



ISTITUTO NAZIONALE
DI OCEANOGRAFIA E DI
GEOFISICA Sperimentale



Ministero dell'Istruzione,
dell'Università e della Ricerca
PRIN - Progetti di Ricerca
di Interesse Nazionale

Station Code

UM02

Recording Station

Sito Riferimento 2

Network

Temporary network

	Year	Month	Day
First compilation	1970	01	01
Last update	1970	01	01

General Information

Station photograph



Code

UM02

Owner

CRS Centro di Ricerche Sismologiche, OGS

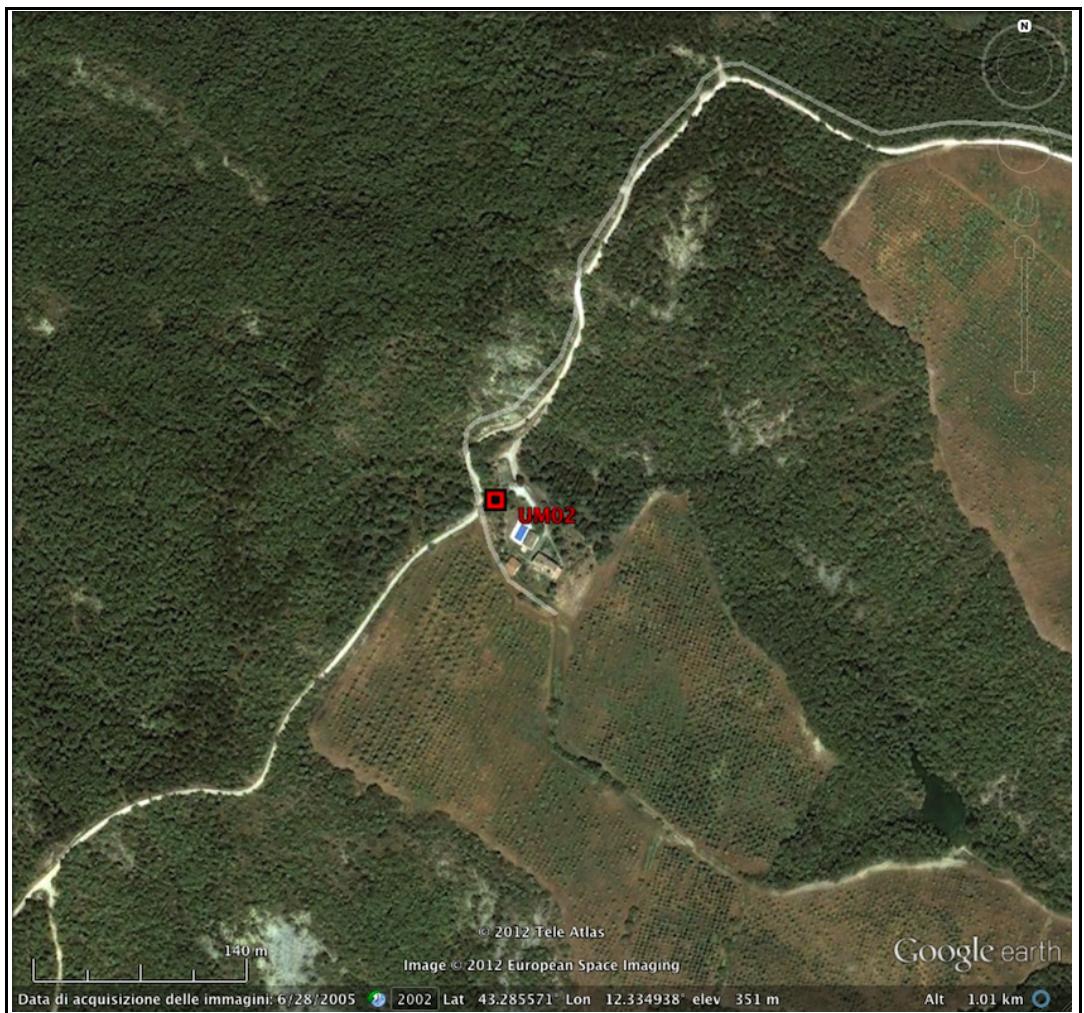
Housing

Instrumentation

Geographical Information (1/2)

