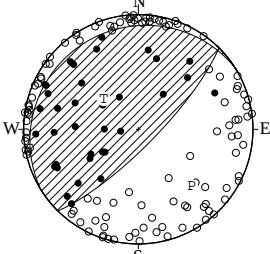


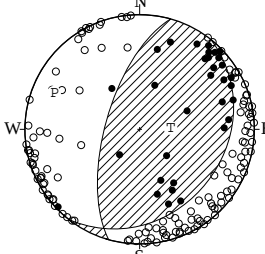
# NODAL PLANE SOLUTIONS FOR EARTHQUAKES IN DECEMBER, 2023

01 DEC. 2023 11:14:39.8  
SW IBARAKI PREF  
36°06.1'N 139°53.2'E  
H: 48KM M:3.9



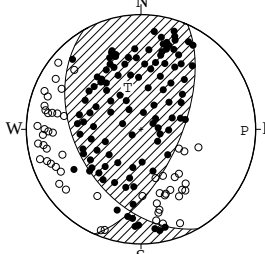
STR DIP SLIP AZM PLG  
NP1 238° 12' 103° P 137° 33'  
NP2 45° 78° 87° T 311° 57'  
N:149 SCORE 99% N 45° 3'

01 DEC. 2023 12:52:13.5  
SE OFF MIYAGI PREF  
37°57.3'N 141°45.1'E  
H: 57KM M:4.5



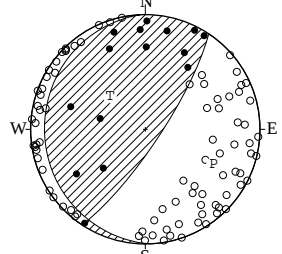
STR DIP SLIP AZM PLG  
NP1 38° 26' 110° P 293° 20'  
NP2 196° 66° 80° T 87° 68'  
N:170 SCORE 97% N 200° 9'

02 DEC. 2023 09:35:37.3  
NORTHERN IWATE PREF  
39°40.7'N 140°49.4'E  
H:109KM M:3.7



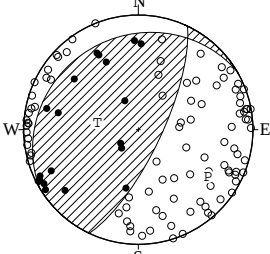
STR DIP SLIP AZM PLG  
NP1 150° 42' 45° P 91° 11'  
NP2 24° 62° 123° T 342° 59'  
N:165 SCORE 97% N 187° 29'

02 DEC. 2023 17:36:45.2  
KINKAZAN REGION  
38°38.5'N 141°54.2'E  
H: 47KM M:3.6



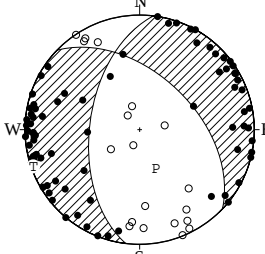
STR DIP SLIP AZM PLG  
NP1 177° 13' 55° P 117° 34'  
NP2 34° 79° 98° T 313° 55'  
N:102 SCORE 100% N 212° 8'

04 DEC. 2023 00:45:13.3  
NORTHERN IBARAKI PREF  
36°16.2'N 140°28.4'E  
H: 52KM M:3.4



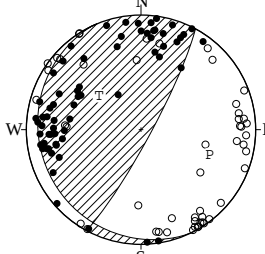
STR DIP SLIP AZM PLG  
NP1 238° 12' 103° P 137° 33'  
NP2 25° 74° 79° T 280° 60'  
N:113 SCORE 96% N 28° 10'

04 DEC. 2023 06:44:03.8  
SW EHIME PREF  
33°29.4'N 132°26.5'E  
H: 46KM M:3.2



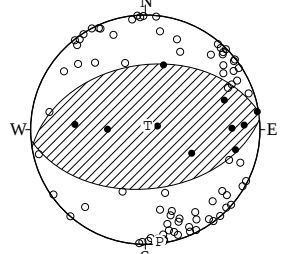
STR DIP SLIP AZM PLG  
NP1 314° 51' 130° P 158° 60'  
NP2 187° 54' 52° T 251° 2'  
N:100 SCORE 97% N 342° 30'

