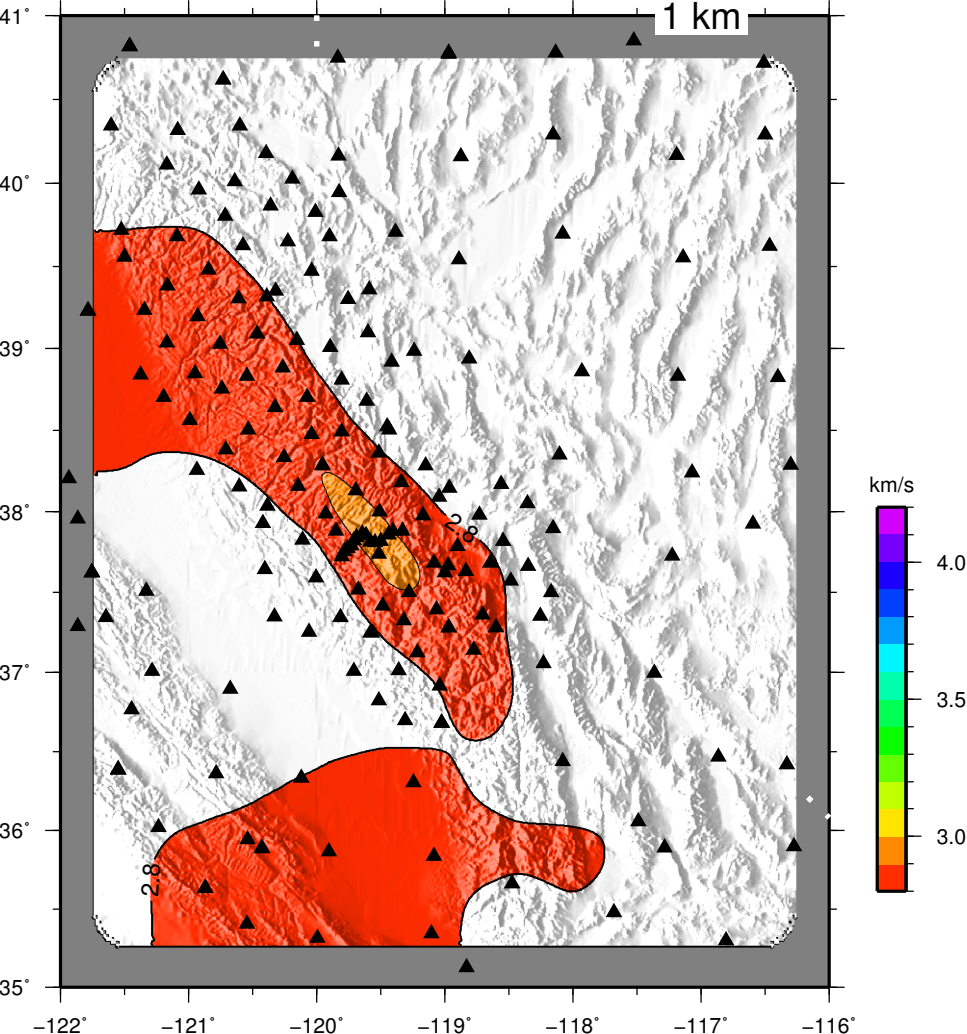
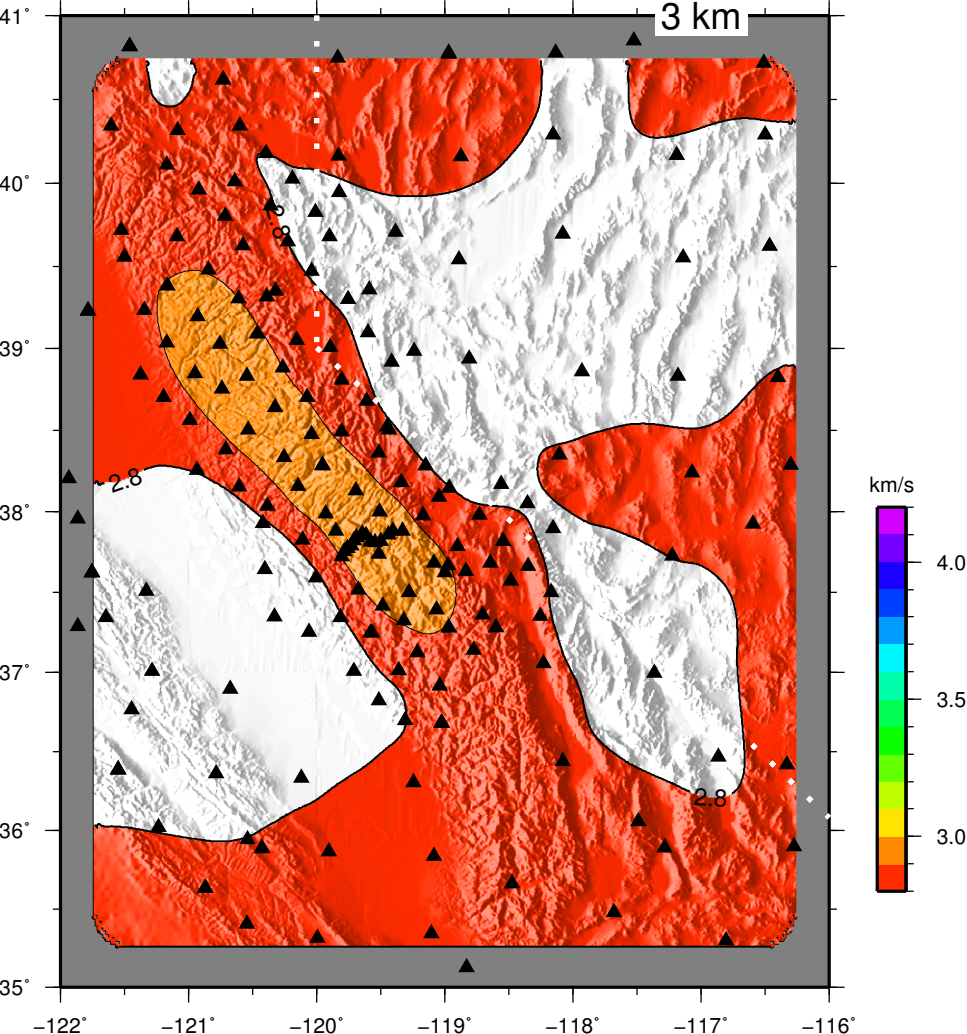
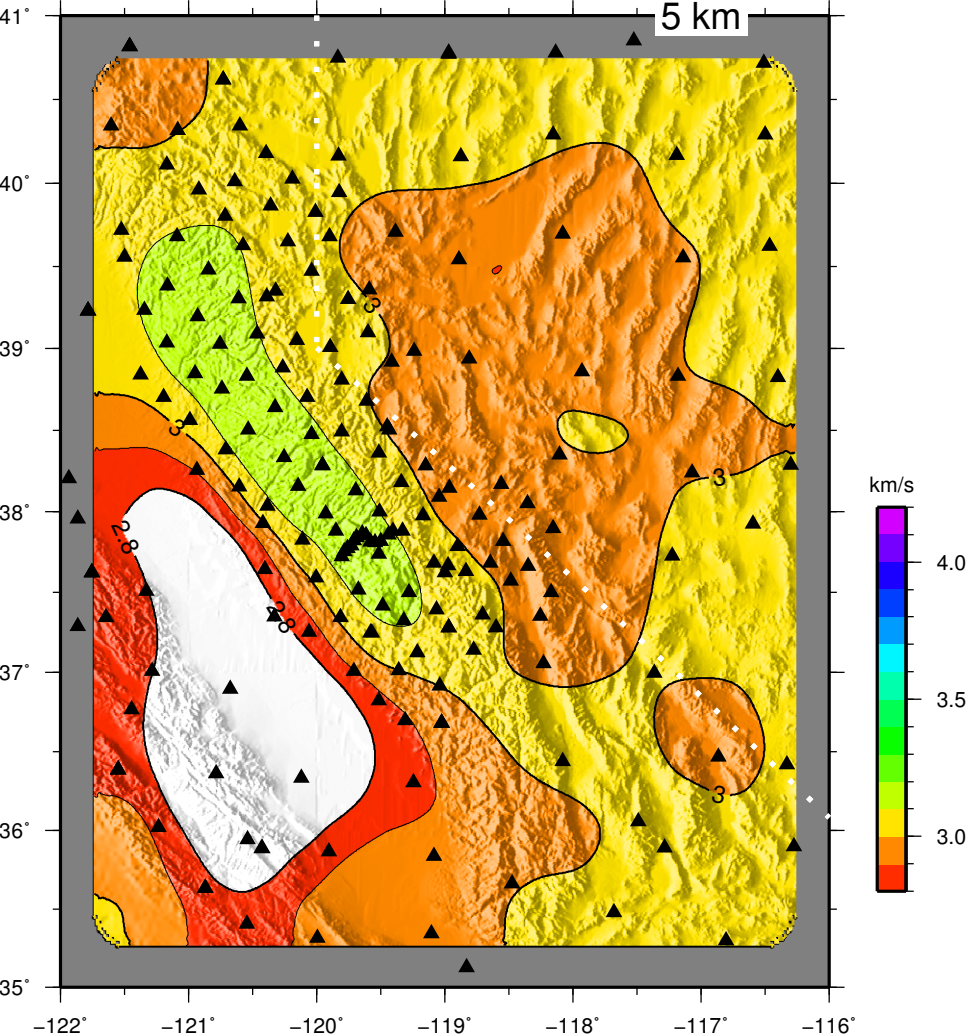
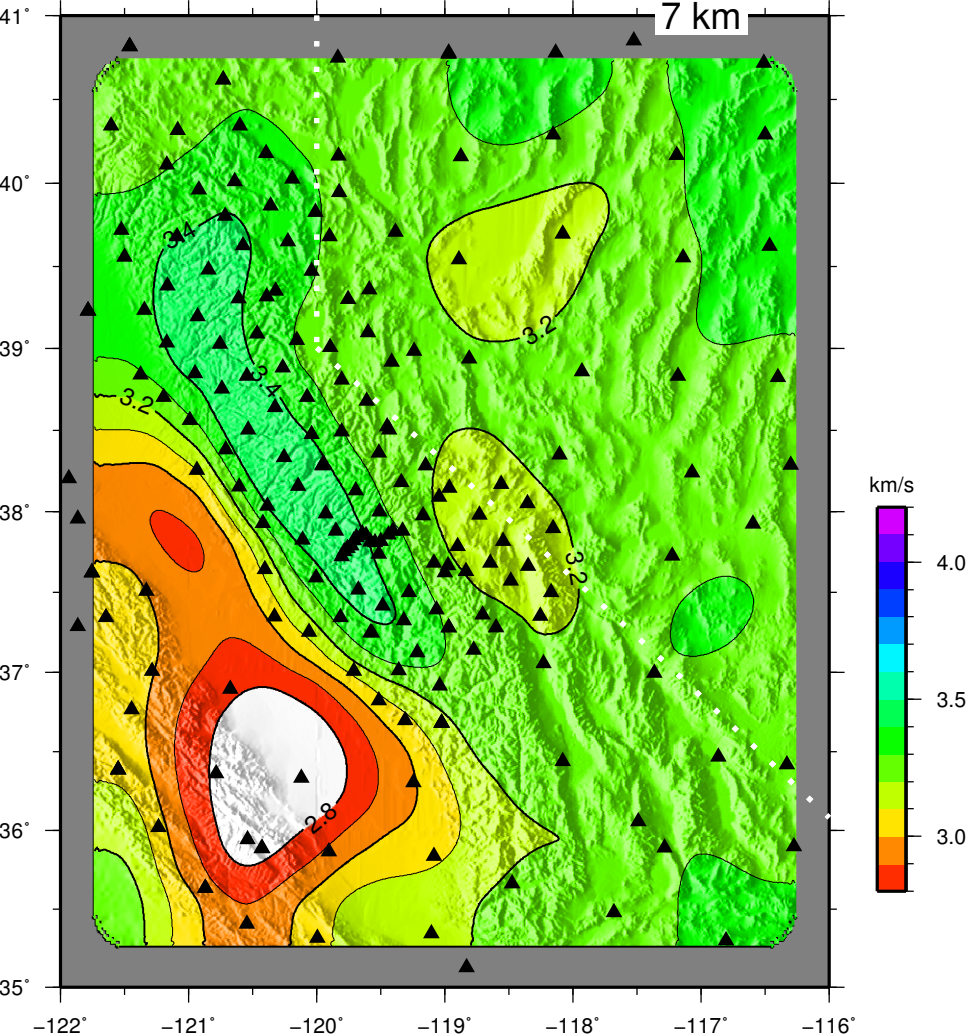
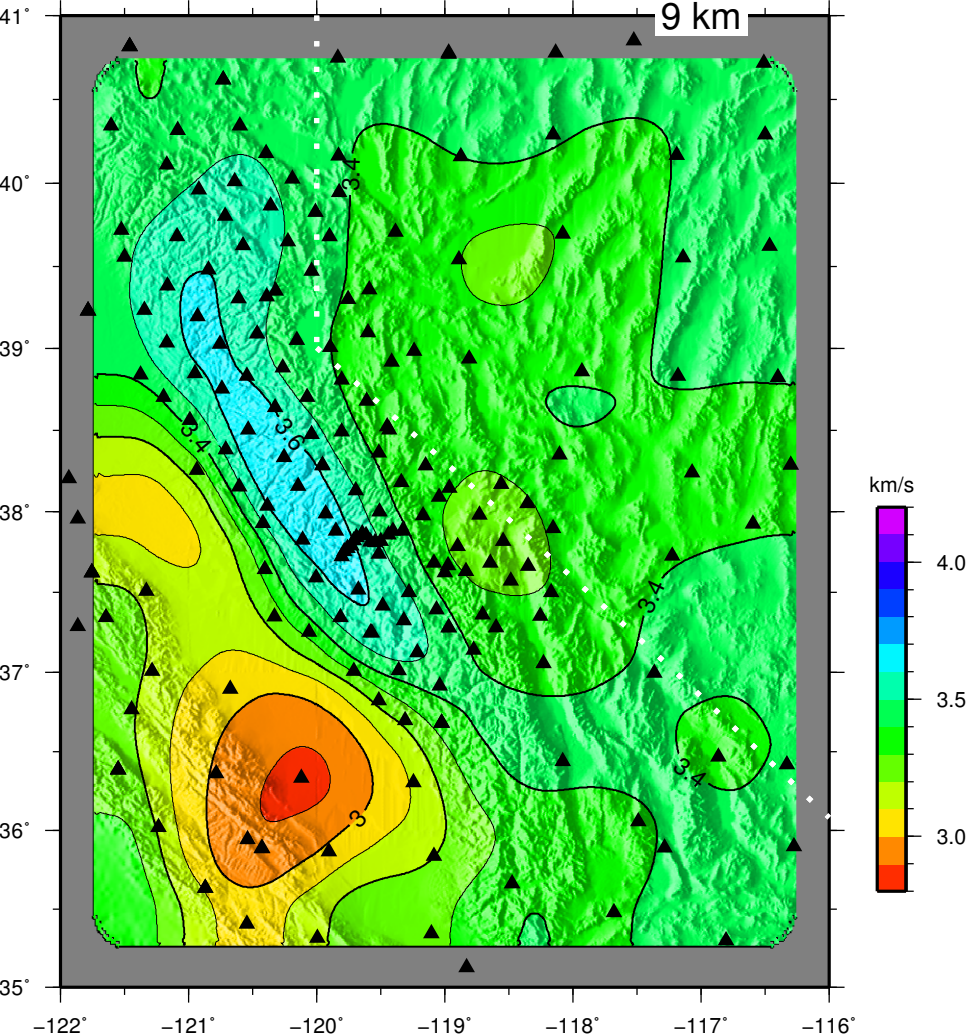
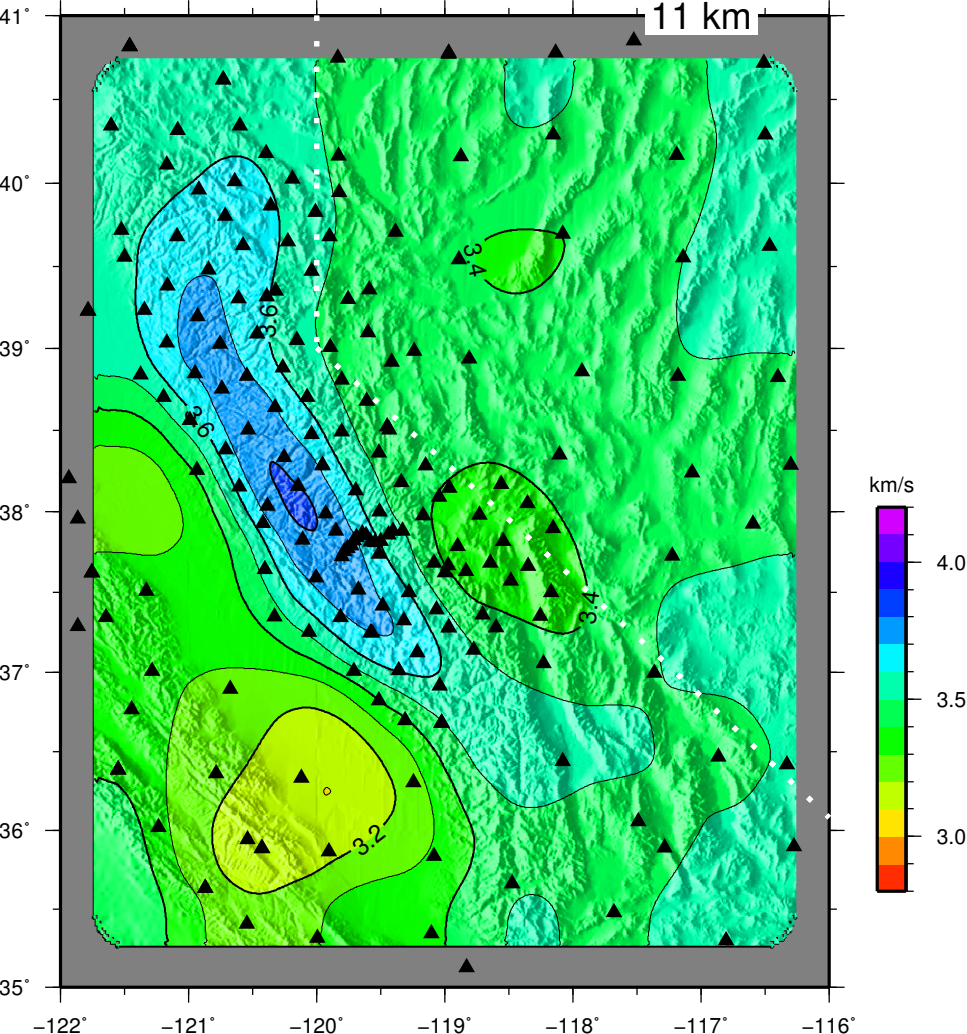

