

Table S2: Continuous GPS station information and data

stat	lon	lat	yr1	yr2	nobs	vel E	vel N	vel V	unc E	unc N	unc V	pred E	pred N	pred V
CHO1	-121.665	39.433	1999	2008	2984	-9.73	8.04	0.60	0.24	0.19	0.28	-8.91	7.36	0.43
CHO5	-121.665	39.433	2008	2013	1819	-9.82	7.42	1.05	0.28	0.21	0.46	-8.91	7.36	0.43
FARB	-123.001	37.697	1999	2013	4928	-26.93	38.09	-0.10	0.15	0.14	0.17	-28.22	38.19	0.19
HOPB	-123.075	38.995	1999	2013	4746	-17.91	22.68	0.87	0.19	0.22	0.47	-18.10	23.25	0.22
P059	-123.726	38.928	2006	2013	2443	-24.56	36.75	0.05	0.20	0.21	0.27	-25.57	34.70	0.10
P184	-123.709	39.117	2007	2013	2251	-22.83	31.51	0.22	0.23	0.22	0.39	-23.23	30.71	-0.20
P185	-123.749	39.261	2006	2013	2456	-22.38	30.23	-0.43	0.20	0.21	0.25	-22.87	29.46	-0.68
P186	-123.518	39.150	2007	2013	2251	-20.50	26.92	0.72	0.23	0.26	0.55	-21.01	26.81	-0.00
P187	-123.603	39.352	2005	2013	2767	-21.90	25.17	1.58	0.38	0.22	0.33	-21.45	26.06	-0.64
P189	-123.348	38.987	2005	2013	2858	-19.98	27.51	1.14	0.40	0.19	0.23	-20.16	26.37	0.43
P190	-123.204	39.242	2005	2013	2807	-16.50	18.87	1.47	0.19	0.20	0.22	-16.97	18.69	1.29
P192	-123.105	39.320	2005	2013	2897	-14.85	15.84	1.08	0.19	0.19	0.23	-15.00	15.51	0.97
P203	-122.917	38.866	2007	2013	2212	-14.83	17.11	0.71	1.95	0.24	0.42	-15.24	17.94	1.57
P205	-122.963	39.398	2007	2013	2269	-13.79	14.07	0.65	0.24	0.25	0.37	-13.53	13.92	0.82
P207	-122.719	39.260	2008	2013	1834	-11.59	8.34	0.42	0.25	0.28	0.33	-11.02	9.10	0.33
P269	-122.355	39.000	2008	2013	1908	-8.48	8.74	0.17	0.24	0.25	0.35	-9.11	9.83	0.73
P270	-122.055	39.244	2005	2013	2838	-9.76	7.29	-0.55	0.19	0.19	0.36	-8.97	7.98	0.44
P272	-121.943	39.145	2005	2013	2826	-9.12	6.57	-1.01	0.21	0.20	0.30	-8.87	7.92	0.45
P312	-123.698	39.529	2006	2013	2582	-22.12	25.61	-2.03	0.21	0.20	0.29	-21.97	25.67	-1.05
P313	-123.565	39.554	2006	2013	2574	-21.48	22.86	-0.78	0.20	0.22	0.24	-21.27	23.90	-0.95
P314	-123.582	39.686	2004	2013	3204	-22.02	20.89	-0.61	0.18	0.18	0.21	-20.93	22.23	-0.80
P315	-123.717	39.864	2005	2013	2931	-21.43	22.05	0.26	0.19	0.41	0.48	-20.24	22.03	-0.59
P317	-123.552	39.906	2006	2013	2584	-17.96	15.78	-0.54	0.23	0.22	0.47	-16.36	15.73	0.44
P318	-123.372	39.452	2008	2013	1996	-17.34	15.66	-0.62	0.24	0.23	0.26	-17.28	15.79	-0.78
P320	-123.187	39.493	2008	2013	1901	-16.78	15.19	0.57	0.24	0.23	0.37	-15.74	14.29	0.64
P322	-123.182	39.962	2008	2013	1832	-10.85	8.72	-0.23	0.29	0.31	0.31	-11.45	8.58	0.11
P333	-122.976	39.621	2007	2013	2124	-11.12	9.22	-0.27	0.25	0.24	0.50	-12.17	8.18	-0.17
P334	-122.736	39.494	2007	2013	1827	-10.40	8.20	0.60	0.22	0.21	0.29	-10.48	8.24	0.12
P336	-122.430	39.528	2007	2013	2147	-9.44	7.45	0.85	0.23	0.25	0.26	-9.81	7.85	0.32
P339	-122.668	40.034	2007	2013	2252	-9.47	7.65	1.34	0.21	0.22	0.41	-10.04	7.00	0.26
P344	-122.028	39.929	2006	2013	2520	-9.54	7.01	0.67	0.22	0.20	0.29	-9.35	7.03	0.37
P345	-122.271	40.271	2005	2013	2745	-8.82	7.15	0.87	0.22	0.20	0.36	-9.32	6.77	0.38
PTRB	-123.019	37.996	1999	2013	4682	-25.56	37.11	-0.30	0.15	0.14	0.17	-27.23	36.32	0.36
SUTB	-121.821	39.206	1999	2013	4818	-10.07	7.56	0.15	0.17	0.15	0.19	-8.86	7.69	0.45