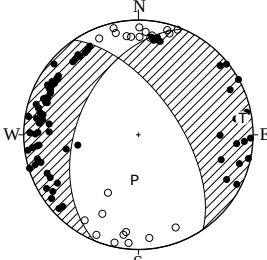


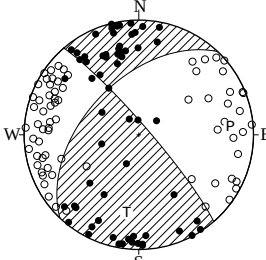
NODAL PLANE SOLUTIONS FOR EARTHQUAKES IN DECEMBER, 2012

01 DEC. 2012 00:02:17.1
HYUGANADA REGION
32°47.8'N 132°23.5'E
H: 38KM M:3.2



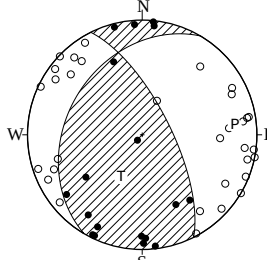
STR DIP SLIP AZM PLG
NP1 293° 45' -43° P 185° 57'
NP2 326° 61' -127° T 81° 9'
N:103 SCORE 98% N 345° 31'

01 DEC. 2012 12:00:41.5
EASTERN YAMANASHI PREF
35°33.0'N 138°56.3'E
H: 24KM M:3.1



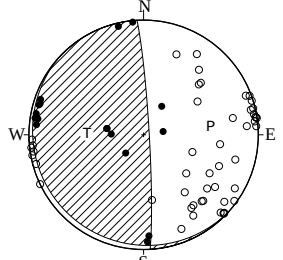
STR DIP SLIP AZM PLG
NP1 223° 51' 171° P 85° 21'
NP2 319° 83° 39° T 189° 32'
N:133 SCORE 96% N 328° 50'

02 DEC. 2012 05:20:42.8
SW SHIZUOKA PREF
34°51.1'N 137°56.0'E
H: 15KM M:2.3



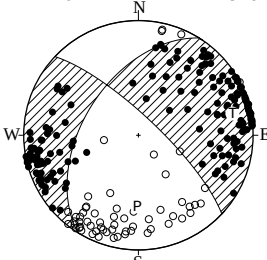
STR DIP SLIP AZM PLG
NP1 210° 34' 142° P 84° 20'
NP2 333° 70° 62° T 207° 56'
N:50 SCORE 100% N 344° 26'

02 DEC. 2012 16:00:52.4
NEAR CHOSHI CITY
35°44.2'N 140°37.3'E
H: 50KM M:3.3



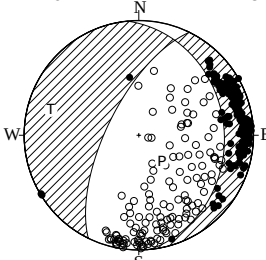
STR DIP SLIP AZM PLG
NP1 132° 6' 45° P 83° 41'
NP2 357° 86° 94° T 271° 49'
N:66 SCORE 97% N 176° 4'

02 DEC. 2012 16:29:04.2
IYONADA SETONAIKAI
33°20.2'N 131°49.0'E
H: 70KM M:3.9



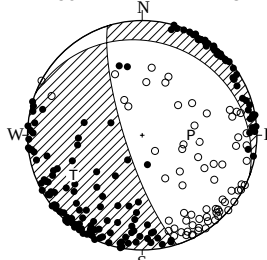
STR DIP SLIP AZM PLG
NP1 212° 50' -17° P 181° 38'
NP2 313° 77° -139° T 77° 17'
N:230 SCORE 97% N 328° 47'

03 DEC. 2012 13:57:16.0
E OFF IBARAKI PREF
36°20.5'N 140°43.6'E
H: 91KM M:4.3



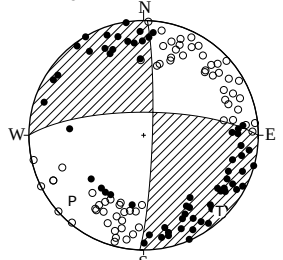
STR DIP SLIP AZM PLG
NP1 354° 26° -119° P 139° 55'
NP2 206° 67° -77° T 286° 21'
N:283 SCORE 99% N 21° 12'