Location

Region	UMBRIA
Province	Perugia
City	UMBERTIDE
Place / Address	Cicaleto - Badia M. Corona
ISTAT Code	054056
Notes	



Location map
(Italy and Region)

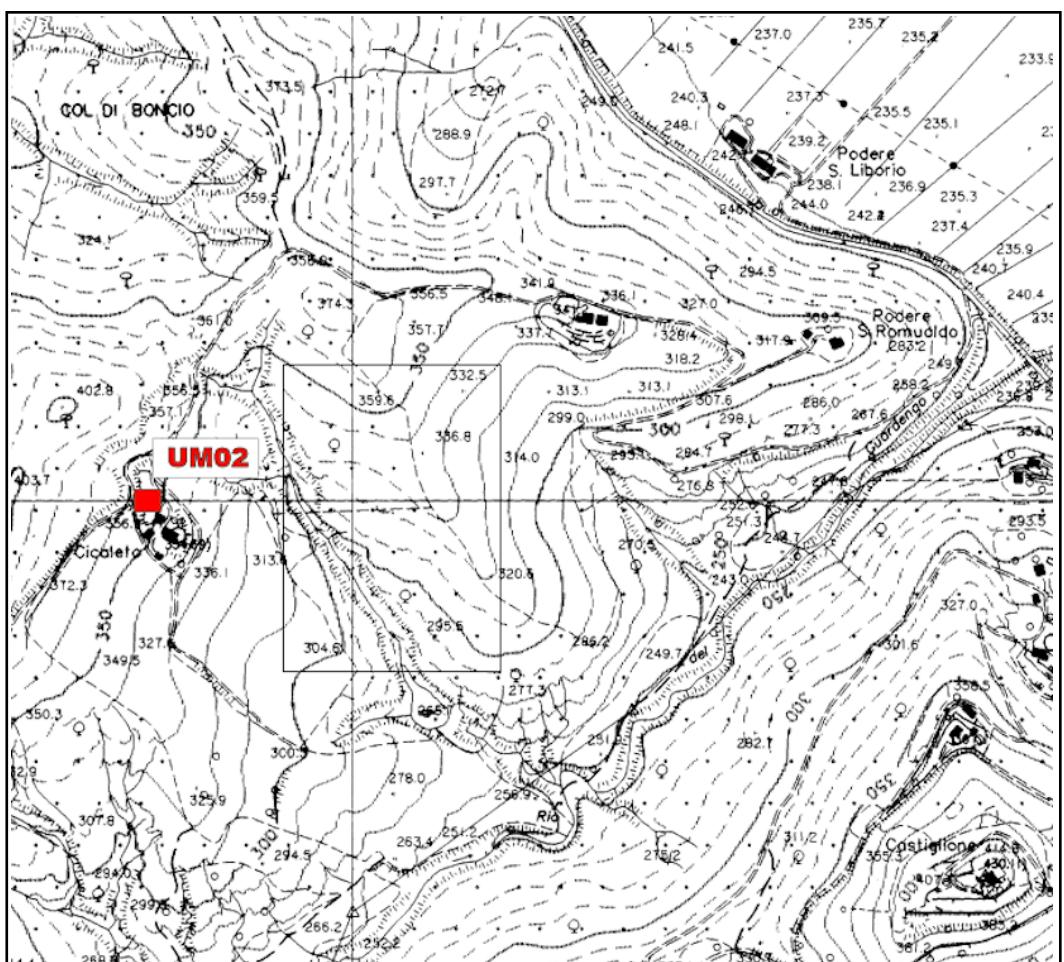
Geographical Information (2/2)

