides and rockfalls	-	VII	TO VIMA (12.08.1953) I Imera (12.08.1953)	1
		Aenos Mt	Tzanata	Secondary effect	Slope failures	Rockfalls	Complete destruction of buildings, uprooting of trees and 14 fatalities	VIII	Peloponnisos (12.08.1953)	1

		Aenos Mt	Chaliotata	Secondary effect	Hydrological anomaly	The water discharge of a spring, at a distance of about 100 m west of the village, increased after the earthquake.	-	VII	IGUR (1954)	1
		Argostoli peninsula	Metela square, next to Argostoli prison	Secondary effect	Ground cracks	The square was affected by Ground cracks and subsidence	Responsible for the collapse of an adjacent prison	VII-VIII	Peloponnisos (12.08.1953)	1
	Ithaki	Southern fault block of Ithaki	Vathi	Secondary effect	Anomalous wave / Tsunami	Waves of one meter height, inundation of a 1-km-long coastal area up to a distance of 200 m from the shore. Sea withdrawal and subsequent coastal inundation.	The Customs Office of Vathi flooded by the inundation	VIII	Eleftheria (12.08.1953) Empros (12.08.1953) TO VIMA (12.08.1953) Neologos Patron (12.08.1953) Peloponnisos (12.08.1953)	1

						Similar phenomena mainly after the largest aftershocks.				
		Southern fault block of Ithaki	Vathi	Secondary effect	Hydrological anomaly	Earthquake-affected wells of questionable purity	Lack of potable water and risk of infectious diseases outbreak	VIII-IX	Eleftheria, (1953)	1
		Southern fault block of Ithaki	Vathi	Secondary effect	Ground cracks			VI-VII	TO VIMA (12.08.1953)	1
	Zakynthos	Skopos Mt fault block	Zakynthos town	Secondary effect	Liquefaction	The coast of Zakynthos town suffered Ground cracks attributed to Liquefaction-induced lateral spreading	The jetty suffered extensive cracking	VIII	Peloponnisos (12.08.1953) TA NEA (11.08.1953) I Imera, (12.08.1953) Empros (12.08.1953)	1
		Not available	Not available	Secondary effect	Hydrological anomaly	Sulphureous gas emissions and subsequent flames coming out of Ground	-	VIII-IX	Neologos Patron (12.08.1953)	3

						cracks indicating combustion of natural gas				
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SECONDARY EARTHQUAKE ENVIRONMENTAL EFFECTS										
Earthquake	Earthquake- affected island	Fault Block affected by EEE	Area affected by EEE	EEE Category	EEE Type	EEE Description	Impact on the built environment and the local population	I _{ESI-07}	Source	Information Reliability
12 August	Cephalonia	Argostoli peninsula	Argostoli	Secondary effect	Liquefaction	Extensive and deep cracks in Argostoli port	Damage to the port	VIII	Taxydromos (14.08.1953) TA NEA (12.08.1953, 13.08.1953)	1
		Paliki peninsula	Lixouri	Secondary effect	Liquefaction	Ground cracks along the Lixouri coastal area resulting in dipping of the coast towards the sea. Ground cracks and subsidence of about 1 m in the quay of Lixouri. Submerged walls	Damage to the port	VIII	Loukeris (2013) published in I Kefanonitiki Proodos	1

						in the eastern part of the port.				
		Erissos peninsula	Markoulata village	Secondary effect	Slope failures	Rockfalls along an adjacent hill	-	VI-VII	IGUR (1954)	1
		Transition from Erissos peninsula to Aenos Mt fault block	Myrtos	Secondary effect	Slope failures	Detachment of a boulder from the slope in Myrtos and ending up in the adjacent bay. Change of the color of the sea from the unstable materials that had fallen inside.	Total destruction of a small church	VII	Empros (14.08.1953)	1
		Erissos peninsula	Lekatsata	Secondary effect	Slope failures	Rockfalls generated along a gorge between Karousata and Lekatsata		VII	IGUR (1954)	1
		Erissos peninsula	Karousata	Secondary effect	Slope failures	Rockfalls in a large scale	Part of the damage observed in the building stock of these villages attributed to rockfalls	VIII	IGUR (1954)	1
		Erissos peninsula	Logarata	Secondary effect	Slope failures	Rockfalls in a large scale	Part of the damage observed in the building	VIII	IGUR (1954)	1

