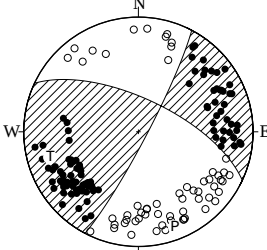


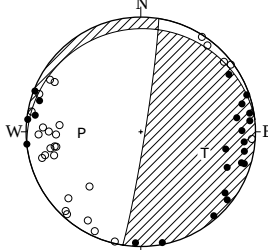
NODAL PLANE SOLUTIONS FOR EARTHQUAKES IN DECEMBER, 2013

01 DEC. 2013 08:47:50.8
MID NIIGATA PREF
37°12.8'N 139°05.5'E
H: 0KM M:3.5



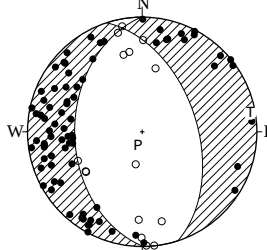
STR DIP SLIP AZM PLG
NP1 295° 66° 173° P 159° 12°
NP2 28° 84° 24° T 254° 21°
N:156 SCORE 100% N 41° 65°

01 DEC. 2013 08:55:56.7
S PART OF KII CHANNEL
33°45.5'N 134°55.2'E
H: 16KM M:3.3



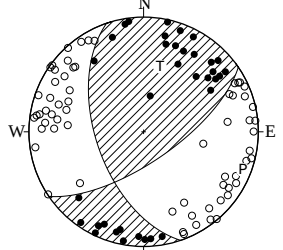
STR DIP SLIP AZM PLG
NP1 263° 11° -16° P 268° 47°
NP2 9° 87° -101° T 109° 41°
N:50 SCORE 94% N 10° 11°

01 DEC. 2013 22:35:19.6
NORTHERN IBARAKI PREF
36°45.8'N 140°34.0'E
H: 9KM M:3.5



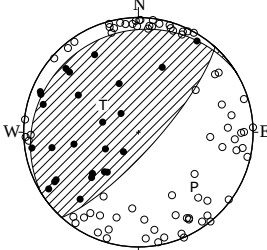
STR DIP SLIP AZM PLG
NP1 180° 41° -76° P 198° 80°
NP2 342° 50° -101° T 80° 5°
N:94 SCORE 98% N 349° 9°

01 DEC. 2013 23:23:03.3
KYOTO OSAKA BORDER REG
34°54.6'N 135°34.8'E
H: 12KM M:3.1



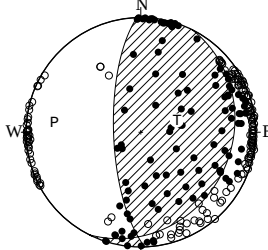
STR DIP SLIP AZM PLG
NP1 161° 56° 26° P 111° 8°
NP2 56° 69° 143° T 14° 41°
N:99 SCORE 100% N 210° 48°

02 DEC. 2013 01:18:40.8
SW IBARAKI PREF
36°01.6'N 139°54.5'E
H: 44KM M:3.2



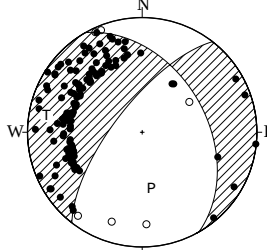
STR DIP SLIP AZM PLG
NP1 238° 14° 106° P 135° 32°
NP2 42° 77° 86° T 307° 58°
N:101 SCORE 98% N 43° 4°

03 DEC. 2013 06:26:39.7
NORTHERN IBARAKI PREF
36°15.6'N 140°25.9'E
H: 63KM M:4.1



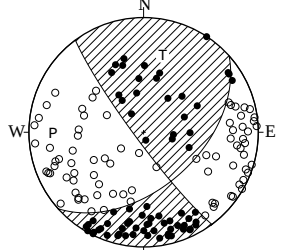
STR DIP SLIP AZM PLG
NP1 27° 22° 117° P 276° 25°
NP2 178° 71° 80° T 72° 63°
N:265 SCORE 89% N 181° 10°