03 DEC. 2012 17:46:33.4
SOUTHERN NARA PREF
34°02.7'N 135°37.6'E
H: 59KM M:3.7



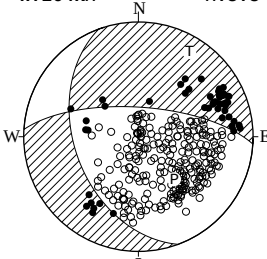
STR DIP SLIP AZM PLG
NP1 201° 19° -140° P 91° 55'
NP2 162° 78° -75° T 240° 31'
N:227 SCORE 98% N 339° 15'

04 DEC. 2012 05:31:10.8
SOUTHERN AKITA PREF
39°33.9'N 140°29.4'E
H: 9KM M:4.1



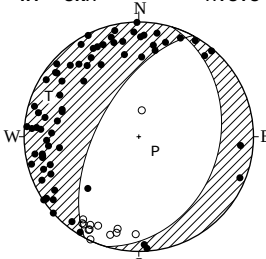
STR DIP SLIP AZM PLG
NP1 270° 74° -7° P 91° 16'
NP2 2° 84° -164° T 135° 7'
N:132 SCORE 93% N 22° 72'

04 DEC. 2012 14:39:05.3
KANAGAWA PREF
35°18.8'N 139°04.5'E
H: 164KM M:3.8



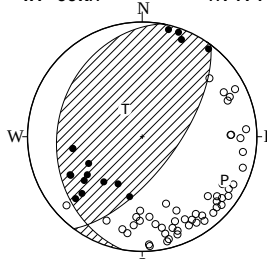
STR DIP SLIP AZM PLG
NP1 160° 43° -31° P 140° 50'
NP2 274° 69° -129° T 31° 15'
N:291 SCORE 99% N 290° 36'

05 DEC. 2012 03:24:56.6
NORTHERN IBARAKI PREF
36°49.1'N 140°34.7'E
H: 8KM M:3.3



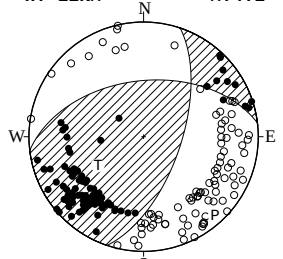
STR DIP SLIP AZM PLG
NP1 17° 30° -100° P 133° 74'
NP2 208° 60° -84° T 294° 15'
N:84 SCORE 99% N 25° 5'

05 DEC. 2012 06:52:07.0
S OFF URAKAWA
41°54.9'N 142°19.5'E
H: 69KM M:4.4



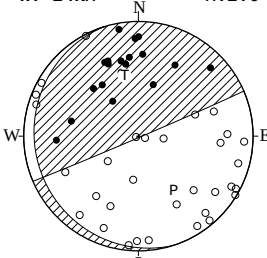
STR DIP SLIP AZM PLG
NP1 190° 27° 66° P 118° 20'
NP2 37° 66° 102° T 328° 67'
N:67 SCORE 100% N 212° 11'

05 DEC. 2012 08:02:52.5
MID NIIGATA PREF
37°14.8'N 138°56.6'E
H: 11KM M:4.1



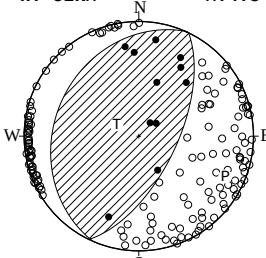
STR DIP SLIP AZM PLG
NP1 263° 50° 144° P 138° 8'
NP2 19° 63° 47° T 238° 51'
N:173 SCORE 99% N 42° 38'

05 DEC. 2012 22:56:04.5
EASTERN YAMANASHI PREF
35°30.5'N 138°57.6'E
H: 24KM M:2.0



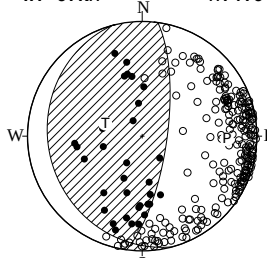
STR DIP SLIP AZM PLG
NP1 162° 10° 6° P 147° 43'
NP2 67° 89° 100° T 347° 45'
N:51 SCORE 98% N 247° 10'