Coordinates

	Latitude	Longitude
Geographic (WGS84)	43.285653	12.334540
Elevation (m a.s.l.)	359	

Cartography

	Scale	Code
Topographic map (I.G.M.I.)	1:25.000	122 I NE
Regional technical map (C.T.R.)	Scale	Element number



Geomorphology

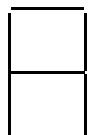
Site morphology

Plain	Valley (centre)	Valley (edge)	Alluvial fan
Saddle	X	Slope	Edge of scarp

Landslides



Not present

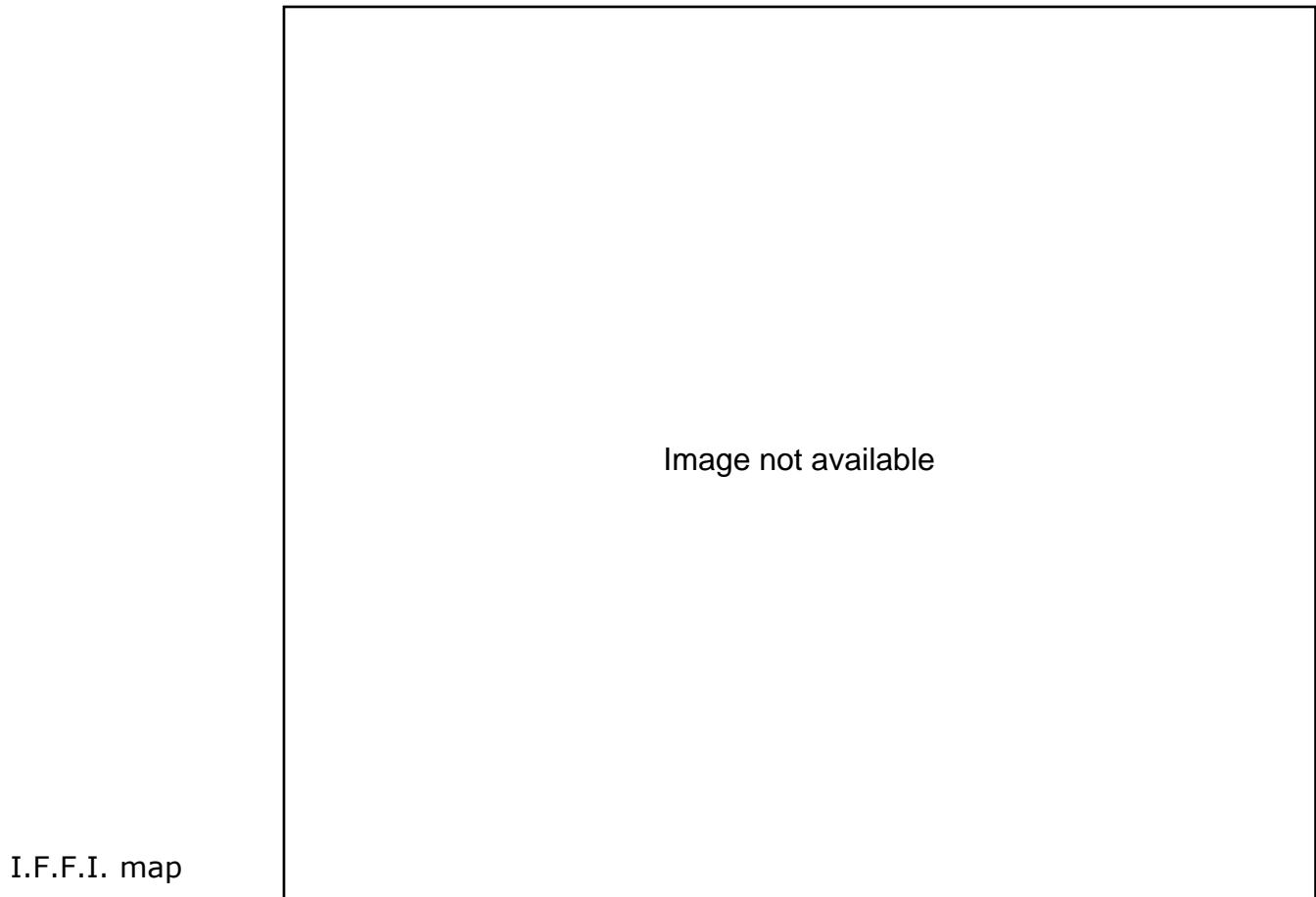


Present

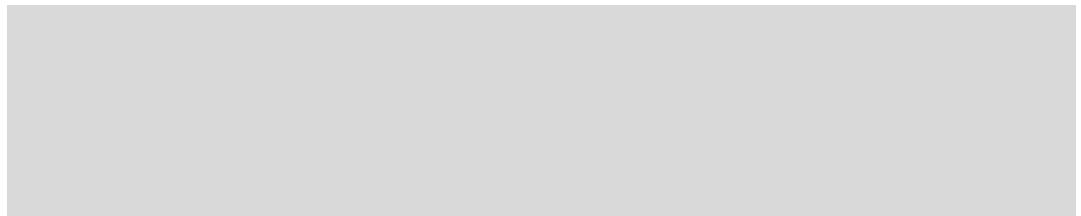
Active or quiescent

Distance (m)