03 DEC. 2013 15:58:14.8
NEAR CHOSHI CITY
35°46.8'N 140°54.7'E
H: 12KM M:4.5



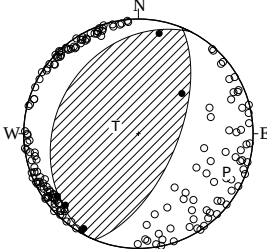
STR DIP SLIP AZM PLG
NP1 330° 43° -150° P 171° 49°
NP2 218° 70° -51° T 280° 16°
N:138 SCORE 99% N 22° 37°

03 DEC. 2013 16:56:39.5
NE WAKAYAMA PREF
34°05.2'N 135°33.2'E
H: 65KM M:3.2



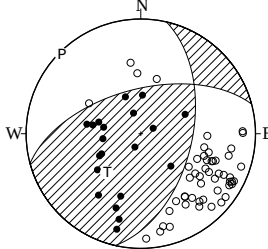
STR DIP SLIP AZM PLG
NP1 48° 50° 172° P 269° 22°
NP2 143° 84° 40° T 14° 32°
N:151 SCORE 99% N 151° 49°

04 DEC. 2013 04:55:50.9
KINKAZAN REGION
38°37.0'N 141°54.0'E
H: 49KM M:4.2



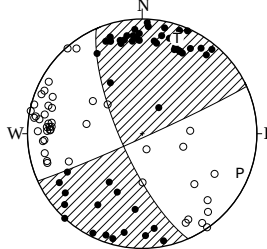
STR DIP SLIP AZM PLG
NP1 207° 28° 94° P 114° 17°
NP2 22° 62° 88° T 287° 73°
N:179 SCORE 99% N 23° 2°

07 DEC. 2013 09:57:50.9
TOKYO BAY REGION
35°14.9'N 139°48.2'E
H: 71KM M:2.7



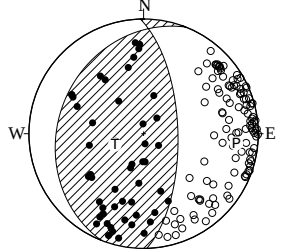
STR DIP SLIP AZM PLG
NP1 13° 53° 41° P 315° 3°
NP2 255° 58° 135° T 221° 53°
N:71 SCORE 100% N 47° 37°

07 DEC. 2013 10:35:28.5
SOUTHERN WAKAYAMA PREF
33°38.6'N 135°36.7'E
H: 33KM M:3.5



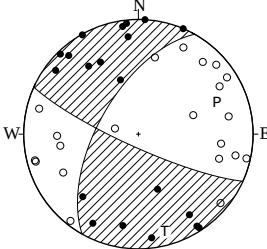
STR DIP SLIP AZM PLG
NP1 156° 74° 3° P 112° 9°
NP2 66° 87° 164° T 20° 13°
N:97 SCORE 100% N 236° 74°

07 DEC. 2013 23:48:35.6
SOUTHERN IBARAKI PREF
36°02.4'N 140°06.0'E
H: 61KM M:3.3



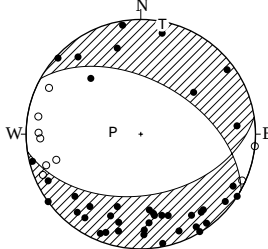
STR DIP SLIP AZM PLG
NP1 202° 26° 111° P 96° 20°
NP2 358° 66° 80° T 249° 68°
N:165 SCORE 100% N 3° 9°

09 DEC. 2013 02:34:00.4
NE AICHI PREF
35°11.6'N 137°40.5'E
H: 17KM M:1.9



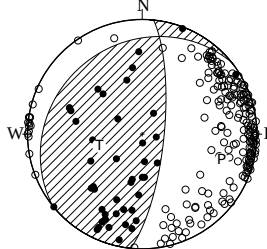
STR DIP SLIP AZM PLG
NP1 209° 61° -169° P 68° 27°
NP2 114° 81° -29° T 165° 13°
N:41 SCORE 98% N 278° 60°