1 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
2.8
2.8
km/s
4.0
3.5
3.0

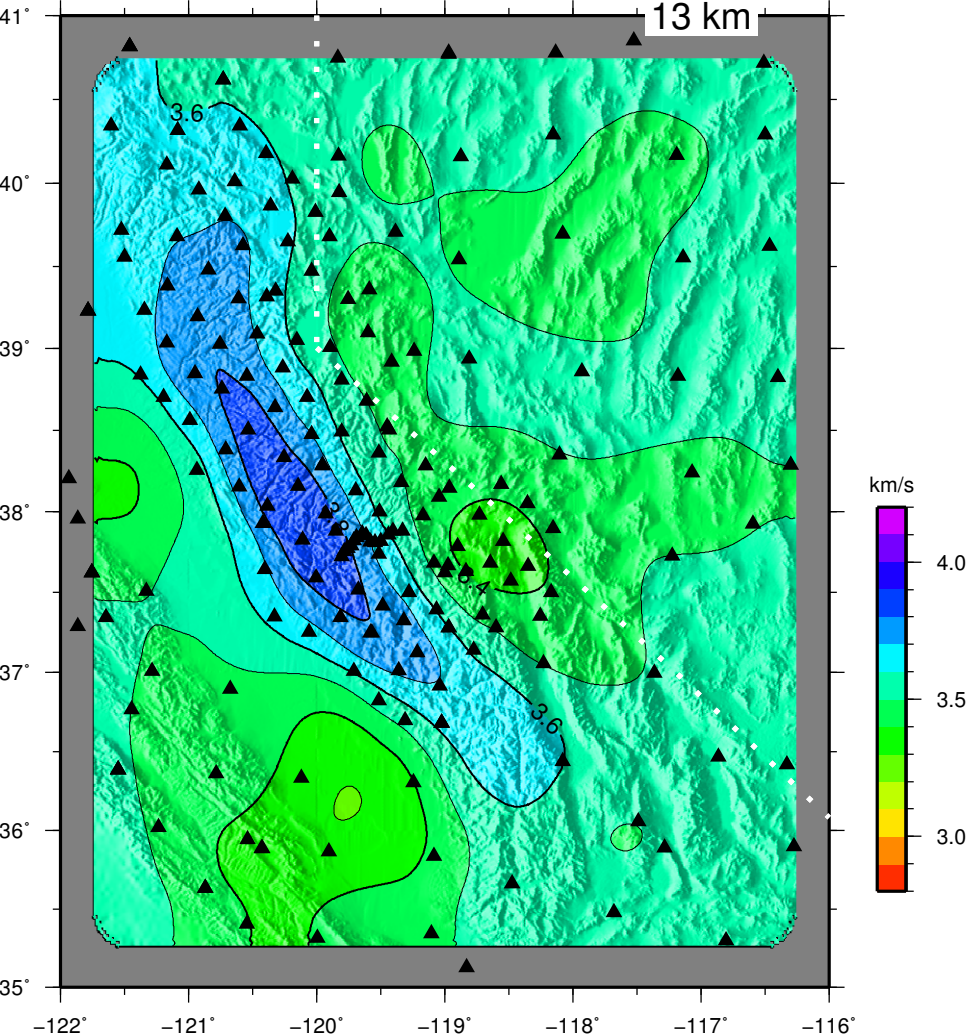

3 km
2.8
2.8
2.8
km/s
4.0
3.5
3.0
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚

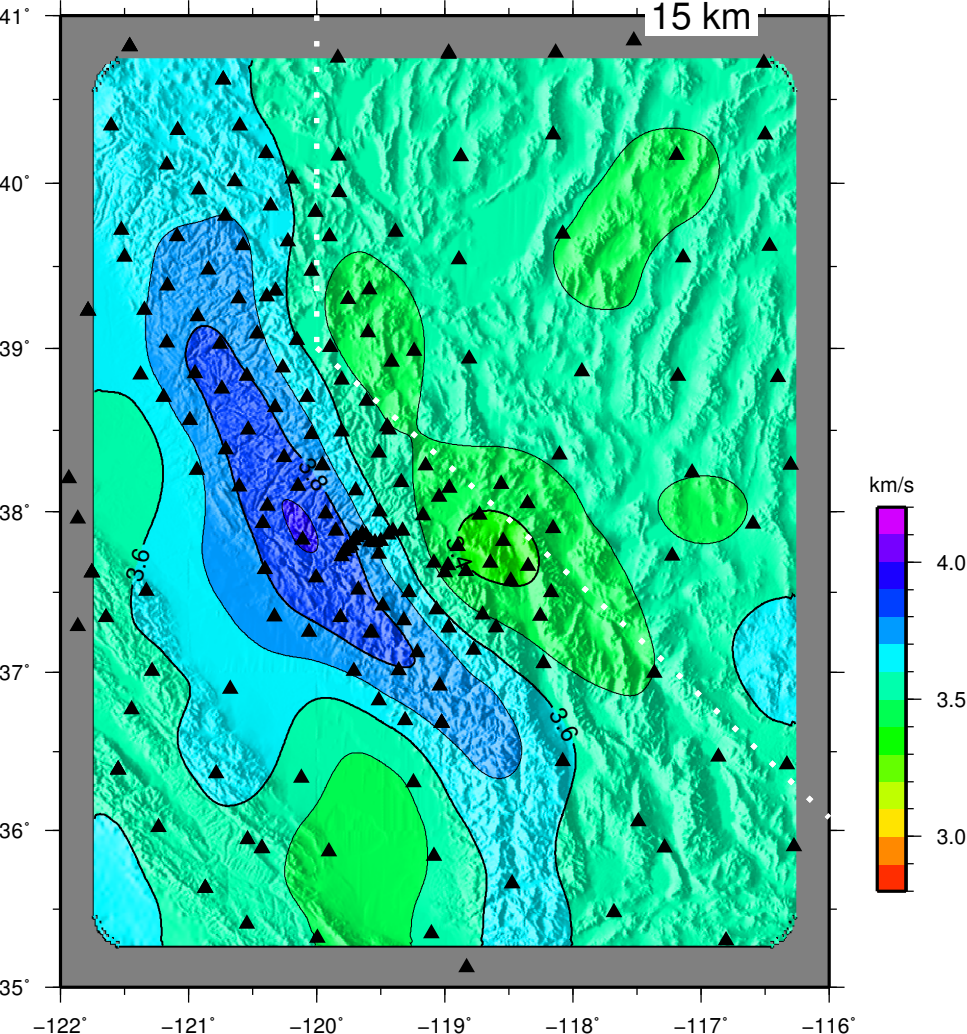

5 km
41°
40°
39°
38°
37°
36°
35°
−122°
−121°
−120°
−119°
−118°
−117°
−116°
3
2.8
km/s
4.0
3.5
3.0

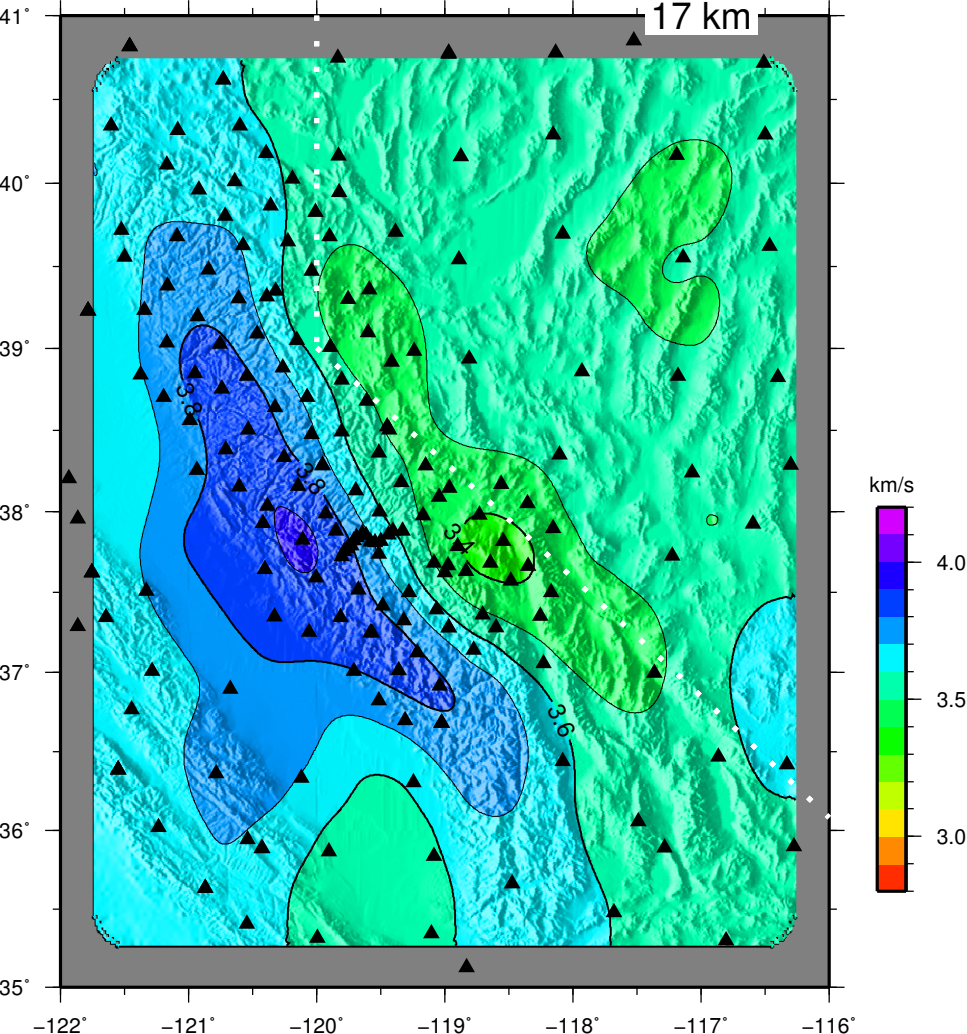

7 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
3.4
3.2
3.4
3.2
3.2
2.8
km/s
4.0
3.5
3.0

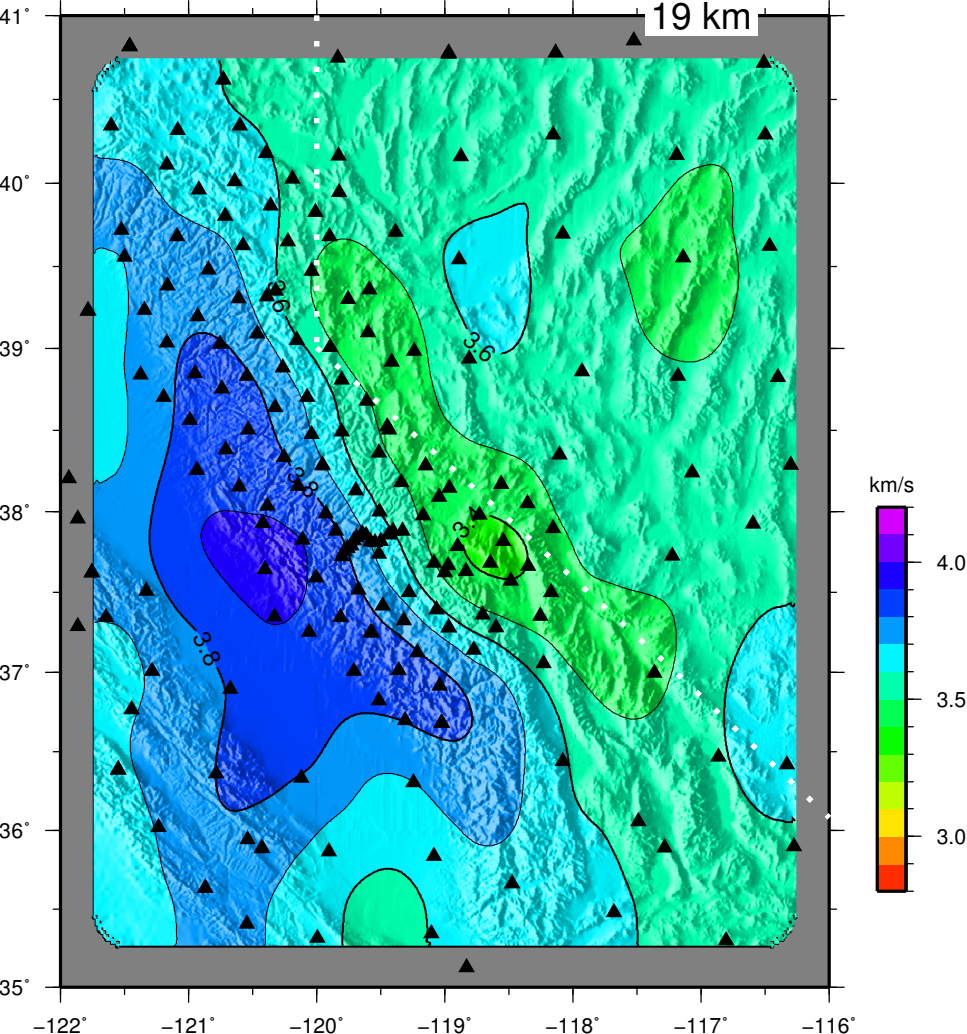

9 km
km/s
4.0
3.5
3.0
3.4
3.6
3.4
3.4
3.4
3
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚

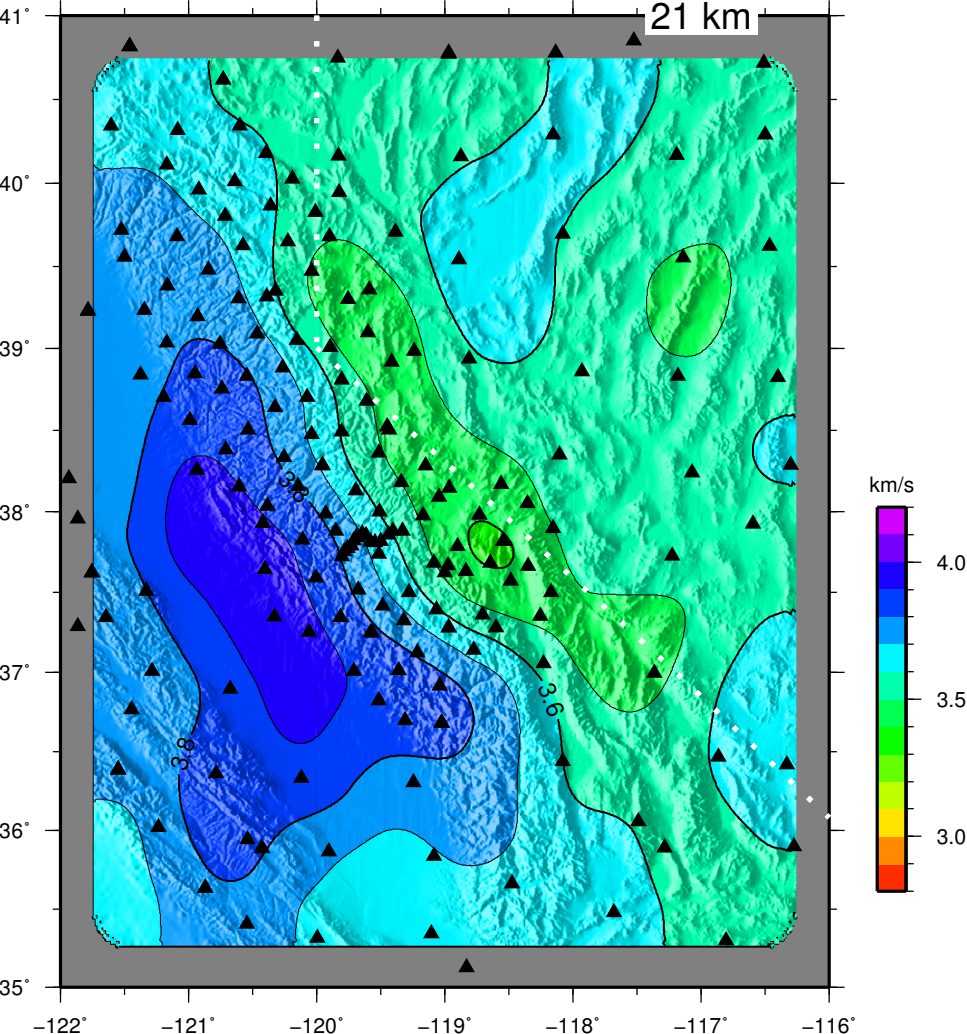

11 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
3.4
3.6
3.6
3.4
3.2
km/s
4.0
3.5
3.0