Inactive or stabilized



Notes



Geology

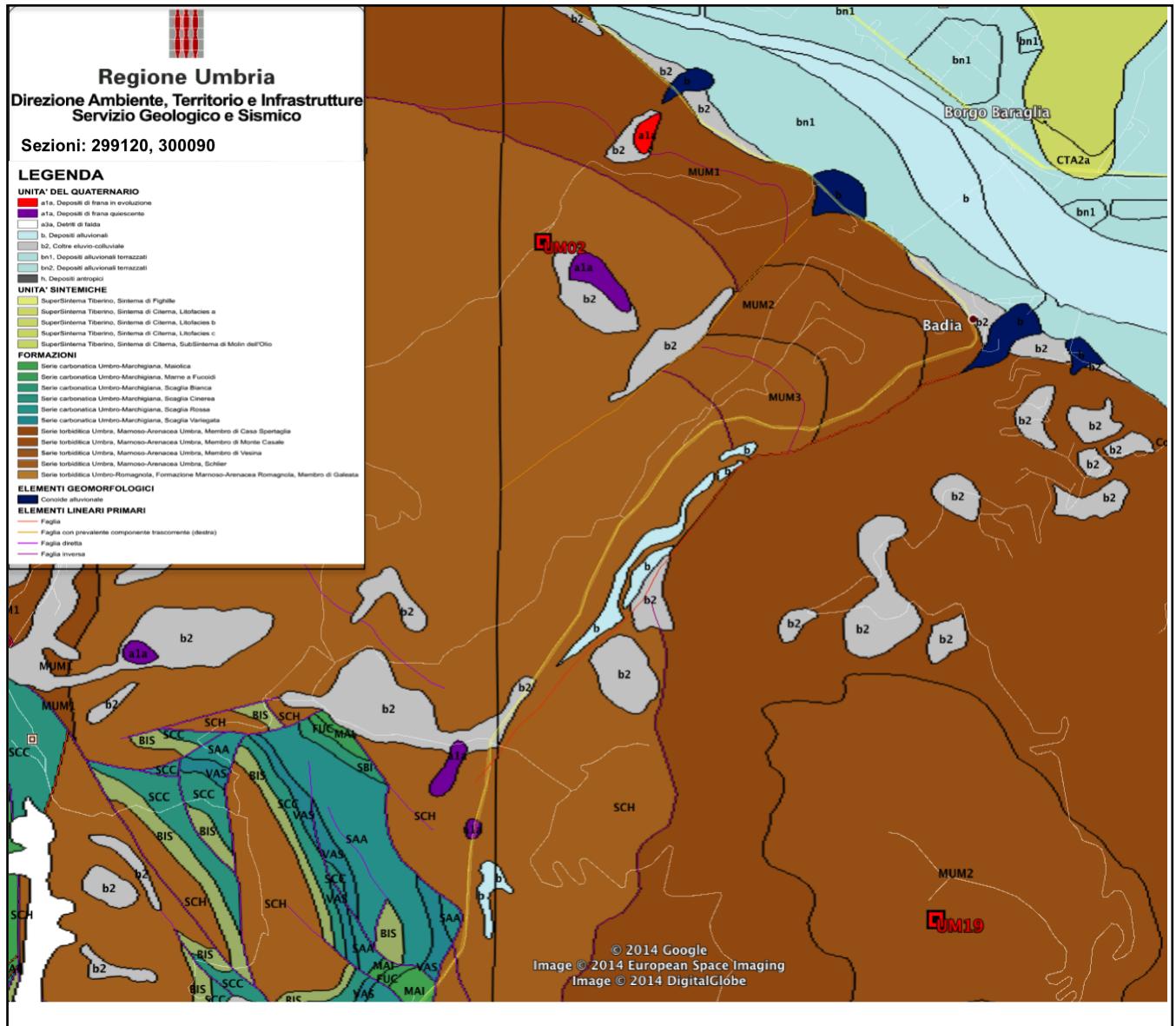
Cartography

Scale

Sheet number

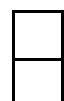
Sheet name

Geological map



Fault proximity

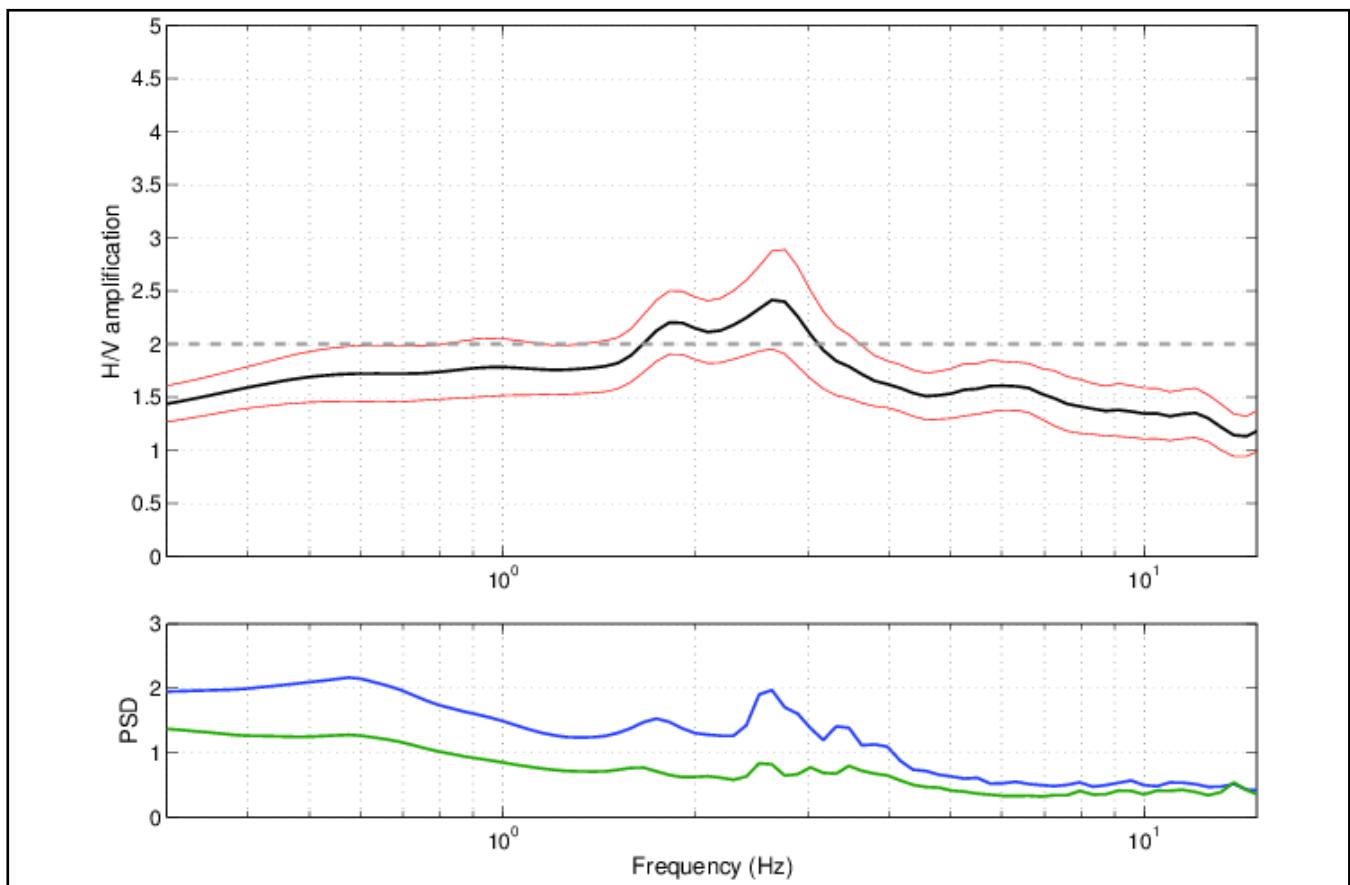
certain
supposed



(see notes for further information)

Notes

Microtremor H/V spectral ratio



f_0 (mt) (Hz)

Site classification (EC8 – NTC2008)

Lithostratigraphic classification

Estimated

Method ¹	Soil class ²	Notes
GEO	A*	

Legend	1 GEO Geological data EC Empirical correlation HV H/V spectral ratio
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Based on in-situ measurements

Method ³	V _{s30} (m/s)	Soil class ²
Legend 2 A Rock or other rock-like geological formation, including at most 5 m of weaker material at the surface ($V_{s30}>800$ m/s). B Deposits of very dense sand, gravel, or very stiff