

a.

Time from origin [s]	Moment Rate	FinDer (current line-source)		FinDerS (current slip profile)		FinDerS+ (predicted slip profile)			PGD scaling (M_{PGD})					
	M_{sr}	L_{FD} [km]	M_{FD}	D_{mean} [m]	M_{FDS}	L_{FDS+} [km]	D_{mean} [m]	M_{FDS+}	$M_{PGD}^{Crowell}$	$M_{PGD}^{Crowell}_{GNSS}$	M_{PGD}^{Melgar}	$M_{PGD}^{Melgar}_{GNSS}$	M_{PGD}^{Ruhl}	$M_{PGD}^{Ruhl}_{GNSS}$
5	6.1	(first solution at 8s)	(first solution at 8s)	-	-	-	-	-	5.4	-	5.4	-	5.0	-
10	6.8	7	5.6	-	-	-	-	-	6.0	6.2	5.9	6.1	5.7	5.8
15	6.9	29	6.5	0.5	6.6	30	0.4	6.6	6.5	6.7	6.5	6.7	6.3	6.5
20	7.0	45	6.8	0.7	6.8	75	0.6	6.9	6.6	6.8	6.6	6.8	6.4	6.6
25	7.0	45	6.8	0.8	6.9	91	0.6	7.0	6.7	6.8	6.6	6.8	6.4	6.6
30	7.0	53	6.9	0.8	6.9	239	0.5	7.3	6.8	6.9	6.7	6.9	6.4	6.7