09 DEC. 2013 06:27:57.1
NORTHERN IWATE PREF
40°18.7'N 141°15.3'E
H: 9KM M:3.0



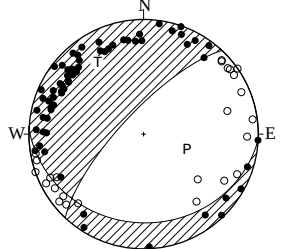
STR DIP SLIP AZM PLG
NP1 81° 46° -118° P 273° 70°
NP2 299° 51° -64° T 11° 3°
N:50 SCORE 96% N 102° 20°

09 DEC. 2013 13:20:22.5
SOUTHERN IBARAKI PREF
35°55.6'N 140°06.4'E
H: 62KM M:3.6



STR DIP SLIP AZM PLG
NP1 231° 22° 134° P 108° 28°
NP2 6° 74° 75° T 255° 58°
N:244 SCORE 100% N 10° 15°

09 DEC. 2013 18:59:00.6
HYUGANADA REGION
32°36.9'N 132°09.7'E
H: 33KM M:3.8



STR DIP SLIP AZM PLG
NP1 93° 23° -43° P 110° 57°
NP2 223° 74° -108° T 327° 27°
N:91 SCORE 98% N 228° 17°

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.

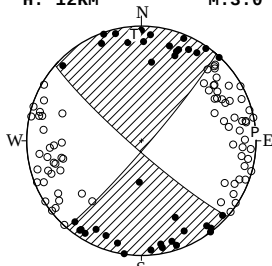
DIP:DIP OF NODAL PLANE , MEASURED DOWN FROM THE HORIZONTAL PLANE.

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

N:DATA NUMBER.

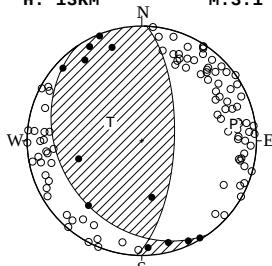
SCORE:RATIO OF THE CONSISTENT DATA NUMBER TO THE TOTAL DATA NUMBER.

10 DEC. 2013 16:11:07.5
SW Gifu PREF
35°21.4'N 136°52.3'E
H: 12KM M:3.0



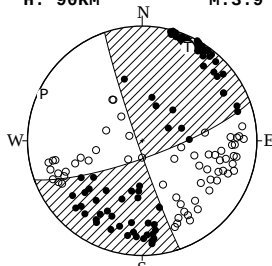
STR DIP SLIP AZM PLG
NP1 131° 84° 5° P 86° 1°
NP2 41° 85° 174° T 356° 8°
N:115 SCORE 99% N 183° 82°

11 DEC. 2013 13:21:27.9
CENTRAL AICHI PREF
35°11.2'N 136°43.1'E
H: 13KM M:3.1



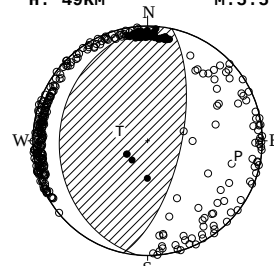
STR DIP SLIP AZM PLG
NP1 145° 28° 56° P 80° 20°
NP2 2° 67° 187° T 300° 64°
N:108 SCORE 100% N 176° 15°

12 DEC. 2013 23:08:42.9
HIDAKA MOUNTAINS REGION
42°43.1'N 142°52.8'E
H: 90KM M:3.9



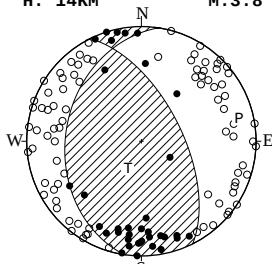
STR DIP SLIP AZM PLG
NP1 70° 78° 176° P 295° 6°
NP2 161° 86° 12° T 26° 11°
N:150 SCORE 99% N 177° 77°

14 DEC. 2013 13:06:15.0
NEAR CHOSHI CITY
35°38.5'N 140°43.8'E
H: 49KM M:5.5



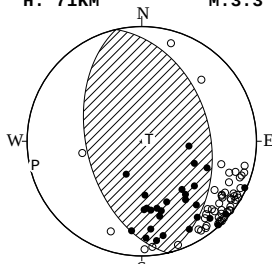
STR DIP SLIP AZM PLG
NP1 185° 24° 83° P 100° 21°
NP2 12° 66° 93° T 288° 69°
N:344 SCORE 100% N 191° 3°