clay, at least several tens of m in thickness, characterized by a gradual increase of mechanical properties with depth ($V_{s30}=360-800$ m/s). C Deep deposits of dense or medium dense sand, gravel or stiff clay with thickness from several tens to many hundreds of m ($V_{s30}=180-360$ m/s). D Deposits of loose-to-medium cohesionless soil (with or without some soft cohesive layers), or of predominantly soft-to-firm cohesive soil ($V_{s30}<180$ m/s). E A soil profile consisting of a surface alluvium layer with V_s values of type C or D and thickness varying between about 5 m and 20 m, underlain by stiffer material with $V_s>800$ m/s.		Legend 3 CH Cross-Hole DH Down-Hole ES ESAC FK FK MW MASW NW NASW SH SH-Refraction SW SASW

Topography classification

Topography category ⁴
T2
Legend 4 T1 Flat surface, isolated slopes and cliffs with average slope angle $i\leq 15^\circ$. T2 Slopes with average slope angle $i>15^\circ$. T3 Ridges with crest width significantly less than the base width and average slope angle $15^\circ\leq i\leq 30^\circ$. T4 Ridges with crest width significantly less than the base width and average slope angle $i>30^\circ$.

Synthesis of information

Information relevant to site classification

Notes

V_{s30} (m/s)	
Average N_{SPT} to 30m	
Average c_u to 30m (kPa)	
Site class (EC8 – NTC2008)	A*
Topography category (EC8 – NTC2008)	T2

Geological, geomorphological and geomechanical information

Lithology	
Morphology	Slope
Rock mass	

Other information relevant to seismic site response

Depth to bedrock (m)	
Average V_s to bedrock (m/s)	
f_0 from H/V microtremors (Hz)	
f_0 from H/V earthquakes (Hz)	

Distinctive features of site response

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