

WEMM40 INGV 301200  
TSUNAMI MESSAGE NUMBER 001  
NEAM INGV IT-NTWC TSUNAMI SERVICE PROVIDER  
ISSUED AT 1159Z 30 OCT 2020

... TSUNAMI WATCH ...  
THIS ALERT APPLIES TO GREECE ... TURKEY

... TSUNAMI ADVISORY ...  
THIS ALERT APPLIES TO GREECE ... TURKEY

... TSUNAMI INFORMATION ...  
THIS ALERT APPLIES TO ALBANIA ... ALGERIA ...  
BOSNIA\_HERZEGOVINA ...  
CROATIA ... CYPRUS ... EGYPT ... FRANCE ... GREECE ... ISRAEL ...  
ITALY ... LEBANON ... LIBYA ... MALTA ... MONACO ... MONTENEGRO ...  
MOROCCO ... SLOVENIA ... SPAIN ... SYRIA ... TUNISIA ... TURKEY ...  
UK

THIS ALERT IS ADDRESSED TO ALL COUNTRIES AND INSTITUTIONS  
SUBSCRIBED  
TO THE SERVICES OF INGV TSP IN ITS MONITORING AREA

THIS MESSAGE IS ISSUED AS ADVICE TO GOVERNMENT AGENCIES.  
ONLY  
NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE  
AUTHORITY TO MAKE  
DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR  
AREA AND ANY  
ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY  
PARAMETERS  
ORIGIN TIME - 1151Z 30 OCT 2020  
COORDINATES - 37.83 NORTH 26.80 EAST  
DEPTH - 13 KM  
LOCATION - DODECANESE\_ISLANDS\_GREECE  
MAGNITUDE - 7.0

ALERT LEVEL IS ASSIGNED ACCORDING TO THE ABOVE ESTIMATIONS  
OF

## EARTHQUAKE PARAMETERS AND BASED ON ICG/NEAMTWS DECISION MATRIX

### EVALUATION OF TSUNAMI WATCH

IT IS NOT KNOWN THAT A TSUNAMI WAS GENERATED. THIS WATCH IS BASED ONLY ON THE EARTHQUAKE EVALUATION.

AN EARTHQUAKE OF THIS SIZE HAS THE POTENTIAL TO GENERATE A TSUNAMI

THAT CAN STRIKE COASTLINES WITH A WAVE HEIGHT GREATER THAN 0.5M

AND/OR CAUSE A TSUNAMI RUN-UP GREATER THAN 1M.

AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS

POSSIBILITY. THIS CENTER WILL MONITOR SEA LEVEL DATA FROM GAUGES NEAR

THE EARTHQUAKE TO DETERMINE IF A TSUNAMI WAS GENERATED AND ESTIMATE

THE SEVERITY OF THE THREAT.

A TSUNAMI IS A SERIES OF WAVES AND THE FIRST WAVE MAY NOT BE THE

LARGEST. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND CAN VARY

SIGNIFICANTLY ALONG A COAST DUE TO LOCAL EFFECTS. THE TIME FROM ONE

TSUNAMI WAVE TO THE NEXT CAN BE FIVE MINUTES TO AN HOUR, AND THE

THREAT CAN CONTINUE FOR MANY HOURS AS MULTIPLE WAVES ARRIVE

### EVALUATION OF TSUNAMI ADVISORY

AN EARTHQUAKE OF THIS SIZE HAS THE POTENTIAL TO GENERATE A TSUNAMI

THAT CAN STRIKE COASTLINES WITH A WAVE HEIGHT LESS THAN 0.5M AND/OR

CAUSE A TSUNAMI RUN-UP LESS THAN 1M AT MORE THAN 1000 KM FAR FROM

THE EPICENTER

### EVALUATION OF TSUNAMI INFORMATION

BASED ON HISTORICAL EARTHQUAKE AND TSUNAMI MODELLING

THERE IS NO

THREAT THAT A TSUNAMI HAS BEEN GENERATED THAT CAN CAUSE DAMAGE OR MAJOR EFFECT IN THE REGION. THIS MESSAGE IS FOR INFORMATION ONLY.