06 DEC. 2012 19:17:34.6
NORTHERN IBARAKI PREF
36°25.8'N 140°41.5'E
H: 52KM M:4.3



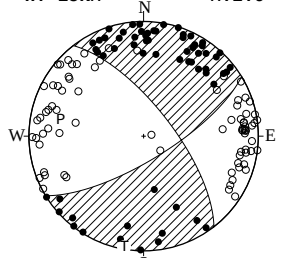
STR DIP SLIP AZM PLG
NP1 204° 27° 88° P 115° 18'
NP2 26° 63° 91° T 298° 72'
N:165 SCORE 100% N 205° 1'

07 DEC. 2012 05:32:04.3
CENTRAL CHIBA PREF
35°38.9'N 140°10.0'E
H: 67KM M:4.6



STR DIP SLIP AZM PLG
NP1 165° 19° 68° P 92° 27'
NP2 8° 72° 97° T 289° 62'
N:265 SCORE 98% N 186° 7'

10 DEC. 2012 05:47:17.7
CENTRAL SHIZUOKA PREF
35°12.0'N 137°57.0'E
H: 15KM M:2.9



STR DIP SLIP AZM PLG
NP1 322° 70° -18° P 281° 27'
NP2 59° 73° -159° T 190° 2'
N:141 SCORE 97% N 96° 63'

EQUAL AREA PROJECTION , LOWER HEMISPHERE.

AZM:AZIMUTH OF PRESSURE(P),TENSION(T),NULL(N)-AXIS , MEASURED CLOCKWISE FROM NORTH.
PLG:PLUNGE OF P,T,N-AXIS , MEASURED DOWN FROM THE HORIZONTAL PLANE.

STR:STRIKE OF NODAL PLANE (NP1,NP2), MEASURED CLOCKWISE FROM NORTH.

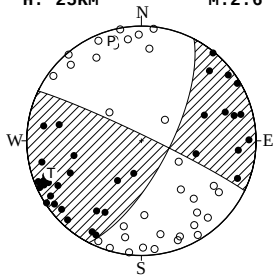
DIP:DIP OF NODAL PLANE , MEASURED DOWN FROM THE HORIZONTAL PLANE.

SLIP:SLIP DIRECTION OF THE HANGING WALL RELATIVE TO THE FOOT WALL , MEASURED COUNTERCLOCKWISE FROM THE STRIKE DIRECTION.

N:DATA NUMBER.

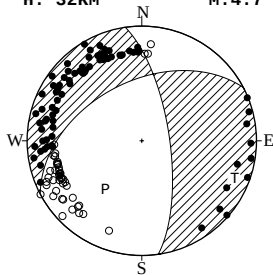
SCORE:RATIO OF THE CONSISTENT DATA NUMBER TO THE TOTAL DATA NUMBER.

10 DEC. 2012 22:04:05.6
HAMANAKO LAKE REGION
34°44.8'N 137°38.2'E
H: 25KM M:2.6



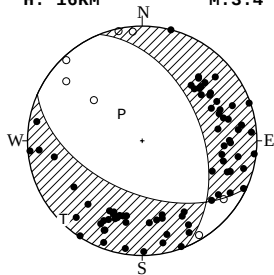
STR DIP SLIP AZM PLG
NP1 27° 70° -4° P 343° 11°
NP2 296° 86° 160° T 250° 17°
N:69 SCORE 100% N 105° 70°

12 DEC. 2012 09:19:36.3
E OFF FUKUSHIMA PREF
36°59.0'N 141°25.6'E
H: 32KM M:4.7



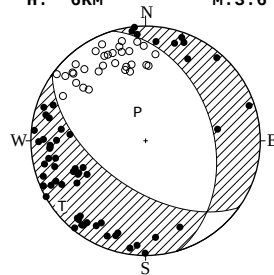
STR DIP SLIP AZM PLG
NP1 242° 47° -27° P 217° 46°
NP2 352° 70° -134° T 112° 14°
N:123 SCORE 99% N 10° 41°

12 DEC. 2012 16:41:35.3
OFF S NIIGATA PREF
37°37.1'N 138°34.7'E
H: 16KM M:3.4



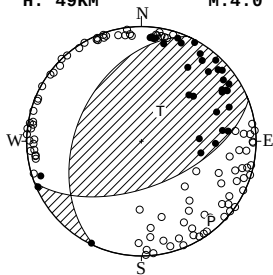
STR DIP SLIP AZM PLG
NP1 338° 47° -56° P 322° 66°
NP2 114° 53° -121° T 225° 3°
N:83 SCORE 98% N 134° 24°

