



Supplement of

Surface rupture kinematics of the 2020 M_w 6.6 Masbate (Philippines) earthquake determined from optical and radar data

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S1 Optical Correlation Output Data

S1.1 All Valid Offset Maps

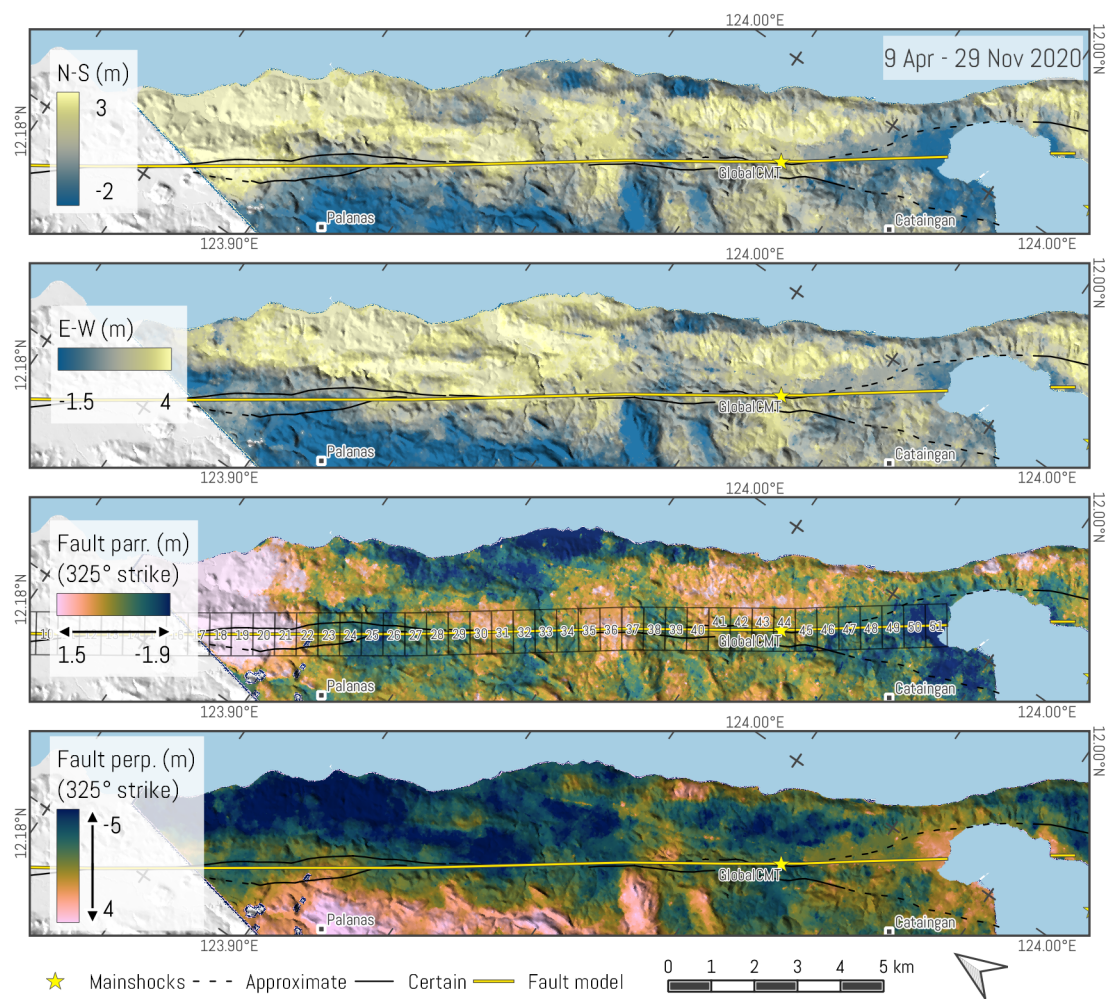


Figure S1: Results of 9 April - 29 November 2020 pair.

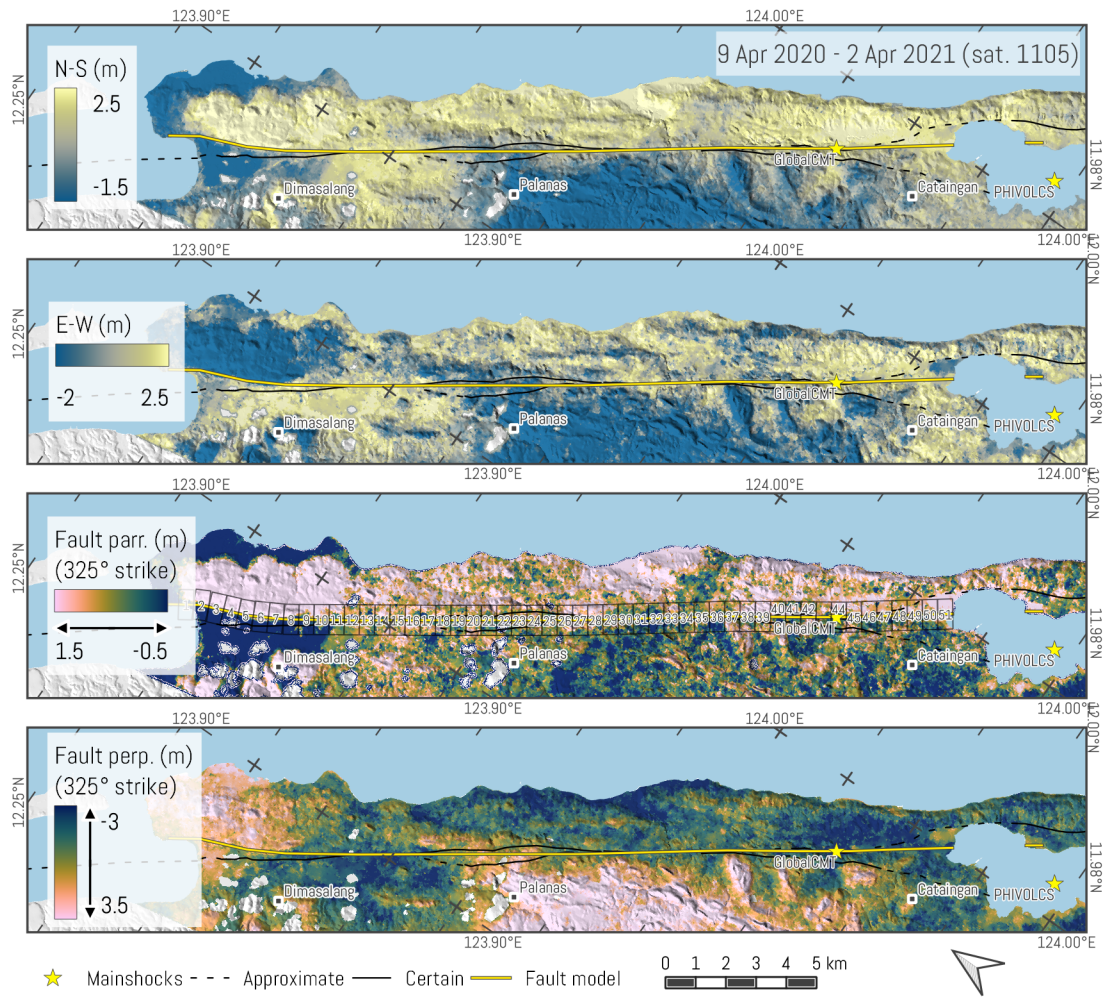


Figure S2: Results of 9 April 2020 (satellite ID 1105) - 2 April 2021 pair.

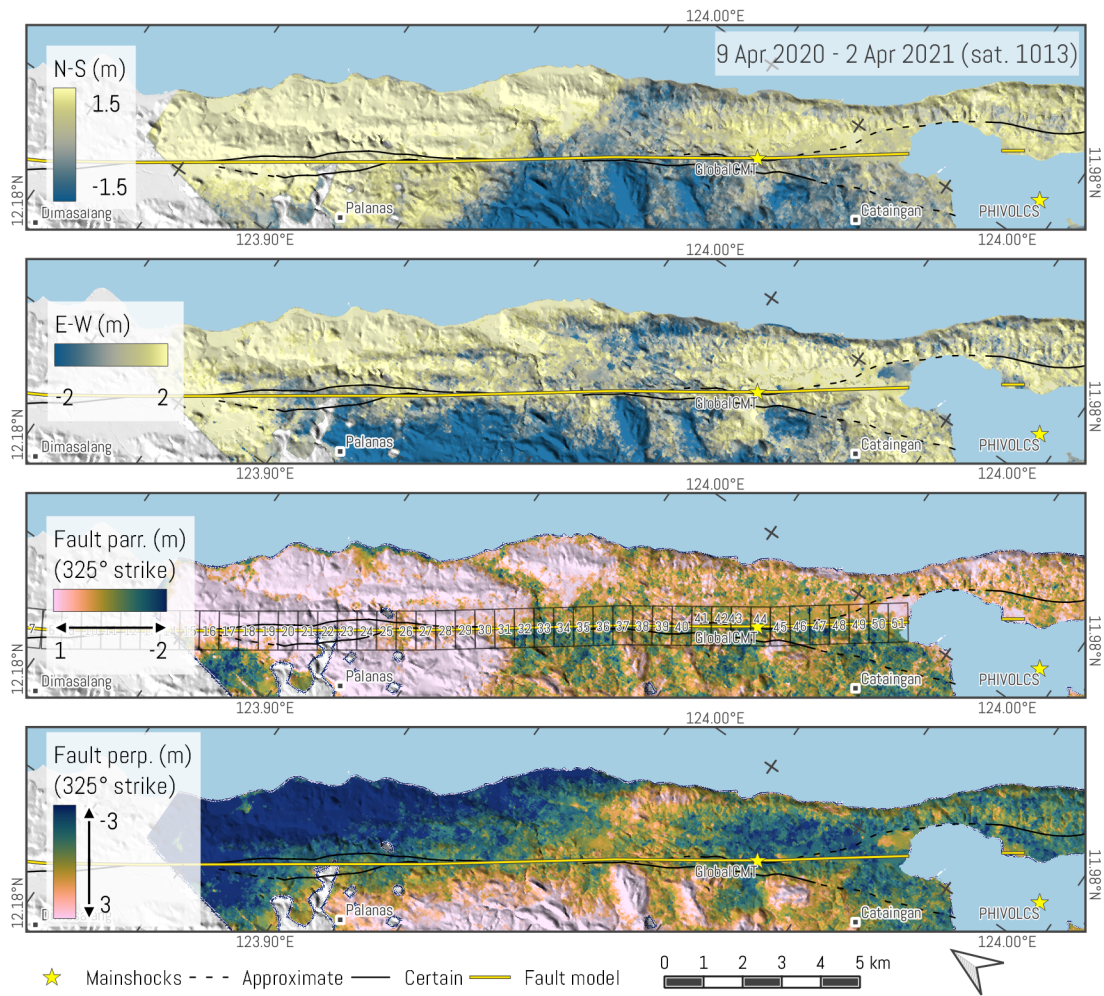


Figure S3: Results of 9 April 2020 (satellite ID 1013) - 2 April 2021 pair.

