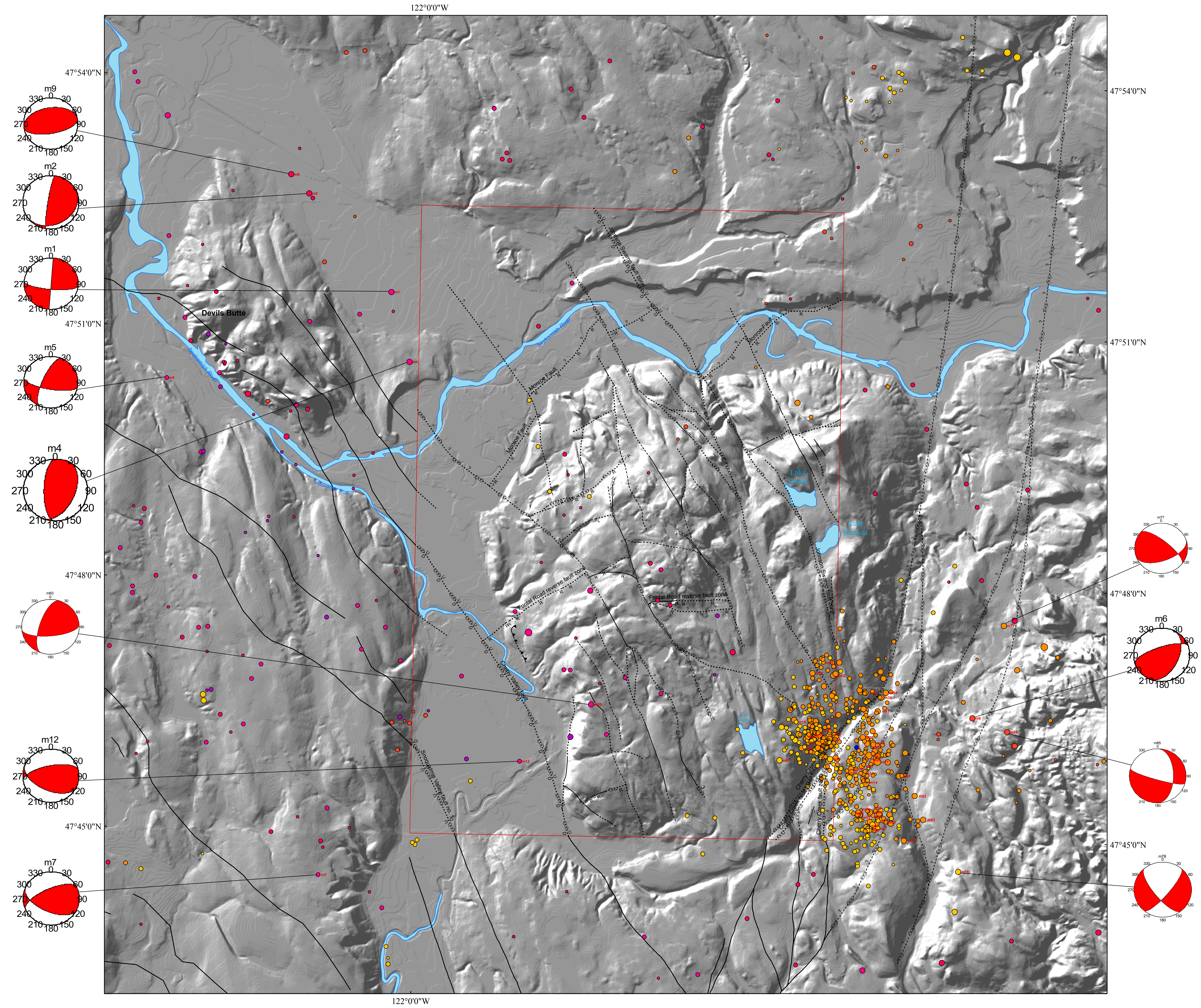


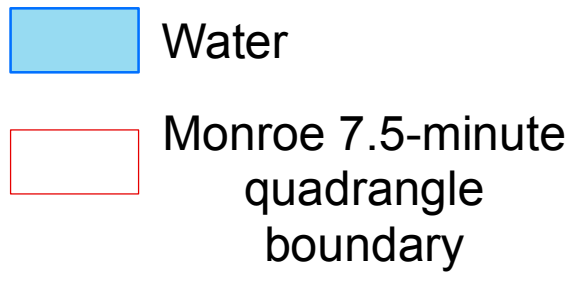
Plate 1. Earthquake epicenters in and around the Monroe 7.5-minute quadrangle. SWIF faults to the west of the Monroe quadrangle from Sherrod and others (2008). The Duvall earthquake swarm is in the southeastern and southwestern part of the Monroe and Sultan 7.5-minute quadrangles respectively. See Plate 2 for detailed map of the Duvall earthquake swarm. Some of the moderately deep earthquakes along the projection of the Cherry Valley fault zone in the Maltby 7.5-minute quadrangle might possibly be related to active offset along the fault. Note the shallow earthquakes along the possible projection of the Cherry Creek fault zone in the northeastern part of the plate.



