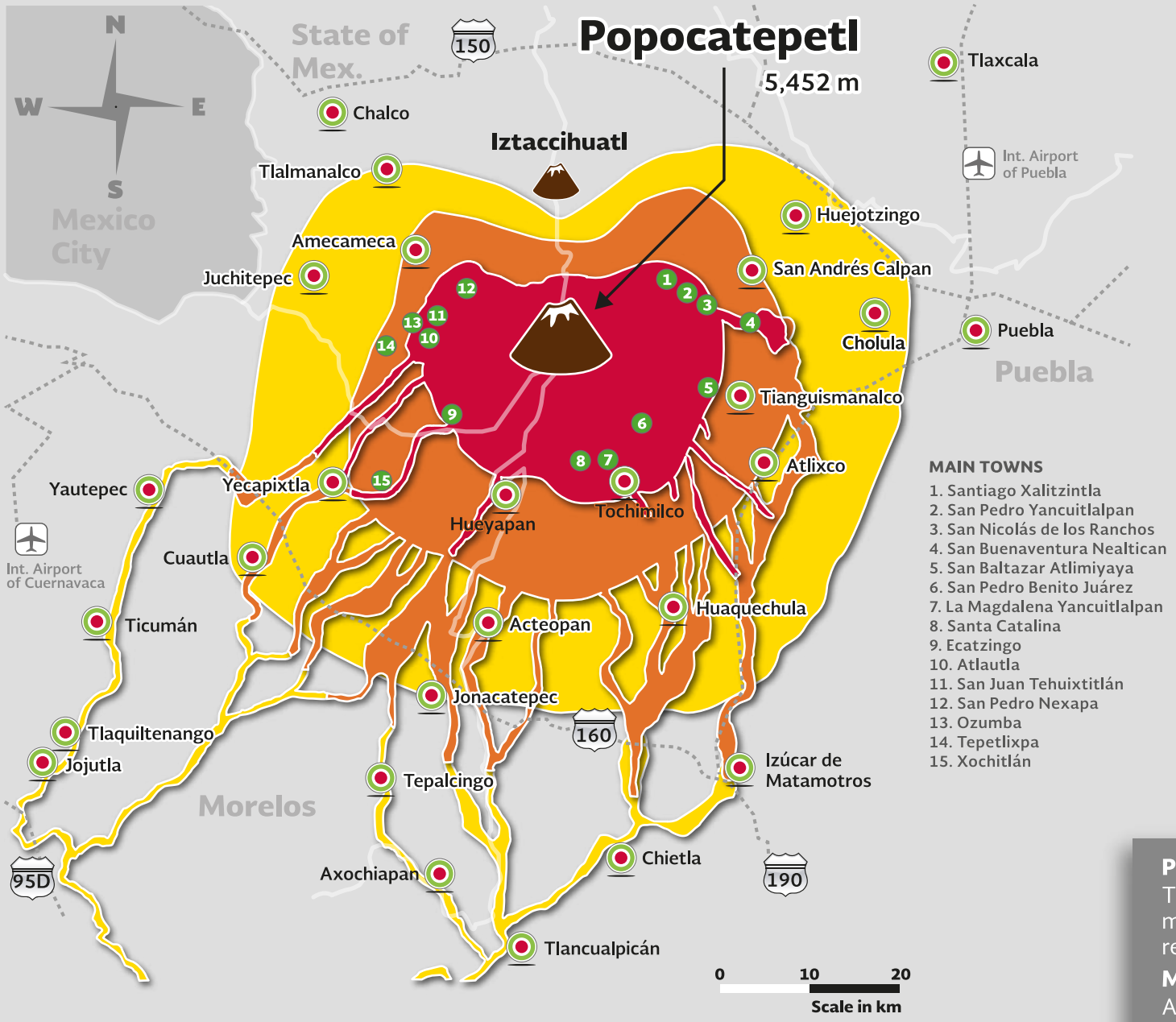
POPOCATEPETL

Pyroclastic flows, lahars (mudflows) and lava



MAIN TOWNS

1. Santiago Xalitzintla
2. San Pedro Yancuitlalpan
3. San Nicolás de los Ranchos
4. San Buenaventura Nealtican
5. San Baltazar Atlimiyaya
6. San Pedro Benito Juárez
7. La Magdalena Yancuitlalpan
8. Santa Catalina
9. Ecatzingo
10. Atlautla
11. San Juan Tehuixtitlán
12. San Pedro Nexapa
13. Ozumba
14. Tepetlixpa
15. Xochitlán

Volcanoes

Main towns

Airports

Roads

Area 1 HIGH HAZARD

Could be affected by lava flows, pyroclastic flows, mudflows and floods caused by similar eruptions that have occurred at least twice in the past 1,000 years.

Area 2 MODERATE HAZARD

Similar to Area 1 although less frequent danger. Such eruptions have occurred at least ten times in the last 15,000 years.

Area 3 LOW HAZARD

Least likely that an eruptive event reaches this area. Such eruptions have occurred at least twice in the last 40,000 years.

Pyroclastic flows

Turbulent mixture of volcanic gases, ash and hot rocks that moves at ground level with temperatures close to 700°C and can reach speeds of over 200 km/h, even overflowing hills and valleys.

Mud flows and flooding

A mixture of rock, ash and water that generates mud and carries materials in its path. They are concentrated mainly in ravines and streams, taking them 10 to 30 minutes down the volcano. Its destructive power may exceed pyroclastic flows since they can travel longer distances (tens of km).

Learn more: www.proteccioncivil.gob.mx / www.cenapred.gob.mx

Adaptation of the original map of the Instituto de Geofísica, UNAM
Source: http://www.geofisica.unam.mx/unid_apoyo/editorial/publicaciones/divulgacion/mapas/peligros_popo.html

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