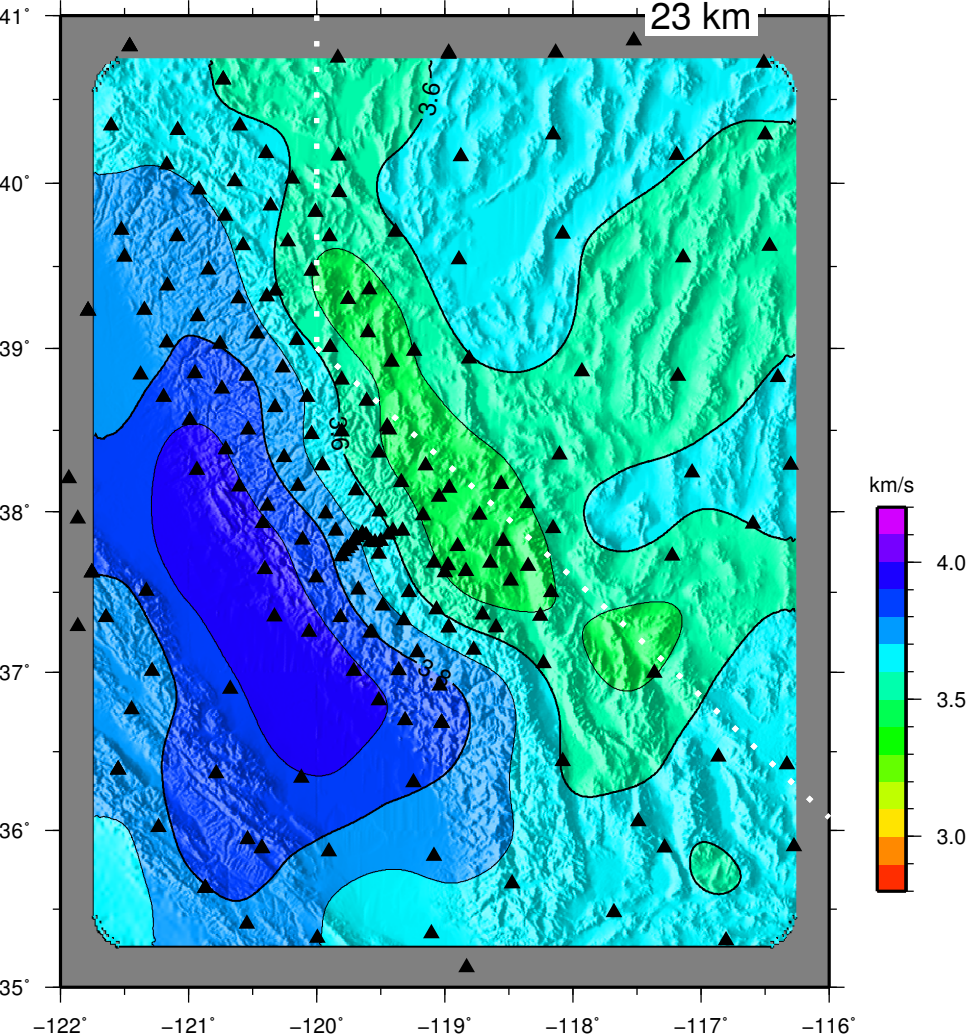

13 km
3.6
3.8
4.0
3.6
km/s
4.0
3.5
3.0
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚

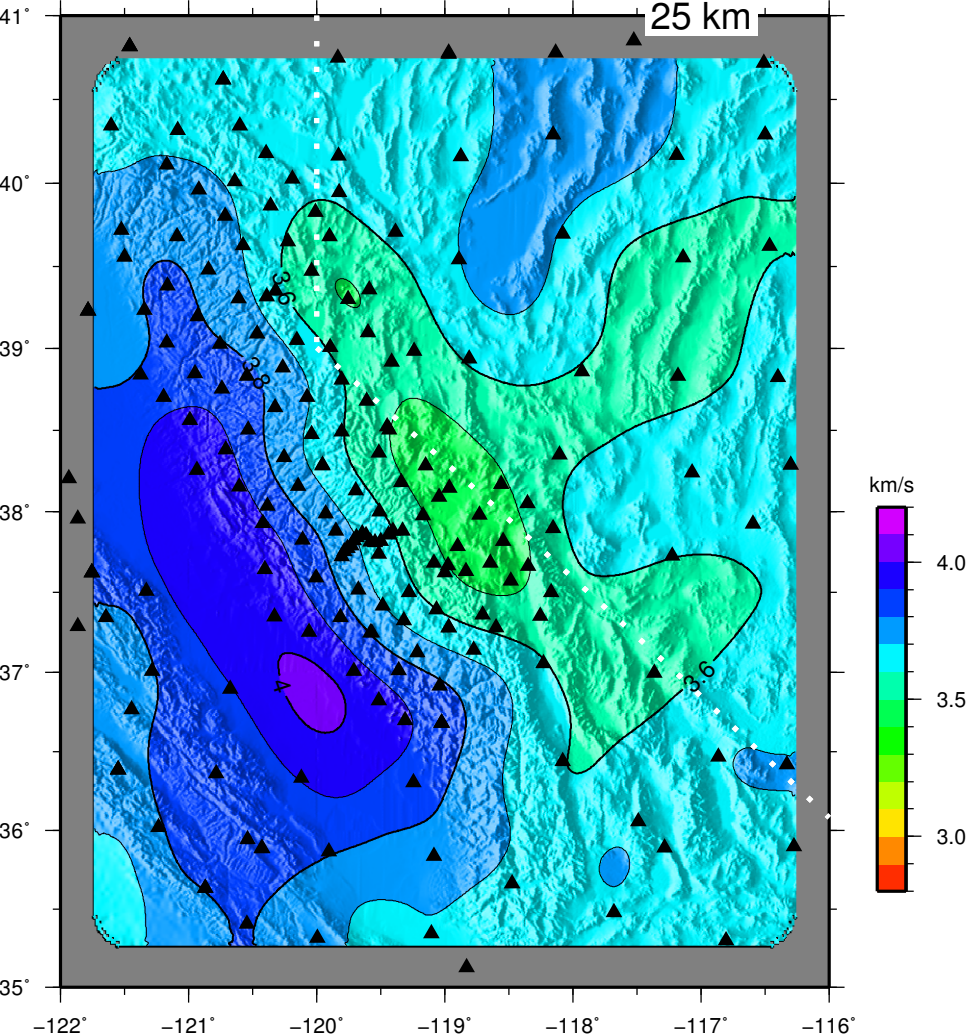

15 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
3.8
3.6
km/s
4.0
3.5
3.0

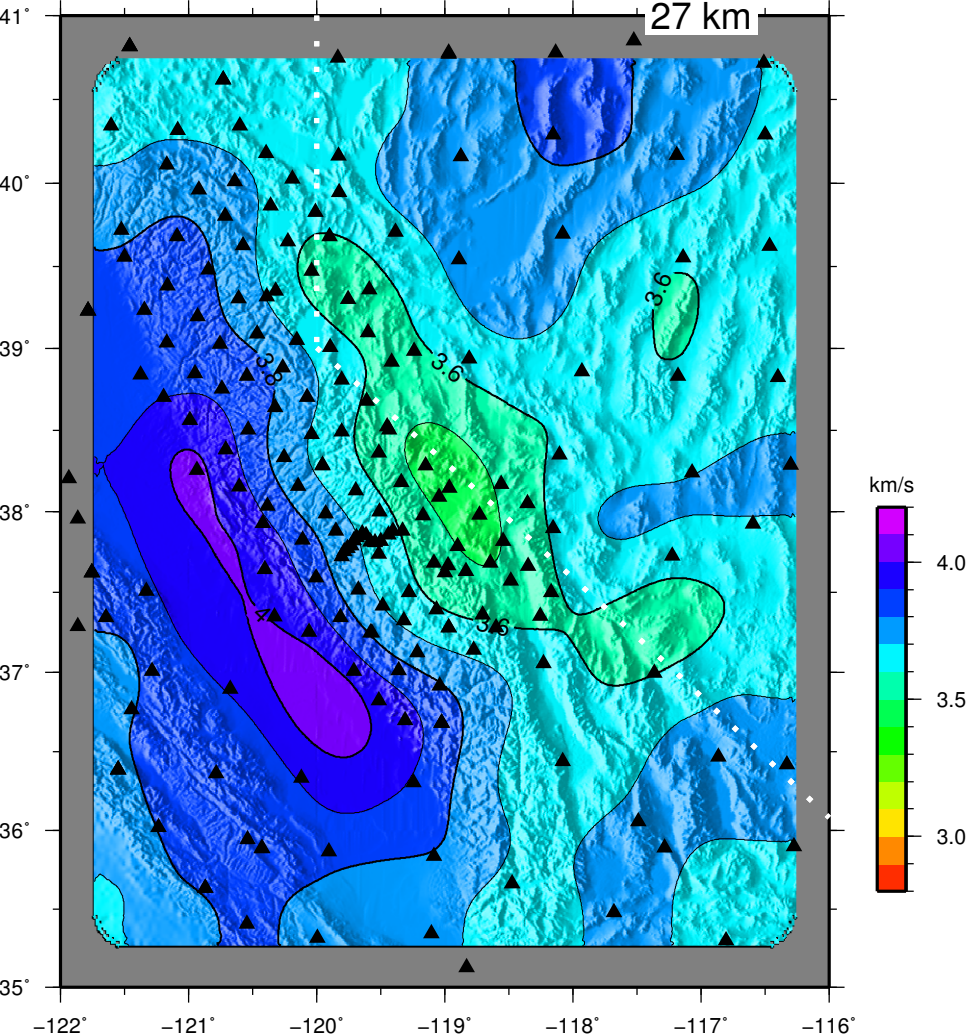

17 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
3.8
3.8
3.7
3.6
km/s
4.0
3.5
3.0

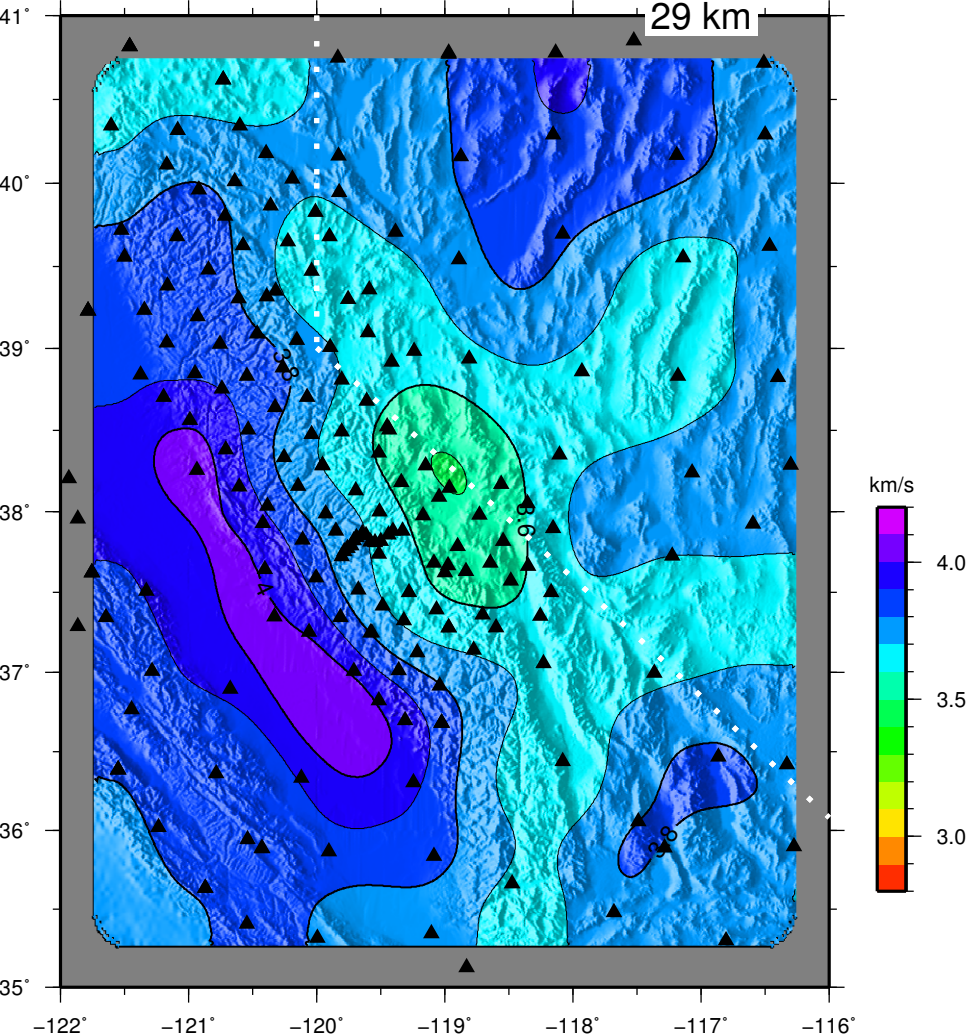

19 km
41°
40°
39°
38°
37°
36°
35°
−122°
−121°
−120°
−119°
−118°
−117°
−116°
3.6
3.8
3.8
3.4
3.8
km/s
4.0
3.5
3.0

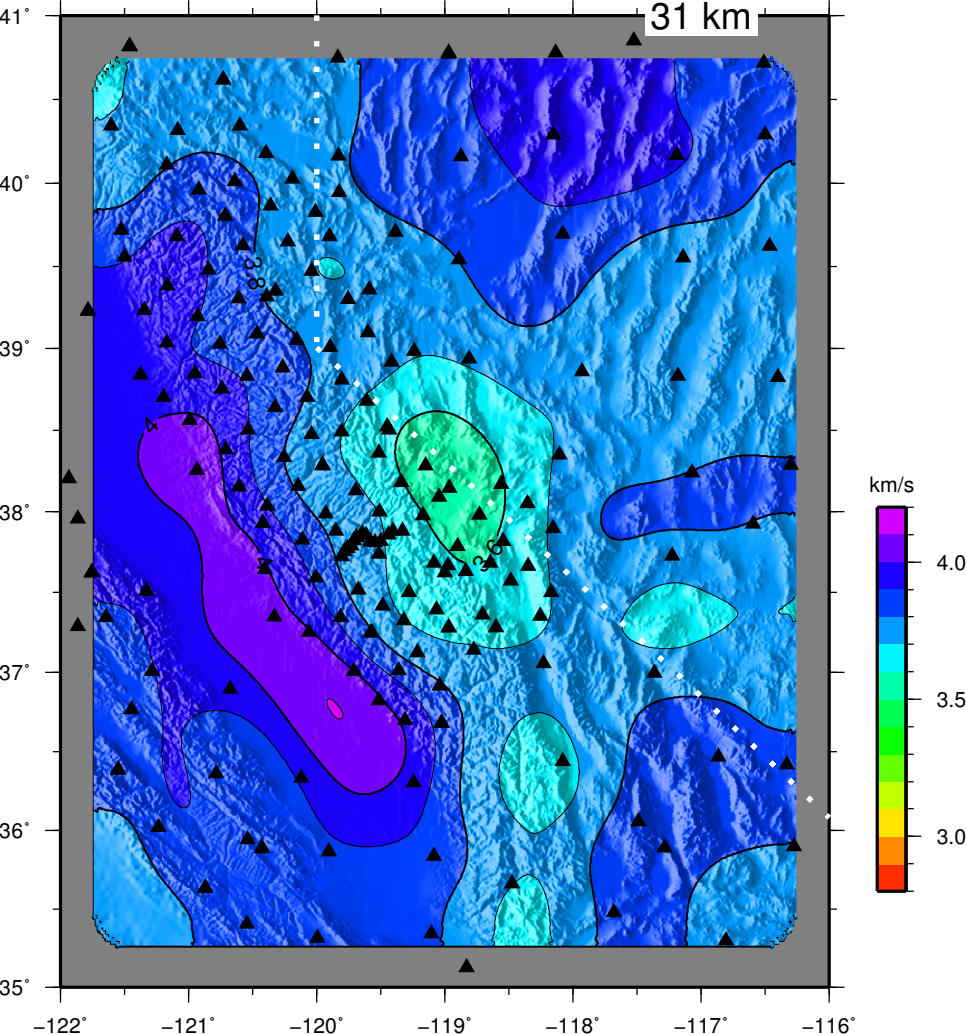

21 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
3.8
3.8
3.6
km/s
4.0
3.5
3.0

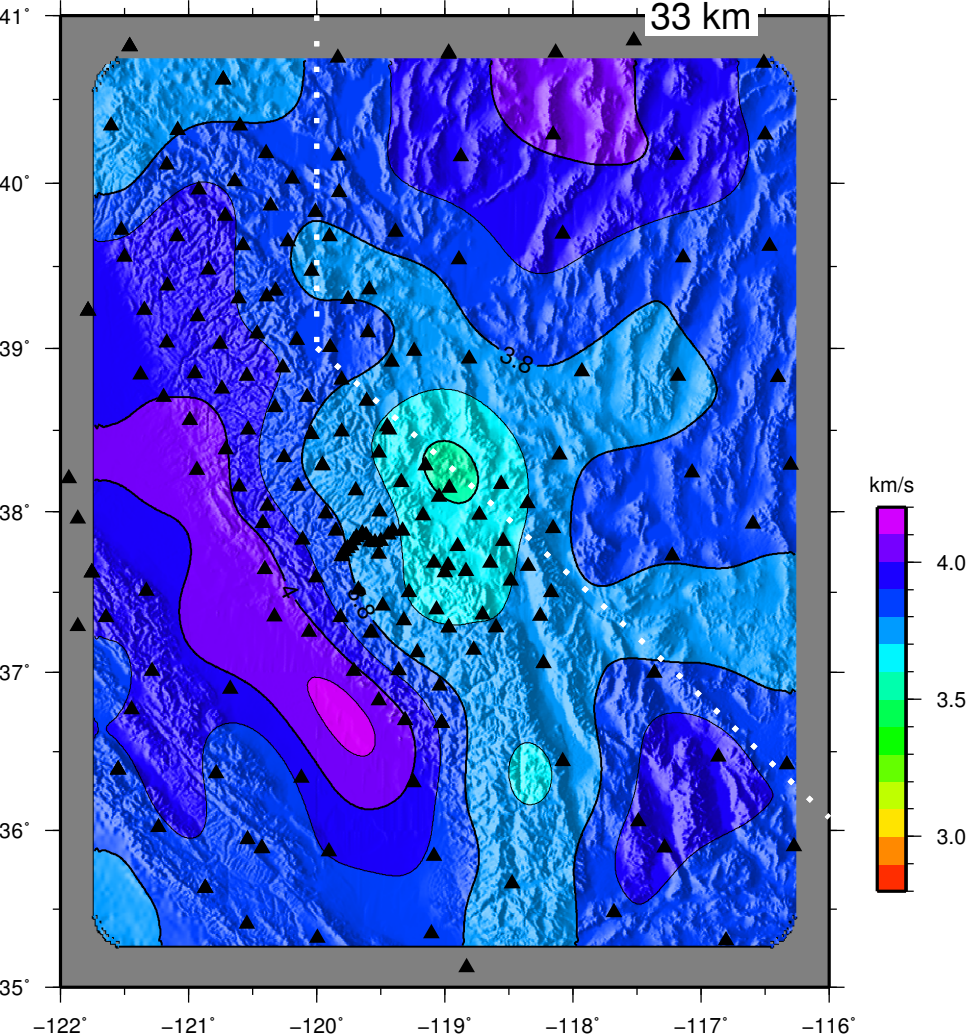

23 km
3.6
3.6
3.6
km/s
4.0
3.5
3.0
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚

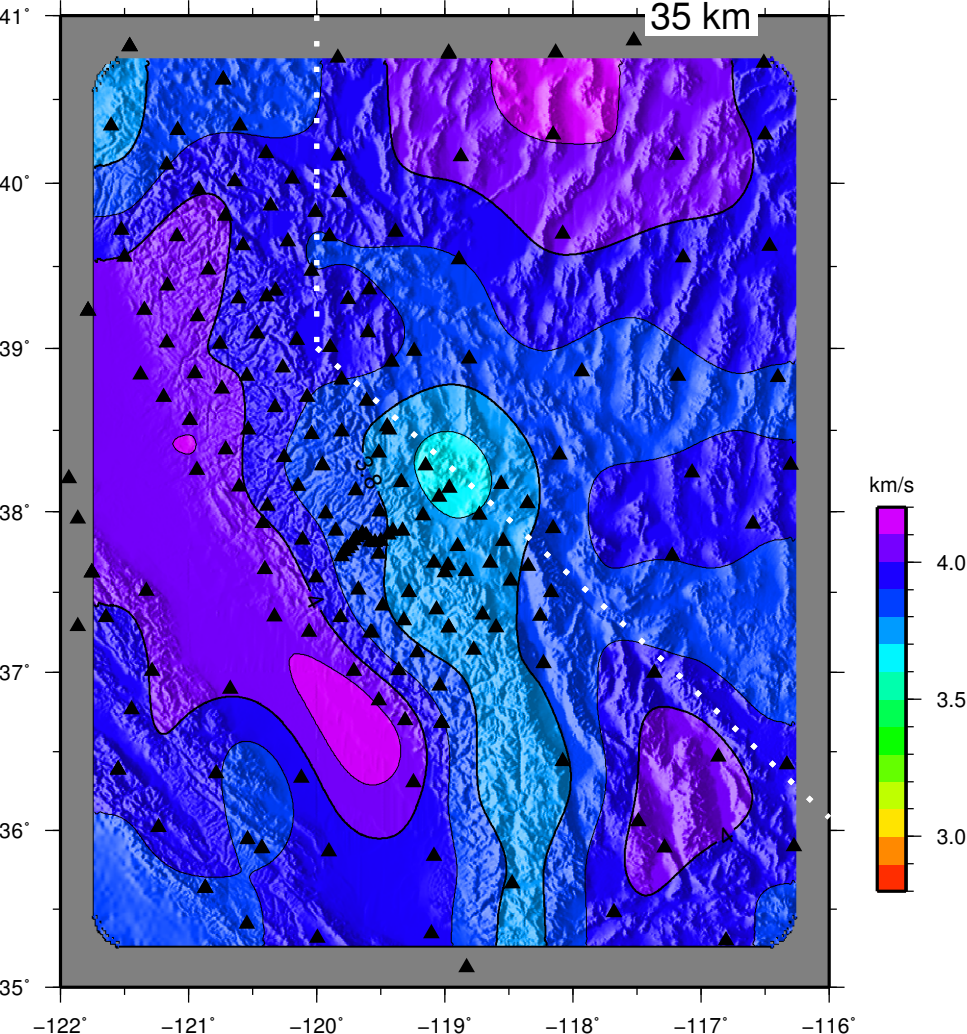

25 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
3.8
3.6
3.6
km/s
4.0
3.5
3.0

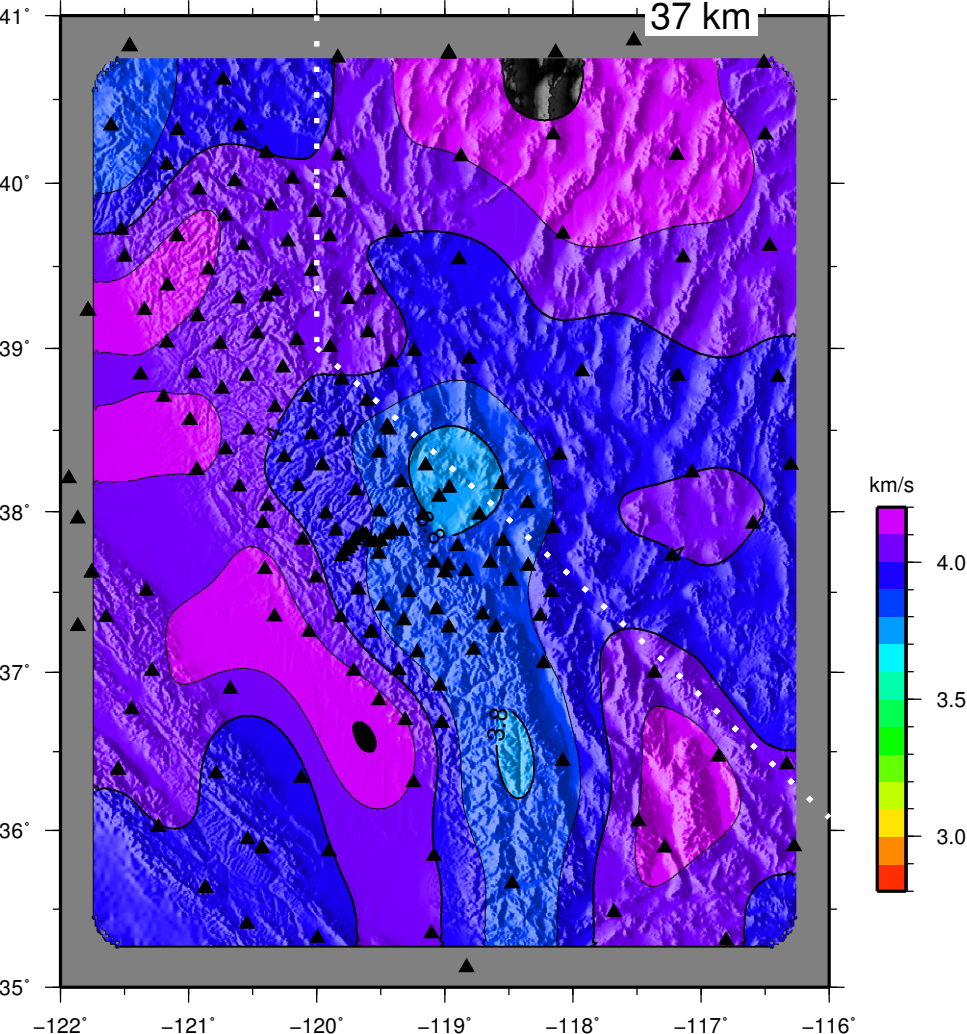

27 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
3.6
3.8
4
km/s
4.0
3.5
3.0

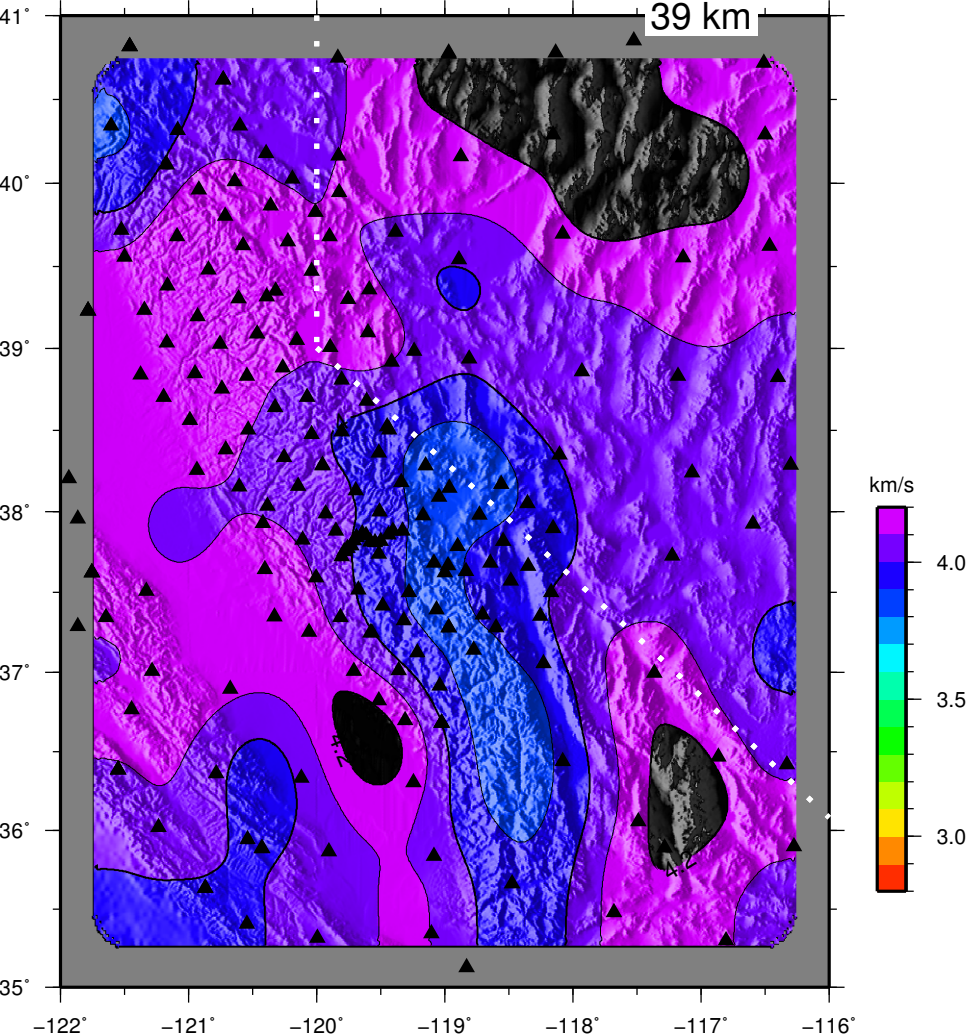

29 km
km/s
4.0
3.5
3.0
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚

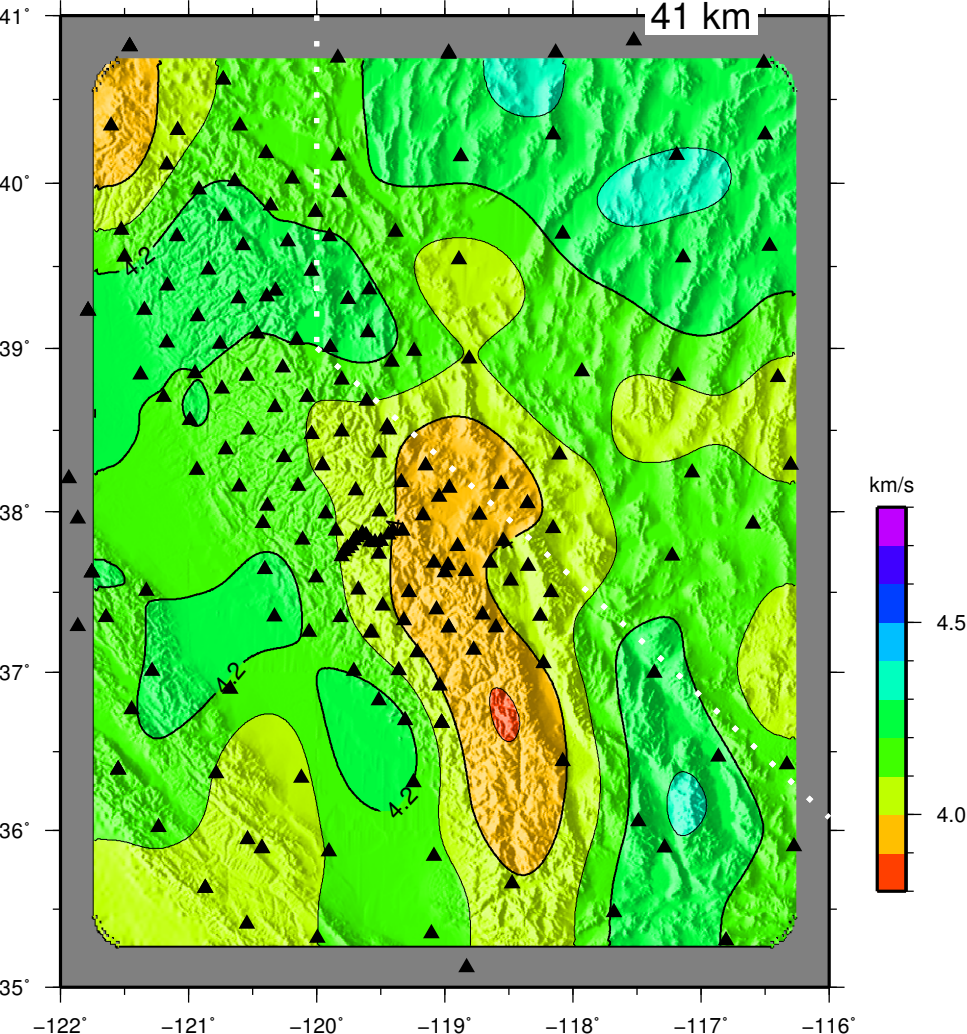

31 km
km/s
4.0
3.5
3.0
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚

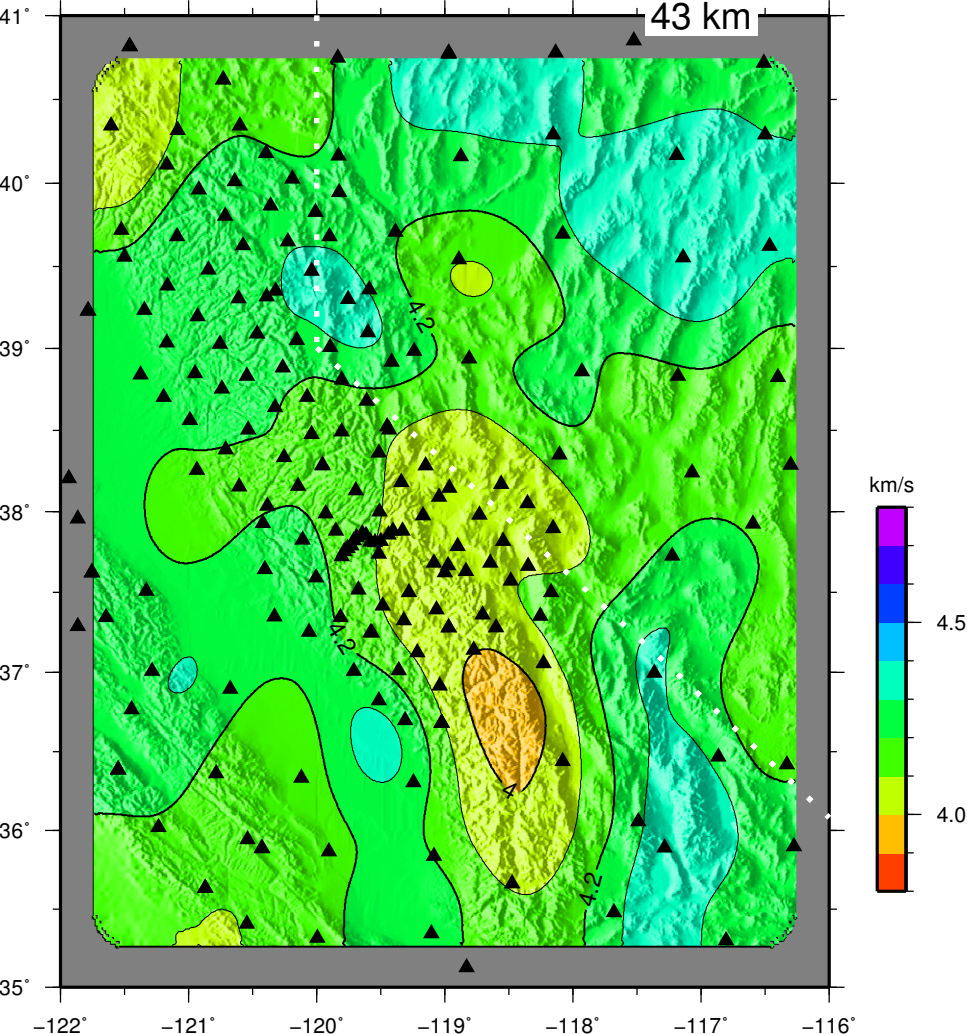

33 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
3.8
3.8
km/s
4.0
3.5
3.0