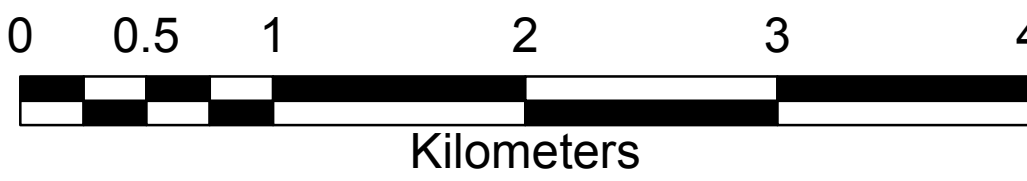
EARTHQUAKE EPICENTERS

0 - 4.9 km	5.0 - 9.9 km	10.0 - 14.9 km	15.0 - 19.9 km
0 - 1	0 - 1	0 - 1	0 - 1
1 - 2	1 - 2	1 - 2	1 - 2
2 - 3	2 - 3	2 - 3	2 - 3
3 - 4	3 - 4	3 - 4	3 - 4
4 - 6	4 - 6	4 - 6	4 - 6

20.0 - 24.9 km	25.0 - 29.9 km	35 km
0 - 1	0 - 1	0 - 1
1 - 2	1 - 2	1 - 2
2 - 3	2 - 3	2 - 3
3 - 4	3 - 4	3 - 4
4 - 6	4 - 6	4 - 6



SCALE 1:30,000



FAULTS

Reverse fault - Identity and existence certain, location accurate. R on upthrown block.	Left-lateral strike-slip fault - Identity and existence certain, location accurate. Arrows show relative motion.
Reverse fault - Identity or existence questionable, location accurate. R on upthrown block.	Left-lateral strike-slip fault - Identity and existence certain, location inferred. Arrows show relative motion.
Reverse fault - Identity and existence certain, location inferred. R on upthrown block.	Left-lateral strike-slip fault - Identity or existence questionable, location inferred. Arrows show relative motion.
Reverse fault - Identity or existence questionable, location inferred. R on upthrown block.	Left-lateral strike-slip fault - Identity and existence certain, location concealed. Arrows show relative motion.
Reverse fault - Identity and existence certain, location concealed. R on upthrown block.	Left-lateral strike-slip fault - Identity or existence questionable, location concealed. Arrows show relative motion.
Reverse fault - Identity or existence questionable, location concealed. R on upthrown block.	Reverse left-lateral strike-slip fault - Identity and existence certain, location accurate. Arrows show relative horizontal motion; R on upthrown block.
Thrust fault - Identity and existence certain, location accurate. Sawteeth on upper plate.	Reverse left-lateral strike-slip fault - Identity and existence certain, location inferred. Arrows show relative horizontal motion; R on upthrown block.
Thrust fault - Identity and existence certain, location concealed. Sawteeth on upper plate.	Reverse left-lateral strike-slip fault - Identity and existence certain, location concealed. Arrows show relative horizontal motion; R on upthrown block.
Right-lateral strike-slip fault - Identity and existence certain, location accurate. Arrows show relative motion.	Reverse left-lateral strike-slip fault - Identity or existence questionable, location concealed. Arrows show relative horizontal motion; R on upthrown block.
Right-lateral strike-slip fault - Identity and existence certain, location inferred. Arrows show relative motion.	High-angle right-lateral, oblique-slip fault - Identity and existence certain, location concealed. Arrows show relative horizontal motion; U, upthrown block; D, downthrown block.
Right-lateral strike-slip fault - Identity or existence questionable, location inferred. Arrows show relative motion.	Fault, unknown offset - Identity and existence certain, location accurate [1]
Right-lateral strike-slip fault - Identity and existence certain, location concealed. Arrows show relative motion.	Fault, unknown offset - Identity and existence certain, location inferred [49]
Right-lateral strike-slip fault - Identity or existence questionable, location concealed. Arrows show relative motion.	Fault, unknown offset - Identity or existence questionable, location inferred [92]
	Fault, unknown offset - Identity and existence certain, location concealed [3]
	Fault, unknown offset - Identity or existence questionable, location concealed [6]