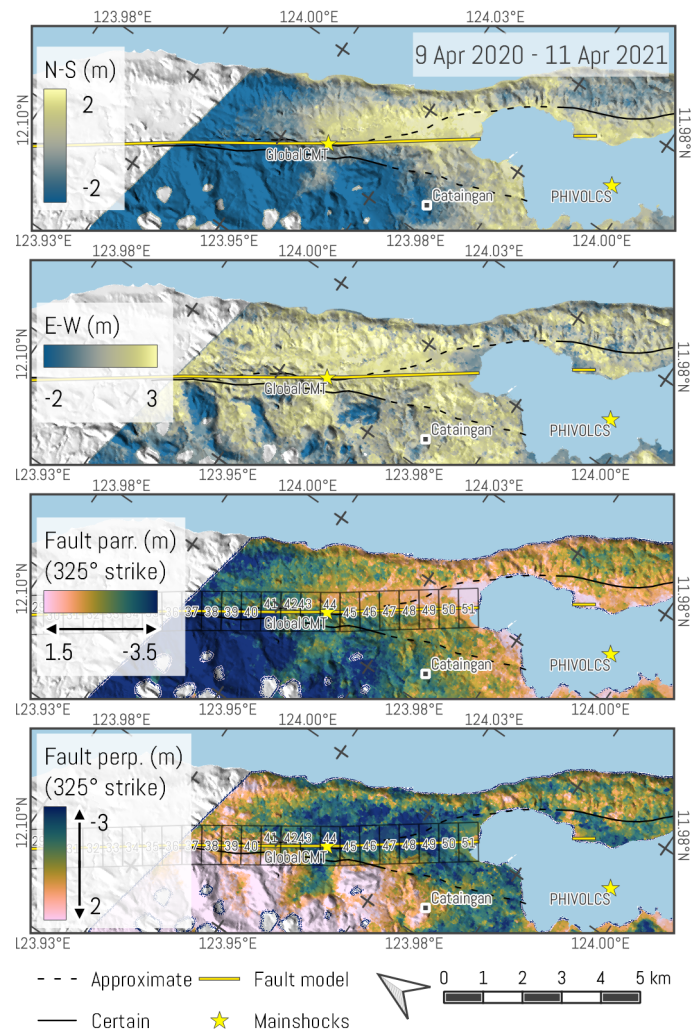


Figure S4: Results of 9 April 2020 - 11 April 2021 pair.

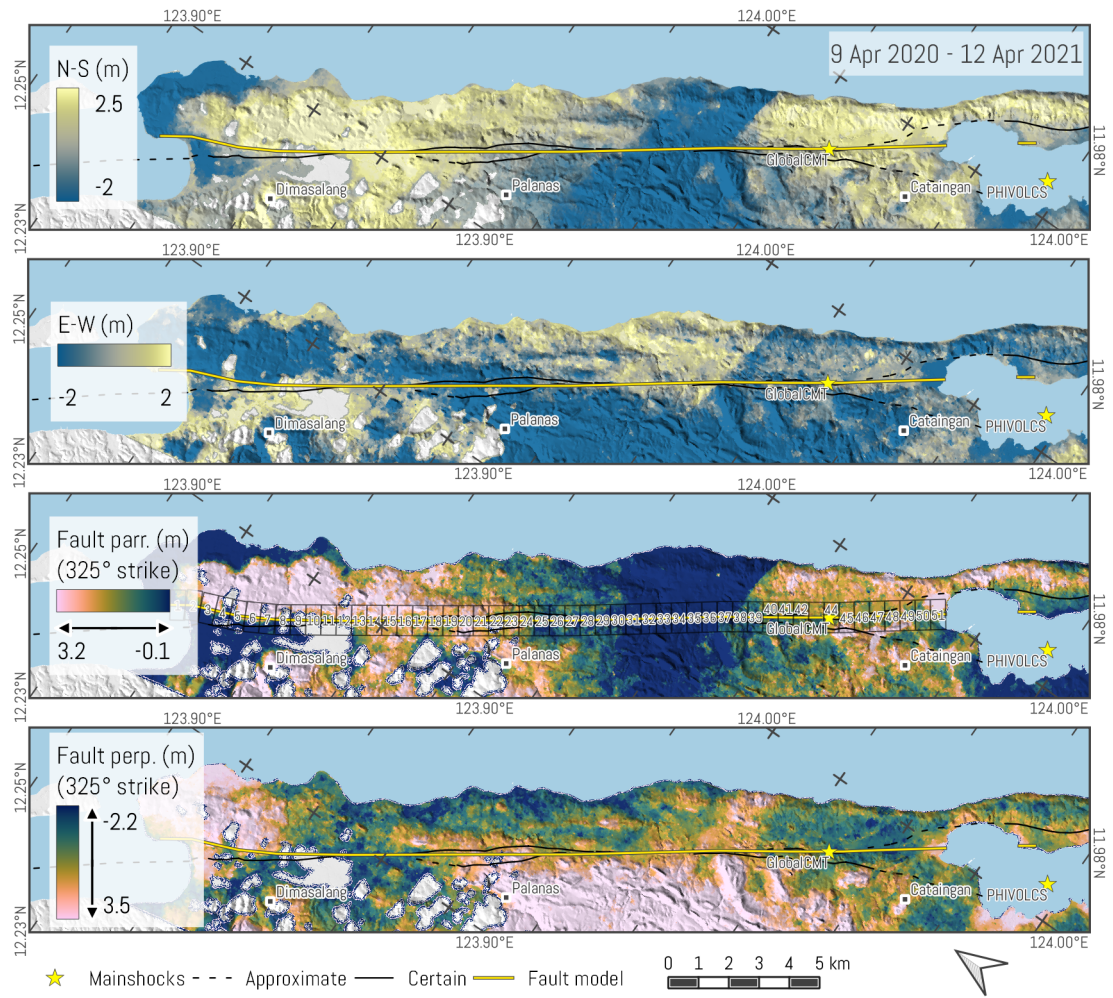


Figure S5: Results of 9 April 2020 - 12 April 2021 pair.

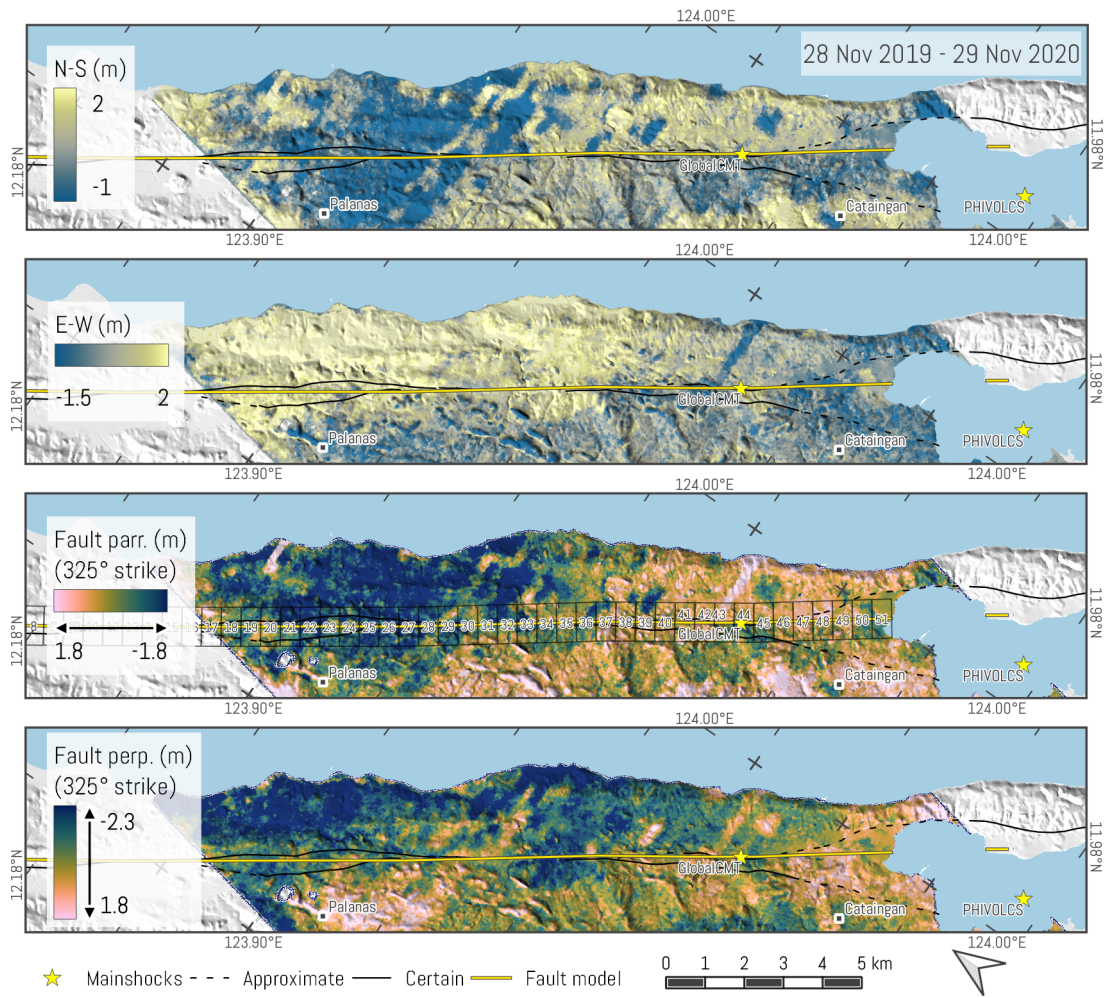


Figure S6: Results of 28 November 2019 - 29 November 2020 pair.

S1.2 Complete Profile Data

Definition of column names:

- Pair - image pair used
- box - boxID number (box 1 is closest to Naro bay, box 51 is closest to Cataingan bay)
- valid - indicates the validity of the particular box profile
- yOffsetAtX0 - difference between the intercepts of the left and right regression lines denoting the fault parallel offset in meters
- sigmaabSum - sum of standard errors of the regression line intercepts of the left and right side
- left_slope - slope of the regression line of the left side
- left_int - intercept of the regression line of the left side
- left_SlopeSD - standard deviation of the slope of the left regression line
- left_IntSD - standard deviation of the intercept of the left regression line
- left_RegSD - standard deviation of the left regression line
- left_sumsq - sum of squares of the left side regression
- column names denoted as "right" refer to the regression of the right side
- ctr_lat - degree latitude of the box centerpoint
- ctr_lon - degree longitude of the box centerpoint
- dist_1st_m - distance of the centerpoint from the first point of the trace
- azDeg - azimuthal box rotation in degrees
- xMinL - minimum regression limit on the left side
- xMaxL - maximum regression limit on the left side
- column names denoted as "R" refer to the regression of the right side
- X0 - location of the baseline 0 in the x-axis
- dist_naro - indicates distance of box center from Naro bay in m

Table S1: Compiled regression parameters (western fault block)