12 DEC. 2012 18:23:00.7
NORTHERN IBARAKI PREF
36°42.1'N 140°37.2'E
H: 6KM M:3.6



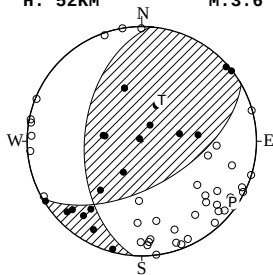
STR DIP SLIP AZM PLG
NP1 343° 41° -60° P 344° 69°
NP2 126° 56° -113° T 232° 8°
N:90 SCORE 100% N 139° 19°

13 DEC. 2012 01:02:55.7
E OFF IBARAKI PREF
36°37.7'N 140°57.4'E
H: 49KM M:4.0



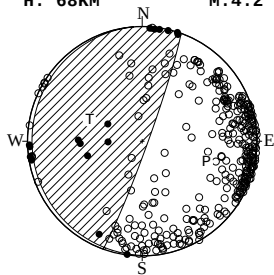
STR DIP SLIP AZM PLG
NP1 204° 42° -54° P 139° 8°
NP2 69° 57° 118° T 32° 65°
N:128 SCORE 96% N 233° 24°

13 DEC. 2012 06:15:35.6
HIDAKA MOUNTAINS REGION
42°19.3'N 143°01.2'E
H: 52KM M:3.6



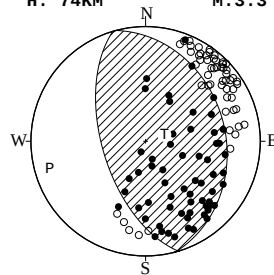
STR DIP SLIP AZM PLG
NP1 184° 49° -46° P 124° 5°
NP2 60° 57° 128° T 26° 58°
N:59 SCORE 98% N 217° 32°

13 DEC. 2012 20:56:05.9
NORTHERN CHIBA PREF
35°43.0'N 140°12.6'E
H: 68KM M:4.2



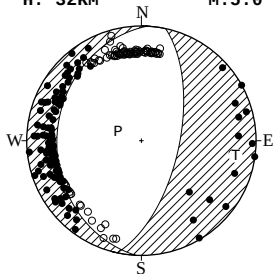
STR DIP SLIP AZM PLG
NP1 173° 4° -64° P 188° 41°
NP2 20° 86° 92° T 292° 49°
N:335 SCORE 94% N 200° 2°

14 DEC. 2012 04:07:00.7
NORTHERN MIYAGI PREF
38°50.5'N 141°35.6'E
H: 74KM M:3.3



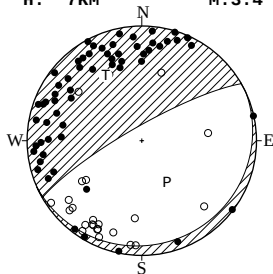
STR DIP SLIP AZM PLG
NP1 345° 31° -91° P 254° 14°
NP2 163° 59° 89° T 71° 76°
N:116 SCORE 97% N 164° 1°

15 DEC. 2012 14:46:10.3
E OFF IBARAKI PREF
36°49.3'N 141°12.5'E
H: 32KM M:5.0



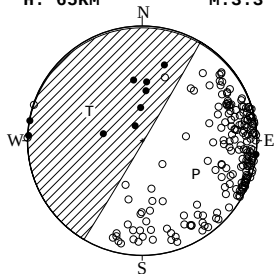
STR DIP SLIP AZM PLG
NP1 183° 27° -98° P 292° 72°
NP2 12° 63° -86° T 99° 18°
N:219 SCORE 97% N 190° 4°

16 DEC. 2012 10:19:38.5
EASTERN FUKUSHIMA PREF
37°00.1'N 140°39.9'E
H: 7KM M:3.4



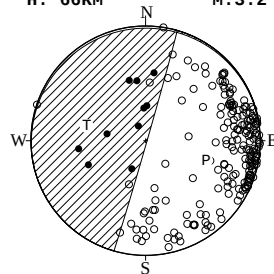
STR DIP SLIP AZM PLG
NP1 66° 10° -85° P 149° 55°
NP2 240° 80° -91° T 331° 35°
N:84 SCORE 96% N 240° 1°