HOWEVER, AT SOME COASTS, PARTICULARLY THOSE NEAR THE EPICENTER, HIGHER TSUNAMIS MAY ARRIVE THAN OUR ESTIMATION. AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES AT FORECAST POINTS WITHIN THE WATCH AREA ARE GIVEN BELOW. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES OF WAVES AND THE TIME BETWEEN SUCCESSIVE WAVES CAN BE FIVE MINUTES TO ONE HOUR. LOCATION, FORECAST POINT COORDINATES, ARRIVAL TIME, ALERT LEVEL (ADVISORY, WATCH)

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GREECE - SAMOS\_KARLOVASI 37.80N 26.68E 1151Z 30 OCT WATCH  
GREECE - IKARIA\_AGIOS\_KIRIKOS 37.61N 26.30E 1201Z 30 OCT WATCH  
GREECE - KALIMNOS\_PANORMOS 36.97N 26.93E 1228Z 30 OCT WATCH  
TURKEY - AYDIN\_KUSADASI 37.87N 27.26E 1203Z 30 OCT WATCH  
TURKEY - IZMIR\_ALACATI 38.25N 26.39E 1207Z 30 OCT WATCH  
TURKEY - AYDIN\_DIDIM 37.35N 27.28E 1227Z 30 OCT WATCH  
TURKEY - IZMIR\_MENTES\_M 38.43N 26.72E 1314Z 30 OCT WATCH  
TURKEY - IZMIR\_ALSANCAK 38.44N 27.14E 1348Z 30 OCT WATCH

GREECE - KALOGEROI 38.15N 25.29E 1216Z 30 OCT ADVISORY  
GREECE - MIKONOS\_CHORA 37.45N 25.32E 1219Z 30 OCT ADVISORY  
GREECE - ANDROS 37.84N 24.94E 1221Z 30 OCT ADVISORY  
GREECE - TINOS 37.53N 25.16E 1221Z 30 OCT ADVISORY  
GREECE - CHIOS\_VOLLISOS 38.47N 25.92E 1222Z 30 OCT ADVISORY  
GREECE - AMORGOS\_KATAPOLA 36.83N 25.86E 1228Z 30 OCT ADVISORY  
GREECE - SIROS\_ERMOUPOLI 37.44N 24.95E 1229Z 30 OCT ADVISORY  
GREECE - SYROS 37.44N 24.94E 1229Z 30 OCT ADVISORY  
GREECE - NAXOS\_CHORA 37.11N 25.37E 1231Z 30 OCT ADVISORY  
GREECE - KOS\_KEFALOS 36.74N 26.98E 1237Z 30 OCT ADVISORY

