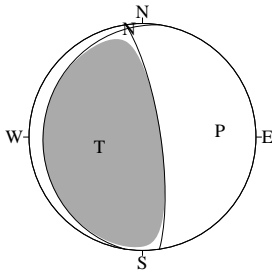


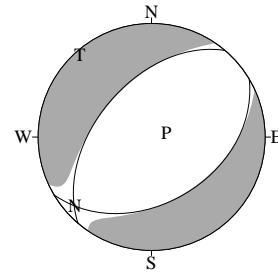
CMT SOLUTIONS FOR EARTHQUAKES IN MARCH, 2020

2020/03/04 21:46:23.5
NEAR CHICHIJIMA ISLAND
Hypo.:28°38.9'N 142°18.8'E 35km



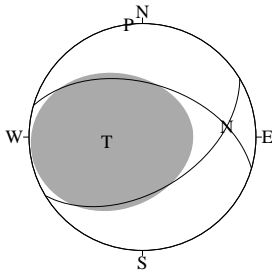
Cent.:28°37.8'N 142°29.3'E 10km $\Delta t = 0.7$
Mo: 1.39×10^{16} N·m Mw:4.7 Mj:4.7 (sec)
mrr: 0.62 mtt:-0.03 mff:-0.60
mrt:-0.21 mrf: 1.23 mtf:-0.01 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:352° 77° 86° P-axis:-1.37 85° 32°
NP2:189° 13° 106° T-axis: 1.41 257° 58°
N-axis:-0.04 353° 4°
V.R.: 64% ϵ : 0.03 N:29 COMP:53

2020/03/07 14:02: 9.0
SE OFF ETOROFU
Hypo.:44°31.1'N 148° 2.5'E 151km



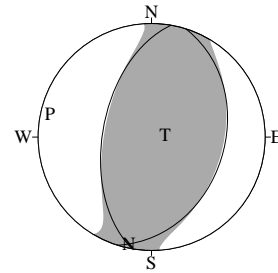
Cent.:44°31.1'N 148° 3.5'E 151km $\Delta t = 0.6$
Mo: 1.22×10^{16} N·m Mw:4.7 Mj:4.7 (sec)
mrr:-1.14 mtt: 0.68 mff: 0.46
mrt: 0.02 mrf: 0.26 mtf: 0.66 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 60° 42° -75° P-axis:-1.18 73° 79°
NP2:220° 50° -103° T-axis: 1.26 319° 4°
N-axis:-0.07 228° 10°
V.R.: 68% ϵ : 0.06 N:11 COMP:17

2020/03/09 04:28:45.8
IYONADA SETONAIKAI
Hypo.:33°19.3'N 132° 1.7'E 59km



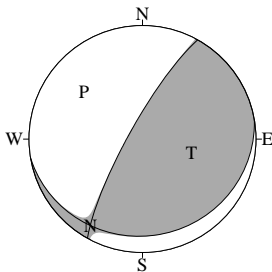
Cent.:33°14.5'N 132° 1.7'E 58km $\Delta t = 1.1$
Mo: 1.50×10^{16} N·m Mw:4.7 Mj:4.7 (sec)
mrr: 1.31 mtt:-1.25 mff:-0.06
mrt:-0.12 mrf: 0.85 mtf:-0.16 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 59° 50° 55° P-axis:-1.27 353° 0°
NP2:286° 51° 124° T-axis: 1.73 262° 64°
N-axis:-0.46 83° 26°
V.R.: 83% ϵ : 0.27 N:46 COMP:99

2020/03/13 02:18:46.7
NOTO PENINSULA REGION
Hypo.:37°16.7'N 136°49.4'E 12km



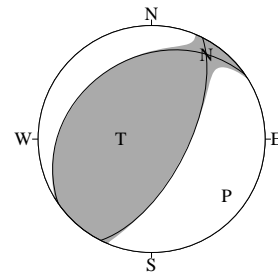
Cent.:37°15.1'N 136°49.1'E 12km $\Delta t = 6.2$
Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.5 (sec)
mrr: 0.97 mtt: 0.04 mff:-1.01
mrt:-0.02 mrf:-0.35 mtf:-0.27 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 18° 36° 97° P-axis:-1.10 283° 9°
NP2:190° 54° 85° T-axis: 1.00 80° 80°
N-axis: 0.10 192° 4°
V.R.: 78% ϵ :-0.09 N:31 COMP:68