16 DEC. 2012 10:40:25.0
CENTRAL CHIBA PREF
35°38.5'N 140°11.1'E
H: 65KM M:3.3



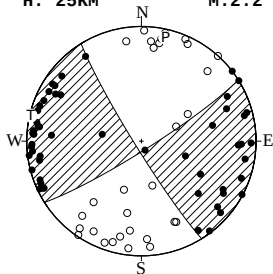
STR DIP SLIP AZM PLG
NP1 267° 2° -146° P 122° 44°
NP2 31° 89° 89° T 299° 46°
N:203 SCORE 99% N 31° 1°

16 DEC. 2012 11:17:28.6
CENTRAL CHIBA PREF
35°38.5'N 140°11.0'E
H: 66KM M:3.2



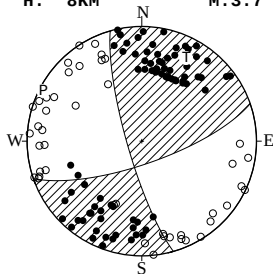
STR DIP SLIP AZM PLG
NP1 259° 2° -153° P 188° 44°
NP2 16° 89° 88° T 284° 46°
N:205 SCORE 99% N 16° 2°

17 DEC. 2012 07:13:32.2
CENTRAL SHIZUOKA PREF
34°59.5'N 138°21.8'E
H: 25KM M:2.2



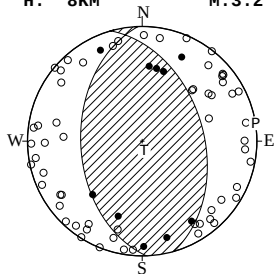
STR DIP SLIP AZM PLG
NP1 58° 84° -5° P 13° 8°
NP2 148° 85° -174° T 283° 1°
N:84 SCORE 99% N 186° 82°

17 DEC. 2012 10:31:29.8
MID FUKUSHIMA PREF
37°34.7'N 140°17.3'E
H: 8KM M:3.7



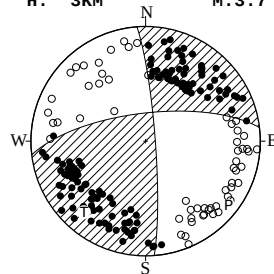
STR DIP SLIP AZM PLG
NP1 71° 74° -169° P 297° 4°
NP2 164° 80° 16° T 28° 19°
N:123 SCORE 95% N 196° 71°

17 DEC. 2012 11:32:25.9
SOUTHERN YAMAGATA PREF
37°45.4'N 139°58.7'E
H: 8KM M:3.2



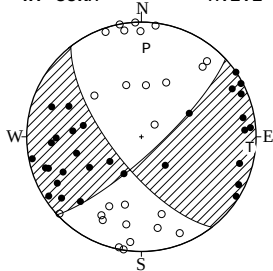
STR DIP SLIP AZM PLG
NP1 178° 45° -100° P 81° 0°
NP2 344° 45° 80° T 171° 83°
N:69 SCORE 96% N 351° 7°

17 DEC. 2012 18:48:01.4
NORTHERN TOCHIGI PREF
36°53.7'N 139°26.1'E
H: 3KM M:3.7



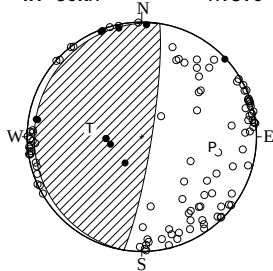
STR DIP SLIP AZM PLG
NP1 263° 70° -173° P 128° 9°
NP2 356° 83° 20° T 221° 19°
N:193 SCORE 99% N 14° 69°

18 DEC. 2012 22:58:24.4
MIKAWA BAY REGION
34°49.8'N 137°09.6'E
H: 35KM M:2.2



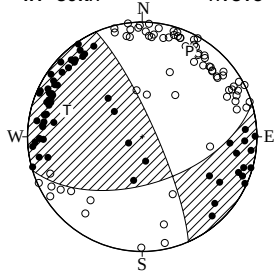
STR DIP SLIP AZM PLG
NP1 142° 69° -167° P 3° 24°
NP2 47° 78° -22° T 96° 6°
N:55 SCORE 100% N 199° 65°