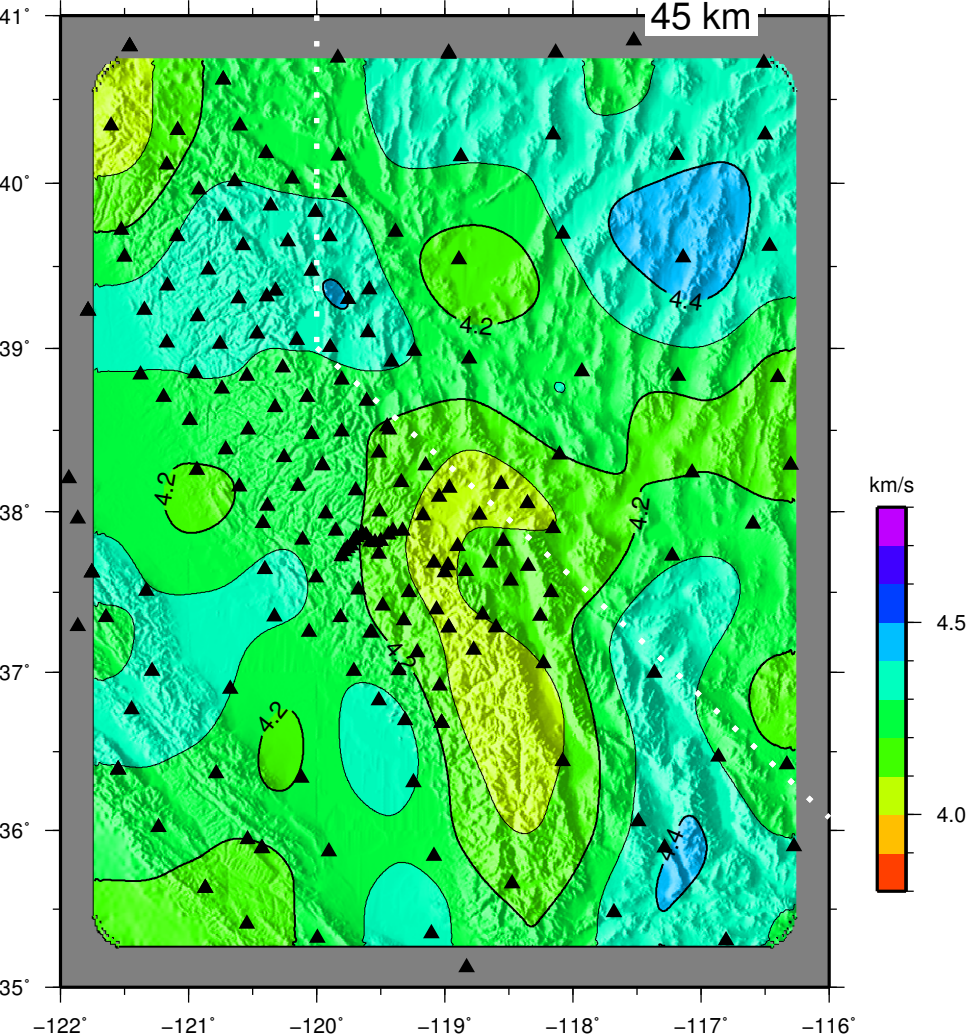

35 km
km/s
4.0
3.5
3.0
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚

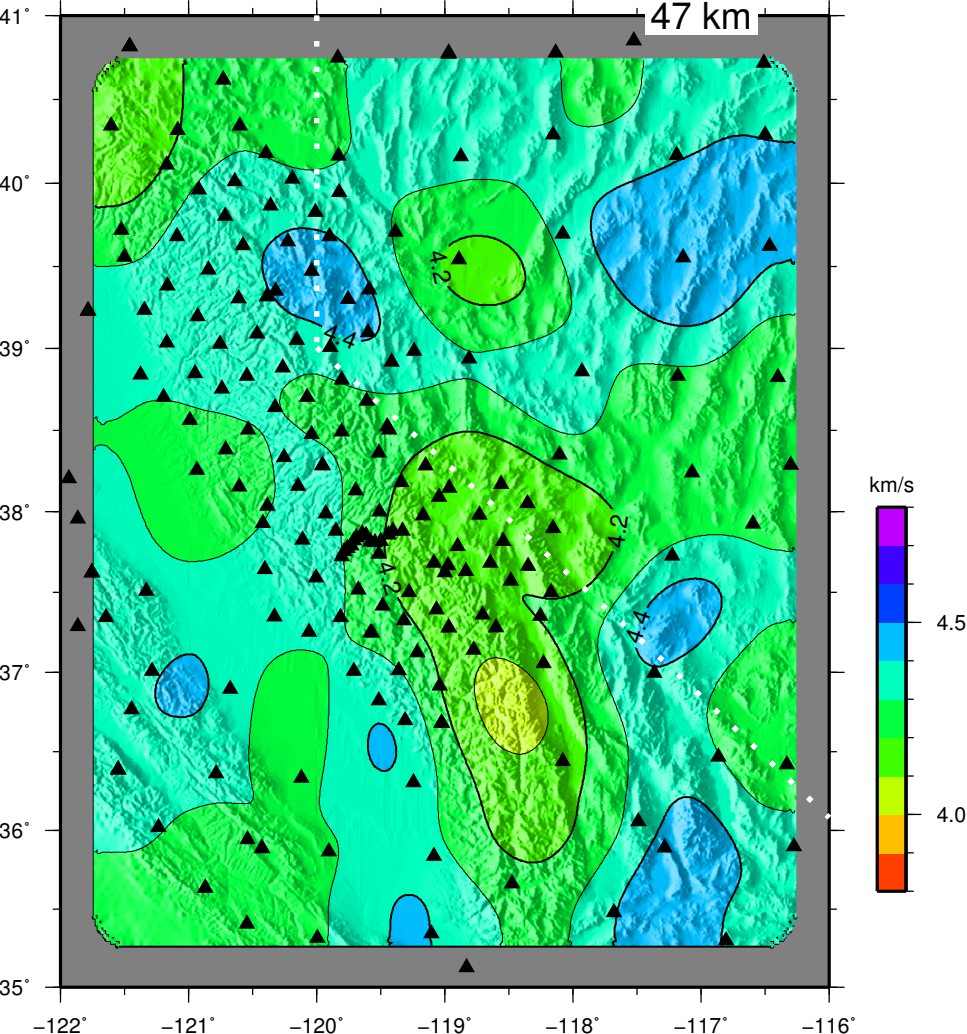

37 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
3.8
3.8
km/s
4.0
3.5
3.0

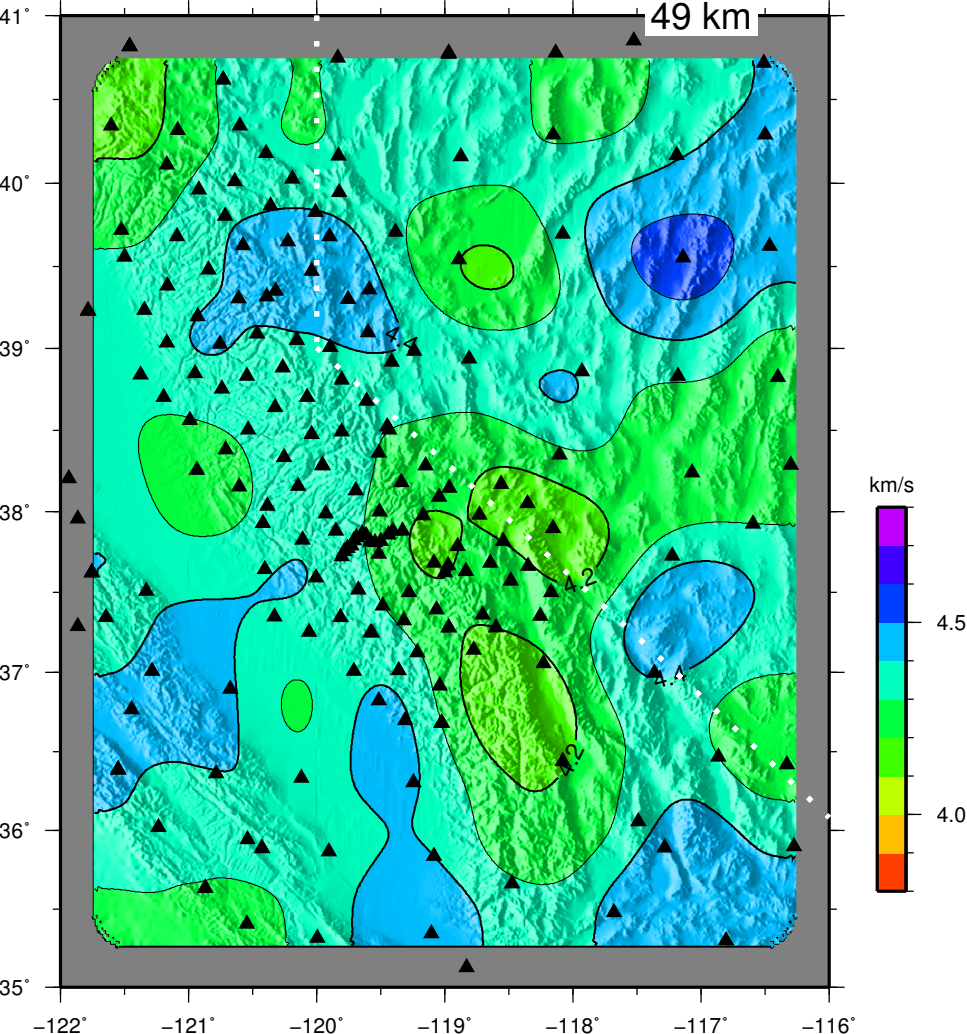

39 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
km/s
4.0
3.5
3.0

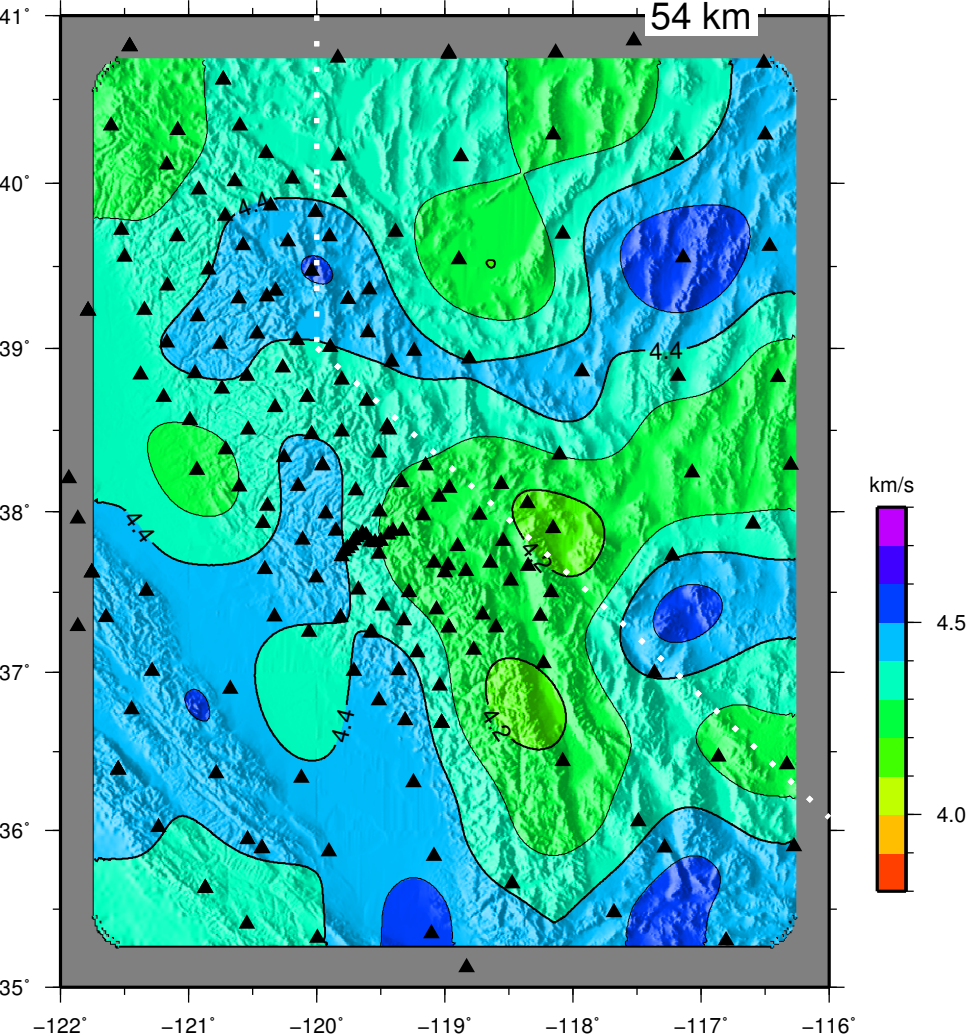

41 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.2
4.2
4.2
km/s
4.5
4.0

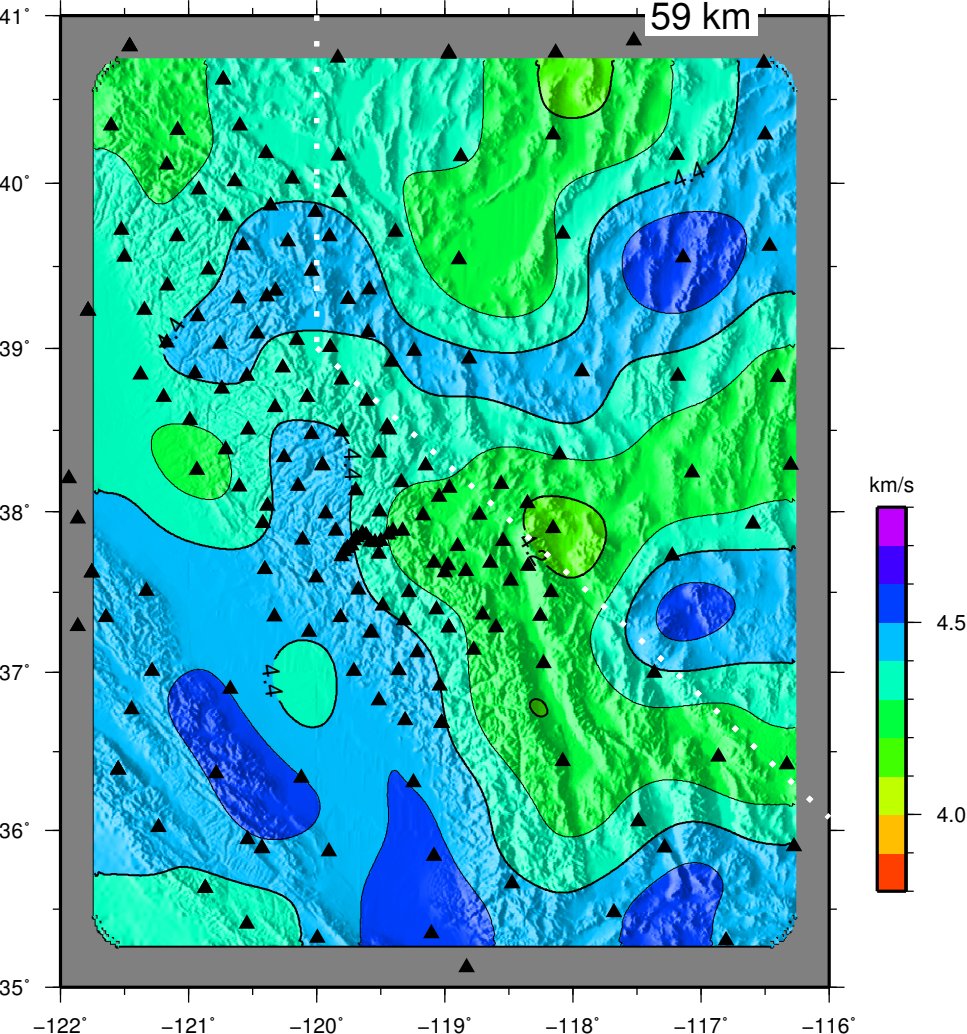

43 km
41°
40°
39°
38°
37°
36°
35°
−122°
−121°
−120°
−119°
−118°
−117°
−116°
4.2
4.2
4
4.2
km/s
4.5
4.0

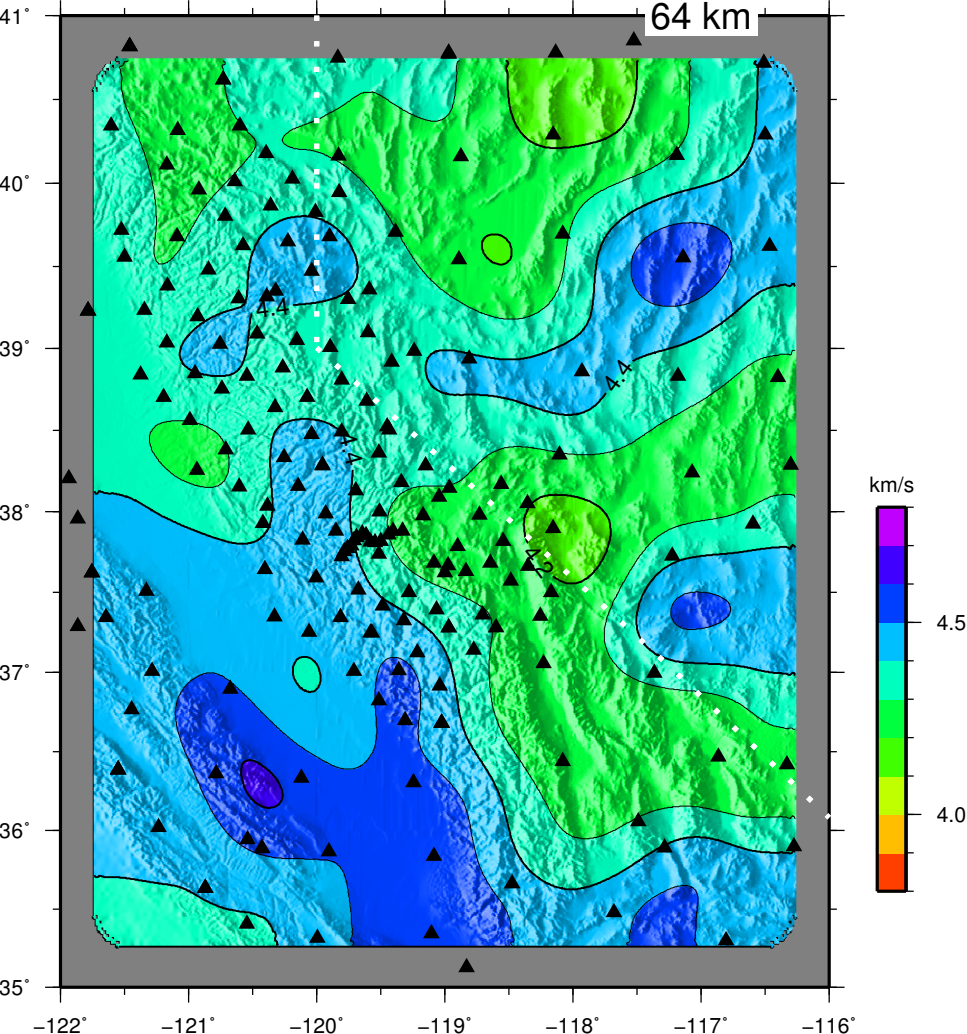

45 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.2
4.4
4.2
4.2
4.2
4.4
4.4
km/s
4.5
4.0