2020/03/18 00:10:32.7
SW OFF HOKKAIDO
Hypo.:42°14.4'N 138°32.3'E 237km



Cent.:42°15.4'N 138°32.4'E 241km $\Delta t = 1.4$
Mo: 3.21×10^{16} N·m Mw:4.9 Mj:4.9 (sec)
mrr: 1.06 mtt:-0.80 mff:-0.26
mrt:-1.34 mrf:-2.63 mtf:-0.83 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 80° 16° 140° P-axis:-3.23 309° 34°
NP2:209° 80° 78° T-axis: 3.19 105° 53°
N-axis: 0.03 211° 12°
V.R.: 81% ϵ :-0.01 N:32 COMP:63

2020/03/28 09:57:51.7
S OFF URAKAWA
Hypo.:41°55.3'N 142°21.2'E 70km

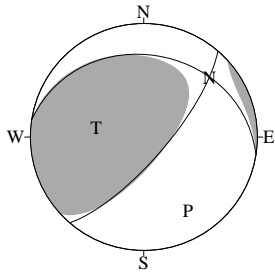


Cent.:41°58.3'N 142°21.2'E 73km $\Delta t = 2.2$
Mo: 3.75×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
mrr: 2.82 mtt:-1.14 mff:-1.68
mrt: 0.70 mrf: 2.15 mtf:-1.71 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 27° 64° 77° P-axis:-3.82 127° 18°
NP2:235° 29° 115° T-axis: 3.68 270° 68°
N-axis: 0.13 33° 12°
V.R.: 71% ϵ :-0.04 N:31 COMP:54

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

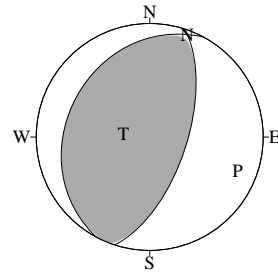
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf:Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG:Moment tensor component, azimuth and plunge of P-, T-, N-axis
V.R.:Variance Reduction, ϵ :Non-double couple component ratio, N:Number of stations, COMP:Number of components

2020/03/31 00:52:48.2
 NEAR ISHIGAKIJIMA ISLAND
 Hypo.:23°51.1'N 123°22.0'E 31km



Cent.:23°45.3'N 123°21.9'E 26km $\Delta t = 5.0$
 Mo: $1.30 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.3 Mj:5.5 (sec)
 mrr: 0.67 mtt:-0.78 mff: 0.11
 mrt: 0.51 mrf: 0.92 mtf:-0.30 ($\times 10^{17} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 41° 74° 66° P-axis:-1.20 149° 25°
 NP2:279° 28° 145° T-axis: 1.40 281° 55°
 N-axis:-0.10 48° 23°
 V.R.: 76% ϵ : 0.10 N:10 COMP:22

2020/03/31 20:23:59.9
 E OFF IBARAKI PREF
 Hypo.:36°23.4'N 141° 2.2'E 47km



Cent.:36°19.9'N 141° 3.3'E 47km $\Delta t = 0.7$
 Mo: $1.61 \times 10^{16} \text{N}\cdot\text{m}$ Mw:4.7 Mj:4.7 (sec)
 mrr: 1.30 mtt:-0.20 mff:-1.10
 mrt: 0.24 mrf: 0.93 mtf:-0.47 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 18° 63° 85° P-axis:-1.61 111° 18°
 NP2:208° 27° 99° T-axis: 1.62 278° 71°
 N-axis:-0.01 20° 4°
 V.R.: 68% ϵ : 0.01 N:17 COMP:37

EQUAL AREA PROJECTON, LOWER HEMISPHERE.