							stock of these villages attributed to rockfalls			
		Eastern margin of Thinia valley, transition from Aenos Mt fault block to Paliki peninsula	Agonas	Secondary effect	Slope failures	Rockfalls affected the upper part of Agonas, while its lower part was protected by series of olive trees, which acted as a barrier against down rolling boulders	Damage to buildings in the upper part of Agonas village	VII	IGUR (1954)	1
		Eastern margin of Thinia valley, transition from Aenos Mt fault block to Paliki peninsula	Ayia Kyriaki coast	Secondary effect	Slope failures	The debris rockfall in Ayia Kyriaki area reached the sea causing local disturbance and temporary change to its color	-	VII	IGUR (1954)	1
		Eastern margin of Thinia valley, transition from Aenos Mt fault	Over Sotiras beach	Secondary effect	Slope failures	Rockfalls from the mountain over Sotiras beach	-	VI	IGUR (1954)	1

		block to Paliki peninsula								
		Western part of the Aenos Mt fault block	Kourouklata	Secondary effect	Slope failures	Rockfalls along the abrupt slopes of Tiganeto Mt surrounding Kourouklata	Kourouklata was completely destroyed by falling debris	VIII-IX	Peloponnisos (16.08.1953) IGUR (1954)	1
		Western part of the Aenos Mt fault block	Kourouklata	Secondary effect	Slope failures	Rockfalls along the abrupt slopes of Chalio Mt surrounding Kourouklata	Kourouklata was completely destroyed by falling debris	VIII-IX	Peloponnisos (16.08.1953) IGUR (1954)	1
		Western part of the Aenos Mt fault block	North of Drapano village	Secondary effect	Slope failures	Extensive slope failures comprising rockfalls. Blocks ended up in the adjacent sea of the Argostoli Gulf.	-	VI-VII	Petratos (2013) published in I Kefalonitiki Proodos	1
		Eastern part of the Aenos Mt fault block	Sami	Secondary effect	Slope failures	Rockfalls generated along the western slopes of the Avgo Mt	Structural and non-structural damage to buildings, many collapsed buildings, damage to the road network resulting	VIII	TA NEA (12.08.1953) Taxydromos (14.08.1953, 19.08.1953)	1
		Eastern part of the Aenos	Zervata	Secondary effect	Slope failures	Rockfalls generated along the western		VIII	I Imera (13.08.1953) IGUR (1954)	1

		Mt fault block				slopes of the Avgo Mt	in traffic and communication disruption and effects on vegetation including destruction of olive trees and vineyards			
		Eastern part of the Aenos Mt fault block	Katapodata	Secondary effect	Slope failures	Rockfalls triggered along the western slopes of the Avgo Mt	Further damage to some buildings of the village attributed to rockfalls	VIII		1
		Eastern part of the Aenos Mt fault block	Dichalia	Secondary effect	Slope failures	Rockfalls	Failure of a coastal part with an area of 1000 m ² took place before the August earthquakes and reactivated during the mainshock	VIII	IGUR (1954)	1
		Aenos Mt fault block	Pyrgi	Secondary effect	Slope failures	Rockfalls triggered along the eastern slopes of Roudi Mt	Boulders accumulated on the adjacent roads resulting in temporary traffic disruption	VII	Taxydromos (19.08.1953)	1