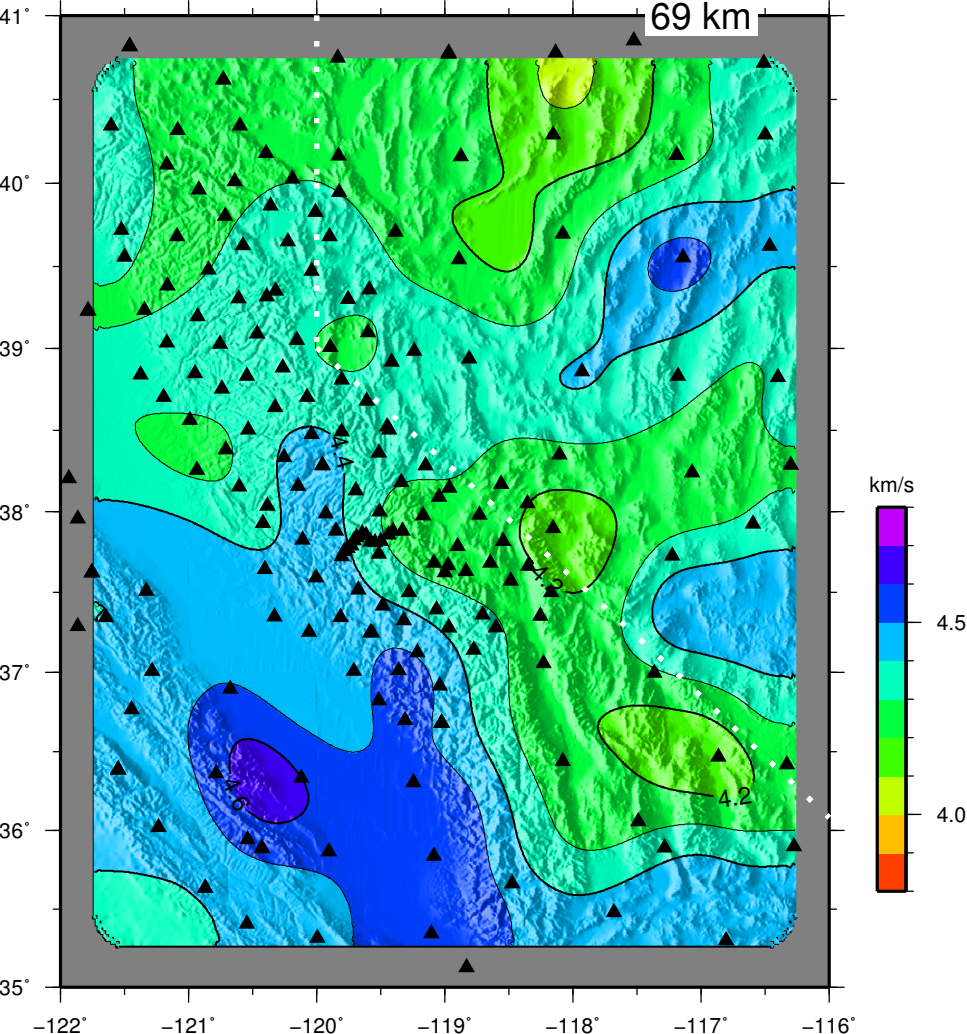

47 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.2
4.4
4.2
4.2
4.4
km/s
4.5
4.0

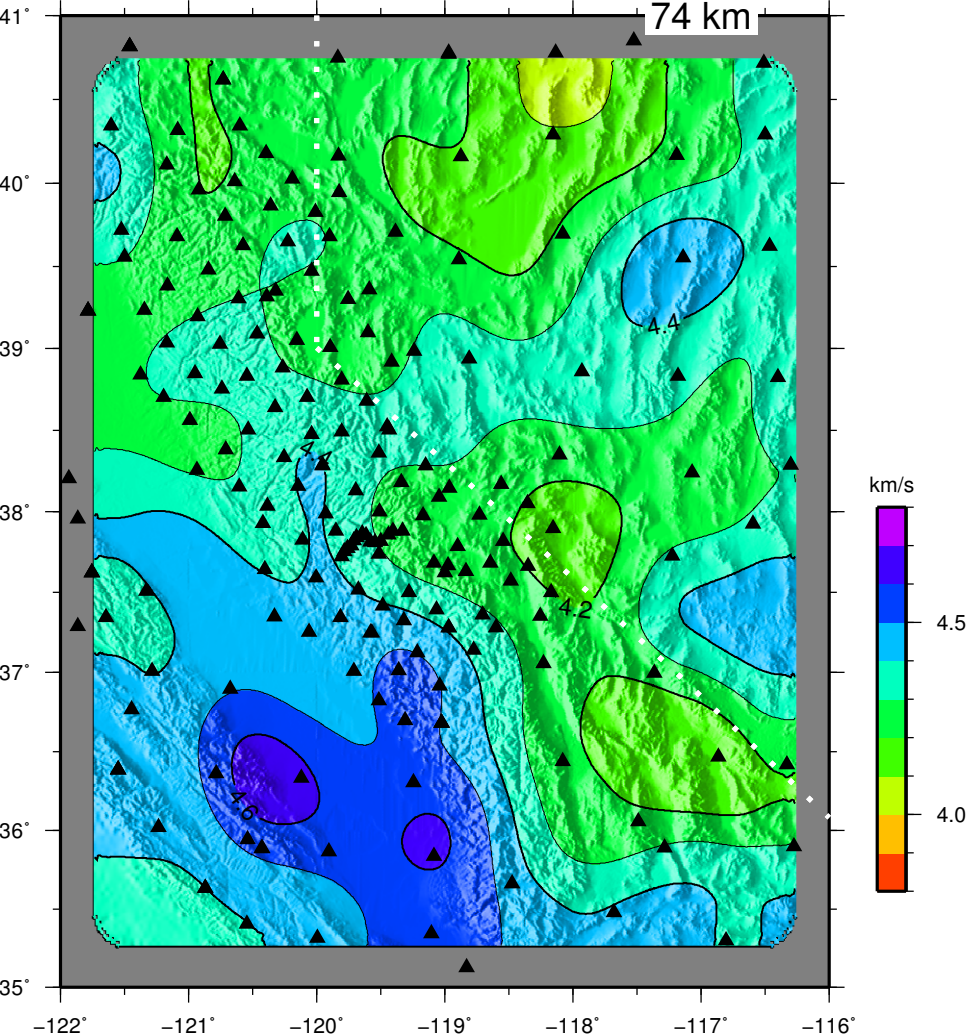

49 km
41°
40°
39°
38°
37°
36°
35°
−122°
−121°
−120°
−119°
−118°
−117°
−116°
4.4
4.2
4.4
4.2
km/s
4.5
4.0

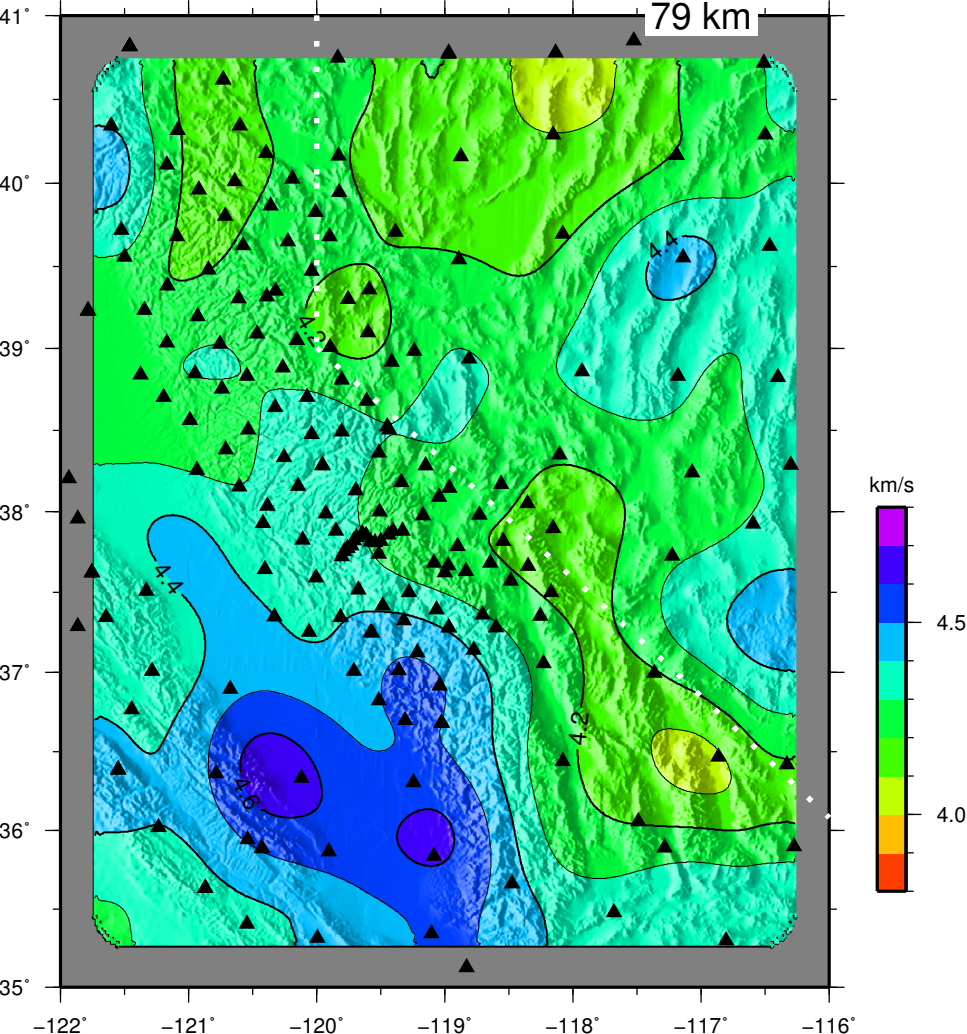

54 km
km/s
4.5
4.0
4.4
4.2
41°
40°
39°
38°
37°
36°
35°
−122°
−121°
−120°
−119°
−118°
−117°
−116°

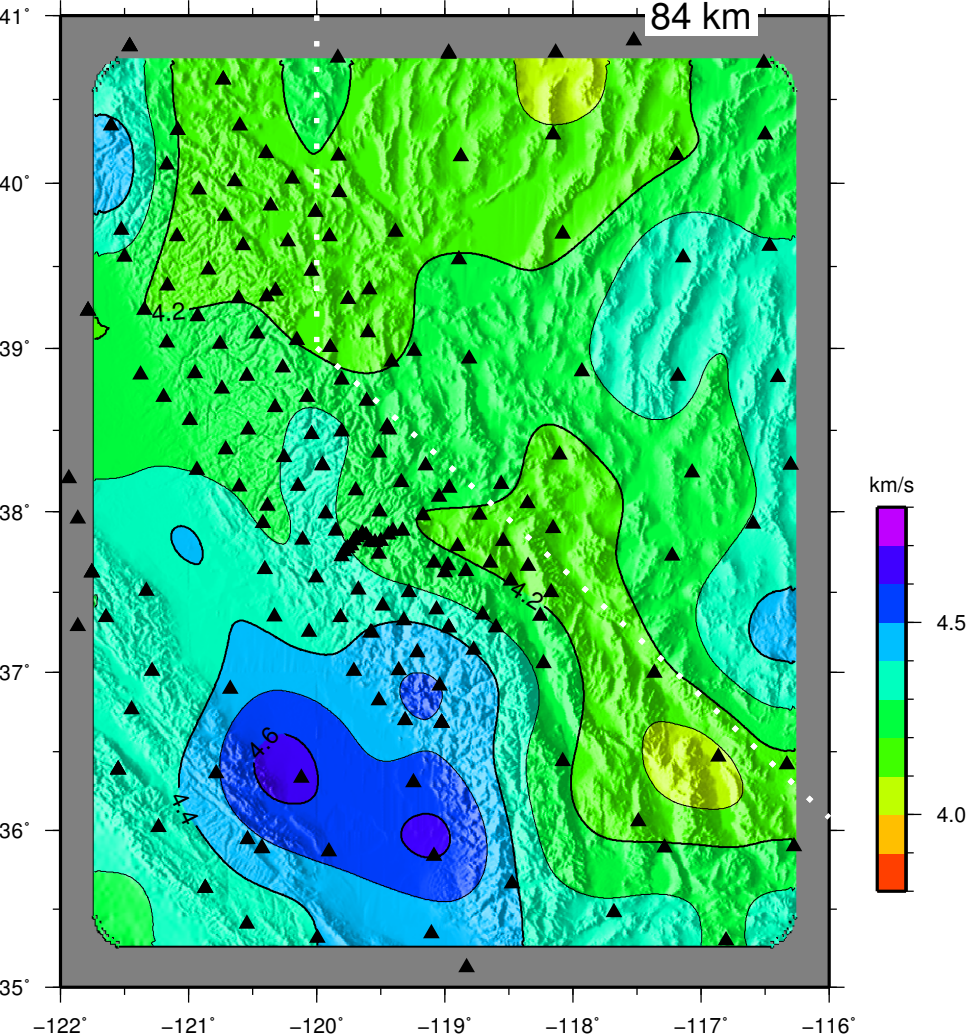

59 km
41°
40°
39°
38°
37°
36°
35°
−122°
−121°
−120°
−119°
−118°
−117°
−116°
4.4
4.4
4.4
4.4
4.4
km/s
4.5
4.0

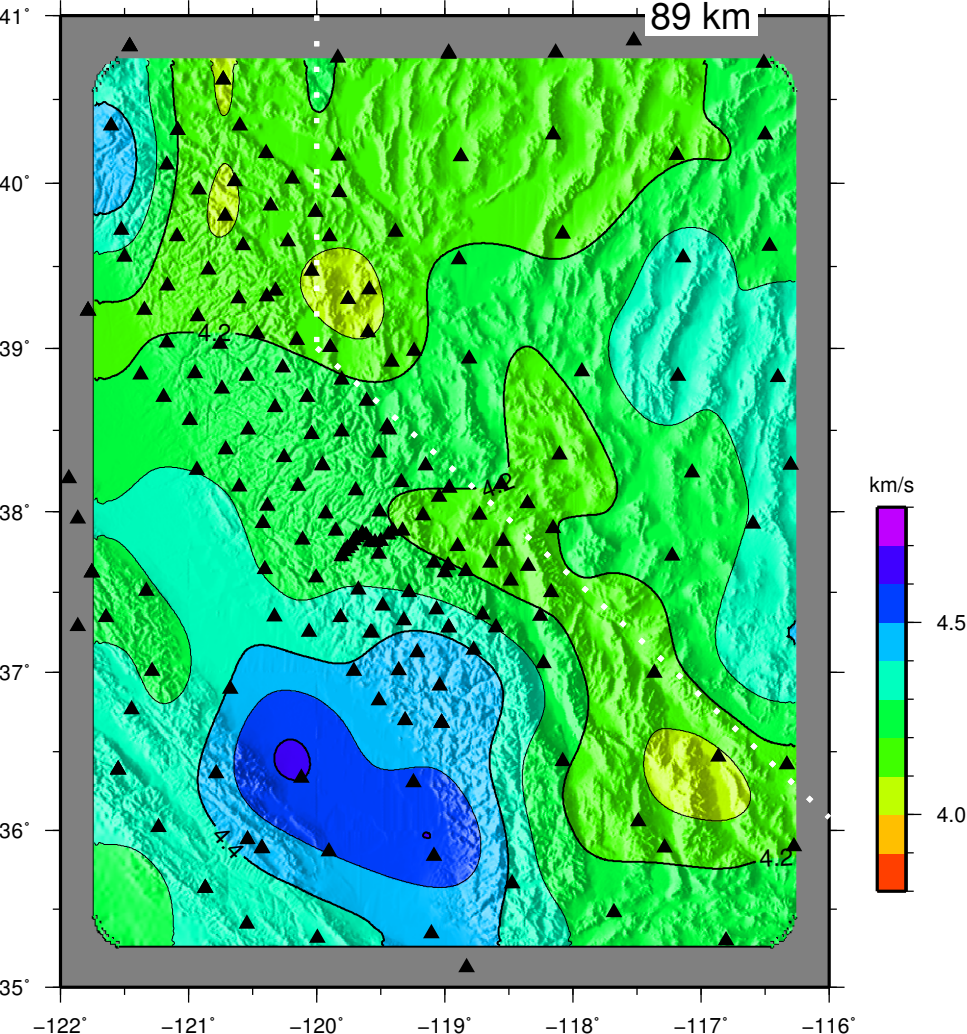

64 km
km/s
4.5
4.0
4.4
4.4
4.4
4.2
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚

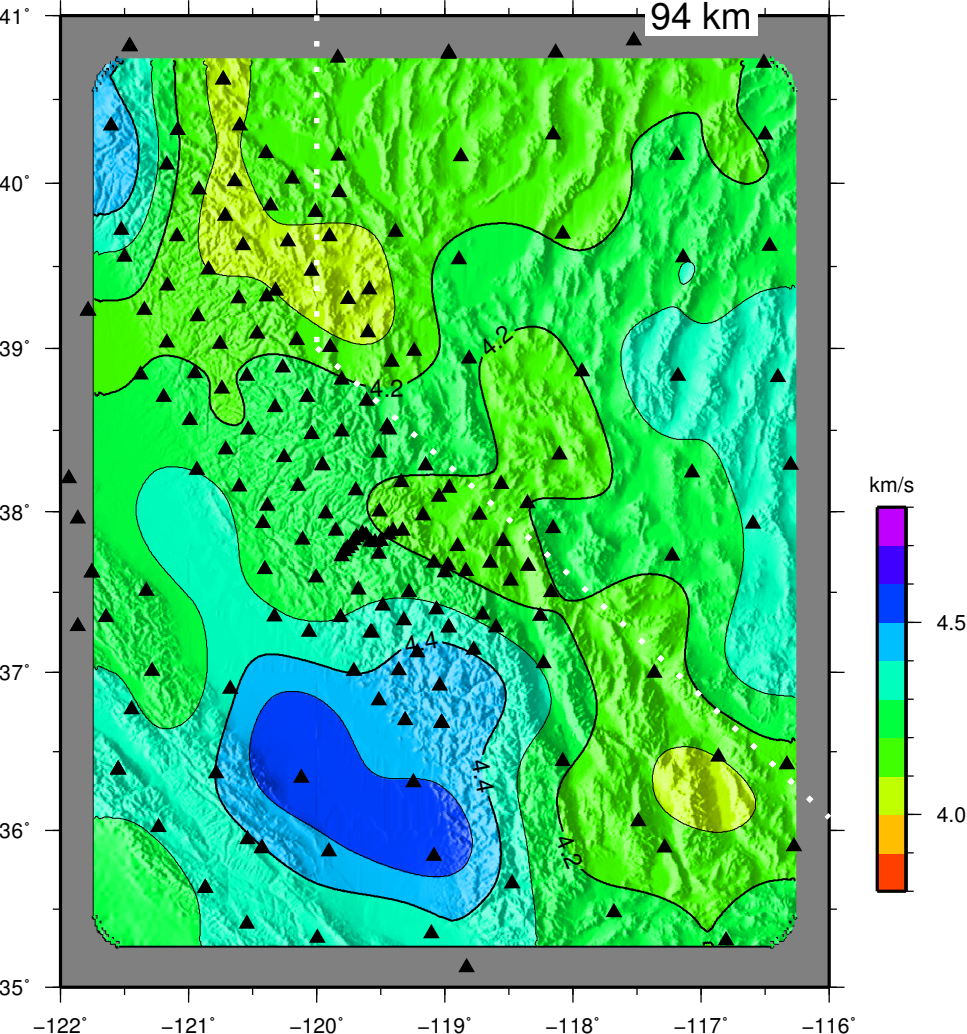

69 km
km/s
4.5
4.0
4.2
4.4
4.6
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚

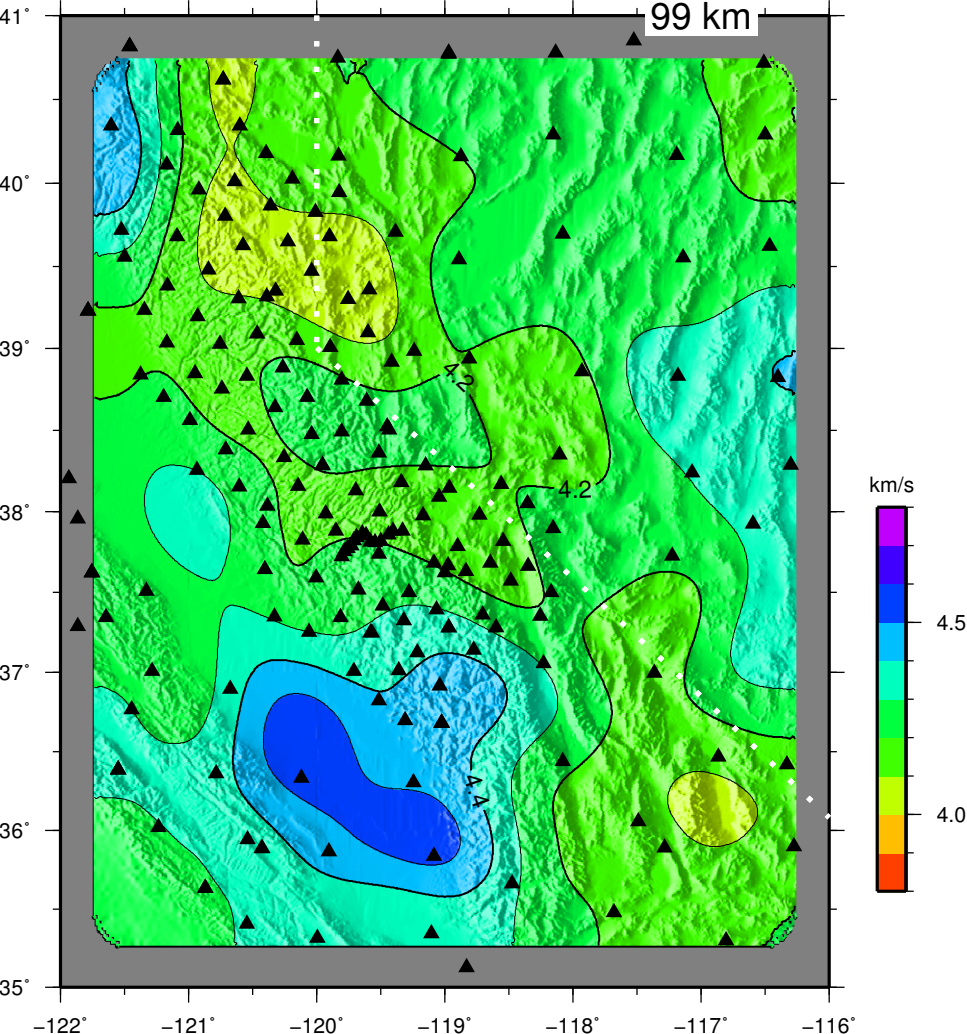

74 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.4
4.2
4.6
km/s
4.5
4.0

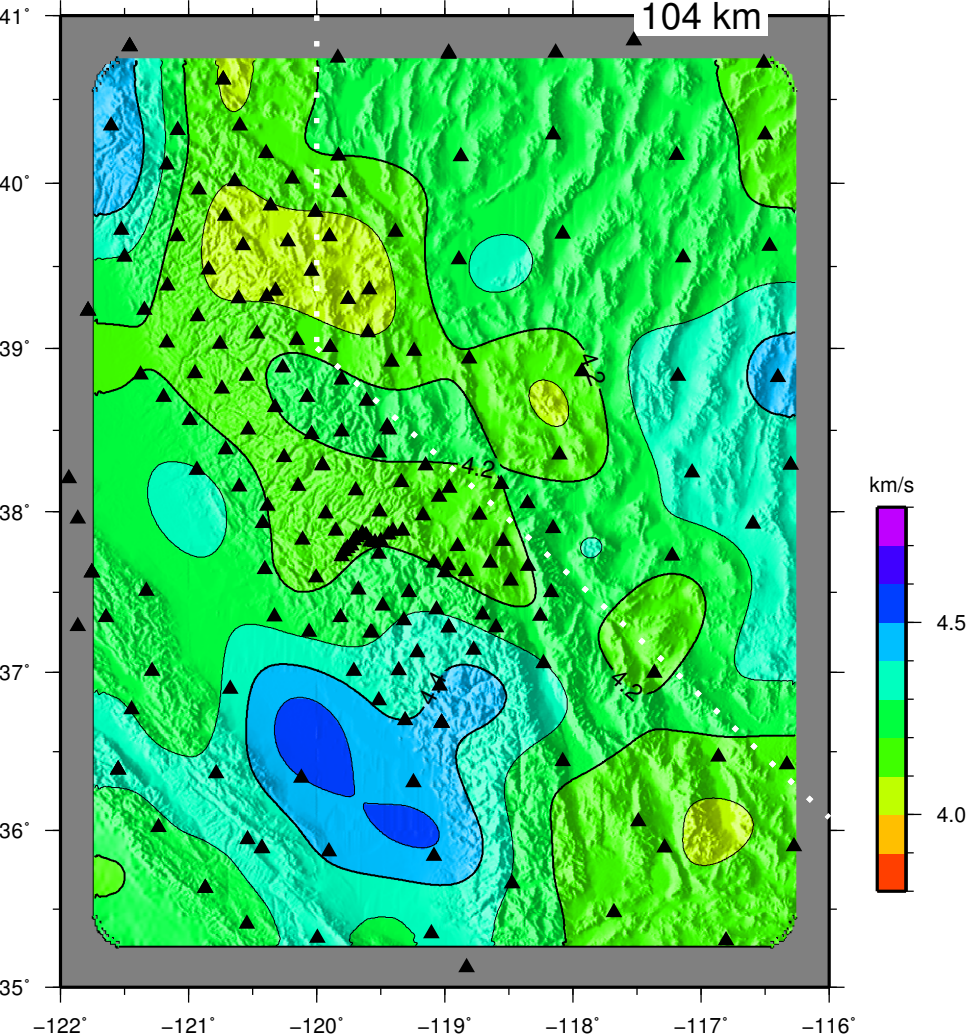

79 km
41°
40°
39°
38°
37°
36°
35°
−122°
−121°
−120°
−119°
−118°
−117°
−116°
4.4
4.2
4.4
4.4
4.2
4.6
km/s
4.5
4.0

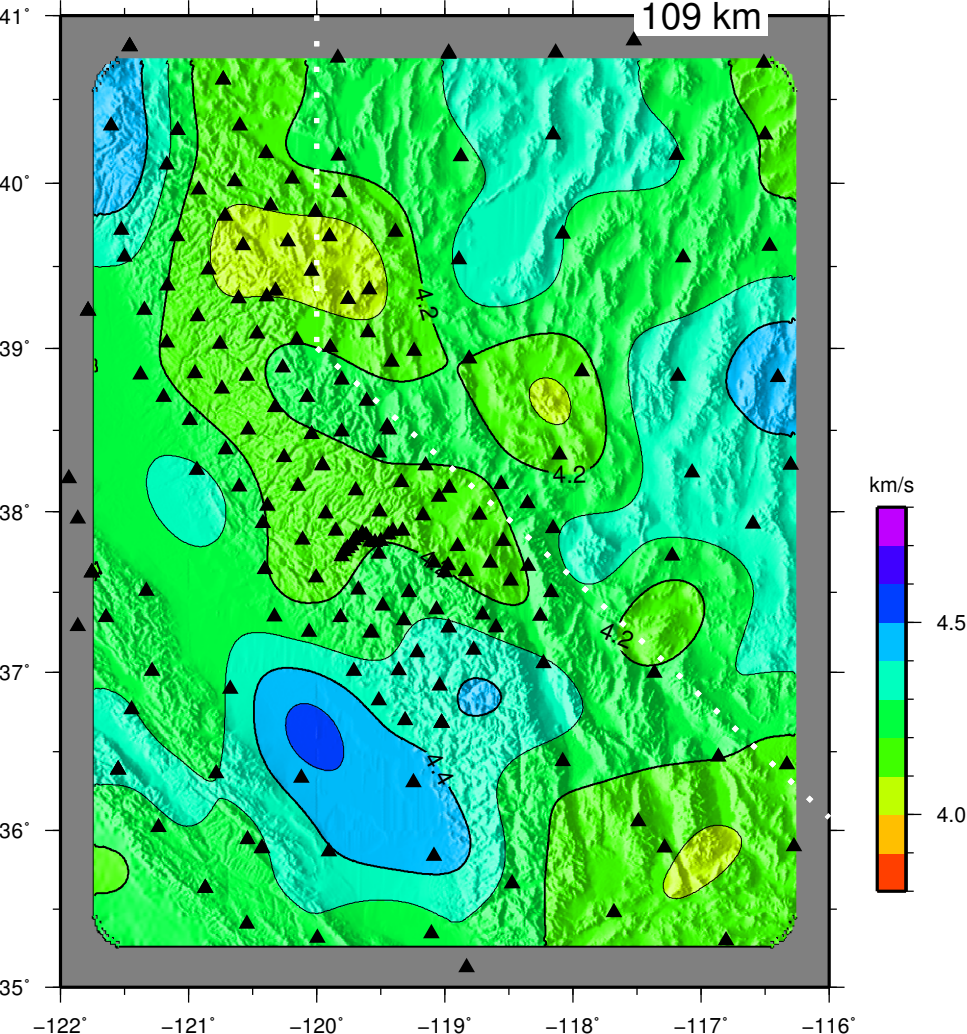

84 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.2
4.2
4.6
4.4
km/s
4.5
4.0

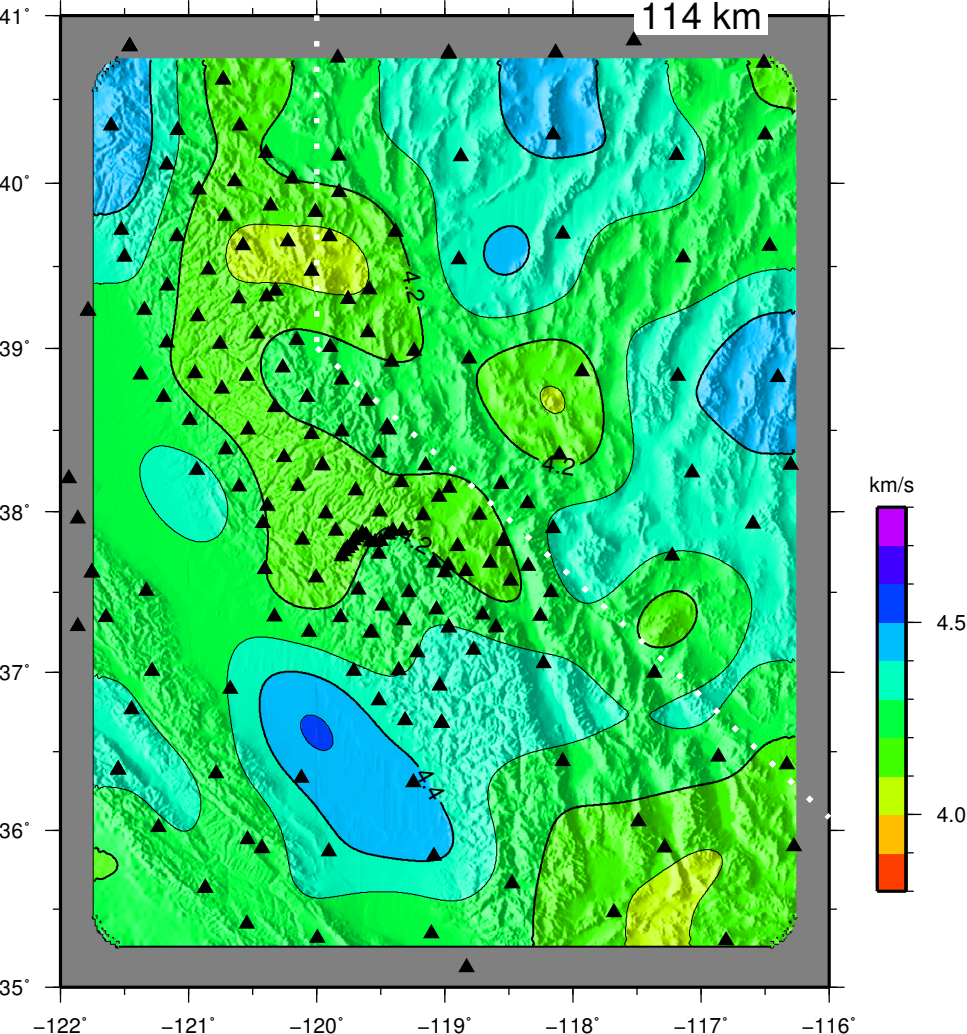

89 km
41°
40°
39°
38°
37°
36°
35°
−122°
−121°
−120°
−119°
−118°
−117°
−116°
4.2
4.2
4.4
4.2
km/s
4.5
4.0

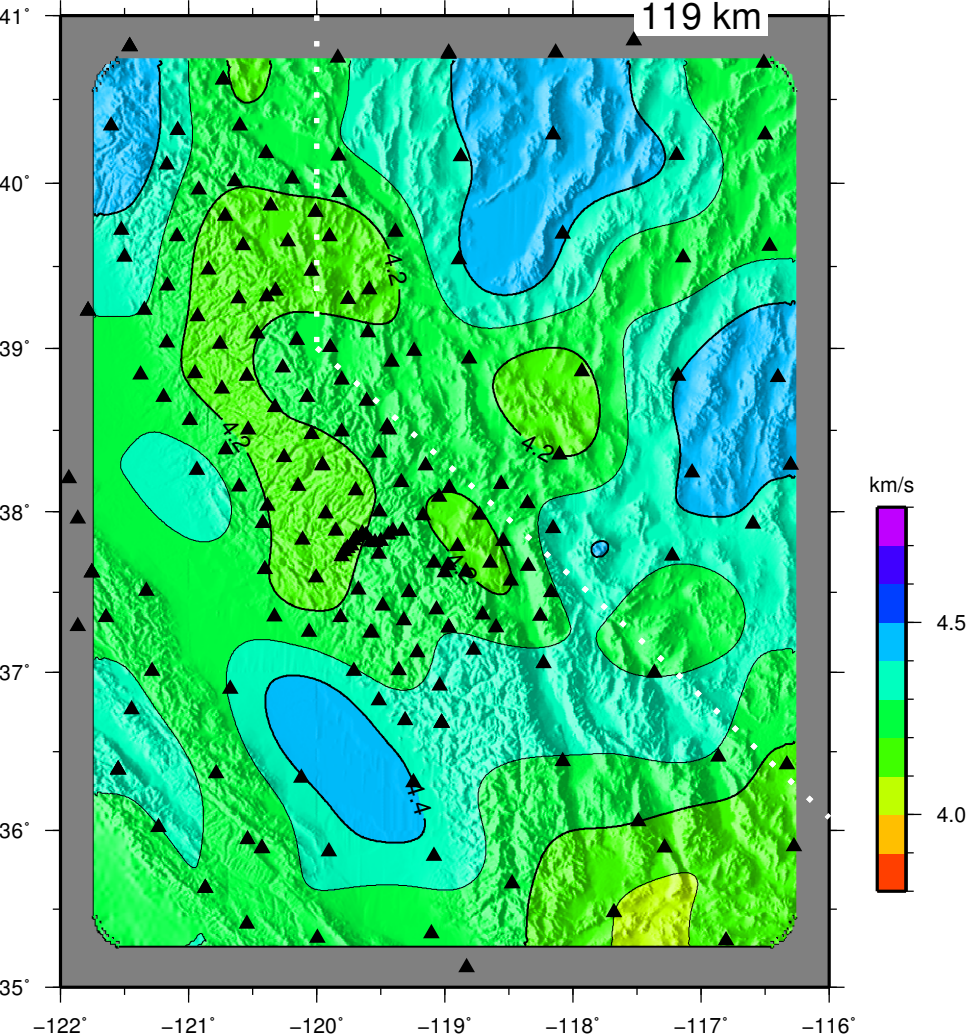

94 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.2
4.2
4.4
4.4
4.2
km/s
4.5
4.0

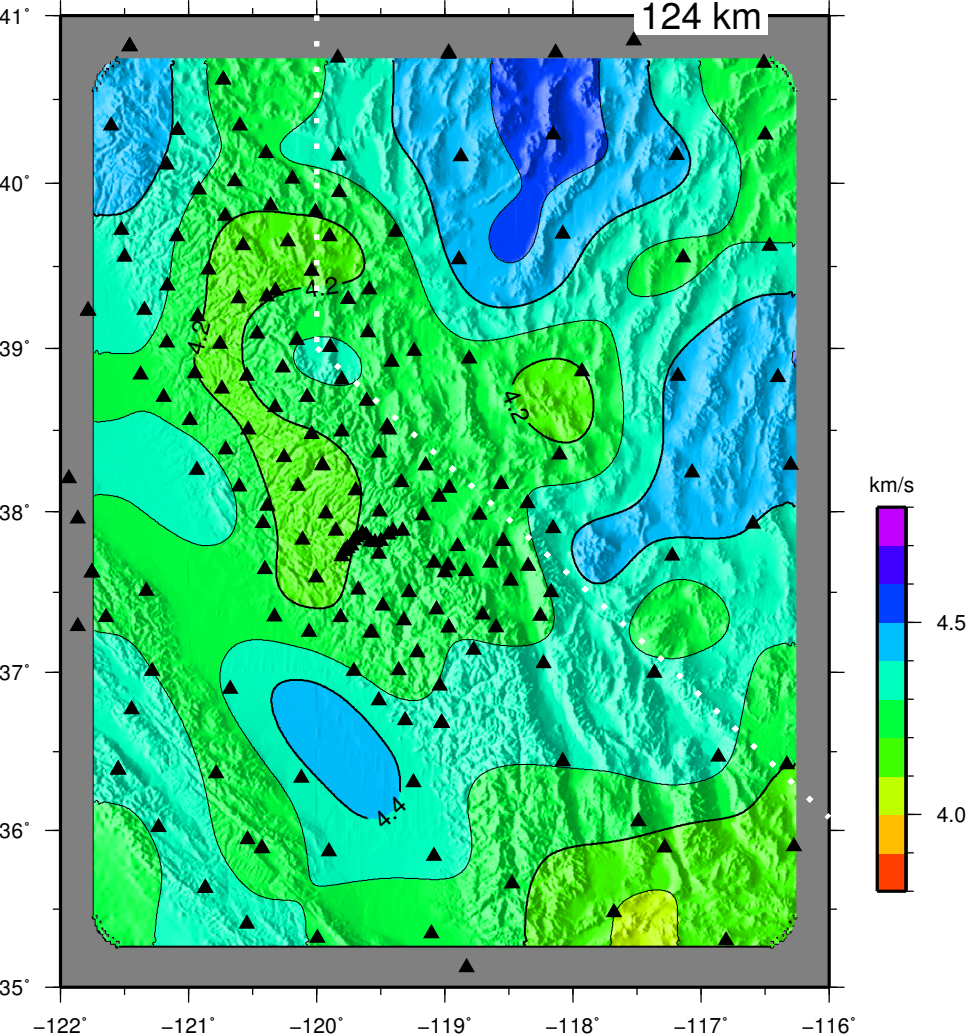

99 km
4.2
4.2
4.4
km/s
4.5
4.0
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚

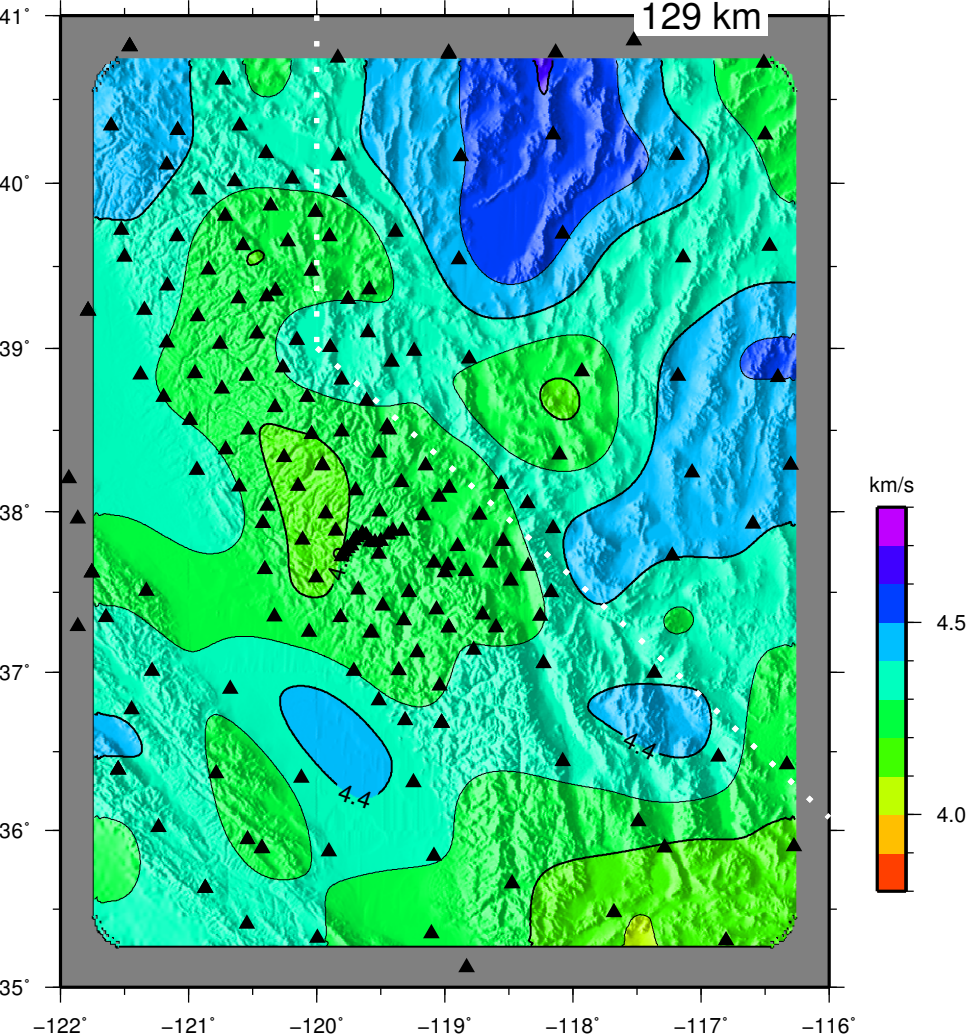

104 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.2
4.2
4.2
4.2
km/s
4.5
4.0

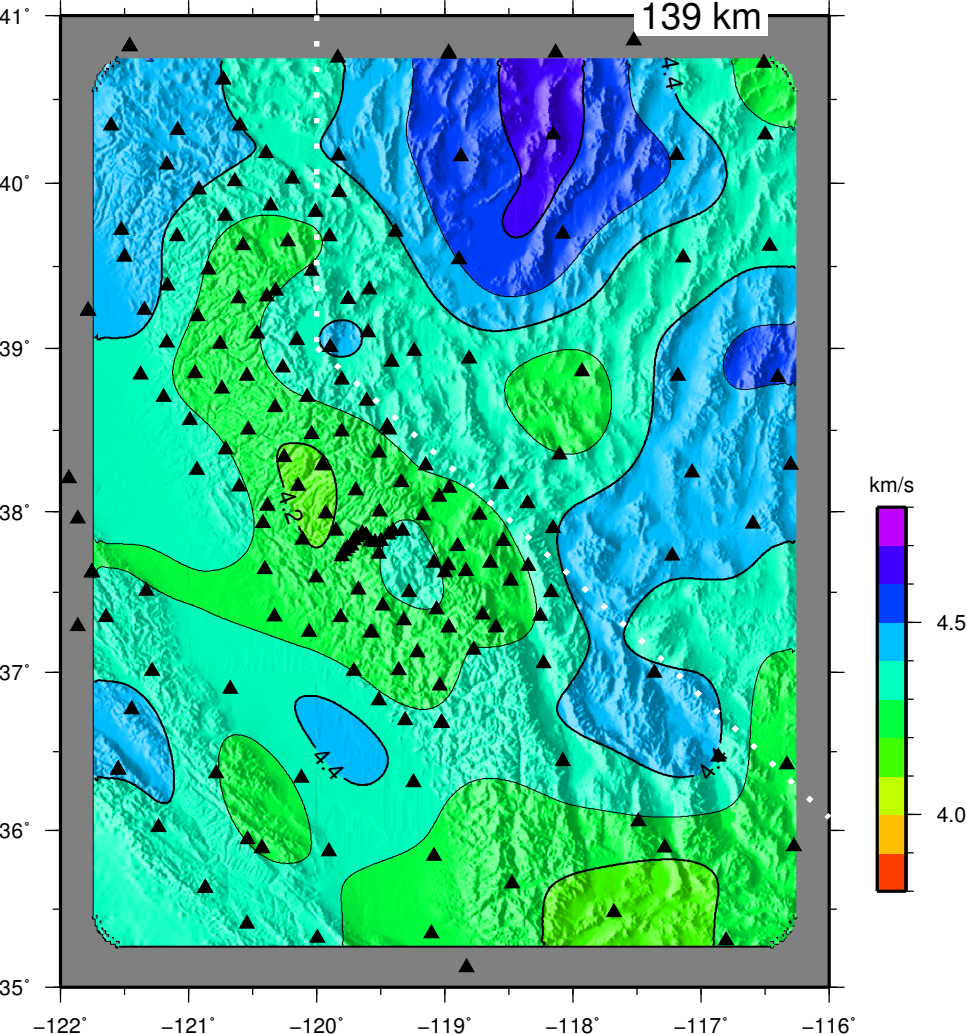

109 km
41°
40°
39°
38°
37°
36°
35°
−122°
−121°
−120°
−119°
−118°
−117°
−116°
4.2
4.2
4.2
4.4
km/s
4.5
4.0

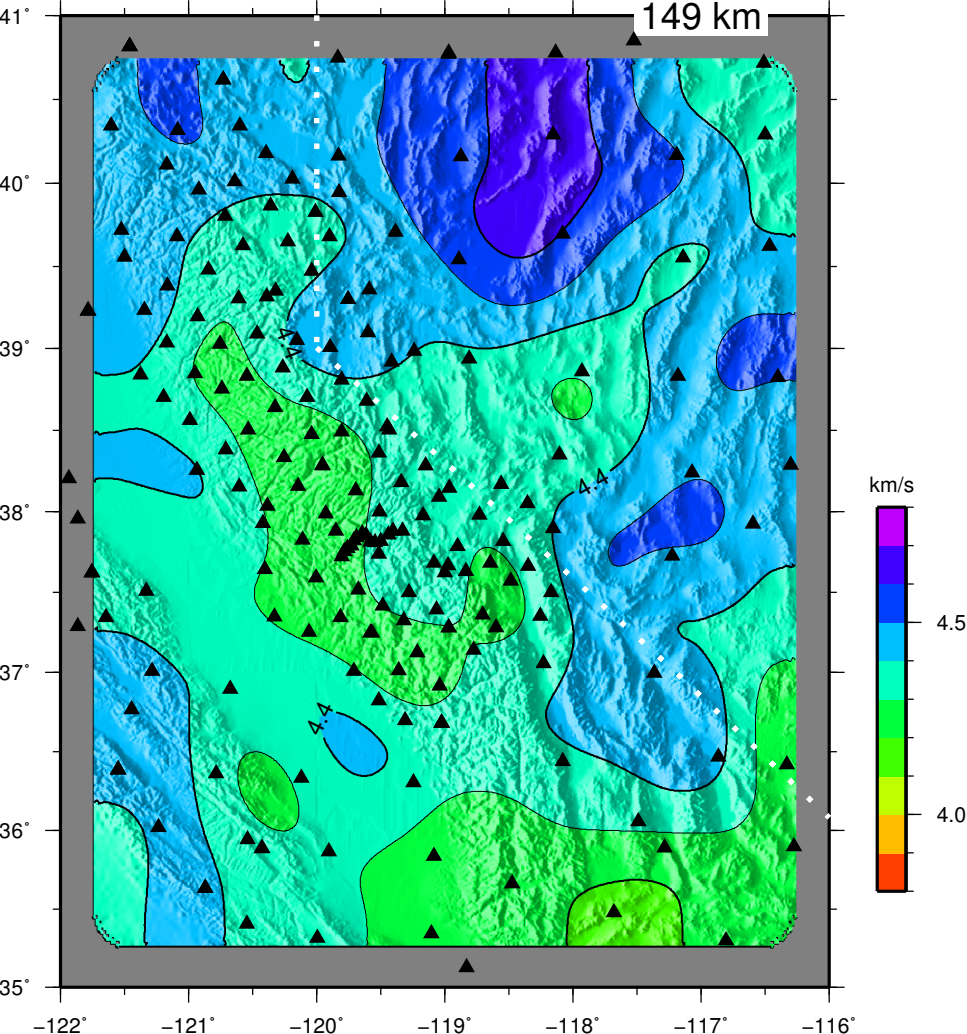

114 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.2
4.2
4.2
4.4
km/s
4.5
4.0

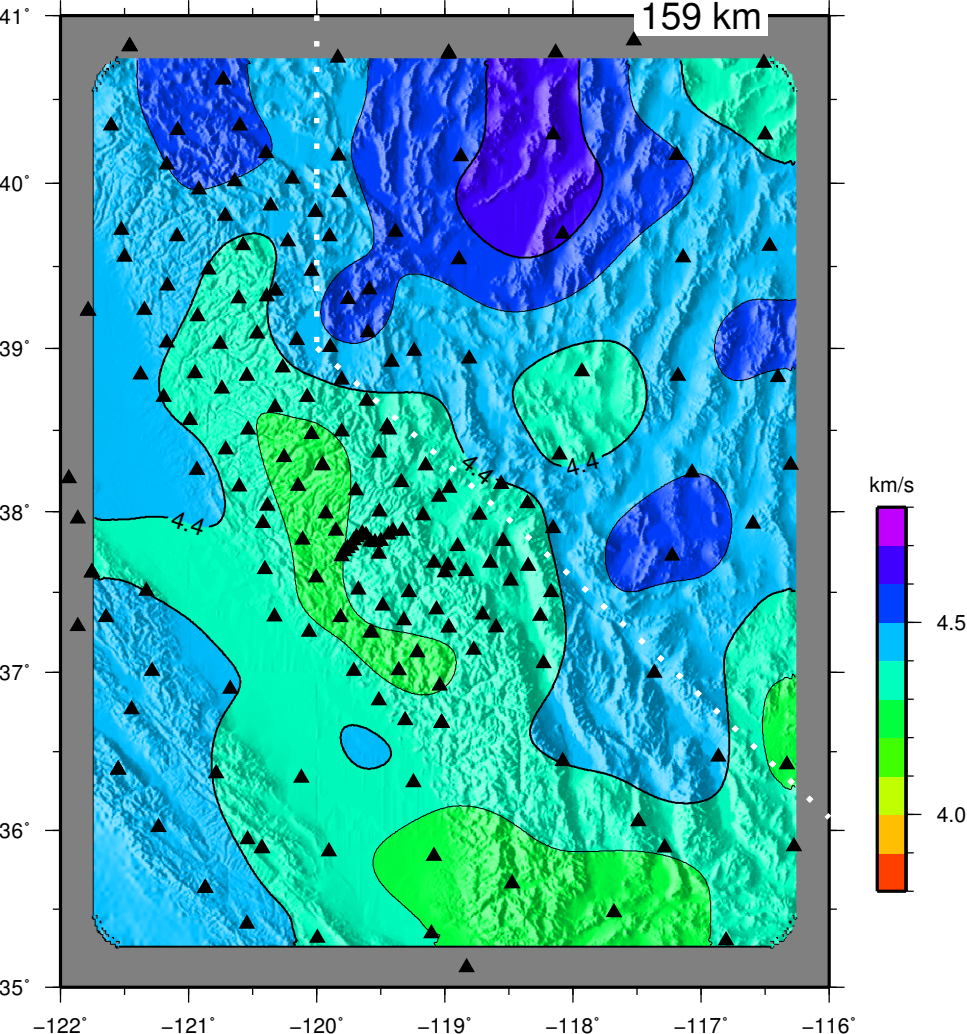

119 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.2
4.2
4.2
4.4
km/s
4.5
4.0

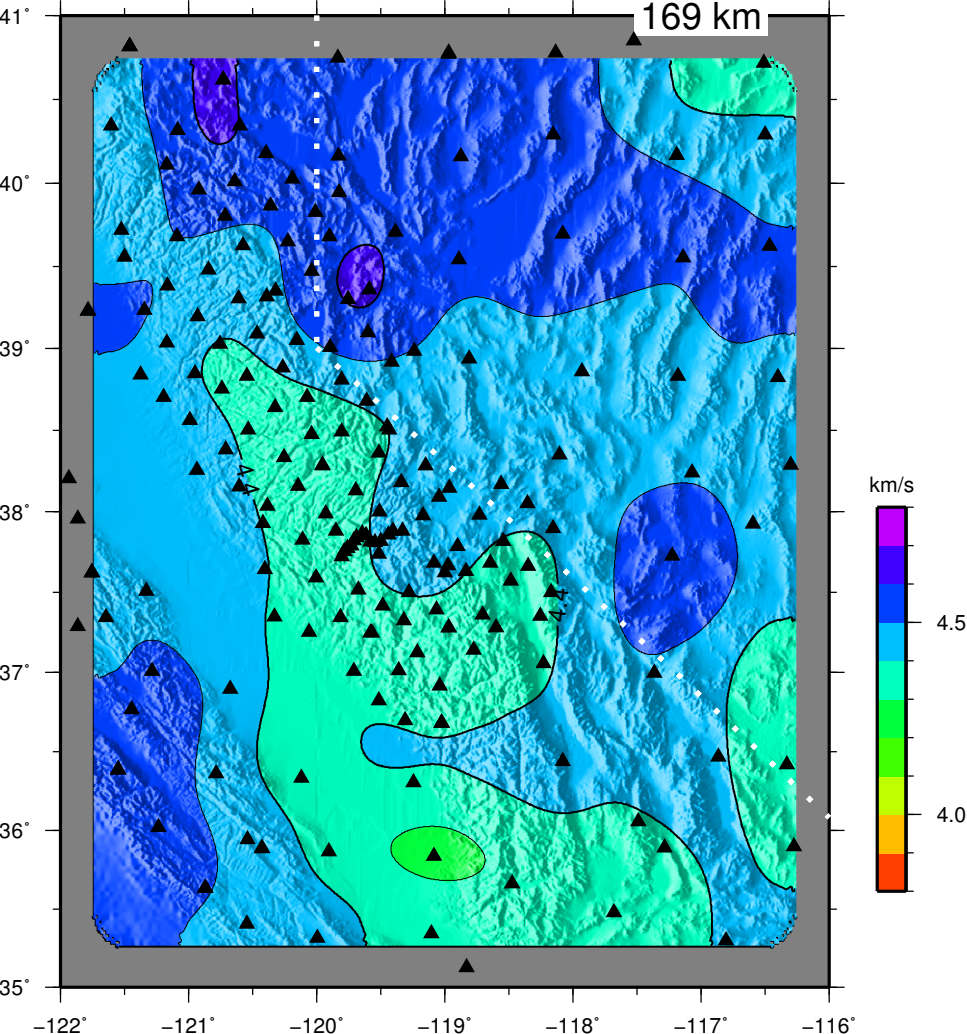

124 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.2
4.2
4.2
4.4
km/s
4.5
4.0


129 km
km/s
4.5
4.0
4.4
4.4
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚


139 km
4.4
4.2
4.4
4.4
km/s
4.5
4.0
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚


149 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.4
4.4
4.4
km/s
4.5
4.0


159 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.4
4.4
4.4
km/s
4.5
4.0


169 km
41˚
40˚
39˚
38˚
37˚
36˚
35˚
−122˚
−121˚
−120˚
−119˚
−118˚
−117˚
−116˚
4.7
4.4
km/s
4.5
4.0