19 DEC. 2012 05:31:38.4
NEAR CHOSHI CITY
35°41.8'N 140°37.7'E
H: 50KM M:3.6



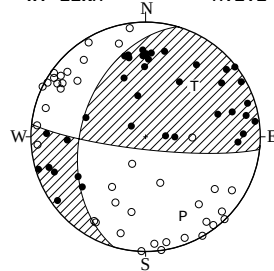
STR DIP SLIP AZM PLG
NP1 189° 7° 90° P 99° 38°
NP2 9° 83° 90° T 279° 52°
N:117 SCORE 97% N 9° 0°

19 DEC. 2012 08:57:38.4
TOKUSHIMA PREF
33°58.0'N 134°28.2'E
H: 39KM M:3.5



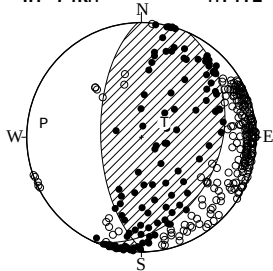
STR DIP SLIP AZM PLG
NP1 73° 56° 12° P 29° 16°
NP2 336° 80° 145° T 289° 31°
N:132 SCORE 99% N 142° 54°

20 DEC. 2012 04:57:51.7
EASTERN YAMANASHI PREF
35°30.8'N 139°01.2'E
H: 21KM M:2.2



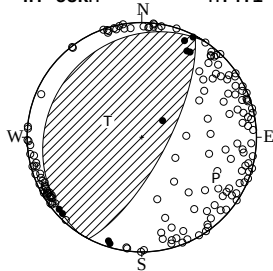
STR DIP SLIP AZM PLG
NP1 196° 43° 13° P 155° 24°
NP2 96° 81° 132° T 44° 39°
N:76 SCORE 96% N 268° 42°

20 DEC. 2012 05:16:28.0
SOUTHERN IBARAKI PREF
36°10.1'N 140°19.6'E
H: 74KM M:4.2



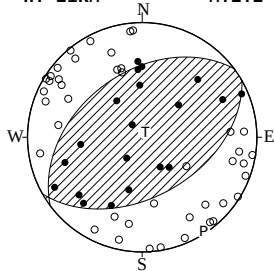
STR DIP SLIP AZM PLG
NP1 24° 32° 113° P 278° 15°
NP2 178° 61° 77° T 58° 71°
N:339 SCORE 95% N 185° 12°

21 DEC. 2012 00:31:15.2
E OFF FUKUSHIMA PREF
37°06.7'N 141°06.3'E
H: 53KM M:4.1



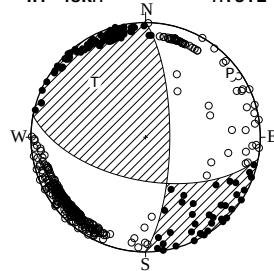
STR DIP SLIP AZM PLG
NP1 213° 18° 95° P 119° 27°
NP2 28° 72° 88° T 295° 63°
N:165 SCORE 99% N 28° 2°

21 DEC. 2012 00:40:17.6
EASTERN YAMANASHI PREF
35°26.6'N 139°01.0'E
H: 21KM M:2.2



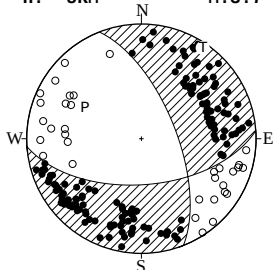
STR DIP SLIP AZM PLG
NP1 233° 43° 85° P 147° 2°
NP2 60° 47° 95° T 30° 86°
N:63 SCORE 97% N 237° 4°

21 DEC. 2012 17:07:19.6
KINKAZAN REGION
38°38.5'N 141°48.8'E
H: 48KM M:5.2



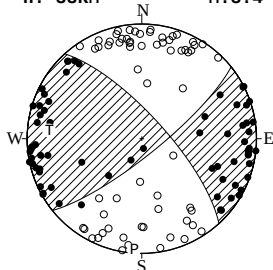
STR DIP SLIP AZM PLG
NP1 101° 59° 20° P 53° 9°
NP2 9° 73° 147° T 317° 35°
N:458 SCORE 100% N 155° 54°