04 DEC. 2023 11:21:11.1  
E OFF IZU PENINSULA  
35°04.1'N 139°08.7'E  
H: 7KM M:3.9



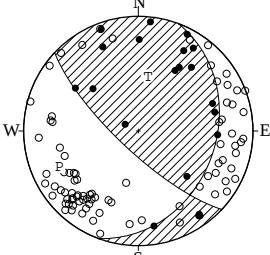
STR DIP SLIP AZM PLG  
NP1 155° 12' 37° P 110° 37'  
NP2 28° 83° 99° T 309° 51'  
N:115 SCORE 91% N 207° 9'

04 DEC. 2023 17:03:48.8  
E OFF FUKUSHIMA PREF  
37°42.5'N 141°42.8'E  
H: 53KM M:3.8



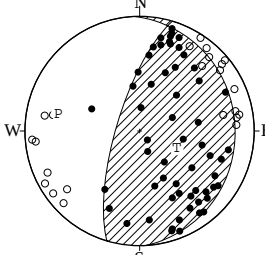
STR DIP SLIP AZM PLG  
NP1 261° 43' 87° P 173° 2'  
NP2 85° 47° 93° T 31° 87'  
N:87 SCORE 99% N 263° 2'

04 DEC. 2023 20:59:12.4  
MID NIIGATA PREF  
37°19.0'N 138°51.3'E  
H: 18KM M:3.6



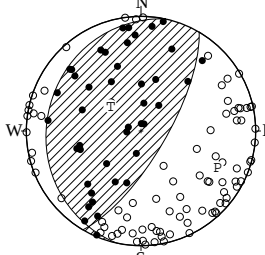
STR DIP SLIP AZM PLG  
NP1 240° 33' 153° P 246° 25'  
NP2 133° 76° 60° T 10° 50'  
N:106 SCORE 94% N 141° 29'

04 DEC. 2023 21:21:04.3  
NORTHERN IWATE PREF  
39°53.2'N 141°55.2'E  
H: 61KM M:3.3



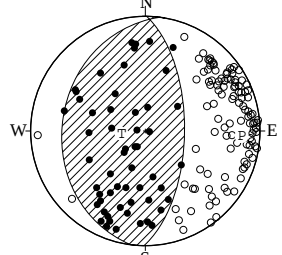
STR DIP SLIP AZM PLG  
NP1 357° 18' 71° P 282° 28'  
NP2 197° 73° 96° T 115° 61'  
N:81 SCORE 95% N 15° 6'

05 DEC. 2023 03:11:02.8  
SW IBARAKI PREF  
36°15.0'N 140°06.5'E  
H: 54KM M:3.2



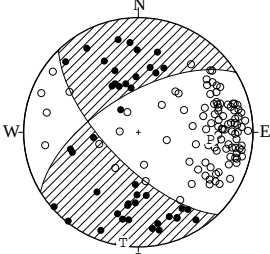
STR DIP SLIP AZM PLG  
NP1 192° 18' 73° P 116° 27'  
NP2 30° 72° 96° T 309° 62'  
N:128 SCORE 99% N 209° 5'

06 DEC. 2023 12:08:43.0  
SW IBARAKI PREF  
36°06.4'N 140°01.2'E  
H: 68KM M:3.7



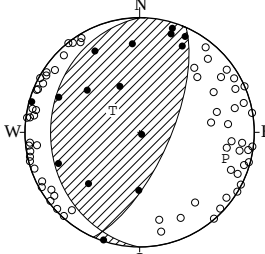
STR DIP SLIP AZM PLG  
NP1 187° 28' 96° P 93° 17'  
NP2 1° 62° 87° T 263° 73'  
N:165 SCORE 99% N 2° 3'

08 DEC. 2023 03:53:49.0  
CENTRAL CHIBA PREF  
35°33.1'N 140°04.4'E  
H: 73KM M:3.6



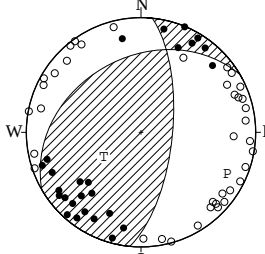
STR DIP SLIP AZM PLG  
NP1 239° 63' 154° P 96° 37'  
NP2 136° 67° 30° T 188° 3'  
N:144 SCORE 97% N 282° 53'

08 DEC. 2023 23:03:18.2  
NE OFF IWATE PREF  
40°19.3'N 142°16.6'E  
H: 44KM M:3.7



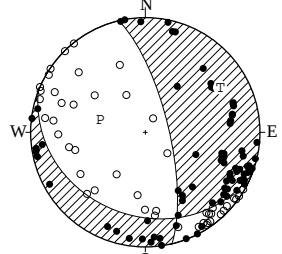
STR DIP SLIP AZM PLG  
NP1 180° 23' 68° P 107° 23'  
NP2 24° 69° 99° T 309° 65'  
N:82 SCORE 99% N 201° 8'