15 DEC. 2013 00:13:52.4
KYOTO OSAKA BORDER REG
34°44.3'N 135°45.4'E
H: 14KM M:3.8



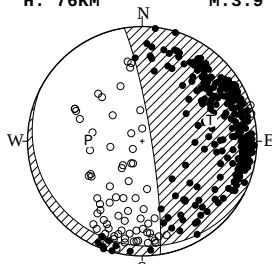
STR DIP SLIP AZM PLG
NP1 189° 34° 120° P 77° 14°
NP2 333° 61° 71° T 206° 68°
N:122 SCORE 98% N 343° 16°

15 DEC. 2013 08:20:08.1
SE OFF BOSO PENINSULA
34°33.5'N 140°21.9'E
H: 71KM M:3.3



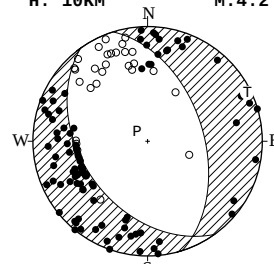
STR DIP SLIP AZM PLG
NP1 347° 40° 90° P 257° 5°
NP2 167° 50° 90° T 77° 85°
N:78 SCORE 95% N 167° 0°

16 DEC. 2013 00:54:13.7
SOUTHERN IBARAKI PREF
36°02.5'N 140°00.1'E
H: 76KM M:3.9



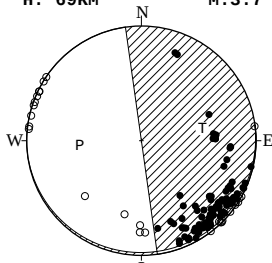
STR DIP SLIP AZM PLG
NP1 117° 11° -143° P 271° 51°
NP2 351° 83° -81° T 73° 38°
N:320 SCORE 99% N 170° 9°

16 DEC. 2013 04:34:05.3
NORTHERN IBARAKI PREF
36°40.5'N 140°36.5'E
H: 10KM M:4.2



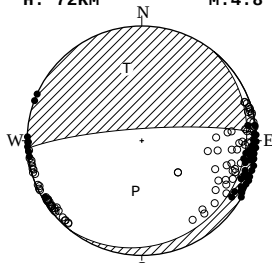
STR DIP SLIP AZM PLG
NP1 144° 42° -104° P 310° 88°
NP2 342° 50° -78° T 64° 4°
N:125 SCORE 95% N 155° 9°

16 DEC. 2013 06:20:41.7
FAR S OFF BOSO PENINSULA
34°07.7'N 140°19.0'E
H: 69KM M:3.7



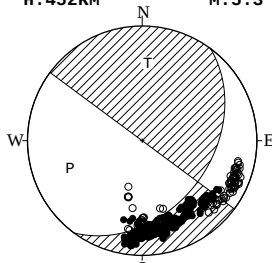
STR DIP SLIP AZM PLG
NP1 82° 3° 177° P 265° 45°
NP2 172° 90° 90° T 79° 45°
N:122 SCORE 98% N 172° 3°

18 DEC. 2013 02:13:49.5
OFF NEMURO PENINSULA
43°07.0'N 146°07.8'E
H: 72KM M:4.8



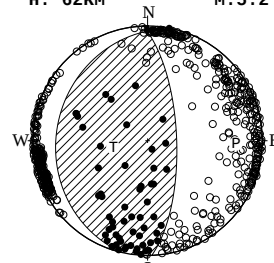
STR DIP SLIP AZM PLG
NP1 39° 13° -137° P 187° 53°
NP2 266° 81° -81° T 348° 36°
N:131 SCORE 95% N 85° 9°

18 DEC. 2013 21:54:36.1
NEAR TORISHIMA IS
30°10.7'N 138°57.1'E
H: 452KM M:5.3



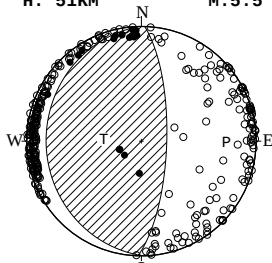
STR DIP SLIP AZM PLG
NP1 37° 40° 180° P 249° 33°
NP2 127° 90° 50° T 4° 33°
N:299 SCORE 95% N 126° 40°

