

TSUNAMI MESSAGE NUMBER 004
NEAM INGV IT-NTWC TSUNAMI SERVICE PROVIDER
ISSUED AT 0013Z 26 OCT 2018

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

... TSUNAMI ADVISORY ONGOING ...
THIS ALERT APPLIES TO ALBANIA ... GREECE ... ITALY

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 - 2254Z 25 OCT 2018
COORDINATES - 37.49 NORTH 20.54 EAST
DEPTH - 19 KM
LOCATION - COSTA_OCCIDENTALE_PELOPONNESO_GRECIA
MAGNITUDE - 6.8

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)

GREECE - KATAKOLO 37.64N 21.32E 2307Z 25 OCT WATCH
GREECE - ZAKINTHOS 37.78N 20.91E 2308Z 25 OCT WATCH

GREECE - CEPHALONNIA_ARGOSTOLI 38.19N 20.49E 2315Z 25 OCT WATCH

GREECE - KIPARISSIA 37.26N 21.66E 2313Z 25 OCT ADVISORY
GREECE - KORONI 36.80N 21.96E 2319Z 25 OCT ADVISORY
GREECE - KALAMATA 37.02N 22.11E 2321Z 25 OCT ADVISORY
GREECE - KERKIRA_PELEKAS 39.58N 19.81E 2325Z 25 OCT ADVISORY
GREECE - KITHERA_KAPSALI 36.14N 23.00E 2325Z 25 OCT ADVISORY
GREECE - KAPSALI 36.14N 23.00E 2326Z 25 OCT ADVISORY
GREECE - GITHEION 36.76N 22.57E 2328Z 25 OCT ADVISORY
GREECE - PALEOCHORA 35.22N 23.68E 2330Z 25 OCT ADVISORY
GREECE - IGOUMENITSA 39.51N 20.22E 2339Z 25 OCT ADVISORY
GREECE - KASTELI 35.51N 23.64E 2340Z 25 OCT ADVISORY
GREECE - MONEMVASIA 36.68N 23.04E 2341Z 25 OCT ADVISORY
GREECE - CHANIA 35.53N 24.02E 2349Z 25 OCT ADVISORY
GREECE - PATRA 38.25N 21.73E 2356Z 25 OCT ADVISORY
GREECE - MILOS_ADAMAS 36.72N 24.45E 0003Z 26 OCT ADVISORY
GREECE - AIGIO 38.26N 22.08E 0014Z 26 OCT ADVISORY
GREECE - PEIRAIAS 37.93N 23.62E 0025Z 26 OCT ADVISORY
GREECE - SIROS_ERMOUPOLI 37.44N 24.95E 0027Z 26 OCT ADVISORY
GREECE - SYROS 37.44N 24.94E 0027Z 26 OCT ADVISORY
GREECE - ITEA 38.43N 22.42E 0028Z 26 OCT ADVISORY
GREECE - CORINTH 37.95N 22.94E 0033Z 26 OCT ADVISORY
GREECE - ANDROS 37.84N 24.94E 0038Z 26 OCT ADVISORY
GREECE - EVIA_KIMI 38.62N 24.13E 0057Z 26 OCT ADVISORY
GREECE - SKIATHOS 39.16N 23.49E 0109Z 26 OCT ADVISORY
GREECE - VOLOS 39.35N 22.95E 0146Z 26 OCT ADVISORY
GREECE - KATERINI 40.26N 22.60E 0208Z 26 OCT ADVISORY
ITALY - CROTONE 39.08N 17.13E 2333Z 25 OCT ADVISORY
ITALY - LE_CASTELLA 38.91N 17.03E 2333Z 25 OCT ADVISORY
ITALY - SIDERNO 38.27N 16.30E 2335Z 25 OCT ADVISORY
ITALY - CATANZARO 38.83N 16.63E 2335Z 25 OCT ADVISORY
ITALY - GALLIPOLI 40.05N 17.97E 2344Z 25 OCT ADVISORY
ITALY - OTRANTO 40.15N 18.50E 2347Z 25 OCT ADVISORY
ALBANIA - SARANDE 39.85N 20.00E 2358Z 25 OCT ADVISORY
ALBANIA - VLORE 40.44N 19.48E 0000Z 26 OCT ADVISORY

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY
GAUGE LOCATION LAT LON TIME AMPL PER

GREECE - KIPARISSIA 37.26N 21.66E 2322Z 25 OCT 0.09M 7MIN
ITALY - CROTONE 39.08N 17.13E 0009Z 26 OCT 0.09M 8MIN
ITALY - LE_CASTELLA 38.91N 17.03E 2350Z 25 OCT 0.06M 3MIN
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.

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