Pair	box	left_slope	left_int	left_SlopeSD	left_IntSD	left_RegSD	left_sumsq
9Apr2020-2Apr2021(a)	51	0.00054202	1.46942395	0.00054789	0.02242521	0.01449592	0.00378237
9Apr2020-2Apr2021(a)	50	0.00024503	0.68387629	0.00119372	0.06402295	0.10517301	0.4756386
9Apr2020-2Apr2021(a)	49	0.00150148	0.51973229	0.00063248	0.06822952	0.2290907	5.98301037
9Apr2020-2Apr2021(a)	48	0.00144608	0.24205122	0.0007289	0.04182049	0.21146317	4.38223403
9Apr2020-2Apr2021(a)	47	0.00222074	0.46975449	0.00043837	0.03585239	0.11778938	1.29031344
9Apr2020-2Apr2021(a)	46	0.00333375	0.45613409	0.00057686	0.05341313	0.34124137	18.5148624
9Apr2020-2Apr2021(a)	45	4.61E-05	0.57488711	0.00083124	0.06254323	0.05254567	0.0938756
9Apr2020-2Apr2021(a)	44	-0.0005937	0.13953591	0.00029914	0.02769822	0.17695611	4.97884086
9Apr2020-2Apr2021(a)	43	9.78E-05	0.37336489	0.00047069	0.04086528	0.25295549	9.53398583
9Apr2020-2Apr2021(a)	42	-0.0007744	1.04673339	0.0003334	0.03087055	0.19722324	6.18462422
9Apr2020-2Apr2021(a)	41	-0.0001161	0.22373254	0.00077448	0.03683479	0.17007443	2.34295037
9Apr2020-2Apr2021(a)	40	0.00277014	0.49794674	0.00158016	0.08245153	0.39814947	14.1085473
9Apr2020-2Apr2021(a)	39	0.00236923	1.0751462	0.00045757	0.04831841	0.17872378	3.83306263
9Apr2020-2Apr2021(a)	38	0.00242235	0.63269486	0.00041893	0.02766386	0.14978645	2.53526568
9Apr2020-2Apr2021(a)	37	0.0002008	-0.0063048	0.00156877	0.04173247	0.07941559	0.18289824
9Apr2020-2Apr2021(a)	36	0.00481618	-0.0833054	0.00051525	0.04624428	0.17004074	3.09378223
9Apr2020-2Apr2021(a)	35						
9Apr2020-2Apr2021(a)	34	-0.0037422	-0.1869461	0.00025244	0.02420978	0.13431952	2.67017651
9Apr2020-2Apr2021(a)	33	-0.0004164	0.08879188	0.00027209	0.02519365	0.16095511	4.11914107
9Apr2020-2Apr2021(a)	32	-6.21E-05	-0.9843665	0.00096578	0.03199363	0.12420558	0.86391342
9Apr2020-2Apr2021(a)	31	0.0027678	-0.5827103	0.00227611	0.09523692	0.05155277	0.042523
9Apr2020-2Apr2021(a)	30						
9Apr2020-2Apr2021(a)	29						
9Apr2020-2Apr2021(a)	28						
9Apr2020-2Apr2021(a)	27						
9Apr2020-2Apr2021(a)	26						
9Apr2020-2Apr2021(a)	25						
9Apr2020-2Apr2021(a)	24	-3.83E-05	0.68397177	0.00095809	0.08283624	0.08163489	0.27989873
9Apr2020-2Apr2021(a)	23	0.00257756	0.60555809	0.00083045	0.05394869	0.14747387	1.52239805
9Apr2020-2Apr2021(a)	22						
9Apr2020-2Apr2021(a)	21	-0.0001503	0.15404388	0.000256	0.01986103	0.11634617	1.80034546
9Apr2020-2Apr2021(a)	20						
9Apr2020-2Apr2021(a)	19						
9Apr2020-2Apr2021(a)	18	0.00060881	0.13842822	0.00135676	0.030186	0.01492436	0.00200463
9Apr2020-2Apr2021(a)	17						
9Apr2020-2Apr2021(a)	16						
9Apr2020-2Apr2021(a)	15	0.00011084	0.88931878	0.00028595	0.0230101	0.13722624	2.59868375
9Apr2020-2Apr2021(a)	14	4.20E-05	0.28256542	0.00105119	0.02511339	0.08357479	0.27938985
9Apr2020-2Apr2021(a)	13						
9Apr2020-2Apr2021(a)	12						
9Apr2020-2Apr2021(a)	11	0.00039251	0.26838703	0.00039833	0.0283734	0.15941374	3.10035416
9Apr2020-2Apr2021(a)	10						
9Apr2020-2Apr2021(a)	9						
9Apr2020-2Apr2021(a)	8						
9Apr2020-2Apr2021(a)	7						
9Apr2020-2Apr2021(a)	6						
9Apr2020-2Apr2021(a)	5						
9Apr2020-2Apr2021(a)	4						
9Apr2020-2Apr2021(a)	3						
9Apr2020-2Apr2021(a)	2						
9Apr2020-2Apr2021(a)	1						
9Apr2020-2Apr2021(b)	51	0.00159725	-0.4507299	0.00023582	0.01155764	0.00040845	1.67E-07
9Apr2020-2Apr2021(b)	50	0.00109952	-0.9290425	0.00030539	0.0351407	0.08596213	0.70939078
9Apr2020-2Apr2021(b)	49						

9Apr2020-2Apr2021(b)	48	-0.0012455	-1.0626459	0.00316471	0.27385693	0.02192574	0.00288443
9Apr2020-2Apr2021(b)	47	0.00013265	-0.9965455	0.00085772	0.06236018	0.32276818	12.1889776
9Apr2020-2Apr2021(b)	46	0.00066686	-1.0887126	0.0012856	0.0655559	0.04453433	0.04363274
9Apr2020-2Apr2021(b)	45						
9Apr2020-2Apr2021(b)	44	-7.22E-05	-0.9001846	0.00082435	0.01541124	0.04579063	0.06500024
9Apr2020-2Apr2021(b)	43	0.00048164	-1.0750884	0.0008495	0.09866953	0.06753951	0.18246341
9Apr2020-2Apr2021(b)	42	-0.0030836	-0.7180834	0.00031211	0.03159789	0.14027571	2.59740014
9Apr2020-2Apr2021(b)	41	-0.0006561	-0.2038854	0.00058523	0.0695498	0.14264131	1.77014935
9Apr2020-2Apr2021(b)	40	0.00080766	-0.344379	0.00106435	0.13073823	0.10645715	0.53265687
9Apr2020-2Apr2021(b)	39	-0.001803	-0.6786542	0.00022919	0.02122152	0.1355783	2.92265447
9Apr2020-2Apr2021(b)	38	-0.0004871	-0.51344	0.00021487	0.01989519	0.12710472	2.56874197
9Apr2020-2Apr2021(b)	37	-0.0005803	-0.9251435	0.00164924	0.04320932	0.15014112	0.9918637
9Apr2020-2Apr2021(b)	36	0.00032125	-1.0762703	0.0004279	0.03962091	0.25312681	10.1876358
9Apr2020-2Apr2021(b)	35	0.00019494	-0.9436069	0.00100216	0.11194579	0.19293234	2.75449378
9Apr2020-2Apr2021(b)	34	-0.0008173	-1.0999627	0.00024315	0.01395097	0.07054235	0.48766981
9Apr2020-2Apr2021(b)	33	-0.0015204	-1.4835137	0.00061297	0.01464412	0.04873414	0.09500065
9Apr2020-2Apr2021(b)	32						
9Apr2020-2Apr2021(b)	31	0.00763171	-0.3810304	0.00076704	0.03622114	0.03338752	0.0289829
9Apr2020-2Apr2021(b)	30						
9Apr2020-2Apr2021(b)	29	0.00069066	-0.0023906	0.00289461	0.0691533	0.23013509	2.11848635
9Apr2020-2Apr2021(b)	28	-0.0012282	0.17717191	0.00157897	0.02529631	0.03873027	0.02550057
9Apr2020-2Apr2021(b)	27						
9Apr2020-2Apr2021(b)	26						
9Apr2020-2Apr2021(b)	25	-0.0035803	0.1261032	0.00013935	0.01290262	0.08243118	1.08038893
9Apr2020-2Apr2021(b)	24						
9Apr2020-2Apr2021(b)	23						
9Apr2020-2Apr2021(b)	22						
9Apr2020-2Apr2021(b)	21						
9Apr2020-2Apr2021(b)	20						
9Apr2020-2Apr2021(b)	19	0.01032105	1.76465567	0.00065002	0.01477868	0.04806033	0.08777223
9Apr2020-2Apr2021(b)	18	0.00452302	1.19883386	0.00048312	0.04473322	0.2857879	12.9862813
9Apr2020-2Apr2021(b)	17	0.00475982	0.79325807	0.00037204	0.01232468	0.04784684	0.12820195
9Apr2020-2Apr2021(b)	16	0.00309109	0.50516544	0.00042904	0.02808402	0.15141176	2.56765828
9Apr2020-2Apr2021(b)	15						
9Apr2020-2Apr2021(b)	14						
9Apr2020-2Apr2021(b)	13						
9Apr2020-2Apr2021(b)	12						
9Apr2020-2Apr2021(b)	11						
9Apr2020-2Apr2021(b)	10						
9Apr2020-2Apr2021(b)	9						
9Apr2020-2Apr2021(b)	8						
9Apr2020-2Apr2021(b)	7						
9Apr2020-2Apr2021(b)	6						
9Apr2020-2Apr2021(b)	5						
9Apr2020-2Apr2021(b)	4						
9Apr2020-2Apr2021(b)	3						
9Apr2020-2Apr2021(b)	2						
9Apr2020-2Apr2021(b)	1						
9Apr2020-11Apr2021	51	-0.0001918	1.10269139	0.00144158	0.00948049	0.01800529	0.00324191
9Apr2020-11Apr2021	50	0.00033621	-0.8113609	0.00073588	0.07063263	0.06917237	0.21531677
9Apr2020-11Apr2021	49						
9Apr2020-11Apr2021	48	-0.0002519	-0.8034536	0.00129418	0.1718301	0.12944525	0.78753542
9Apr2020-11Apr2021	47	-5.74E-05	-1.0460302	0.00247505	0.29833705	0.02369675	0.00449229
9Apr2020-11Apr2021	46	0.00898808	-1.1964207	0.00045552	0.04502163	0.22094285	6.78538806
9Apr2020-11Apr2021	45						
9Apr2020-11Apr2021	44	-0.0009285	-1.881344	0.00117123	0.10501277	0.15451766	1.36091523

9Apr2020-11Apr2021	43	0.00057729	-2.1324389	0.00047081	0.02456653	0.11862912	1.25248525
9Apr2020-11Apr2021	42						
9Apr2020-11Apr2021	41	0.00361751	-3.5316447	0.0029349	0.18771327	0.11446115	0.31443252
9Apr2020-11Apr2021	40						
9Apr2020-11Apr2021	39	0.00672206	-3.091719	0.00034455	0.03190254	0.20381628	6.60503126
9Apr2020-11Apr2021	38	0.00298109	-4.0446617	0.00089077	0.02245112	0.02356757	0.00999774
9Apr2020-11Apr2021	37						
9Apr2020-11Apr2021	36						
9Apr2020-11Apr2021	35						
9Apr2020-11Apr2021	34						
9Apr2020-11Apr2021	33						
9Apr2020-11Apr2021	32						
9Apr2020-11Apr2021	31						
9Apr2020-11Apr2021	30						
9Apr2020-11Apr2021	29						
9Apr2020-11Apr2021	28						
9Apr2020-11Apr2021	27						
9Apr2020-11Apr2021	26						
9Apr2020-11Apr2021	25						
9Apr2020-11Apr2021	24						
9Apr2020-11Apr2021	23						
9Apr2020-11Apr2021	22						
9Apr2020-11Apr2021	21						
9Apr2020-11Apr2021	20						
9Apr2020-11Apr2021	19						
9Apr2020-11Apr2021	18						
9Apr2020-11Apr2021	17						
9Apr2020-11Apr2021	16						
9Apr2020-11Apr2021	15						
9Apr2020-11Apr2021	14						
9Apr2020-11Apr2021	13						
9Apr2020-11Apr2021	12						
9Apr2020-11Apr2021	11						
9Apr2020-11Apr2021	10						
9Apr2020-11Apr2021	9						
9Apr2020-11Apr2021	8						
9Apr2020-11Apr2021	7						
9Apr2020-11Apr2021	6						
9Apr2020-11Apr2021	5						
9Apr2020-11Apr2021	4						
9Apr2020-11Apr2021	3						
9Apr2020-11Apr2021	2						
9Apr2020-11Apr2021	1						
9Apr2020-12Apr2021	51	-0.0008025	1.63076889	0.00050563	0.01267869	0.01145234	0.0020985
9Apr2020-12Apr2021	50	0.00124373	1.09922334	0.00017137	0.01740443	0.02917925	0.05789716
9Apr2020-12Apr2021	49						
9Apr2020-12Apr2021	48						
9Apr2020-12Apr2021	47						
9Apr2020-12Apr2021	46	0.00078412	1.18600159	0.00227796	0.1447581	0.01578218	0.00149446
9Apr2020-12Apr2021	45						
9Apr2020-12Apr2021	44	-0.0046116	1.26647098	0.00012023	0.01113222	0.07112058	0.80424376
9Apr2020-12Apr2021	43	0.0050403	1.08573195	0.00059369	0.02789318	0.12803186	1.31137266
9Apr2020-12Apr2021	42	-0.0002948	1.0531296	0.00094705	0.03469568	0.06235554	0.13608747
9Apr2020-12Apr2021	41	0.00182905	0.99823769	0.00049673	0.0290736	0.14843938	2.20342485
9Apr2020-12Apr2021	40	0.00101885	0.63287133	0.00024014	0.02048095	0.0903671	0.95544681
9Apr2020-12Apr2021	39	-0.0003851	0.26368018	0.00083673	0.07628811	0.02052413	0.00716108