21 DEC. 2013 01:10:46.4
SOUTHERN IBARAKI PREF
35°55.7'N 140°08.2'E
H: 62KM M:5.2



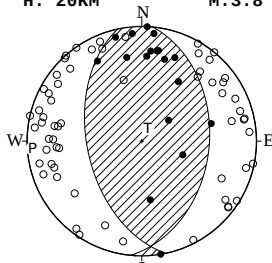
STR DIP SLIP AZM PLG
NP1 193° 21° 104° P 92° 24°
NP2 358° 69° 85° T 259° 65°
N:585 SCORE 98% N 360° 5°

21 DEC. 2013 10:34:14.3
NEAR CHOSHI CITY
35°39.8'N 140°43.1'E
H: 51KM M:5.5



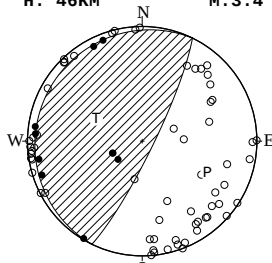
STR DIP SLIP AZM PLG
NP1 179° 18° 87° P 91° 27°
NP2 2° 72° 91° T 273° 63°
N:324 SCORE 99% N 181° 1°

21 DEC. 2013 23:45:20.0
HIDAKA REGION
42°45.0'N 142°28.9'E
H: 20KM M:3.8



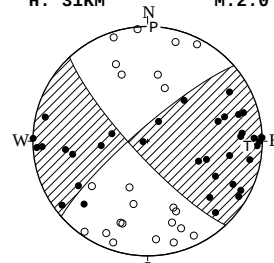
STR DIP SLIP AZM PLG
NP1 6° 41° 104° P 266° 5°
NP2 168° 50° 79° T 24° 80°
N:79 SCORE 96% N 175° 9°

22 DEC. 2013 09:22:44.9
NEAR CHOSHI CITY
35°39.1'N 140°41.2'E
H: 46KM M:3.4



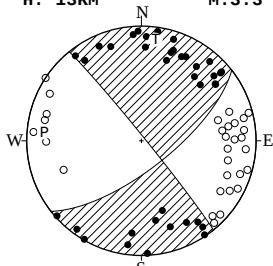
STR DIP SLIP AZM PLG
NP1 206° 8° 90° P 116° 37°
NP2 26° 82° 90° T 296° 53°
N:72 SCORE 96% N 26° 0°

23 DEC. 2013 04:04:28.8
CENTRAL SHIZUOKA PREF
34°56.3'N 138°03.5'E
H: 31KM M:2.0



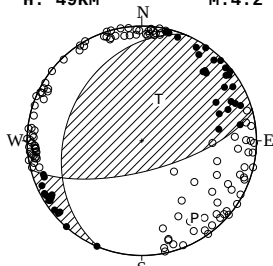
STR DIP SLIP AZM PLG
NP1 137° 79° 171° P 3° 1°
NP2 229° 81° 11° T 93° 14°
N:59 SCORE 98% N 269° 76°

24 DEC. 2013 12:03:26.0
W OFF AMAKUSA ISLAND
32°27.9'N 129°50.0'E
H: 13KM M:3.3



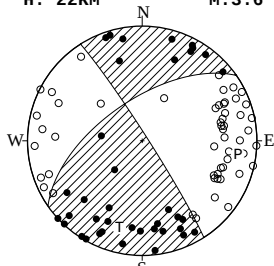
STR DIP SLIP AZM PLG
NP1 52° 70° -177° P 275° 16°
NP2 321° 87° -20° T 8° 12°
N:67 SCORE 100% N 133° 70°