09 DEC. 2023 07:24:52.3  
NORTHERN MIYAGI PREF  
38°51.1'N 140°49.6'E  
H: 8KM M:3.2



STR DIP SLIP AZM PLG  
NP1 240° 35' 139° P 116° 18'  
NP2 6° 68° 62° T 237° 58'  
N:64 SCORE 97% N 17° 26'

09 DEC. 2023 16:03:45.4  
SE OFF BOSO PENINSULA  
34°30.6'N 140°15.6'E  
H: 64KM M:4.6



STR DIP SLIP AZM PLG  
NP1 111° 28' 142° P 286° 56'  
NP2 347° 73° 67° T 59° 25'  
N:128 SCORE 96% N 160° 22'

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.

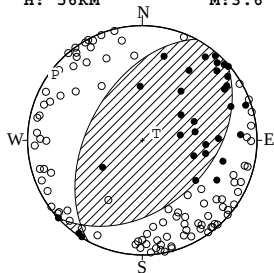
DIP:DIP OF NODAL PLANE , MEASURED DOWN FROM THE HORIZONTAL PLANE.

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

N:DATA NUMBER.

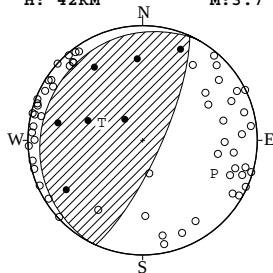
SCORE:RATIO OF THE CONSISTENT DATA NUMBER TO THE TOTAL DATA NUMBER.

10 DEC. 2023 21:17:20.4  
E OFF MIYAGI PREF  
38°25.7'N 141°52.7'E  
H: 56KM M:3.6



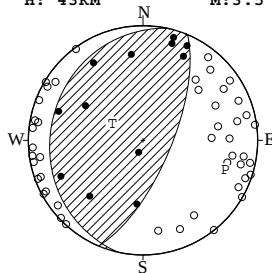
STR DIP SLIP AZM PLG  
NP1 48° 41' 105° P 307° 5'  
NP2 208° 51' 77° T 64° 79'  
N:128 SCORE 96% N 216° 10'

12 DEC. 2023 07:15:46.5  
NE OFF IWATE PREF  
40°11.8'N 142°18.1'E  
H: 42KM M:3.7



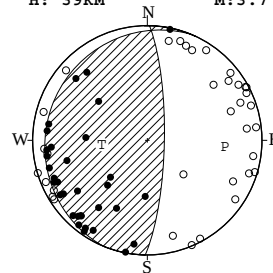
STR DIP SLIP AZM PLG  
NP1 208° 13' 94° P 115° 32'  
NP2 24° 77' 89° T 293° 58'  
N:64 SCORE 98% N 24° 1'

13 DEC. 2023 14:59:31.5  
NE OFF IWATE PREF  
40°16.9'N 142°14.7'E  
H: 43KM M:3.5



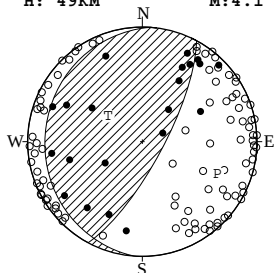
STR DIP SLIP AZM PLG  
NP1 152° 20' 80° P 110° 25'  
NP2 23° 70' 94° T 299° 65'  
N:58 SCORE 100% N 202° 3'

15 DEC. 2023 18:04:33.5  
BUNGO CHANNEL  
33°13.7'N 132°17.7'E  
H: 39KM M:3.7



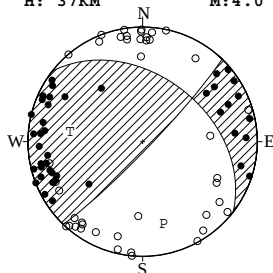
STR DIP SLIP AZM PLG  
NP1 202° 13' 111° P 95° 33'  
NP2 1° 78' 85° T 265° 57'  
N:68 SCORE 99% N 2° 5'

16 DEC. 2023 09:15:08.4  
E OFF IWATE PREF  
39°38.0'N 142°06.2'E  
H: 49KM M:4.1



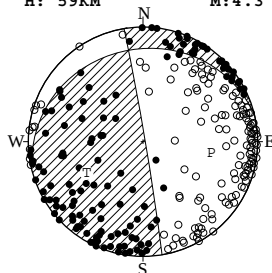
STR DIP SLIP AZM PLG  
NP1 184° 16' 67° P 113° 30'  
NP2 28° 75' 96° T 307° 59'  
N:117 SCORE 96% N 207° 6'