9Apr2020-12Apr2021	38	-0.0039807	-0.0662022	0.00017296	0.01491643	0.09203077	1.25351012
9Apr2020-12Apr2021	37						
9Apr2020-12Apr2021	36						
9Apr2020-12Apr2021	35	0.00027338	-2.8001869	0.0001927	0.02139133	0.06272224	0.41701237
9Apr2020-12Apr2021	34						
9Apr2020-12Apr2021	33						
9Apr2020-12Apr2021	32	-0.0020218	-2.1752565	0.00016298	0.01509099	0.09641206	1.47795027
9Apr2020-12Apr2021	31	0.00115461	-1.7068968	0.00016541	0.00805799	0.03763916	0.11758662
9Apr2020-12Apr2021	30	0.00101433	-0.5792901	0.00049516	0.01059404	0.02387586	0.01596158
9Apr2020-12Apr2021	29	0.00043689	-0.5090783	0.00110975	0.02514757	0.05088548	0.06991197
9Apr2020-12Apr2021	28	0.00026088	-0.4688621	0.00047736	0.00892414	0.02651584	0.02179578
9Apr2020-12Apr2021	27	-2.82E-05	-0.5920088	0.00365716	0.01983539	0.03501465	0.0098082
9Apr2020-12Apr2021	26						
9Apr2020-12Apr2021	25						
9Apr2020-12Apr2021	24						
9Apr2020-12Apr2021	23	-0.0030121	1.84569908	0.00249323	0.01208639	0.02048399	0.00293716
9Apr2020-12Apr2021	22						
9Apr2020-12Apr2021	21	0.00056403	2.45103972	0.0003404	0.00900768	0.01179171	0.00305898
9Apr2020-12Apr2021	20						
9Apr2020-12Apr2021	19	0.00290202	1.82283633	0.00074855	0.03703232	0.0574166	0.12856999
9Apr2020-12Apr2021	18	0.00222899	2.00426765	0.00165042	0.06373744	0.01580159	0.00199752
9Apr2020-12Apr2021	17						
9Apr2020-12Apr2021	16						
9Apr2020-12Apr2021	15	0.00496382	2.6235791	0.00035176	0.03935171	0.04758492	0.13133084
9Apr2020-12Apr2021	14	0.00237467	2.1932197	0.00080864	0.02640179	0.04902115	0.07930141
9Apr2020-12Apr2021	13						
9Apr2020-12Apr2021	12						
9Apr2020-12Apr2021	11						
9Apr2020-12Apr2021	10						
9Apr2020-12Apr2021	9						
9Apr2020-12Apr2021	8						
9Apr2020-12Apr2021	7						
9Apr2020-12Apr2021	6						
9Apr2020-12Apr2021	5						
9Apr2020-12Apr2021	4						
9Apr2020-12Apr2021	3						
9Apr2020-12Apr2021	2						
9Apr2020-12Apr2021	1						
28Nov2019-29Nov2020	51	0.00074556	-0.275509	0.00161546	0.17593093	0.08572581	0.22046743
28Nov2019-29Nov2020	50	-0.0004155	-0.5104376	0.00038451	0.02529171	0.05861443	0.21644605
28Nov2019-29Nov2020	49						
28Nov2019-29Nov2020	48	0.00227308	0.42391378	0.00134505	0.05484978	0.02561495	0.00918576
28Nov2019-29Nov2020	47						
28Nov2019-29Nov2020	46	-0.000595	-0.1062332	0.00092998	0.03302396	0.05637679	0.1048853
28Nov2019-29Nov2020	45	0.00171976	-0.2889804	0.00055394	0.03218449	0.11086107	0.93405341
28Nov2019-29Nov2020	44	0.00027886	-0.430993	0.00080943	0.08768954	0.03711475	0.03719262
28Nov2019-29Nov2020	43	0.00082908	-0.0114256	0.0004494	0.05495478	0.09515583	0.71531589
28Nov2019-29Nov2020	42	0.00010532	0.2270684	0.00667032	0.0539499	0.06386342	0.03262829
28Nov2019-29Nov2020	41						
28Nov2019-29Nov2020	40						
28Nov2019-29Nov2020	39						
28Nov2019-29Nov2020	38						
28Nov2019-29Nov2020	37	-0.0029803	0.44470055	0.00155665	0.03817769	0.03241054	0.01575665
28Nov2019-29Nov2020	36	-0.0009068	-0.9115022	0.00167721	0.02370447	0.02625245	0.00827029
28Nov2019-29Nov2020	35	-0.0005222	-0.1348288	0.00211777	0.21085646	0.02645094	0.00699652
28Nov2019-29Nov2020	34	-0.0003036	-0.6273973	0.00049282	0.04925754	0.10822239	0.94867888

28Nov2019-29Nov2020	33						
28Nov2019-29Nov2020	32						
28Nov2019-29Nov2020	31						
28Nov2019-29Nov2020	30						
28Nov2019-29Nov2020	29	-0.0002411	-1.7131261	0.00171724	0.09468443	0.02411274	0.00639567
28Nov2019-29Nov2020	28	0.00018182	-1.7470782	0.0052959	0.07742709	0.02426887	0.00235591
28Nov2019-29Nov2020	27						
28Nov2019-29Nov2020	26	-0.002771	-1.8334223	0.00213154	0.08032031	0.23294028	2.71305876
28Nov2019-29Nov2020	25	-0.001189	-1.9961246	0.00638898	0.4889034	0.029278	0.00342881
28Nov2019-29Nov2020	24						
28Nov2019-29Nov2020	23	-0.0004215	-1.0509688	0.00088491	0.05681033	0.01842444	0.0050919
28Nov2019-29Nov2020	22						
28Nov2019-29Nov2020	21						
28Nov2019-29Nov2020	20						
28Nov2019-29Nov2020	19	-0.0007942	-0.6140679	0.00128596	0.01736047	0.04454697	0.04365752
28Nov2019-29Nov2020	18	0.0007266	-0.684228	0.00137746	0.02582208	0.01318821	0.00139143
28Nov2019-29Nov2020	17						
28Nov2019-29Nov2020	16						
28Nov2019-29Nov2020	15						
28Nov2019-29Nov2020	14						
28Nov2019-29Nov2020	13						
28Nov2019-29Nov2020	12						
28Nov2019-29Nov2020	11						
28Nov2019-29Nov2020	10						
28Nov2019-29Nov2020	9						
28Nov2019-29Nov2020	8						
28Nov2019-29Nov2020	7						
28Nov2019-29Nov2020	6						
28Nov2019-29Nov2020	5						
28Nov2019-29Nov2020	4						
28Nov2019-29Nov2020	3						
28Nov2019-29Nov2020	2						
28Nov2019-29Nov2020	1						
9Apr-29Nov2020	51						
9Apr-29Nov2020	50	-0.0005093	-1.9547025	0.00043251	0.02181864	0.10365206	0.92396246
9Apr-29Nov2020	49	-0.0005524	-1.5396211	0.00168771	0.12461975	0.05846415	0.07519724
9Apr-29Nov2020	48						
9Apr-29Nov2020	47						
9Apr-29Nov2020	46	0.00077754	-1.0007435	0.0004217	0.04057636	0.22214882	7.25446428
9Apr-29Nov2020	45						
9Apr-29Nov2020	44	0.00095701	-0.5263248	0.00026299	0.03433266	0.00328468	0.00010789
9Apr-29Nov2020	43	0.00086401	-0.2794836	0.00047922	0.04636204	0.03675819	0.05269541
9Apr-29Nov2020	42						
9Apr-29Nov2020	41	-0.0002027	-0.3298592	0.00043442	0.03673998	0.03954837	0.06881924
9Apr-29Nov2020	40	0.00064555	-0.110961	0.00061007	0.05069183	0.00856642	0.00080722
9Apr-29Nov2020	39						
9Apr-29Nov2020	38						
9Apr-29Nov2020	37	0.00073882	-0.1670051	0.00144703	0.01530821	0.00373621	2.79E-05
9Apr-29Nov2020	36						
9Apr-29Nov2020	35	-0.0005483	-0.1567405	0.00030376	0.02528017	0.11144467	1.42829013
9Apr-29Nov2020	34	0.0003731	-0.712921	0.00024788	0.02347354	0.05541752	0.25183028
9Apr-29Nov2020	33	0.00053551	-1.009841	0.00108617	0.02806765	0.0170013	0.00346853
9Apr-29Nov2020	32	0.00178464	-0.7270081	0.00042908	0.03378403	0.19934374	5.36461998
9Apr-29Nov2020	31	-0.0004839	-0.3285433	0.0002913	0.02879073	0.14128998	2.77483731
9Apr-29Nov2020	30	-0.0009761	-0.1572179	0.00018572	0.01494431	0.08912398	1.09614562
9Apr-29Nov2020	29	-0.0009741	-1.037528	0.00198583	0.03244877	0.02184416	0.0042945

9Apr-29Nov2020	28						
9Apr-29Nov2020	27						
9Apr-29Nov2020	26	-0.0018491	-1.2013016	0.00019078	0.00808227	0.03529417	0.08968886
9Apr-29Nov2020	25	0.00024373	-1.5855562	0.00067787	0.0208493	0.02204899	0.01020932
9Apr-29Nov2020	24	-0.00027	-1.1161198	0.00036994	0.00777014	0.02435738	0.02076487
9Apr-29Nov2020	23						
9Apr-29Nov2020	22						
9Apr-29Nov2020	21						
9Apr-29Nov2020	20	0.0018012	2.13718048	0.00213991	0.09239265	0.03004774	0.00993153
9Apr-29Nov2020	19						
9Apr-29Nov2020	18						
9Apr-29Nov2020	17						
9Apr-29Nov2020	16						
9Apr-29Nov2020	15						
9Apr-29Nov2020	14						
9Apr-29Nov2020	13						
9Apr-29Nov2020	12						
9Apr-29Nov2020	11						
9Apr-29Nov2020	10						
9Apr-29Nov2020	9						
9Apr-29Nov2020	8						
9Apr-29Nov2020	7						
9Apr-29Nov2020	6						
9Apr-29Nov2020	5						
9Apr-29Nov2020	4						
9Apr-29Nov2020	3						
9Apr-29Nov2020	2						
9Apr-29Nov2020	1						

Table S2: Compiled regression parameters cont. (eastern fault block)

