**NOAA Pacific Tsunami Warning Center Messages – 13 November 2016**

TSUNAMI INFORMATION STATEMENT NUMBER 1  
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI  
1112 UTC SUN NOV 13 2016  
  
..PTWC TSUNAMI INFORMATION STATEMENT...  
  
  
\*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\*\*  
  
 THIS STATEMENT IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE  
 UNESCO/IOC PACIFIC TSUNAMI WARNING AND MITIGATION SYSTEM AND IS  
 MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.  
  
 NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF  
 ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED  
 INFORMATION.  
  
\*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\*\*  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
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  \* MAGNITUDE      7.4  
  \* ORIGIN TIME    1103 UTC NOV 13 2016  
  \* COORDINATES    42.8 SOUTH  173.0 EAST  
  \* DEPTH          10 KM / 6 MILES  
  \* LOCATION       SOUTH ISLAND OF NEW ZEALAND  
  
  
EVALUATION  
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  \* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 7.4 OCCURRED IN  
    SOUTH ISLAND, NEW ZEALAND AT 1103 UTC ON SUNDAY NOVEMBER 13  
    2016.  
  
  \* BASED ON ALL AVAILABLE DATA... THERE IS NO TSUNAMI THREAT  
    FROM THIS EARTHQUAKE.  
  
  
RECOMMENDED ACTIONS  
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  \* NO ACTION IS REQUIRED.  
  
  
NEXT UPDATE AND ADDITIONAL INFORMATION  
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  \* THIS WILL BE THE ONLY STATEMENT ISSUED FOR THIS EVENT UNLESS  
    ADDITIONAL DATA ARE RECEIVED OR THE SITUATION CHANGES.  
  
  \* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.  
    GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT  
    [EARTHQUAKE.USGS.GOV/EARTHQUAKES](http://earthquake.usgs.gov/EARTHQUAKES) -ALL LOWER CASE-.  
  
  \* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT  
    [PTWC.WEATHER.GOV](http://ptwc.weather.gov/) AND AT [WWW.TSUNAMI.GOV](http://www.tsunami.gov/).  
  
  \* COASTAL REGIONS OF HAWAII... AMERICAN SAMOA... GUAM... AND  
    CNMI SHOULD REFER TO PACIFIC TSUNAMI WARNING CENTER MESSAGES  
    SPECIFICALLY FOR THOSE PLACES THAT CAN BE FOUND AT  
    [PTWC.WEATHER.GOV](http://ptwc.weather.gov/).  
  
  \* COASTAL REGIONS OF CALIFORNIA... OREGON... WASHINGTON...  
    BRITISH COLUMBIA AND ALASKA SHOULD ONLY REFER TO U.S.  
    NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND  
    AT [NTWC.ARH.NOAA.GOV](http://ntwc.arh.noaa.gov/).  
  
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TSUNAMI INFORMATION STATEMENT NUMBER 2  
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI  
1143 UTC SUN NOV 13 2016  
  
..PTWC TSUNAMI INFORMATION STATEMENT...  
  
  
\*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\*\*  
  
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 UNESCO/IOC PACIFIC TSUNAMI WARNING AND MITIGATION SYSTEM AND IS  
 MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.  
  
 NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF  
 ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED  
 INFORMATION.  
  
\*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\*\*  
  
NOTE INCREASE OF EARTHQUAKE MAGNITUDE  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
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  \* MAGNITUDE      7.9  
  \* ORIGIN TIME    1103 UTC NOV 13 2016  
  \* COORDINATES    42.8 SOUTH  173.4 EAST  
  \* DEPTH          10 KM / 6 MILES  
  \* LOCATION       SOUTH ISLAND OF NEW ZEALAND  
  
  
EVALUATION  
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  \* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 7.9 OCCURRED IN  
    SOUTH ISLAND, NEW ZEALAND AT 1103 UTC ON SUNDAY NOVEMBER 13  
    2016.  
  
  \* A DRAWDOWN OF 2.5 METERS WAS OBSERVED AT KAIKOURA TIDE STATION.  
  
  
RECOMMENDED ACTIONS  
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A DAMAGING LOCAL TSUNAMI MIGHT HAVE OCCURRED. APPROPRIATE ACTIONS  
SHOULD BE TAKEN TO PROTECT LIVES AND PROPERTY.  
  
TSUNAMI OBSERVATIONS  
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  \* THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL  
    AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED  
    LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH  
    RESPECT TO THE NORMAL TIDE LEVEL.  
  
                            GAUGE      TIME OF   MAXIMUM     WAVE  
                         COORDINATES   MEASURE   TSUNAMI   PERIOD  
    GAUGE LOCATION        LAT   LON     (UTC)     HEIGHT    (MIN)  
    -------------------------------------------------------------  
    KAIKOURA NZ          42.4S 173.7E    1103   2.49M/ 8.2FT  96  
  
  
NEXT UPDATE AND ADDITIONAL INFORMATION  
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    ADDITIONAL DATA ARE RECEIVED OR THE SITUATION CHANGES.  
  
  \* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.  
    GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT  
    [EARTHQUAKE.USGS.GOV/EARTHQUAKES](http://earthquake.usgs.gov/EARTHQUAKES) -ALL LOWER CASE-.  
  
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    AT [NTWC.ARH.NOAA.GOV](http://ntwc.arh.noaa.gov/).  
  
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TSUNAMI INFORMATION STATEMENT NUMBER 3  
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI  
1259 UTC SUN NOV 13 2016  
  
..PTWC TSUNAMI INFORMATION STATEMENT...  
  
  
\*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\*\*  
  
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 ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED  
 INFORMATION.  
  
\*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\* NOTICE \*\*\*\*\*  
  
NOTE THE INCREASE OF EARTHQUAKE MAGNITUDE FROM MESSAGE NUMBER 1.  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
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  \* MAGNITUDE      7.9  
  \* ORIGIN TIME    1103 UTC NOV 13 2016  
  \* COORDINATES    42.8 SOUTH  173.4 EAST  
  \* DEPTH          10 KM / 6 MILES  
  \* LOCATION       SOUTH ISLAND OF NEW ZEALAND  
  
  
EVALUATION  
----------  
  
  \* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 7.9 OCCURRED IN  
    SOUTH ISLAND, NEW ZEALAND AT 1103 UTC ON SUNDAY NOVEMBER 13  
    2016.  
  
  \* LO  
  
RECOMMENDED ACTIONS  
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  \* NEW ZEALAND CIVIL DEFENSE HAS ISSUED A TSUNAMI THREAT  
    MESSAGE FOR THE EAST COAST OF SOUTH ISLAND.  
  
  \* TSUNAMI THREAT BEYOND NEW ZEALAND IS NOT EXPECTED.  
  
TSUNAMI OBSERVATIONS  
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  \* THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL  
    AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED  
    LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH  
    RESPECT TO THE NORMAL TIDE LEVEL.  
  
                            GAUGE      TIME OF   MAXIMUM     WAVE  
                         COORDINATES   MEASURE   TSUNAMI   PERIOD  
    GAUGE LOCATION        LAT   LON     (UTC)     HEIGHT    (MIN)  
    -------------------------------------------------------------  
    CASTLEPOINT NZ       40.9S 176.2E    1210   0.12M/ 0.4FT  18  
    WELLINGTON NZ        41.3S 174.8E    1232   0.43M/ 1.4FT  16  
    KAIKOURA NZ          42.4S 173.7E    1140   1.47M/ 4.8FT  16  
  
  
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