25 DEC. 2013 07:41:58.2
E OFF IBARAKI PREF
36°52.1'N 141°10.5'E
H: 49KM M:4.2



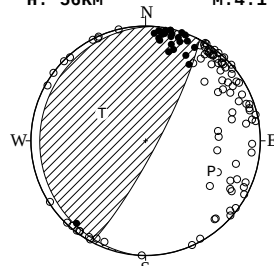
STR DIP SLIP AZM PLG
NP1 202° 34° 42° P 146° 19°
NP2 75° 68° 117° T 22° 58°
N:154 SCORE 97% N 245° 25°

25 DEC. 2013 16:01:25.8
WESTERN HIROSHIMA PREF
34°40.6'N 132°17.9'E
H: 22KM M:3.6



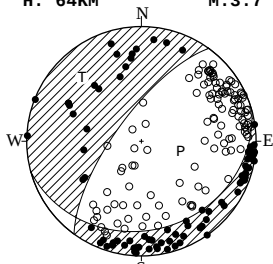
STR DIP SLIP AZM PLG
NP1 235° 61° 175° P 98° 17°
NP2 327° 86° 29° T 195° 23°
N:91 SCORE 99% N 335° 61°

26 DEC. 2013 03:43:22.1
E OFF AOMORI PREF
41°02.2'N 142°02.5'E
H: 56KM M:4.1



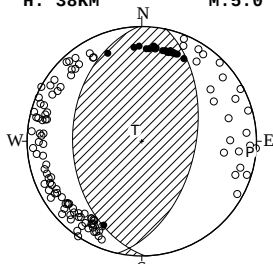
STR DIP SLIP AZM PLG
NP1 185° 9° 67° P 115° 37°
NP2 28° 82° 93° T 302° 53°
N:118 SCORE 100% N 208° 3°

27 DEC. 2013 10:32:34.6
SW IBARAKI PREF
36°03.3'N 140°02.1'E
H: 64KM M:3.7



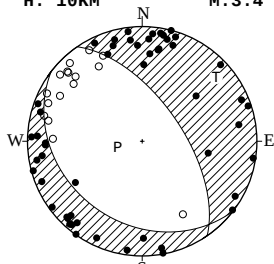
STR DIP SLIP AZM PLG
NP1 74° 23° -54° P 195° 61°
NP2 216° 71° -184° T 317° 25°
N:204 SCORE 99% N 221° 13°

27 DEC. 2013 19:31:18.1
NE OFF IWATE PREF
40°12.7'N 142°19.6'E
H: 38KM M:5.0



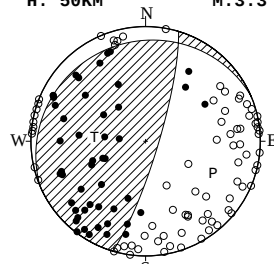
STR DIP SLIP AZM PLG
NP1 178° 40° 79° P 96° 6°
NP2 12° 51° 99° T 326° 81°
N:129 SCORE 99% N 187° 7°

28 DEC. 2013 21:43:05.9
NORTHERN IBARAKI PREF
36°40.5'N 140°39.4'E
H: 10KM M:3.4



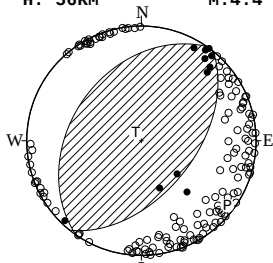
STR DIP SLIP AZM PLG
NP1 127° 30° -106° P 256° 72°
NP2 325° 62° -81° T 49° 16°
N:68 SCORE 99% N 141° 8°

29 DEC. 2013 04:18:00.3
SW IBARAKI PREF
36°07.4'N 139°49.6'E
H: 50KM M:3.3



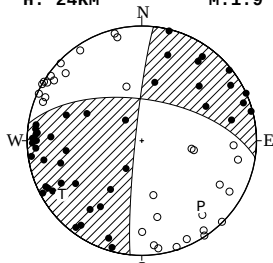
STR DIP SLIP AZM PLG
NP1 247° 14° 139° P 116° 35°
NP2 17° 81° 79° T 274° 53°
N:125 SCORE 96% N 18° 11°