		Aenos Mt fault block	Valsamata	Secondary effect	Slope failures	Rockfalls triggered along the slopes over the village	Contribution of rockfalls to the complete destruction of the village	VIII	Taxydromos (14.08.1953)	1
		Aenos Mt fault block	Monastiraki	Secondary effect	Slope failures	Rockfalls triggered along an abrupt slope northeast of Monastiraki		VI-VII	IGUR (1954)	1
		Aenos Mt fault block	Tzanata	Secondary effect	Slope failures	Rockfalls triggered along the slopes over the village	Heavy structural damage to buildings resulting in increase of fatalities and injured people	VIII	Taxydromos (14.08.1953) I Imera (14.08.1953)	1
		Southern part of Aenos Mt	Atsoupades	Secondary effect	Slope failures	Detachment of boulders from the abrupt slopes of Aenos Mt and subsequent rockfalls	Considerable non-structural and structural damage to buildings in the village. Accumulation of boulders on the road network and traffic disruption.	VIII	IGUR (1954)	1
		Southeastern part of Aenos Mt	Kolaitis	Secondary effect	Slope failures	Rockfalls along the slopes of Aenos Mt	Kolaitis village completely	VIII	IGUR (1954)	1

							destroyed by rockfalls			
		Southeastern part of Aenos Mt	Arginia	Secondary effect	Slope failures	Rockfalls along the slopes of Aenos Mt	-	VII	IGUR (1954)	1
		Southeastern part of Aenos Mt	Chionata	Secondary effect	Slope failures	Rockfalls along the slopes of Aenos Mt	Heavy damage to buildings attributed to rockfalls resulting in many fatalities and injured people	VIII	IGUR (1954)	1
		Southern part of Aenos Mt	Plateies	Secondary effect	Slope failures	Rockfalls triggered along slopes of Aenos Mt composed of limestone	A fatality in the northeastern part of Plateies village was attributed to rockfalls	VIII	IGUR (1954)	1
		Southeastern Cephalonia	Skala	Secondary effect	Slope failures	Rockfalls and landslides remained active during the aftershock period	Large part of the village suffered damage from these failures	VIII	Taxydromos (14.08.1953) Neologos Patron (14.08.1953) TA NEA (19.08.1953)	1
		Southeastern Cephalonia	Anninata	Secondary effect	Slope failures	Rockfalls close to Anninata	Complete destruction of the village	VIII	Taxydromos (14.08.1953)	1
		Argostoli peninsula	Kilns of Akrotiri in	Secondary effect	Slope failures	Detachment of boulders from the slopes and	-	VI-VII	I Imera (14.08.1953, 16.08.1953)	2

			Argostoli area			subsequent rockfalls				
		Argostoli peninsula	Lassi area, southeast of Argostoli	Secondary effect	Slope failures	Activated many times during the aftershock period	-	VI-VII	Neologos Patron (14.08.1953, 15.08.1953); Peloponnisos (14.08.1953); I Imera (15.08.1953); Grandazzi (1954)	1
		Paliki peninsula	Ntouri (Paliokastro) hill	Secondary effect	Slope failures	Rockfalls triggered along the slopes of the hill where the ancient fortified city of Pali was located	Falling material affected the vegetation of the area, as rolling blocks destroyed olive trees	VI-VII		1
		Paliki peninsula	Southeastern end of Paliki peninsula	Secondary effect	Slope failures	Rockfalls	the upper part of the cape collapsed into the sea	VI-VII	Grandazzi (1954)	1
		Erissos peninsula	Antipata	Secondary effect	Hydrological anomalies	Wells with depth of up to 5 m were completely drained	Shortage of potable water	VIII	IGUR (1954)	1
		Paliki peninsula	Lixouri	Secondary effect	Hydrological anomalies	Wells filled with muddy waters attributed to the	Shortage of potable water carrying the risk	VIII-IX	Taxydromos (19.08.1953)	1