Pair	box	right_slope	right_int	right_SlopeSD	right_IntSD	right_RegSD	right_sumsq
9Apr2020-2Apr2021(a)	51	-0.0011502	1.80004122	0.00028311	0.03561554	0.05132156	0.18700705
9Apr2020-2Apr2021(a)	50	-0.0023468	1.07174221	0.00024522	0.0096809	0.04086672	0.11189593
9Apr2020-2Apr2021(a)	49	-0.0011739	0.98369609	0.00047756	0.04421907	0.28250317	12.6894785
9Apr2020-2Apr2021(a)	48	0.0005263	0.74361822	0.00026334	0.0243839	0.15578187	3.85861052
9Apr2020-2Apr2021(a)	47	-0.0005014	1.06190602	0.00130303	0.06140499	0.0508181	0.0619795
9Apr2020-2Apr2021(a)	46	0.00247696	0.87886459	0.00034874	0.03229072	0.20629629	6.76674711
9Apr2020-2Apr2021(a)	45	0.00057152	1.02295754	0.00100942	0.03363665	0.09189373	0.37155616
9Apr2020-2Apr2021(a)	44	0.00088674	0.6415488	0.00118049	0.04329754	0.0147443	0.00217394
9Apr2020-2Apr2021(a)	43	0.00075618	0.88589469	0.00042888	0.04312075	0.19708	5.20463027
9Apr2020-2Apr2021(a)	42	-1.75E-05	1.55587588	0.00068319	0.04706417	0.08117231	0.34921402
9Apr2020-2Apr2021(a)	41	-0.0029161	0.73723753	0.00175726	0.23866356	0.18655901	1.70540903
9Apr2020-2Apr2021(a)	40	-0.0024096	1.01378024	0.00093607	0.12583009	0.10821636	0.60896056
9Apr2020-2Apr2021(a)	39	0.00228451	1.58644203	0.00056936	0.05288265	0.33367812	17.5918916
9Apr2020-2Apr2021(a)	38	-0.0002976	1.14443314	0.00204521	0.27967986	0.20456387	1.96677961
9Apr2020-2Apr2021(a)	37	0.00149452	0.50407627	0.000278	0.02574069	0.16444999	4.29996395
9Apr2020-2Apr2021(a)	36	0.00358998	0.42116361	0.00059454	0.03997804	0.03452284	0.03813846
9Apr2020-2Apr2021(a)	35						
9Apr2020-2Apr2021(a)	34	0.00049034	0.30266743	0.00033722	0.03122384	0.19948032	6.32699134
9Apr2020-2Apr2021(a)	33	0.00521617	0.53218898	0.00153325	0.07844946	0.06673881	0.1158058
9Apr2020-2Apr2021(a)	32	0.00028936	-0.5543441	0.00107179	0.02601164	0.06497388	0.13931297
9Apr2020-2Apr2021(a)	31	0.00158774	-0.2123433	0.00072763	0.02678685	0.06199836	0.16143947
9Apr2020-2Apr2021(a)	30						
9Apr2020-2Apr2021(a)	29						
9Apr2020-2Apr2021(a)	28						
9Apr2020-2Apr2021(a)	27						
9Apr2020-2Apr2021(a)	26						
9Apr2020-2Apr2021(a)	25						
9Apr2020-2Apr2021(a)	24	-0.0007114	0.89994308	0.00079699	0.03838948	0.07971556	0.29866478
9Apr2020-2Apr2021(a)	23	-0.0005639	0.80859006	0.00080601	0.04413733	0.04080262	0.04828075
9Apr2020-2Apr2021(a)	22						
9Apr2020-2Apr2021(a)	21	0.00257242	0.32424437	0.00036232	0.01991416	0.0219642	0.01592006
9Apr2020-2Apr2021(a)	20						
9Apr2020-2Apr2021(a)	19						
9Apr2020-2Apr2021(a)	18	0.00224879	0.27754387	0.00140137	0.03367672	0.07784247	0.18784293
9Apr2020-2Apr2021(a)	17						
9Apr2020-2Apr2021(a)	16						
9Apr2020-2Apr2021(a)	15	-0.0015808	0.96062606	0.00052082	0.03394086	0.17899983	3.52450346
9Apr2020-2Apr2021(a)	14	1.21E-05	0.36921684	0.0020859	0.03984649	0.03972346	0.02209134
9Apr2020-2Apr2021(a)	13						
9Apr2020-2Apr2021(a)	12						
9Apr2020-2Apr2021(a)	11	-5.10E-05	0.36711569	0.00120672	0.0267392	0.08592344	0.27316501
9Apr2020-2Apr2021(a)	10						
9Apr2020-2Apr2021(a)	9						
9Apr2020-2Apr2021(a)	8						
9Apr2020-2Apr2021(a)	7						
9Apr2020-2Apr2021(a)	6						
9Apr2020-2Apr2021(a)	5						
9Apr2020-2Apr2021(a)	4						
9Apr2020-2Apr2021(a)	3						
9Apr2020-2Apr2021(a)	2						
9Apr2020-2Apr2021(a)	1						
9Apr2020-2Apr2021(b)	51	0.00067134	-0.117995	0.00048176	0.01714327	0.00333776	6.68E-05
9Apr2020-2Apr2021(b)	50	0.00066323	-0.5050781	0.00160945	0.08600256	0.09345422	0.27947815
9Apr2020-2Apr2021(b)	49						

9Apr2020-2Apr2021(b)	48	0.00273664	-0.5709096	0.00011122	0.01029775	0.06578942	0.68819135
9Apr2020-2Apr2021(b)	47	0.00071178	-0.3902947	0.00028675	0.03581938	0.05412247	0.21383462
9Apr2020-2Apr2021(b)	46	0.0008917	-0.6228292	0.00032551	0.03341691	0.13981261	2.50208856
9Apr2020-2Apr2021(b)	45						
9Apr2020-2Apr2021(b)	44	0.00143416	-0.4046229	0.00074494	0.03577599	0.12684092	1.09402602
9Apr2020-2Apr2021(b)	43	0.00377306	-0.5724431	0.00025024	0.0231706	0.14803043	3.48416851
9Apr2020-2Apr2021(b)	42	-0.001601	-0.2176913	0.00022044	0.02239477	0.09797058	1.25736865
9Apr2020-2Apr2021(b)	41	-0.0016377	0.31243706	0.0019894	0.06306728	0.12060068	0.47996931
9Apr2020-2Apr2021(b)	40	0.00187338	0.16395031	0.00148446	0.02346744	0.06461518	0.10855314
9Apr2020-2Apr2021(b)	39	0.00205243	-0.1722367	0.00034213	0.03167856	0.20238536	6.51261363
9Apr2020-2Apr2021(b)	38	-4.62E-06	-0.0124683	0.00052271	0.04115653	0.24284539	7.9614744
9Apr2020-2Apr2021(b)	37	-0.0005436	-0.4316913	0.00041658	0.0385726	0.24642947	9.65566988
9Apr2020-2Apr2021(b)	36	0.00107501	-0.5676634	0.00023947	0.02537712	0.09238976	1.01576829
9Apr2020-2Apr2021(b)	35	0.0003828	-0.4935924	0.00085432	0.05198302	0.02602045	0.01354128
9Apr2020-2Apr2021(b)	34	0.00340609	-0.6585281	0.00056454	0.04734645	0.23140662	6.6400788
9Apr2020-2Apr2021(b)	33	0.00490343	-1.0486861	0.00059761	0.05788501	0.30851475	13.8012963
9Apr2020-2Apr2021(b)	32						
9Apr2020-2Apr2021(b)	31	0.00694735	0.00146122	0.00033469	0.03098994	0.19798596	6.23255173
9Apr2020-2Apr2021(b)	30						
9Apr2020-2Apr2021(b)	29	-0.0003062	0.31819128	0.00050563	0.0225884	0.10119288	0.77823998
9Apr2020-2Apr2021(b)	28	0.00235287	0.44849801	0.00081464	0.01908758	0.01410994	0.00258818
9Apr2020-2Apr2021(b)	27						
9Apr2020-2Apr2021(b)	26						
9Apr2020-2Apr2021(b)	25	0.00283158	0.35728057	0.00079314	0.06846199	0.37251639	18.8725107
9Apr2020-2Apr2021(b)	24						
9Apr2020-2Apr2021(b)	23						
9Apr2020-2Apr2021(b)	22						
9Apr2020-2Apr2021(b)	21						
9Apr2020-2Apr2021(b)	20						
9Apr2020-2Apr2021(b)	19	0.0063276	1.89681688	0.00048827	0.05079655	0.03086513	0.03239032
9Apr2020-2Apr2021(b)	18	0.02727986	1.3091367	0.00057296	0.02394239	0.10386584	0.76595597
9Apr2020-2Apr2021(b)	17	0.02447772	0.90436704	0.0008086	0.09138791	0.24518517	6.07169266
9Apr2020-2Apr2021(b)	16	0.01838238	0.60082993	0.00027807	0.02574697	0.16449009	4.30206129
9Apr2020-2Apr2021(b)	15						
9Apr2020-2Apr2021(b)	14						
9Apr2020-2Apr2021(b)	13						
9Apr2020-2Apr2021(b)	12						
9Apr2020-2Apr2021(b)	11						
9Apr2020-2Apr2021(b)	10						
9Apr2020-2Apr2021(b)	9						
9Apr2020-2Apr2021(b)	8						
9Apr2020-2Apr2021(b)	7						
9Apr2020-2Apr2021(b)	6						
9Apr2020-2Apr2021(b)	5						
9Apr2020-2Apr2021(b)	4						
9Apr2020-2Apr2021(b)	3						
9Apr2020-2Apr2021(b)	2						
9Apr2020-2Apr2021(b)	1						
9Apr2020-11Apr2021	51	0.00364217	1.45753743	0.00132641	0.08257514	0.03253524	0.01799522
9Apr2020-11Apr2021	50	0.00097539	-0.4032546	0.00077726	0.02965594	0.05324681	0.10206801
9Apr2020-11Apr2021	49						
9Apr2020-11Apr2021	48	0.00298769	-0.3133979	0.00012929	0.0049546	0.02061985	0.02763658
9Apr2020-11Apr2021	47	0.00238049	-0.4487936	0.00015166	0.0140424	0.08971296	1.27969788
9Apr2020-11Apr2021	46	0.00309576	-0.7224269	0.00025585	0.02368967	0.15134659	3.64202043
9Apr2020-11Apr2021	45						
9Apr2020-11Apr2021	44	0.00996725	-1.3911327	0.00046942	0.04346495	0.27768526	12.2603475

9Apr2020-11Apr2021	43	0.00740266	-1.6291552	0.00116987	0.03698536	0.03326431	0.02102377
9Apr2020-11Apr2021	42						
9Apr2020-11Apr2021	41	0.00351112	-3.0358797	0.00064056	0.0909186	0.04388199	0.06932264
9Apr2020-11Apr2021	40						
9Apr2020-11Apr2021	39	0.00402826	-2.5848129	0.00059341	0.05323301	0.33484291	17.2664453
9Apr2020-11Apr2021	38	0.0012766	-3.5469529	0.00233245	0.31678436	0.24762464	3.00458016
9Apr2020-11Apr2021	37						
9Apr2020-11Apr2021	36						
9Apr2020-11Apr2021	35						
9Apr2020-11Apr2021	34						
9Apr2020-11Apr2021	33						
9Apr2020-11Apr2021	32						
9Apr2020-11Apr2021	31						
9Apr2020-11Apr2021	30						
9Apr2020-11Apr2021	29						
9Apr2020-11Apr2021	28						
9Apr2020-11Apr2021	27						
9Apr2020-11Apr2021	26						
9Apr2020-11Apr2021	25						
9Apr2020-11Apr2021	24						
9Apr2020-11Apr2021	23						
9Apr2020-11Apr2021	22						
9Apr2020-11Apr2021	21						
9Apr2020-11Apr2021	20						
9Apr2020-11Apr2021	19						
9Apr2020-11Apr2021	18						
9Apr2020-11Apr2021	17						
9Apr2020-11Apr2021	16						
9Apr2020-11Apr2021	15						
9Apr2020-11Apr2021	14						
9Apr2020-11Apr2021	13						
9Apr2020-11Apr2021	12						
9Apr2020-11Apr2021	11						
9Apr2020-11Apr2021	10						
9Apr2020-11Apr2021	9						
9Apr2020-11Apr2021	8						
9Apr2020-11Apr2021	7						
9Apr2020-11Apr2021	6						
9Apr2020-11Apr2021	5						
9Apr2020-11Apr2021	4						
9Apr2020-11Apr2021	3						
9Apr2020-11Apr2021	2						
9Apr2020-11Apr2021	1						
9Apr2020-12Apr2021	51	-0.003005	1.97144723	0.00139587	0.0027625	0.00360411	2.60E-05
9Apr2020-12Apr2021	50	0.00230093	1.49708835	0.00057135	0.07947195	0.04868246	0.09953925
9Apr2020-12Apr2021	49						
9Apr2020-12Apr2021	48						
9Apr2020-12Apr2021	47						
9Apr2020-12Apr2021	46	-0.000891	1.61939157	0.00010327	0.00764424	0.00497926	0.00069421
9Apr2020-12Apr2021	45						
9Apr2020-12Apr2021	44	0.00117201	1.77432383	0.00034213	0.03463734	0.15376904	3.12112926
9Apr2020-12Apr2021	43	0.00217602	1.59599575	0.00039009	0.025985	0.14129475	2.27591957
9Apr2020-12Apr2021	42	0.00096412	1.55307424	0.00038698	0.035832	0.2289205	8.33233084
9Apr2020-12Apr2021	41	0.00062348	1.50475428	0.00051389	0.05849916	0.15132235	2.26694704
9Apr2020-12Apr2021	40	0.00345657	1.13873495	0.00019942	0.01846508	0.11796817	2.2127218
9Apr2020-12Apr2021	39	0.00074236	0.77217399	0.00102895	0.05163156	0.04478793	0.05215492