21 DEC. 2012 18:52:25.5
MID NIIGATA PREF
36°49.1'N 138°41.6'E
H: 5KM M:3.7



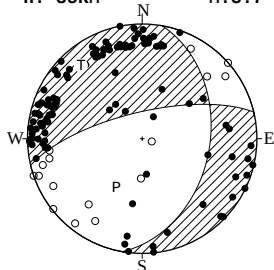
STR DIP SLIP AZM PLG
NP1 86° 57° -150° P 299° 43°
NP2 339° 65° -37° T 34° 5°
N:175 SCORE 100% N 129° 47°

22 DEC. 2012 01:19:04.2
CENTRAL SHIZUOKA PREF
34°52.9'N 138°12.4'E
H: 33KM M:3.4



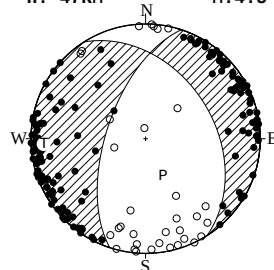
STR DIP SLIP AZM PLG
NP1 318° 74° 168° P 184° 3°
NP2 51° 78° 17° T 275° 20°
N:133 SCORE 99% N 86° 70°

22 DEC. 2012 11:36:46.7
SOUTHERN BOSO PENINSULA
35°16.6'N 140°11.5'E
H: 35KM M:3.7



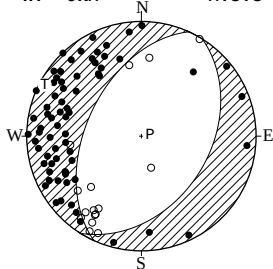
STR DIP SLIP AZM PLG
NP1 10° 41° -150° P 208° 50°
NP2 257° 71° -53° T 320° 18°
N:132 SCORE 95% N 63° 35°

22 DEC. 2012 15:15:30.3
IYONADA SETONAIKAI
33°31.1'N 132°18.0'E
H: 47KM M:4.5



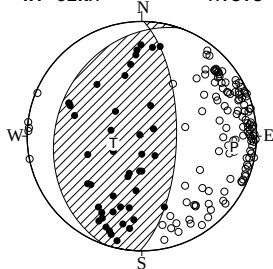
STR DIP SLIP AZM PLG
NP1 328° 40° -133° P 155° 61°
NP2 198° 62° -60° T 267° 12°
N:179 SCORE 98% N 3° 26°

23 DEC. 2012 20:58:17.3
EASTERN FUKUSHIMA PREF
37°11.6'N 140°53.3'E
H: 9KM M:3.3



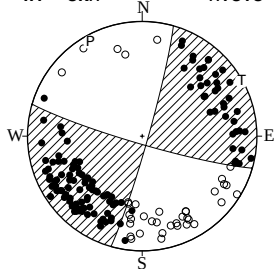
STR DIP SLIP AZM PLG
NP1 32° 40° -84° P 79° 84°
NP2 205° 50° -95° T 298° 5°
N:87 SCORE 97% N 208° 4°

24 DEC. 2012 12:13:33.1
SOUTHERN IBARAKI PREF
35°59.4'N 140°05.3'E
H: 62KM M:3.3



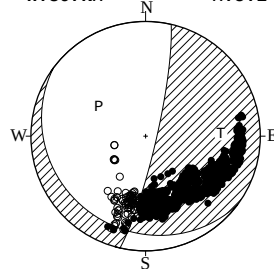
STR DIP SLIP AZM PLG
NP1 199° 26° 107° P 97° 20°
NP2 1° 65° 82° T 255° 69°
N:169 SCORE 100% N 4° 7°

24 DEC. 2012 20:26:10.9
NORTHERN NAGANO PREF
36°50.7'N 138°34.2'E
H: 3KM M:3.3



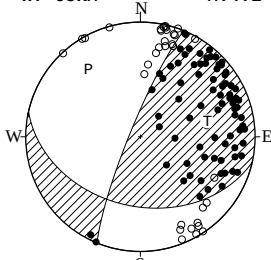
STR DIP SLIP AZM PLG
NP1 106° 84° -176° P 331° 7°
NP2 16° 86° -6° T 61° 1°
N:158 SCORE 98% N 159° 83°

