

TSUNAMI MESSAGE NUMBER 003
NEAM INGV IT-NTWC TSUNAMI SERVICE PROVIDER
ISSUED AT 0146Z 21 JUL 2017

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

... TSUNAMI ADVISORY ONGOING ...
THIS ALERT APPLIES TO GREECE 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 - 2231Z 20 JUL 2017
COORDINATES - 36.90 NORTH 27.46 EAST
DEPTH - 10 KM
LOCATION - TURKEY
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)

TURKEY - MUGLA_BODRUM_M 37.03N 27.42E 2231Z 20 JUL WATCH
TURKEY - AYDIN_DIDIM 37.35N 27.28E 2305Z 20 JUL WATCH

TURKEY - MUGLA_AKSAZ_M 36.84N 28.40E 2317Z 20 JUL WATCH
GREECE - KOS_KEFALOS 36.74N 26.98E 2239Z 20 JUL WATCH
GREECE - RHODOS_TOWN 36.46N 28.21E 2256Z 20 JUL WATCH
GREECE - KALIMNOS_PANORMOS 36.97N 26.93E 2257Z 20 JUL WATCH

GREECE - KARPATOS_MESOCHORI 35.63N 27.09E 2255Z 20 JUL ADVISORY
GREECE - PLIMIRI 35.93N 27.86E 2308Z 20 JUL ADVISORY
GREECE - RHODOS_LINDOS 36.09N 28.09E 2308Z 20 JUL ADVISORY
GREECE - KALATHOS 36.11N 28.07E 2309Z 20 JUL ADVISORY
GREECE - SITEIA 35.23N 26.10E 2311Z 20 JUL ADVISORY
GREECE - AMORGOS_KATAPOLA 36.83N 25.86E 2312Z 20 JUL ADVISORY
GREECE - IKARIA_AGIOS_KIRIKOS 37.61N 26.30E 2315Z 20 JUL ADVISORY
GREECE - KASTELORIZO_MEGISTI 36.15N 29.59E 2316Z 20 JUL ADVISORY
GREECE - AGIOS_NIKOLAOS 35.21N 25.72E 2317Z 20 JUL ADVISORY
GREECE - SANTORINI_ORMOS_FIRON 36.42N 25.42E 2321Z 20 JUL ADVISORY
GREECE - SAMOS_KARLOVASI 37.80N 26.68E 2325Z 20 JUL ADVISORY
GREECE - IERAPETRA 35.01N 25.74E 2327Z 20 JUL ADVISORY
GREECE - RETHIMNON 35.38N 24.47E 2330Z 20 JUL ADVISORY
GREECE - MIKONOS_CHORA 37.45N 25.32E 2333Z 20 JUL ADVISORY
GREECE - KALOGEROI 38.15N 25.29E 2335Z 20 JUL ADVISORY
GREECE - NAXOS_CHORA 37.11N 25.37E 2335Z 20 JUL ADVISORY
GREECE - TINOS 37.53N 25.16E 2335Z 20 JUL ADVISORY
GREECE - GAVDOS_KARAVE 34.85N 24.12E 2337Z 20 JUL ADVISORY
GREECE - ANDROS 37.84N 24.94E 2338Z 20 JUL ADVISORY
GREECE - CHANIA 35.53N 24.02E 2339Z 20 JUL ADVISORY
GREECE - CHORA_SFAKION 35.20N 24.13E 2339Z 20 JUL ADVISORY
GREECE - PALEOCHORA 35.22N 23.68E 2343Z 20 JUL ADVISORY
GREECE - SIROS_ERMOUPOLI 37.44N 24.95E 2343Z 20 JUL ADVISORY
GREECE - SYROS 37.44N 24.94E 2343Z 20 JUL ADVISORY
GREECE - KASTELI 35.51N 23.64E 2344Z 20 JUL ADVISORY
GREECE - CHIOS_VOLLISOS 38.47N 25.92E 2346Z 20 JUL ADVISORY
GREECE - MILOS_ADAMAS 36.72N 24.45E 2348Z 20 JUL ADVISORY
GREECE - MONEMVASIA 36.68N 23.04E 2352Z 20 JUL ADVISORY
GREECE - EVIA_KIMI 38.62N 24.13E 0009Z 21 JUL ADVISORY
GREECE - LESVOS_SIGRI 39.21N 25.84E 0011Z 21 JUL ADVISORY
GREECE - PEIRAIAS 37.93N 23.62E 0020Z 21 JUL ADVISORY
GREECE - LESVOS_MOLIVOS 39.37N 26.17E 0021Z 21 JUL ADVISORY
GREECE - LESVOS_MITILINI 39.10N 26.57E 0025Z 21 JUL ADVISORY
GREECE - LIMNOS_MIRINA 39.87N 25.05E 0030Z 21 JUL ADVISORY
TURKEY - MUGLA_DALAMAN 36.69N 28.78E 2308Z 20 JUL ADVISORY
TURKEY - MUGLA_FETHIYE 36.66N 29.11E 2317Z 20 JUL ADVISORY
TURKEY - ANTALYA 36.20N 29.64E 2318Z 20 JUL ADVISORY
TURKEY - ANTALYA_FINIKE 36.29N 30.15E 2324Z 20 JUL ADVISORY
TURKEY - IZMIR_ALACATI 38.25N 26.39E 2337Z 20 JUL ADVISORY
TURKEY - ANTALYA_M 36.83N 30.61E 2337Z 20 JUL ADVISORY
TURKEY - AYDIN_KUSADASI 37.87N 27.26E 2345Z 20 JUL ADVISORY
TURKEY - IZMIR_ALIAGA 38.83N 26.94E 0027Z 21 JUL ADVISORY
TURKEY - IZMIR_MENTES_M 38.43N 26.72E 0036Z 21 JUL ADVISORY
TURKEY - CANAKKALE_GOKCEADA_M 40.23N 25.89E 0048Z 21 JUL ADVISORY
TURKEY - CANAKKALE_BOZCAADA 39.84N 26.08E 0048Z 21 JUL ADVISORY
TURKEY - BALIKESIR_AYVALIK 39.31N 26.69E 0049Z 21 JUL ADVISORY
TURKEY - IZMIR_ALSANCAK 38.44N 27.14E 0110Z 21 JUL ADVISORY

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

GREECE - SYROS 37.44N 24.94E 0112Z 21 JUL 0.02M 0MIN
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.