GREECE - SANTORINI\_ORMOS\_FIRON 36.42N 25.42E 1246Z 30 OCT ADVISORY  
GREECE - KARPATOS\_MESOCHORI 35.63N 27.09E 1248Z 30 OCT ADVISORY  
GREECE - KOS 36.90N 27.29E 1249Z 30 OCT ADVISORY  
GREECE - LESVOS\_SIGRI 39.21N 25.84E 1249Z 30 OCT ADVISORY  
GREECE - EVIA\_KIMI 38.62N 24.13E 1252Z 30 OCT ADVISORY  
GREECE - KASOS 35.42N 26.92E 1253Z 30 OCT ADVISORY  
GREECE - LESVOS\_MOLIVOS 39.37N 26.17E 1259Z 30 OCT ADVISORY  
GREECE - SITEIA 35.23N 26.10E 1300Z 30 OCT ADVISORY  
GREECE - HARAKLEIO 35.35N 25.15E 1301Z 30 OCT ADVISORY  
GREECE - RHODOS\_TOWN 36.46N 28.21E 1302Z 30 OCT ADVISORY  
GREECE - LESVOS\_MITILINI 39.10N 26.57E 1303Z 30 OCT ADVISORY  
GREECE - SKIATHOS 39.16N 23.49E 1303Z 30 OCT ADVISORY  
GREECE - PLIMIRI 35.93N 27.86E 1303Z 30 OCT ADVISORY  
GREECE - RHODOS\_LINDOS 36.09N 28.09E 1304Z 30 OCT ADVISORY  
GREECE - RETHIMNON 35.38N 24.47E 1305Z 30 OCT ADVISORY  
GREECE - AGIOS\_NIKOLAOS 35.21N 25.72E 1305Z 30 OCT ADVISORY  
GREECE - MILOS\_ADAMAS 36.72N 24.45E 1306Z 30 OCT ADVISORY  
GREECE - KALATHOS 36.11N 28.07E 1306Z 30 OCT ADVISORY  
GREECE - LIMNOS\_MIRINA 39.87N 25.05E 1310Z 30 OCT ADVISORY  
GREECE - CHANIA 35.53N 24.02E 1313Z 30 OCT ADVISORY  
GREECE - KASTELORIZO\_MEGISTI 36.15N 29.59E 1315Z 30 OCT ADVISORY  
GREECE - MONEMVASIA 36.68N 23.04E 1319Z 30 OCT ADVISORY  
GREECE - IERAPETRA 35.01N 25.74E 1320Z 30 OCT ADVISORY  
GREECE - KASTELI 35.51N 23.64E 1320Z 30 OCT ADVISORY  
GREECE - PEIRAIAS 37.93N 23.62E 1320Z 30 OCT ADVISORY  
GREECE - KAPSALI 36.14N 23.00E 1323Z 30 OCT ADVISORY  
GREECE - KITHERA\_KAPSALI 36.14N 23.00E 1323Z 30 OCT ADVISORY  
GREECE - SAMOTHRAKI 40.48N 25.47E 1327Z 30 OCT ADVISORY  
GREECE - CHORA\_SFAKION 35.20N 24.13E 1330Z 30 OCT ADVISORY  
GREECE - GITHEION 36.76N 22.57E 1336Z 30 OCT ADVISORY  
GREECE - VOLOS 39.35N 22.95E 1341Z 30 OCT ADVISORY  
GREECE - THASSOS 40.78N 24.71E 1342Z 30 OCT ADVISORY  
GREECE - ITEA 38.43N 22.42E 1517Z 30 OCT ADVISORY  
GREECE - CORINTH 37.95N 22.94E 1522Z 30 OCT ADVISORY  
TURKEY - MUGLA\_BODRUM\_M 37.03N 27.42E 1256Z 30 OCT ADVISORY  
TURKEY - IZMIR\_ALIAGA 38.83N 26.94E 1305Z 30 OCT ADVISORY  
TURKEY - MUGLA\_DALAMAN 36.69N 28.78E 1313Z 30 OCT ADVISORY  
TURKEY - ANTALYA\_KAS 36.18N 29.62E 1317Z 30 OCT ADVISORY  
TURKEY - ANTALYA 36.20N 29.64E 1317Z 30 OCT ADVISORY

TURKEY - MUGLA\_FETHIYE 36.66N 29.11E 1321Z 30 OCT ADVISORY

TURKEY - FETHYE 36.62N 29.09E 1321Z 30 OCT ADVISORY

TURKEY - MUGLA\_AKSAZ\_M 36.84N 28.40E 1323Z 30 OCT ADVISORY

TURKEY - ANTALYA\_FINIKE 36.29N 30.15E 1323Z 30 OCT ADVISORY

TURKEY - CANAKKALE\_BOZCAADA 39.84N 26.08E 1326Z 30 OCT  
ADVISORY

TURKEY - BALIKESIR\_AYVALIK 39.31N 26.69E 1327Z 30 OCT ADVISORY

TURKEY - CANAKKALE\_GOKCEADA\_M 40.23N 25.89E 1328Z 30 OCT  
ADVISORY

TURKEY - ANTALYA\_M 36.83N 30.61E 1336Z 30 OCT ADVISORY

TURKEY - EDIRNE\_ENEZ 40.71N 26.05E 1352Z 30 OCT ADVISORY

TURKEY - MARMARA 40.97N 27.96E 1521Z 30 OCT ADVISORY

SUPPLEMENT MESSAGES WILL BE ISSUED AS SOON AS NEW DATA  
AND

EVALUATION ALLOWS. THE TSUNAMI ALERT WILL REMAIN IN EFFECT  
UNTIL

AN END OF ALERT IS BROADCAST.