17 DEC. 2023 00:47:06.2  
E OFF FUKUSHIMA PREF  
37°31.0'N 141°21.5'E  
H: 37KM M:4.0



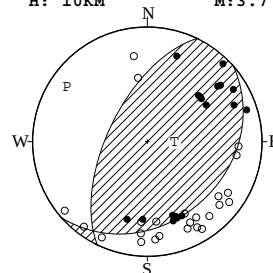
STR DIP SLIP AZM PLG  
NP1 308° 42' 172° P 166° 27'  
NP2 44° 85' 48° T 278° 36'  
N:84 SCORE 95% N 49° 42'

17 DEC. 2023 14:11:37.4  
SW IBARAKI PREF  
36°15.0'N 139°46.8'E  
H: 59KM M:4.3



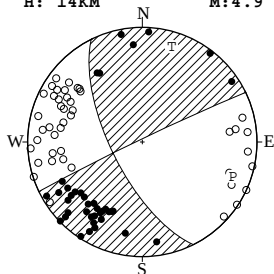
STR DIP SLIP AZM PLG  
NP1 256° 20' 175° P 99° 40'  
NP2 350° 88' 70° T 241° 43'  
N:267 SCORE 98% N 351° 20'

21 DEC. 2023 05:11:16.0  
OFF NOTO PENINSULA  
37°35.9'N 137°19.7'E  
H: 10KM M:3.7



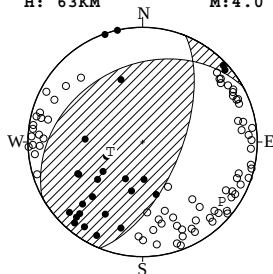
STR DIP SLIP AZM PLG  
NP1 48° 30' 110° P 304° 16'  
NP2 206° 62' 79° T 91° 71'  
N:42 SCORE 90% N 211° 10'

22 DEC. 2023 10:45:55.8  
E OFF IWATE PREF  
39°58.6'N 142°21.5'E  
H: 14KM M:4.9



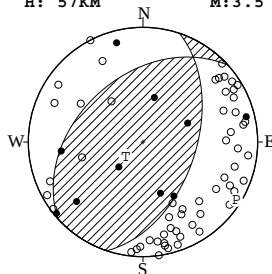
STR DIP SLIP AZM PLG  
NP1 154° 68' -2° P 111° 17'  
NP2 244° 88' -158° T 17° 14'  
N:82 SCORE 99% N 249° 68'

22 DEC. 2023 18:30:52.7  
S OFF URAKAWA  
42°02.3'N 142°35.6'E  
H: 63KM M:4.0



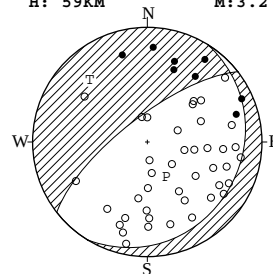
STR DIP SLIP AZM PLG  
NP1 241° 34' 124° P 127° 15'  
NP2 22° 62' 69° T 254° 66'  
N:97 SCORE 98% N 32° 18'

23 DEC. 2023 04:41:40.0  
SE OFF MIYAGI PREF  
37°57.3'N 141°43.3'E  
H: 57KM M:3.5



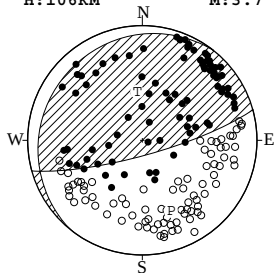
STR DIP SLIP AZM PLG  
NP1 228° 42' 113° P 122° 5'  
NP2 19° 52' 71° T 231° 74'  
N:67 SCORE 94% N 31° 15'

23 DEC. 2023 19:11:19.4  
NORTHERN IBARAKI PREF  
36°30.5'N 140°34.8'E  
H: 59KM M:3.2



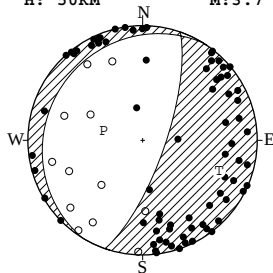
STR DIP SLIP AZM PLG  
NP1 31° 19' -110° P 152° 62'  
NP2 232° 72' -83° T 317° 27'  
N:49 SCORE 96% N 50° 6'