9Apr2020-12Apr2021	38	-0.0016771	0.43945987	0.00085029	0.04150339	0.12961695	1.05843488
9Apr2020-12Apr2021	37						
9Apr2020-12Apr2021	36						
9Apr2020-12Apr2021	35	0.00035547	-2.3388967	0.0004208	0.0313153	0.09914027	0.8354474
9Apr2020-12Apr2021	34						
9Apr2020-12Apr2021	33						
9Apr2020-12Apr2021	32	0.00033052	-1.7791767	0.00032002	0.03403398	0.12194385	1.75469569
9Apr2020-12Apr2021	31	0.00683397	-1.3312776	0.00038039	0.03319249	0.17288047	3.97505837
9Apr2020-12Apr2021	30	-0.0007945	-0.2189194	0.00058702	0.01817624	0.01329567	0.0028284
9Apr2020-12Apr2021	29	-0.0002062	-0.2157074	0.00051314	0.01759138	0.06941612	0.27947869
9Apr2020-12Apr2021	28	0.00134029	-0.1874114	0.00088661	0.01772113	0.02521001	0.01207535
9Apr2020-12Apr2021	27	0.01150314	-0.3228691	0.00027276	0.02352301	0.14513131	3.11733853
9Apr2020-12Apr2021	26						
9Apr2020-12Apr2021	25						
9Apr2020-12Apr2021	24						
9Apr2020-12Apr2021	23	-0.0034509	2.04233093	0.00049118	0.0154273	0.01022671	0.00156878
9Apr2020-12Apr2021	22						
9Apr2020-12Apr2021	21	0.00013798	2.63070659	0.00317212	0.08266818	0.11673101	0.31340098
9Apr2020-12Apr2021	20						
9Apr2020-12Apr2021	19	0.00556089	1.96480354	0.00058927	0.02258256	0.09398321	0.5741348
9Apr2020-12Apr2021	18	0.00308933	2.11284689	0.00136996	0.05753429	0.09384984	0.31708055
9Apr2020-12Apr2021	17						
9Apr2020-12Apr2021	16						
9Apr2020-12Apr2021	15	0.00411937	2.70355196	0.00198973	0.20514289	0.13630765	0.66887189
9Apr2020-12Apr2021	14	0.00060595	2.26053354	0.00110319	0.00281258	0.00390035	4.56E-05
9Apr2020-12Apr2021	13						
9Apr2020-12Apr2021	12						
9Apr2020-12Apr2021	11						
9Apr2020-12Apr2021	10						
9Apr2020-12Apr2021	9						
9Apr2020-12Apr2021	8						
9Apr2020-12Apr2021	7						
9Apr2020-12Apr2021	6						
9Apr2020-12Apr2021	5						
9Apr2020-12Apr2021	4						
9Apr2020-12Apr2021	3						
9Apr2020-12Apr2021	2						
9Apr2020-12Apr2021	1						
28Nov2019-29Nov2020	51	-0.0003812	0.07638153	8.65E-05	0.00998949	0.0239785	0.054622
28Nov2019-29Nov2020	50	-0.0017416	-0.1100425	0.00272422	0.05052681	0.04718492	0.02894342
28Nov2019-29Nov2020	49						
28Nov2019-29Nov2020	48	0.00638663	0.93735823	0.00044186	0.0161682	0.06581589	0.26856737
28Nov2019-29Nov2020	47						
28Nov2019-29Nov2020	46	-9.21E-05	0.34024625	0.00066772	0.01286832	0.03877157	0.04810351
28Nov2019-29Nov2020	45	0.0019387	0.20142572	0.00010414	0.00209044	0.00198328	5.51E-05
28Nov2019-29Nov2020	44	0.00422387	0.08488022	0.00026662	0.0246872	0.15771953	3.95519639
28Nov2019-29Nov2020	43	0.00551413	0.48807463	0.00046021	0.00706986	0.00506229	0.00023064
28Nov2019-29Nov2020	42	-0.0014105	0.72661048	0.00021988	0.02276507	0.07355976	0.58439209
28Nov2019-29Nov2020	41						
28Nov2019-29Nov2020	40						
28Nov2019-29Nov2020	39						
28Nov2019-29Nov2020	38						
28Nov2019-29Nov2020	37	-0.005584	0.9533322	0.00163655	0.04334531	0.03407398	0.01741554
28Nov2019-29Nov2020	36	-0.0003148	-0.4069287	0.00427692	0.24033683	0.20622577	1.19081388
28Nov2019-29Nov2020	35	-0.0005557	0.30179282	0.00246464	0.14103452	0.05131537	0.03949901
28Nov2019-29Nov2020	34	0.00117498	-0.1707013	0.00019481	0.02035785	0.03317027	0.07481813

28Nov2019-29Nov2020	33						
28Nov2019-29Nov2020	32						
28Nov2019-29Nov2020	31						
28Nov2019-29Nov2020	30						
28Nov2019-29Nov2020	29	-0.0003556	-1.4114933	0.00237407	0.02385915	0.04112017	0.02198128
28Nov2019-29Nov2020	28	-0.0001445	-1.4521628	0.000823	0.01435342	0.01155623	0.00146901
28Nov2019-29Nov2020	27						
28Nov2019-29Nov2020	26	-0.0007052	-1.5777348	0.00095827	0.0444796	0.02724756	0.01410616
28Nov2019-29Nov2020	25	0.00049091	-1.7547919	0.00191814	0.10847689	0.01328929	0.00105963
28Nov2019-29Nov2020	24						
28Nov2019-29Nov2020	23	-0.0005081	-0.8480535	0.00168084	0.07339923	0.25036387	3.88628805
28Nov2019-29Nov2020	22						
28Nov2019-29Nov2020	21						
28Nov2019-29Nov2020	20						
28Nov2019-29Nov2020	19	0.00025856	-0.459075	0.0008193	0.02572218	0.09734392	0.50221943
28Nov2019-29Nov2020	18	-0.0002991	-0.567502	0.00181427	0.07816633	0.06284809	0.08689742
28Nov2019-29Nov2020	17						
28Nov2019-29Nov2020	16						
28Nov2019-29Nov2020	15						
28Nov2019-29Nov2020	14						
28Nov2019-29Nov2020	13						
28Nov2019-29Nov2020	12						
28Nov2019-29Nov2020	11						
28Nov2019-29Nov2020	10						
28Nov2019-29Nov2020	9						
28Nov2019-29Nov2020	8						
28Nov2019-29Nov2020	7						
28Nov2019-29Nov2020	6						
28Nov2019-29Nov2020	5						
28Nov2019-29Nov2020	4						
28Nov2019-29Nov2020	3						
28Nov2019-29Nov2020	2						
28Nov2019-29Nov2020	1						
9Apr-29Nov2020	51						
9Apr-29Nov2020	50	0.00112901	-1.5549769	0.00040996	0.06094747	0.0142013	0.00443689
9Apr-29Nov2020	49	-6.21E-05	-1.0627617	0.00055953	0.02165736	0.02059025	0.00975104
9Apr-29Nov2020	48						
9Apr-29Nov2020	47						
9Apr-29Nov2020	46	0.00076102	-0.5471809	0.00012269	0.00257694	0.00807802	0.00228391
9Apr-29Nov2020	45						
9Apr-29Nov2020	44	0.00124965	-0.0205992	0.00058261	0.04849941	0.03991195	0.05734671
9Apr-29Nov2020	43	0.00210097	0.22577754	0.00344926	0.14958269	0.08460643	0.12169023
9Apr-29Nov2020	42						
9Apr-29Nov2020	41	7.31E-05	0.16648013	0.00030605	0.04015588	0.04243543	0.10624517
9Apr-29Nov2020	40	-7.72E-05	0.39194639	0.00018793	0.02170286	0.05209495	0.25781896
9Apr-29Nov2020	39						
9Apr-29Nov2020	38						
9Apr-29Nov2020	37	0.00081489	0.33751732	0.001088	0.02818329	0.0353894	0.02630061
9Apr-29Nov2020	36						
9Apr-29Nov2020	35	0.00011262	0.31281561	0.00033543	0.03360873	0.15583518	3.27842156
9Apr-29Nov2020	34	0.00221162	-0.2599512	0.00041086	0.04448017	0.14690158	2.43854848
9Apr-29Nov2020	33	0.00120918	-0.5754046	0.00030924	0.03126814	0.0211847	0.01615649
9Apr-29Nov2020	32	0.00276497	-0.3190495	0.00027451	0.02193131	0.13033217	2.32714714
9Apr-29Nov2020	31	0.00254425	0.04337623	0.00028897	0.02675625	0.17093814	4.64595564
9Apr-29Nov2020	30	0.00274063	0.19307827	0.00029103	0.02694699	0.17215669	4.71243045
9Apr-29Nov2020	29	0.00307992	-0.7336942	0.00074298	0.01560543	0.04891897	0.08375728

9Apr-29Nov2020	28						
9Apr-29Nov2020	27						
9Apr-29Nov2020	26	-0.0012153	-0.9466443	0.00049241	0.04844836	0.07679188	0.37740755
9Apr-29Nov2020	25	0.00013858	-1.3521922	0.00030509	0.01024764	0.00211369	2.68E-05
9Apr-29Nov2020	24	-0.0008318	-0.89487	0.00103403	0.0603826	0.03363392	0.02375605
9Apr-29Nov2020	23						
9Apr-29Nov2020	22						
9Apr-29Nov2020	21						
9Apr-29Nov2020	20	0.00028991	2.30386621	0.00084388	0.00749658	0.01607061	0.00361571
9Apr-29Nov2020	19						
9Apr-29Nov2020	18						
9Apr-29Nov2020	17						
9Apr-29Nov2020	16						
9Apr-29Nov2020	15						
9Apr-29Nov2020	14						
9Apr-29Nov2020	13						
9Apr-29Nov2020	12						
9Apr-29Nov2020	11						
9Apr-29Nov2020	10						
9Apr-29Nov2020	9						
9Apr-29Nov2020	8						
9Apr-29Nov2020	7						
9Apr-29Nov2020	6						
9Apr-29Nov2020	5						
9Apr-29Nov2020	4						
9Apr-29Nov2020	3						
9Apr-29Nov2020	2						
9Apr-29Nov2020	1						

Table S3: Compiled regression parameters cont. (regression limits and box data)