26 DEC. 2012 02:08:13.7
FAR S OFF TOKAI DISTRICT
32°05.3'N 138°12.0'E
H: 397KM M:5.1



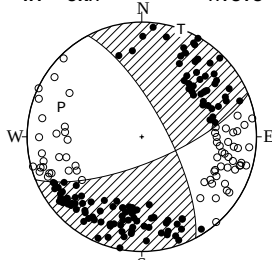
STR DIP SLIP AZM PLG
NP1 127° 19° -155° P 302° 50°
NP2 13° 82° -73° T 88° 35°
N:555 SCORE 99% N 190° 17°

26 DEC. 2012 04:59:05.6
NE OFF IWATE PREF
40°04.6'N 142°00.9'E
H: 65KM M:4.1



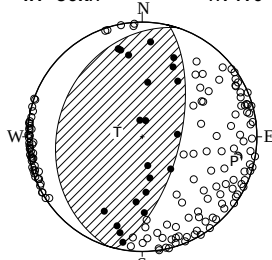
STR DIP SLIP AZM PLG
NP1 193° 39° 168° P 322° 27°
NP2 292° 82° 51° T 77° 40°
N:113 SCORE 98% N 208° 38°

26 DEC. 2012 20:44:41.3
MID NIIGATA PREF
36°48.8'N 138°41.8'E
H: 5KM M:3.8



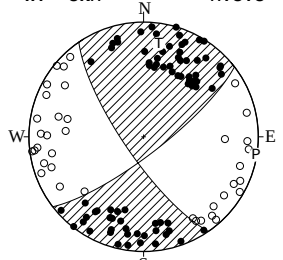
STR DIP SLIP AZM PLG
NP1 68° 71° -162° P 290° 26°
NP2 332° 73° -20° T 20° 1°
N:187 SCORE 99% N 112° 64°

28 DEC. 2012 16:30:00.6
NORTHERN IBARAKI PREF
36°27.2'N 140°36.2'E
H: 56KM M:4.0



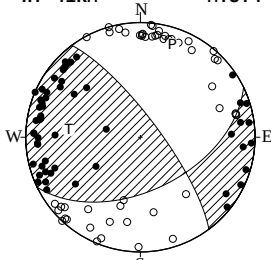
STR DIP SLIP AZM PLG
NP1 198° 27° 94° P 185° 18°
NP2 14° 63° 88° T 279° 72°
N:171 SCORE 100% N 14° 2°

28 DEC. 2012 20:31:32.0
MID FUKUSHIMA PREF
37°43.7'N 140°00.8'E
H: 8KM M:3.3



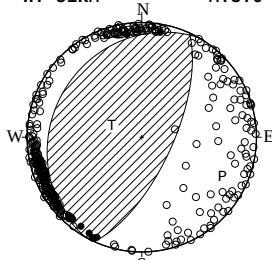
STR DIP SLIP AZM PLG
NP1 146° 76° 13° P 99° 1°
NP2 52° 77° 166° T 9° 19°
N:120 SCORE 100% N 192° 71°

29 DEC. 2012 14:18:51.2
BUNGO CHANNEL
33°05.3'N 132°23.2'E
H: 41KM M:3.4



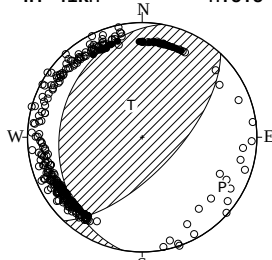
STR DIP SLIP AZM PLG
NP1 64° 51° 17° P 19° 16°
NP2 323° 77° 140° T 276° 37°
N:104 SCORE 98% N 128° 48°

29 DEC. 2012 16:19:32.5
E OFF FUKUSHIMA PREF
37°04.0'N 141°10.9'E
H: 51KM M:5.0



STR DIP SLIP AZM PLG
NP1 210° 22° 95° P 116° 23°
NP2 25° 68° 88° T 291° 67°
N:368 SCORE 99% N 25° 2°

29 DEC. 2012 23:59:36.6
E OFF MIYAGI PREF
38°43.0'N 142°11.7'E
H: 41KM M:5.5



STR DIP SLIP AZM PLG
NP1 190° 29° 60° P 122° 19°
NP2 43° 66° 185° T 340° 66°
N:351 SCORE 94% N 217° 14°