29 DEC. 2013 10:22:16.5
E OFF MIYAGI PREF
38°06.7'N 141°44.2'E
H: 56KM M:4.4



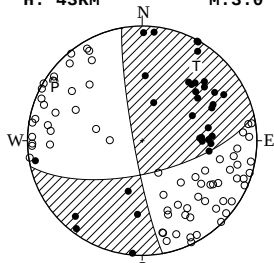
STR DIP SLIP AZM PLG
NP1 215° 38° 87° P 127° 7°
NP2 39° 52° 92° T 323° 83°
N:162 SCORE 99% N 217° 2°

29 DEC. 2013 21:03:26.8
AKAISHI MOUNTAINS REG
35°16.8'N 138°22.3'E
H: 24KM M:1.9



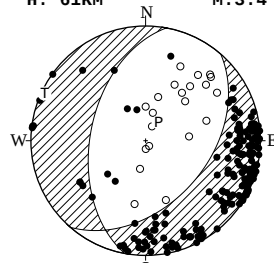
STR DIP SLIP AZM PLG
NP1 279° 60° -175° P 138° 24°
NP2 186° 85° -30° T 236° 17°
N:74 SCORE 100% N 358° 60°

30 DEC. 2013 14:43:04.9
SAGAMI BAY REGION
35°15.8'N 139°26.3'E
H: 43KM M:3.0



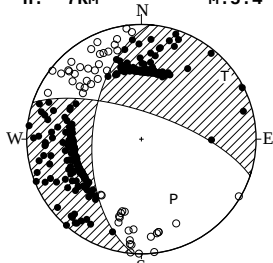
STR DIP SLIP AZM PLG
NP1 77° 66° 173° P 301° 12°
NP2 170° 84° 24° T 36° 21°
N:103 SCORE 99% N 183° 65°

30 DEC. 2013 20:15:25.6
SOUTHERN BOSO PENINSULA
35°22.3'N 140°11.9'E
H: 61KM M:3.4



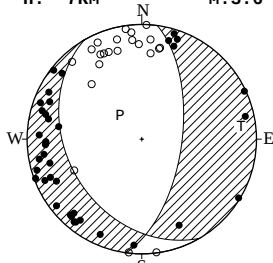
STR DIP SLIP AZM PLG
NP1 41° 44° -67° P 35° 74°
NP2 190° 50° -111° T 295° 3°
N:197 SCORE 97% N 204° 16°

31 DEC. 2013 10:03:00.1
NORTHERN IBARAKI PREF
36°41.4'N 140°37.7'E
H: 7KM M:5.4



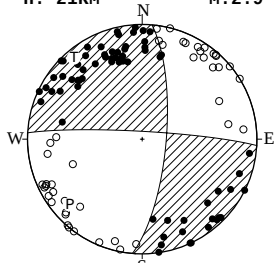
STR DIP SLIP AZM PLG
NP1 184° 55° -24° P 152° 40°
NP2 289° 71° -142° T 53° 10°
N:299 SCORE 100% N 312° 48°

31 DEC. 2013 10:11:38.1
NORTHERN IBARAKI PREF
36°40.9'N 140°38.1'E
H: 7KM M:3.6



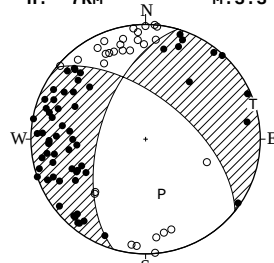
STR DIP SLIP AZM PLG
NP1 150° 35° -123° P 317° 67°
NP2 8° 61° -70° T 83° 14°
N:60 SCORE 100% N 178° 18°

31 DEC. 2013 11:55:38.0
SOUTHERN SURUGA BAY REG
34°43.6'N 138°31.9'E
H: 21KM M:2.9



STR DIP SLIP AZM PLG
NP1 5° 73° -174° P 228° 16°
NP2 273° 84° -17° T 320° 8°
N:112 SCORE 100% N 76° 72°

31 DEC. 2013 17:18:17.7
NORTHERN IBARAKI PREF
36°40.2'N 140°37.1'E
H: 7KM M:3.3



STR DIP SLIP AZM PLG
NP1 196° 57° -37° P 164° 48°
NP2 309° 60° -141° T 72° 2°
N:90 SCORE 100% N 340° 42°