Pair	box	valid	yOffsetAtX0	sigmabSum	ctr_lat	ctr_lon	dist_1st_m	azDeg	xMinL	xMaxL	xMinR	xMaxR	X0	dist_naro
9Apr2020-2Apr2021(a)	51	TRUE	0.33061727	0.05804075	12.0134796	123.999837	25989.123	-36.46924	-50	-31	88	160	0	25002.4913
9Apr2020-2Apr2021(a)	50	TRUE	0.38786592	0.07370385	12.0171934	123.997069	25479.747	-36.46924	-74	-30	0	68	0	24491.5148
9Apr2020-2Apr2021(a)	49	TRUE	0.4639638	0.1124486	12.0209071	123.994302	24970.375	-36.46924	-160	-45	0	160	0	23980.5378
9Apr2020-2Apr2021(a)	48	TRUE	0.501567	0.06620439	12.0246208	123.991534	24460.999	-36.46924	-99	0	0	160	0	23469.564
9Apr2020-2Apr2021(a)	47	TRUE	0.59215153	0.09725738	12.0283346	123.988767	23951.623	-36.46924	-124	-30	34	59	0	22958.578
9Apr2020-2Apr2021(a)	46	TRUE	0.42273051	0.08570385	12.032046	123.986001	23442.562	-36.46924	-160	0	0	160	0	22447.9199
9Apr2020-2Apr2021(a)	45	TRUE	0.44807044	0.09617988	12.0357351	123.9832	22933.188	-37.01376	-92	-57	8	53	0	21937.0629
9Apr2020-2Apr2021(a)	44	TRUE	0.50201288	0.07099576	12.0395007	123.980503	22423.5	-34.28242	-160	0	31	42	0	21425.9031
9Apr2020-2Apr2021(a)	43	TRUE	0.51252981	0.08398603	12.0433156	123.977882	21914.122	-34.28242	-150	0	25	160	0	20915.004
9Apr2020-2Apr2021(a)	42	TRUE	0.5091425	0.07793473	12.0471305	123.97526	21404.749	-34.28242	-160	0	40	94	0	20404.1119
9Apr2020-2Apr2021(a)	41	TRUE	0.513505	0.27549835	12.0509453	123.972637	20895.373	-34.28242	-82	0	110	160	0	19893.2368
9Apr2020-2Apr2021(a)	40	TRUE	0.5158335	0.20828162	12.0547578	123.970017	20386.31	-34.28242	-90	0	107	160	0	19382.6862
9Apr2020-2Apr2021(a)	39	TRUE	0.51129583	0.10120106	12.0585726	123.967395	19876.936	-34.28242	-160	-39	1	160	0	18871.8426
9Apr2020-2Apr2021(a)	38	TRUE	0.51173828	0.30734372	12.062385	123.964774	19367.875	-34.28242	-114	0	112	160	0	18361.3219
9Apr2020-2Apr2021(a)	37	TRUE	0.51038104	0.06747316	12.0661997	123.962152	18858.5	-35.0367	-40	-10	0	160	0	17850.5107
9Apr2020-2Apr2021(a)	36	TRUE	0.50446906	0.08622232	12.0699288	123.959401	18348.811	-36.55247	-138	-30	50	83	0	17339.2348
9Apr2020-2Apr2021(a)	35	FALSE			12.0736383	123.956627	17839.436	-36.55247	-31	0	26	51	0	16828.2477
9Apr2020-2Apr2021(a)	34	TRUE	0.48961351	0.05543362	12.0773553	123.953864	17330.061	-36.23412	-160	-11	0	160	0	16317.2378
9Apr2020-2Apr2021(a)	33	TRUE	0.4433971	0.10364311	12.0810798	123.95111	16820.686	-36.23412	-160	0	37	64	0	15806.2305
9Apr2020-2Apr2021(a)	32	TRUE	0.4300224	0.05800527	12.0848044	123.948357	16311.312	-36.23412	-57	0	5	39	0	15295.2102
9Apr2020-2Apr2021(a)	31	TRUE	0.370367	0.12202377	12.0885266	123.945606	15802.248	-36.23412	-50	-33	13	56	0	14784.5169
9Apr2020-2Apr2021(a)	30	FALSE			12.0922488	123.942854	15293.187	-36.23412	-159	-95	34	83	0	14273.8133
9Apr2020-2Apr2021(a)	29	FALSE			12.0959733	123.940101	14783.812	-36.23412	-160	-1	120	138	0	13762.7967
9Apr2020-2Apr2021(a)	28	FALSE			12.0996954	123.937349	14274.748	-36.23412	-136	-130	0	160	0	13252.1006
9Apr2020-2Apr2021(a)	27	FALSE			12.1034198	123.934595	13765.374	-35.65758	-145	-118	0	160	0	12741.0915
9Apr2020-2Apr2021(a)	26	FALSE			12.1072075	123.931928	13255.687	-34.76896	-160	0	0	56	0	12229.853
9Apr2020-2Apr2021(a)	25	FALSE			12.111	123.929271	12746.311	-34.76896	-118	-93	60	83	0	11718.9464
9Apr2020-2Apr2021(a)	24	TRUE	0.21597131	0.12122572	12.1147924	123.926615	12236.937	-34.76896	-107	-64	22	70	0	11208.0693
9Apr2020-2Apr2021(a)	23	TRUE	0.20303197	0.09808602	12.1185848	123.923959	11727.561	-34.76896	-97	-26	39	69	0	10697.2088
9Apr2020-2Apr2021(a)	22	FALSE			12.1223772	123.921303	11218.185	-34.76896	-62	0	2	17	0	10186.3746
9Apr2020-2Apr2021(a)	21	TRUE	0.17020049	0.03977519	12.1261695	123.918647	10708.813	-34.76896	-134	0	37	71	0	9675.57276
9Apr2020-2Apr2021(a)	20	FALSE			12.1299596	123.915992	10199.749	-34.76896	-160	0	87	100	0	9165.09916
9Apr2020-2Apr2021(a)	19	FALSE			12.1337519	123.913335	9690.373	-34.76896	-39	0	0	100	0	8654.35916
9Apr2020-2Apr2021(a)	18	TRUE	0.13911565	0.06386273	12.1375442	123.910679	9180.999	-34.76896	-27	-17	6	38	0	8143.66645
9Apr2020-2Apr2021(a)	17	FALSE			12.1413424	123.908031	8671.623	-34.4424	-160	0	0	160	0	7633.07992
9Apr2020-2Apr2021(a)	16	FALSE			12.1451521	123.9054	8162.25	-34.38453	-160	0	0	160	0	7122.6574
9Apr2020-2Apr2021(a)	15	TRUE	0.07130727	0.05695096	12.1489618	123.90277	7652.873	-34.38453	-139	0	1	112	0	6612.34505
9Apr2020-2Apr2021(a)	14	TRUE	0.08665142	0.06495988	12.1527715	123.900139	7143.5	-34.38453	-41	0	11	26	0	6102.16332
9Apr2020-2Apr2021(a)	13	FALSE			12.1565811	123.897508	6634.125	-34.38453	-160	0	0	160	0	5592.15107
9Apr2020-2Apr2021(a)	12	FALSE			12.1603908	123.894877	6124.748	-34.38453	-160	0	18	39	0	5082.36233
9Apr2020-2Apr2021(a)	11	TRUE	0.09872866	0.0551126	12.1642004	123.892245	5615.375	-34.38453	-123	0	0	38	0	4572.8758
9Apr2020-2Apr2021(a)	10	FALSE			12.1680076	123.889616	5106.312	-34.38453	-19	-7	6	160	0	4064.11111
9Apr2020-2Apr2021(a)	9	FALSE			12.1718149	123.886986	4597.248	-34.38453	-160	0	0	160	0	3555.9179
9Apr2020-2Apr2021(a)	8	FALSE			12.1756244	123.884355	4087.875	-33.38308	-160	0	0	160	0	3048.30546
9Apr2020-2Apr2021(a)	7	FALSE			12.1795879	123.881978	3578.5	-29.12406	-160	0	0	160	0	2548.49746
9Apr2020-2Apr2021(a)	6	FALSE			12.1836163	123.879714	3069.437	-29.12406	-160	0	0	160	0	2058.13857
9Apr2020-2Apr2021(a)	5	FALSE			12.1876735	123.877499	2559.748	-24.86524	-160	0	0	160	0	1583.23562
9Apr2020-2Apr2021(a)	4	FALSE			12.1919488	123.875757	2050.374	-22.02306	-160	0	0	160	0	1176.85011

