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CITATION

Data downloaded from IPSI 1.2 must be cited as:

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and

- Montone P., Mariucci M.T., 2016. The new release of the Italian contemporary stress map, *Geophysical Journal International*, 205, 1525–1531, doi:10.1093/gji/ggw100.

The use of specific subset of data should include also the related references cited in the data tables and provided in the **References** below.

DISCLAIMER

The database IPSI provides data on the contemporary stress in Italy and it is based on the available scientific knowledge; however, due to the complex natural phenomena covered, Istituto Nazionale di Geofisica e Vulcanologia (INGV) cannot be made responsible for any incomplete or unreliable data provided or for future events that may be inferred by users on the basis of the data provided.

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CREDITS

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Italian data contribute to [World Stress Map](#)

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IPSI logo: Daniela Riposati INGV-Laboratorio Grafica e Immagini.

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LEGEND OF DATA TABLES

All stress indicators:

Id	identification code
N	number
Type	type of stress indicator (following the World Stress Map project classification; BO, borehole breakout; FMS, single focal mechanism; FMF, formal inversion of focal mechanisms; GF, faults; OC, overcoring data)
Lat	latitude N
Lon	longitude E
Sh	minimum horizontal stress orientation
SH	maximum horizontal stress orientation
Q	data quality (according to the World Stress Map Project rules)
TR	tectonic regime
Reference1_original	the main reference; the first paper with the data
Reference2_last	reference of the last update of the whole dataset; the last reference for the data
Web_date	first time on line
Update	last update

Borehole Breakout data (BO) only:

sd	standard deviation of horizontal stress orientations
BO_top	the most shallow breakout depth
BO_bottom	the deepest breakout depth
available	availability of well data at the ministry in charge (none= YES)
UNMIG_well_code	well code in the ministry database
Year	year of drilling (for available wells only)
Depth	total well depth (for available wells only)
Well_name	well name in the ministry database (for available wells only)

Single Earthquake Focal Mechanism data (FMS) only:

Download_date_from_catalog download of data from focal mechanism catalog

Date_eq earthquake date

Mw earthquake magnitude

Depth_(km) earthquake depth

strike1, dip1, rake1 strike, dip and rake of the nodal plane 1

strike2, dip2, rake2 strike, dip and rake of the nodal plane 2

Formal Inversion data (FMF) only:

Name code identifying the inversion

Region Italian region or zone where data are located

Events_num number of events used for the inversion

Year Year of earthquake occurrence

M range of magnitudes of the events used for the inversion

Depth_(km) range of depth of the events used for the inversion

Misfit value indicating the reliability of the inversion

s1_(az/dip) azimuth/dip of the main stress axe

s2_(az/dip) azimuth/dip of the intermediate stress axe

s3_(az/dip) azimuth/dip of the minor stress axe

Fault Slip data (GF) only:

Region Italian region where the fault i located

Fault_Name fault name assigned from the Authors of Reference1

Overcoring data (OC) only:

Locality zone where data are located

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