24 DEC. 2023 20:55:30.4  
TOKACHI REGION  
42°52.3'N 143°08.6'E  
H: 106KM M:3.7



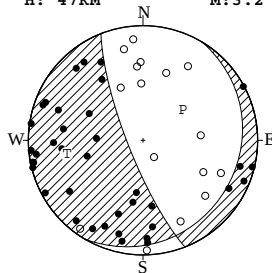
STR DIP SLIP AZM PLG  
NP1 218° 13' 55° P 158° 34'  
NP2 75° 79' 98° T 354° 55'  
N:166 SCORE 95% N 253° 8'

25 DEC. 2023 03:31:18.3  
E OFF FUKUSHIMA PREF  
37°50.9'N 141°36.1'E  
H: 50KM M:3.7



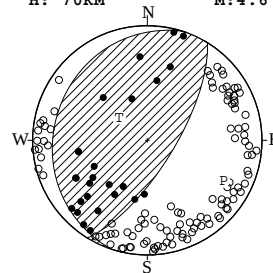
STR DIP SLIP AZM PLG  
NP1 212° 16' -78° P 284° 61'  
NP2 19° 74' -94° T 112° 29'  
N:86 SCORE 95% N 20° 3'

26 DEC. 2023 13:29:38.7  
AKINADA SETONAIKAI  
33°51.1'N 132°27.8'E  
H: 47KM M:3.2



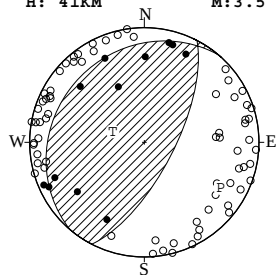
STR DIP SLIP AZM PLG  
NP1 31° 17' -39° P 52° 54'  
NP2 159° 79' -104° T 260° 33'  
N:54 SCORE 98% N 161° 13'

27 DEC. 2023 07:53:57.0  
S OFF URAKAWA  
41°55.2'N 142°19.4'E  
H: 70KM M:4.6



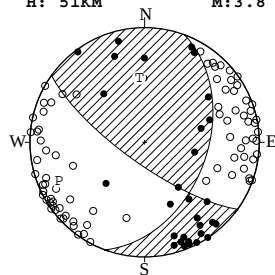
STR DIP SLIP AZM PLG  
NP1 198° 20' 77° P 118° 26'  
NP2 32° 71' 95° T 309° 64'  
N:135 SCORE 99% N 210° 4'

28 DEC. 2023 16:10:42.5  
 E OFF IBARAKI PREF  
 36°23.4'N 141°03.6'E  
 H: 41KM M:3.5



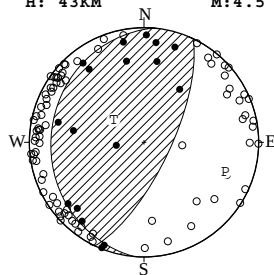
STR.DIP.SLIP. AZM.PLG.  
 NP1 220° 22' 102° P 121° 24°  
 NP2 27° 69' 85° T 289° 66°  
 N:81 SCORE 99% N 29° 4°

28 DEC. 2023 17:56:36.8  
 E OFF IWATE PREF  
 39°13.2'N 142°10.7'E  
 H: 51KM M:3.8



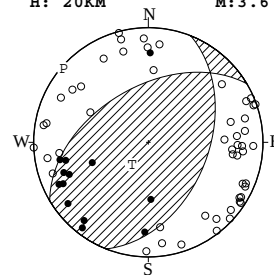
STR.DIP.SLIP. AZM.PLG.  
 NP1 20° 44' 159° P 246° 19°  
 NP2 126° 75' 48° T 355° 43°  
 N:113 SCORE 97% N 139° 41°

28 DEC. 2023 22:16:53.7  
 E OFF AOMORI PREF  
 40°34.8'N 142°29.4'E  
 H: 43KM M:4.5



STR.DIP.SLIP. AZM.PLG.  
 NP1 185° 20' 71° P 110° 26°  
 NP2 25° 71' 97° T 306° 63°  
 N:104 SCORE 99% N 203° 6°

29 DEC. 2023 00:47:01.1  
 TOKUSHIMA PREF  
 33°44.3'N 134°08.2'E  
 H: 20KM M:3.6



STR.DIP.SLIP. AZM.PLG.  
 NP1 22° 47' 62° P 311° 2°  
 NP2 239° 50' 116° T 216° 70°  
 N:64 SCORE 98% N 42° 20°