

WEMM40 INGV 021259
TSUNAMI MESSAGE NUMBER 001
NEAM INGV IT-NTWC TSUNAMI SERVICE PROVIDER
ISSUED AT 1259Z 02 MAY 2020

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

... TSUNAMI ADVISORY ...
THIS ALERT APPLIES TO EGYPT ... GREECE ... LIBYA ... 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 - 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
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)

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

GREECE - GAVDOS_KARAVE 34.85N 24.12E 1310Z 02 MAY ADVISORY
GREECE - CHORA_SFAKION 35.20N 24.13E 1312Z 02 MAY ADVISORY
GREECE - KARPATHOS_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 - KASTELI 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 - RETHIMNON 35.38N 24.47E 1344Z 02 MAY ADVISORY
GREECE - KALIMNOS_PANORMOS 36.97N 26.93E 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 - DERNÄ 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

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.