						intense earthquake ground motion and subsequent water turbidity	of outbreak of water-borne infections and gastrointestinal diseases		Loukeris (2013) published "I Kefalonitiki Proodos" journal	
		Argostoli peninsula	Argostoli	Secondary effect	Hydrological anomalies	Wells filled with muddy waters attributed to the intense earthquake ground motion and subsequent water turbidity	Shortage of potable water	VIII-IX	TO VIMA (18.08.1953)	1
		Aenos Mt	Chaliotata	Secondary effect	Hydrological anomalies	The water of a spring, at a distance of about 100 m west of the village, stopped running after the mainshock	-	VII	IGUR (1954)	1
		Aenos Mt	Tzanata	Secondary effect	Hydrological anomalies	Ejection of water reported after the earthquake in a site with no vegetation attributed to changes in the groundwater	-	VII	Neologos Patron (14.08.1953, 18.08.1953) TA NEA (17.08.1953)	1

									Ethnikos Kirix (17.08.1953)	
		Southeastern Cephalonia	Pastra	Secondary effect	Hydrological anomalies	Discharge increase in springs	-	VIII	Neologos Patron (14.08.1953)	1
		Aenos Mt	Pyrgi	Secondary effect	Hydrological anomalies	A lake in the Pyrgi area of Sami dried up and the watermills on its shores stopped working. Its water was poured into an adjacent lake called Avythos.	-	VIII	AVGI (1953)	2
		Argostoli peninsula	Argostoli	Secondary effect	Ground cracks	Extensive ground cracks were generated in the Maitland (Metela, local name) square located next to the Argostoli prison	The collapse of the prison could be attributed to the ground cracks and related subsidence	VII-VIII	Neologos Patron (13.08.1953) Petratos (2013) published in the journal of I Kefalonitiki Proodos	1
		Argostoli peninsula	Lassi area, southeast of Argostoli	Secondary effect	Ground cracks	Ground cracks in the road	Destruction of the road	VII-VIII	Grandazzi (1954)	1

						network leading to Faraon Hill				
		Aenos Mt	Sami	Secondary effect	Ground cracks	Ground cracks observed probably in zones susceptible to slope failures	Damage on the road and traffic disruption	VII-VIII	TO VIMA (13.08.1953)	1
		Aenos Mt	Farsa	Secondary effect	Ground cracks	Formation of extensive and wide Ground cracks	A resident was trapped in one of the cracks and villagers helped to set free	VIII	TA NEA (2014)	1
		Southeastern part of Aenos Mt	Kolaitis	Secondary effect	Ground cracks	Ground cracks with NW-SE direction observed in clayey marls. Among others, a ground crack with length of 150 m, depth of 4 m, width of 0.40 m and throw of 0.45 m.	-	VIII	IGUR (1954)	1
		Transition from Argostoli peninsula to	Argostoli Bay	Secondary effect	Anomalous sea waves / Tsunami	Sea boiling in several parts, whirlpools, repeated cycles of coastal	Slight impact along the coast	VI-VII	Eleftheria (13.08.1953) TA NEA (13.08.1953)	1

		Aenos Mt fault block				inundation and sea withdrawal in several parts of the bay, inundation up to Argostoli square.			TO VIMA (13.08.1953) Taxydromos (14.08.1953) Petratos (2013) published in I Kefalonitiki Proodos journal	
		Aenos Mt	Markopoulo	Secondary effect	Jumping stones	Large boulders (60 m ³) received a vertical push, detached from the ground, fell and remained in the same position due to the smoothness of the soil in the area	-	VIII	IGUR (1954)	1
		Aenos Mt	Markopoulo	Secondary effect	Effects on vegetation	The root system of shrubs and trees was destroyed, resulting in their drying	-	VIII	IGUR (1954)	1
		Transition from Argostoli	Argostoli Bay	Secondary effect	Hydrocarbon-related phenomena	Offshore steam emissions	-	-	TA NEA (15.08.1953)	2

