

TSUNAMI MESSAGE NUMBER 002  
NEAM INGV IT-NTWC TSUNAMI SERVICE PROVIDER  
ISSUED AT 1321Z 02 MAY 2020

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

... TSUNAMI ADVISORY ONGOING ...  
THIS ALERT APPLIES TO EGYPT ... GREECE ... LIBYA ... TURKEY

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 - 1251Z 02 MAY 2020  
COORDINATES - 34.12 NORTH 25.71 EAST  
DEPTH - 20 KM  
LOCATION - CRETE\_GREECE  
MAGNITUDE - 6.7

ALERT LEVEL IS ASSIGNED ACCORDING TO THE ABOVE ESTIMATIONS OF  
EARTHQUAKE PARAMETERS AND BASED ON ICG/NEAMTWS DECISION MATRIX

#### EVALUATION OF TSUNAMI WATCH

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED.  
THIS TSUNAMI CAN STRIKE COASTLINES WITH A WAVE HEIGHT GREATER THAN  
0.5M AND/OR CAUSE A TSUNAMI RUN-UP GREATER THAN 1M. THIS  
CENTER WILL CONTINUE TO MONITOR SEA LEVEL GAUGES NEAREST THE REGION AND  
REPORT IF ANY ADDITIONAL TSUNAMI WAVE ACTIVITY IS OBSERVED. AUTHORITIES  
SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS POSSIBILITY.  
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

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED.  
THIS TSUNAMI 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  
AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS  
POSSIBILITY.

#### 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 - IERAPETRA 35.01N 25.74E 1312Z 02 MAY WATCH

GREECE - GAVDOS\_KARAVE 34.85N 24.12E 1310Z 02 MAY ADVISORY  
 GREECE - CHORA\_SFATION 35.20N 24.13E 1312Z 02 MAY ADVISORY  
 GREECE - KARPATOS\_MESOCHORI 35.63N 27.09E 1314Z 02 MAY ADVISORY  
 GREECE - KASOS 35.42N 26.92E 1315Z 02 MAY ADVISORY  
 GREECE - PALEOCHORA 35.22N 23.68E 1316Z 02 MAY ADVISORY  
 GREECE - SITEIA 35.23N 26.10E 1321Z 02 MAY ADVISORY  
 GREECE - PLIMIRI 35.93N 27.86E 1325Z 02 MAY ADVISORY  
 GREECE - RHODOS\_LINDOS 36.09N 28.09E 1326Z 02 MAY ADVISORY  
 GREECE - KALATHOS 36.11N 28.07E 1328Z 02 MAY ADVISORY  
 GREECE - KAPSALI 36.14N 23.00E 1330Z 02 MAY ADVISORY  
 GREECE - AGIOS\_NIKOLAOS 35.21N 25.72E 1330Z 02 MAY ADVISORY  
 GREECE - KITHERA\_KAPSALI 36.14N 23.00E 1330Z 02 MAY ADVISORY  
 GREECE - KASTEI 35.51N 23.64E 1331Z 02 MAY ADVISORY  
 GREECE - KOS\_KEFALOS 36.74N 26.98E 1333Z 02 MAY ADVISORY  
 GREECE - RHODOS\_TOWN 36.46N 28.21E 1333Z 02 MAY ADVISORY  
 GREECE - HARAKLEIO 35.35N 25.15E 1337Z 02 MAY ADVISORY  
 GREECE - SANTORINI\_ORMOS\_FIRON 36.42N 25.42E 1338Z 02 MAY ADVISORY  
 GREECE - CHANIA 35.53N 24.02E 1341Z 02 MAY ADVISORY  
 GREECE - MONEMVASIA 36.68N 23.04E 1344Z 02 MAY ADVISORY  
 GREECE - KALIMNOS\_PANORMOS 36.97N 26.93E 1344Z 02 MAY ADVISORY  
 GREECE - RETHIMNON 35.38N 24.47E 1344Z 02 MAY ADVISORY  
 GREECE - KOS 36.90N 27.29E 1345Z 02 MAY ADVISORY  
 GREECE - AMORGOS\_KATAPOLA 36.83N 25.86E 1350Z 02 MAY ADVISORY  
 GREECE - MILOS\_ADAMAS 36.72N 24.45E 1359Z 02 MAY ADVISORY  
 GREECE - IKARIA\_AGIOS\_KIRIKOS 37.61N 26.30E 1402Z 02 MAY ADVISORY  
 GREECE - NAXOS\_CHORA 37.11N 25.37E 1415Z 02 MAY ADVISORY  
 GREECE - MIKONOS\_CHORA 37.45N 25.32E 1420Z 02 MAY ADVISORY  
 GREECE - TINOS 37.53N 25.16E 1421Z 02 MAY ADVISORY  
 GREECE - SIROS\_ERMOUPOLI 37.44N 24.95E 1424Z 02 MAY ADVISORY  
 GREECE - SYROS 37.44N 24.94E 1424Z 02 MAY ADVISORY  
 EGYPT - MERSA\_MATRUH 31.39N 27.24E 1327Z 02 MAY ADVISORY  
 EGYPT - EL\_SALLOUM 31.55N 25.19E 1335Z 02 MAY ADVISORY  
 LIBYA - TUBRUQ 32.06N 23.99E 1333Z 02 MAY ADVISORY  
 LIBYA - DERN 32.77N 22.67E 1342Z 02 MAY ADVISORY  
 TURKEY - MUGLA\_DALAMAN 36.69N 28.78E 1334Z 02 MAY ADVISORY  
 TURKEY - MUGLA\_AKSAZ\_M 36.84N 28.40E 1349Z 02 MAY ADVISORY  
 TURKEY - MUGLA\_BODRUM\_M 37.03N 27.42E 1350Z 02 MAY ADVISORY  
 TURKEY - AYDIN\_DIDIM 37.35N 27.28E 1415Z 02 MAY ADVISORY

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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 GREECE - IERAPETRA 35.01N 25.74E 1316Z 02 MAY 0.13M MIN  
 LAT - LATITUDE (N-NORTH, S-SOUTH)  
 LON - LONGITUDE (E-EAST, W-WEST)  
 TIME - TIME OF THE MEASUREMENT (Z IS UTC TIME)  
 AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL  
 IT IS ..NOT.. CREST-TO-TROUGH WAVE HEIGHT.  
 VALUES ARE GIVE N IN METERS (M)  
 PER - PERIOD OF TIME IN MINUTES (MIN) FROM WAVE TO THE NEXT.

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.