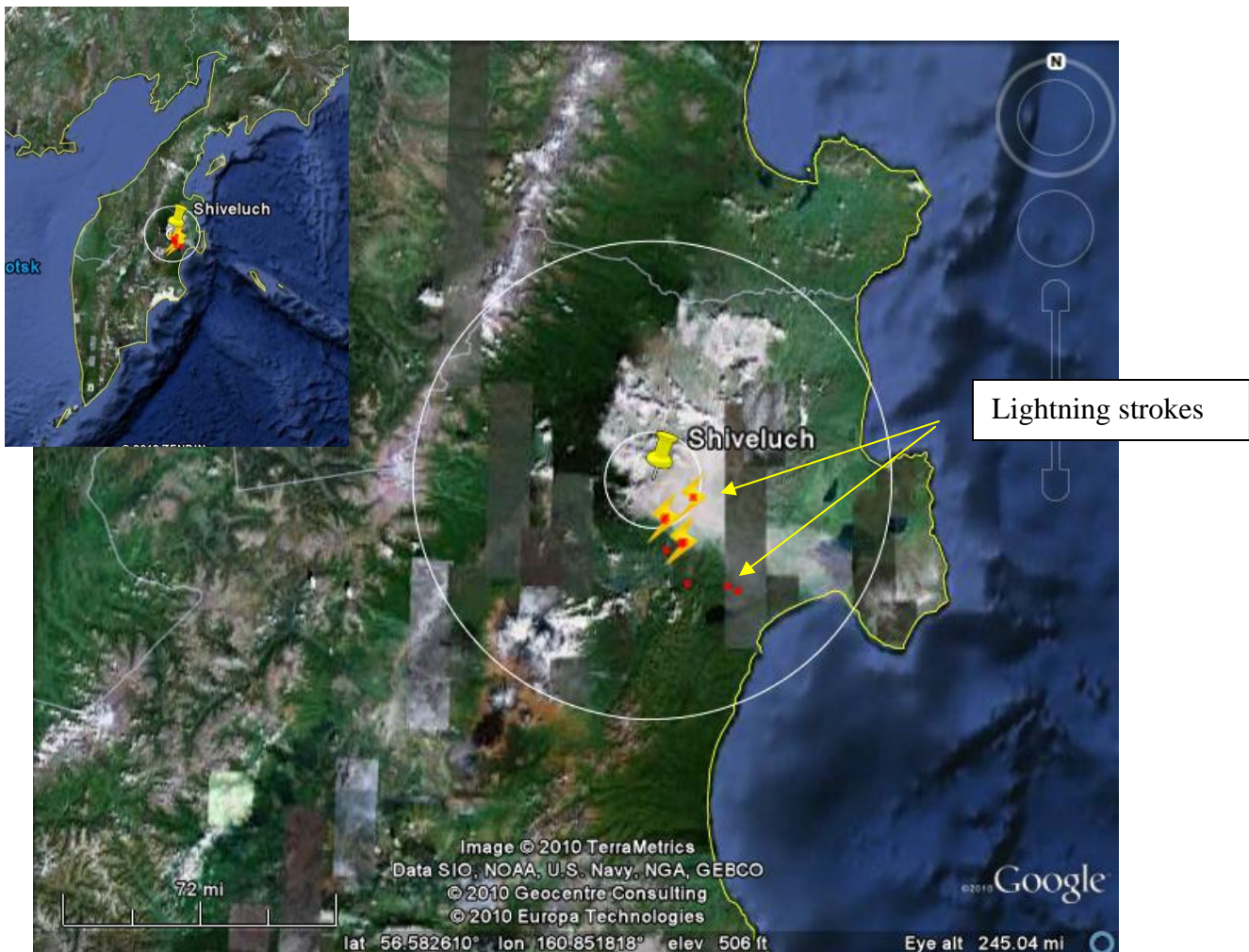


FIRST EXPLOSIVE VOLCANO ERUPTION SUCCESS USING LIGHTNING DATA



FIRST VOLCANO Eruption detected from WLLN lightning data

Alert Message (3rd of 3):
 Date: Wed, 27 Oct 2010 17:57:05 +0000
 From: sferix@flash4.ess.washington.edu
 To: jwewert@usgs.gov
 Subject: WLLN Volcano Alert: Shiveluch

Name: Shiveluch, Kamchatka
 Location: 56.6530°N, 161.3600°E
 Type: Stratovolcano

Start: 2010-10-27 16:56:00 UTC
 Stop: 2010-10-27 17:56:00 UTC
 Inner stroke count: 3
 Outer stroke count: 2

Date: October 27, 2010 15:33:30 PDT
 Subject: KVERT-Project: Sheveluch (1000-27) ash plume 20:09
 UTC on October 27,
 2010
 Reply-To: KVERT <kvert@kscnet.ru>

KVERT-Project: Sheveluch (1000-27) 20:09 UTC on October 27,
 2010

Volcano: Sheveluch (1000-27)
 Aviation Color Code: Red
 Location: 56°39'N, 161°21'E
 Elevation of vent (meters/feet): 2,500 m/8202 ft the dome elevation
 Height of ash plume (km/feet) ASL and how determined: km/0 ft -
 unknown
 Distance from the volcano (km/mi): km/0 mi
 Direction of ash plume or ash cloud drift from the volcano: North
 Time and method of observation: 20:09 UTC on October 27, 2010 -
 NOAA 16 (4m5)
 Start time of explosion and how determined: : UTC - unknown
 Duration of eruption (or indicate eruption is continuing): eruption is
 continuing

The large ash cloud from Sheveluch eruption probably mixed with
 ash plume from

Klyuchevskoy volcano 160x110 km in size moved to south-east
from the volcano.
No video data.

Best regards,

Sergey Ushakov
ushakov@kscnet.ru

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