		peninsula to Aenos Mt fault block								
	Zakynthos	Skopos Mt fault block	Zakynthos town	Secondary effect	Ground cracks	Its coastal part was intensively deformed by ground cracks. Subsidence up to half meter in several sites.	-	VII-VIII	Neologos Patron (13.08.1953 14.08.1953) I Imera (13.08.1953, 14.08.1953) Peloponnisos (16.08.1953) Taxydromos (16.08.1953)	1
		Skopos Mt fault block	Kokkinos Vrachos	Secondary effect	Ground cracks	Ground cracks accompanying slope failures	-	VI-VII		1
		Skopos Mt fault block	Ayios Dionysios temple	Secondary effect	Liquefaction	Ground cracks, subsidence and water gushing	-	VIII	TA NEA (13.08.1953)	1
		Skopos Mt fault block	Zakynthos town	Secondary effect	Hydrological anomaly	Water turbidity in wells, springs running dry in several sites		VIII	Eleftheria (13.08.1953) I Imera (13.08.1953)	1
		Skopos Mt fault block	Kryoneri	Secondary effect	Slope failures	Rockfalls triggered in Kryoneri area	Destruction of the adjacent road network and complete destruction of the Kryo Nero spring	VIII	Eleftheria (13.08.1953) Taxydromos (14.08.1953)	1

		Skopos Mt	Skopos Mt	Secondary effect	Slope failures	Rockfalls and landslides	-	VI-VII	Taxydromos (14.08.1953)	1
		Northern Zakynthos fault block	Northern part of Zakynthos Island	Secondary effect	Slope failures	Rockfalls	-	VI-VII	Eleftheria (15.08.1953) TO VIMA (15.08.1953)	1
		Skopos Mt fault block	Zakynthos town	Secondary effect	Anomalous sea waves / Tsunami	Raised sea level in the coastal area of Zakynthos town	-	VI-VII	TO VIMA (13.08.1953)	1
		Skopos Mt fault block	Zakynthos town	Secondary effect	Hydrological anomaly	Sulphureous gas emissions	-	VIII		1
	Ithaki	Northern fault block	Frikes	Secondary effect	Slope failures	Rockfalls	Complete destruction of heavily earthquake-affected buildings, accumulation of material on the road and traffic disruption.	VIII	I Imera (16.08.1953)	1
		Central fault block	Lefki	Secondary effect	Slope failures	Rockfalls	Complete destruction of heavily earthquake-affected buildings, accumulation of material on the	VIII	I Imera (16.08.1953)	1

							road and traffic disruption.			
		Central fault block	Ayios Ioannis	Secondary effect	Slope failures	Rockfalls	Complete destruction of heavily earthquake-affected buildings, accumulation of material on the road and traffic disruption.	VIII	I Imera (16.08.1953)	1
		Southern fault block	Vathi	Secondary effect	Anomalous sea waves / Tsunami	Tsunami	Inundation of the coast up to the squares of Vathi, water marks of small seaweed pieces left on streets of the town, some people found along its course were swept away, but no casualties reported	VIII	Empros (13.08.1953) Taxydromos (13.08.1953) TA NEA (13.08.1953); Neologos Patron (14.08.1953); Kolosenko (1955); Ambraseys (1965a)	1
		Central fault block	From Vathi to Stavros	Secondary effect	Ground cracks	Ground cracks along the road leading from Vathi to Stavros	Damage to the road network	VII-VIII	Empros (14.08.1953)	1

		Southern fault block	Vathi	Secondary effect	Liquefaction	Ground cracks in pier of Vathi	Damage to pier	VI-VII	Eleftheria (15.08.1953)	1
		Southern fault block	Vathi Bay	Secondary effect	Anomalous sea waves / Tsunami	Anomalous sea waves	Passengers of a boat, which was at the anchorage close to Vathi village in Ithaki, were shaken with such force that they had the impression that the boat was sinking	VI	Soloviev et al. (2020)	1