9Apr2020-2Apr2021(a)	3	FALSE			12.1962216	123.874016	1541.31	-22.02306	-160	0	0	160	0	887.230403
9Apr2020-2Apr2021(a)	2	FALSE			12.2005074	123.87227	1030.686	-27.76169	-160	0	0	160	0	844.385799
9Apr2020-2Apr2021(a)	1	FALSE			12.2043576	123.869682	520.062	-33.81824	-160	0	0	160	0	995.256034
9Apr2020-2Apr2021(b)	51	TRUE	0.33273487	0.0287009	12.0134796	123.999837	25989.123	-36.46924	-50	-48	32	39	0	25002.4913
9Apr2020-2Apr2021(b)	50	TRUE	0.4239644	0.12114326	12.0171934	123.997069	25479.747	-36.46924	-160	-63	36	69	0	24491.5148
9Apr2020-2Apr2021(b)	49	FALSE			12.0209071	123.994302	24970.375	-36.46924	-92	0	65	160	0	23980.5378
9Apr2020-2Apr2021(b)	48	TRUE	0.49173623	0.28415468	12.0246208	123.991534	24460.999	-36.46924	-90	-83	0	160	0	23469.564
9Apr2020-2Apr2021(b)	47	TRUE	0.60625078	0.09817956	12.0283346	123.988767	23951.623	-36.46924	-123	-5	86	160	0	22958.578
9Apr2020-2Apr2021(b)	46	TRUE	0.46588346	0.09897281	12.0320483	123.985999	23442.249	-36.46924	-62	-39	31	160	0	22447.6043
9Apr2020-2Apr2021(b)	45	FALSE			12.0357306	123.983203	22933.81	-37.01649	-159	-118	53	84	0	21936.741
9Apr2020-2Apr2021(b)	44	TRUE	0.49556171	0.05118723	12.0395007	123.980503	22423.5	-34.28242	-32	0	9	78	0	21425.9031
9Apr2020-2Apr2021(b)	43	TRUE	0.50264535	0.12184013	12.0433156	123.977882	21914.122	-34.28242	-136	-95	0	160	0	20915.004
9Apr2020-2Apr2021(b)	42	TRUE	0.50039218	0.05399266	12.0471281	123.975261	21405.062	-34.28242	-160	-27	28	160	0	20404.4302
9Apr2020-2Apr2021(b)	41	TRUE	0.51632243	0.13261708	12.0509406	123.972641	20895.998	-34.28242	-160	-72	13	47	0	19893.8707
9Apr2020-2Apr2021(b)	40	TRUE	0.50832927	0.15420568	12.0547554	123.970019	20386.624	-34.28242	-146	-98	0	27	0	19383.0108
9Apr2020-2Apr2021(b)	39	TRUE	0.50641744	0.05290008	12.0585679	123.967398	19877.562	-34.28242	-160	0	0	160	0	18872.47
9Apr2020-2Apr2021(b)	38	TRUE	0.50097173	0.06105171	12.0623803	123.964777	19368.498	-34.28242	-160	0	0	136	0	18361.9493
9Apr2020-2Apr2021(b)	37	TRUE	0.4934522	0.08178192	12.0661951	123.962155	18859.125	-35.03386	-45	0	0	160	0	17851.1291
9Apr2020-2Apr2021(b)	36	TRUE	0.50860693	0.06499803	12.0699243	123.959405	18349.434	-36.55247	-160	0	40	160	0	17339.8569
9Apr2020-2Apr2021(b)	35	TRUE	0.45001453	0.16392881	12.0736338	123.956631	17840.062	-36.55247	-147	-72	50	71	0	16828.8698
9Apr2020-2Apr2021(b)	34	TRUE	0.44143461	0.06129742	12.0773507	123.953867	17330.685	-36.23412	-99	0	13	138	0	16317.8689
9Apr2020-2Apr2021(b)	33	TRUE	0.43482766	0.07252913	12.0810753	123.951114	16821.31	-36.23412	-41	0	14	160	0	15806.8526
9Apr2020-2Apr2021(b)	32	FALSE			12.0847998	123.948361	16311.936	-36.23412	-57	-23	0	55	0	15295.8413
9Apr2020-2Apr2021(b)	31	TRUE	0.3824916	0.06721108	12.088522	123.945609	15802.874	-36.23412	-60	-33	0	160	0	14785.1416
9Apr2020-2Apr2021(b)	30	FALSE			12.0922442	123.942857	15293.811	-36.23412	-17	0	36	49	0	14274.4444
9Apr2020-2Apr2021(b)	29	TRUE	0.32058185	0.0917417	12.0959687	123.940104	14784.436	-36.23412	-41	0	0	77	0	13763.4278
9Apr2020-2Apr2021(b)	28	TRUE	0.2713261	0.04438389	12.0996909	123.937352	14275.372	-36.23412	-24	-6	16	30	0	13252.7227
9Apr2020-2Apr2021(b)	27	FALSE			12.1034153	123.934599	13765.998	-35.65941	-160	0	96	103	0	12741.7072
9Apr2020-2Apr2021(b)	26	FALSE			12.1072029	123.931931	13256.311	-34.76896	-77	0	0	160	0	12230.4714
9Apr2020-2Apr2021(b)	25	TRUE	0.23117737	0.08136461	12.110993	123.929276	12747.25	-34.76896	-160	0	8	145	0	11719.8892
9Apr2020-2Apr2021(b)	24	FALSE			12.1147854	123.92662	12237.873	-34.76896	-160	0	0	160	0	11209.0121
9Apr2020-2Apr2021(b)	23	FALSE			12.1185755	123.923966	11728.812	-34.76896	-160	0	0	160	0	10698.4607
9Apr2020-2Apr2021(b)	22	FALSE			12.1223655	123.921311	11219.75	-34.76896	-160	0	0	160	0	10187.9508
9Apr2020-2Apr2021(b)	21	FALSE			12.1261556	123.918656	10710.686	-34.76896	-63	-51	0	160	0	9677.44906
9Apr2020-2Apr2021(b)	20	FALSE			12.1299479	123.916	10201.312	-34.76896	-141	-113	0	160	0	9166.66876
9Apr2020-2Apr2021(b)	19	TRUE	0.13216121	0.06557524	12.1337379	123.913345	9692.248	-34.76896	-39	0	86	121	0	8656.24412
9Apr2020-2Apr2021(b)	18	TRUE	0.11030284	0.06867561	12.1375302	123.910689	9182.872	-34.76896	-160	0	0	72	0	8145.55122
9Apr2020-2Apr2021(b)	17	TRUE	0.11110897	0.10371259	12.1413284	123.908041	8673.498	-34.44383	-57	0	58	160	0	7634.95139
9Apr2020-2Apr2021(b)	16	TRUE	0.0956645	0.05383098	12.1451381	123.90541	8164.124	-34.38453	-113	0	0	160	0	7124.53504
9Apr2020-2Apr2021(b)	15	FALSE			12.1489455	123.902781	7655.061	-34.38453	-160	0	0	160	0	6614.52449
9Apr2020-2Apr2021(b)	14	FALSE			12.1527551	123.90015	7145.688	-34.38453	-160	0	0	160	0	6104.35088
9Apr2020-2Apr2021(b)	13	FALSE			12.1565624	123.897521	6636.624	-34.38453	-160	0	0	160	0	5594.65972
9Apr2020-2Apr2021(b)	12	FALSE			12.1603721	123.894889	6127.248	-34.38453	-160	0	0	160	0	5084.86301
9Apr2020-2Apr2021(b)	11	FALSE			12.1641793	123.89226	5618.188	-34.38453	-160	0	0	160	0	4575.6917
9Apr2020-2Apr2021(b)	10	FALSE			12.1679866	123.88963	5109.124	-34.38453	-160	0	0	160	0	4066.91567
9Apr2020-2Apr2021(b)	9	FALSE			12.1717938	123.887001	4600.061	-34.38453	-160	0	0	160	0	3558.72704
9Apr2020-2Apr2021(b)	8	FALSE			12.1756034	123.884369	4090.688	-33.41265	-160	0	0	160	0	3051.10011
9Apr2020-2Apr2021(b)	7	FALSE			12.1795682	123.881989	3580.999	-29.12406	-160	0	0	160	0	2550.91757
9Apr2020-2Apr2021(b)	6	FALSE			12.1835965	123.879725	3071.937	-29.12406	-160	0	0	160	0	2060.52188
9Apr2020-2Apr2021(b)	5	FALSE			12.1876525	123.877507	2562.249	-24.90077	-160	0	0	160	0	1585.37754
9Apr2020-2Apr2021(b)	4	FALSE			12.1919305	123.875764	2052.562	-22.02306	-160	0	0	160	0	1178.41927

9Apr2020-2Apr2021(b)	3	FALSE			12.1962032	123.874024	1543.498	-22.02306	-160	0	0	160	0	888.038444
9Apr2020-2Apr2021(b)	2	FALSE			12.2004864	123.872279	1033.187	-27.70254	-160	0	0	160	0	843.836214
9Apr2020-2Apr2021(b)	1	FALSE			12.2043387	123.869695	522.562	-33.81824	-160	0	0	160	0	993.93096
9Apr2020-11Apr2021	51	TRUE	0.35484604	0.09205563	12.0134796	123.999837	25989.123	-36.46924	-11	0	53	71	0	25002.4913
9Apr2020-11Apr2021	50	TRUE	0.40810627	0.10028857	12.0171911	123.997071	25480.062	-36.46924	-118	-72	18	55	0	24491.8304
9Apr2020-11Apr2021	49	FALSE			12.0209026	123.994305	24970.999	-36.46924	-73	0	30	100	0	23981.16
9Apr2020-11Apr2021	48	TRUE	0.49005569	0.17678469	12.024614	123.991539	24461.936	-36.46924	-156	-108	0	66	0	23470.5017
9Apr2020-11Apr2021	47	TRUE	0.59723665	0.31237946	12.0283277	123.988772	23952.561	-36.46924	-125	-116	0	160	0	22959.5247
9Apr2020-11Apr2021	46	TRUE	0.47399386	0.0687113	12.0320414	123.986004	23443.187	-36.46924	-160	-20	0	160	0	22448.551
9Apr2020-11Apr2021	45	FALSE			12.0357306	123.983203	22933.81	-37.01649	-160	0	0	160	0	21937.685
9Apr2020-11Apr2021	44	TRUE	0.49021133	0.14847772	12.0394937	123.980508	22424.438	-34.28242	-117	-59	0	160	0	21426.8399
9Apr2020-11Apr2021	43	TRUE	0.50328367	0.0615519	12.0433086	123.977886	21915.06	-34.28242	-90	0	21	41	0	20915.9407
9Apr2020-11Apr2021	42	FALSE			12.0471211	123.975266	21405.999	-34.28242	-65	-59	6	41	0	20405.3669
9Apr2020-11Apr2021	41	TRUE	0.49576506	0.27863187	12.0509359	123.972644	20896.626	-34.28242	-76	-51	123	160	0	19894.4981
9Apr2020-11Apr2021	40	FALSE			12.0547484	123.970023	20387.562	-34.28242	-58	0	0	107	0	19383.9475
9Apr2020-11Apr2021	39	TRUE	0.50690608	0.08513555	12.0585632	123.967401	19878.187	-34.28242	-160	0	0	155	0	18873.0975
9Apr2020-11Apr2021	38	TRUE	0.49770879	0.33923548	12.0623756	123.964781	19369.123	-34.28242	-34	-15	110	160	0	18362.5767
9Apr2020-11Apr2021	37	FALSE			12.0661904	123.962158	18859.75	-35.03102	-160	0	0	160	0	17851.7565
9Apr2020-11Apr2021	36	FALSE			12.0699197	123.959408	18350.062	-36.55247	-160	0	0	160	0	17340.488
9Apr2020-11Apr2021	35	FALSE			12.0736292	123.956634	17840.685	-36.55247	-160	0	0	160	0	16829.5009
9Apr2020-11Apr2021	34	FALSE			12.0773439	123.953872	17331.624	-36.23412	-160	0	0	160	0	16318.8066
9Apr2020-11Apr2021	33	FALSE			12.0810661	123.951121	16822.562	-36.23412	-160	0	0	160	0	15808.1148
9Apr2020-11Apr2021	32	FALSE			12.0847884	123.948369	16313.498	-36.23412	-160	0	0	160	0	15297.41
9Apr2020-11Apr2021	31	FALSE			12.0885106	123.945618	15804.437	-36.23412	-160	0	0	160	0	14786.7104
9Apr2020-11Apr2021	30	FALSE			12.0922328	123.942866	15295.373	-36.23412	-160	0	0	160	0	14276.0068
9Apr2020-11Apr2021	29	FALSE			12.095955	123.940114	14786.312	-36.23412	-160	0	0	160	0	13765.3057
9Apr2020-11Apr2021	28	FALSE			12.0996794	123.937361	14276.937	-36.23412	-160	0	0	160	0	13254.2941
9Apr2020-11Apr2021	27	FALSE			12.1034038	123.934607	13767.563	-35.66399	-160	0	0	160	0	12743.2849
9Apr2020-11Apr2021	26	FALSE			12.1071912	123.931939	13257.874	-34.76896	-160	0	0	160	0	12232.0479
9Apr2020-11Apr2021	25	FALSE			12.1109813	123.929285	12748.813	-34.76896	-160	0	0	160	0	11721.4658
9Apr2020-11Apr2021	24	FALSE			12.1147715	123.92663	12239.748	-34.76896	-160	0	0	160	0	11210.8887
9Apr2020-11Apr2021	23	FALSE			12.1185615	123.923975	11730.684	-34.76896	-160	0	0	160	0	10700.3462
9Apr2020-11Apr2021	22	FALSE			12.1223516	123.921321	11221.625	-34.76896	-160	0	0	160	0	10189.8208
9Apr2020-11Apr2021	21	FALSE			12.1261416	123.918666	10712.561	-34.76896	-160	0	0	160	0	9679.32788
9Apr2020-11Apr2021	20	FALSE			12.1299316	123.916011	10203.499	-34.76896	-160	0	0	160	0	9168.86294
9Apr2020-11Apr2021	19	FALSE			12.1337216	123.913357	9694.435	-34.76896	-160	0	0	160	0	8658.4381
9Apr2020-11Apr2021	18	FALSE			12.1375116	123.910702	9185.375	-34.76896	-160	0	0	160	0	8148.05397
9Apr2020-11Apr2021	17	FALSE			12.1413097	123.908054	8675.998	-34.44576	-160	0	0	160	0	7637.46271
9Apr2020-11Apr2021	16	FALSE			12.1451194	123.905423	8166.624	-34.38453	-160	0	0	160	0	7127.03934
9Apr2020-11Apr2021	15	FALSE			12.1489291	123.902792	7657.249	-34.38453	-160	0	0	160	0	6616.71936
9Apr2020-11Apr2021	14	FALSE			12.1527388	123.900161	7147.873	-34.38453	-160	0	0	160	0	6106.53628
9Apr2020-11Apr2021	13	FALSE			12.1565484	123.89753	6638.499	-34.38453	-160	0	0	160	0	5596.53567
9Apr2020-11Apr2021	12	FALSE			12.160358	123.894899	6129.126	-34.38453	-160	0	0	160	0	5086.74676
9Apr2020-11Apr2021	11	FALSE			12.1641677	123.892268	5619.748	-34.38453	-160	0	0	160	0	4577.24172
9Apr2020-11Apr2021	10	FALSE			12.1679772	123.889637	5110.374	-34.38453	-160	0	0	160	0	4068.17171
9Apr2020-11Apr2021	9	FALSE			12.1717868	123.887006	4600.998	-34.38453	-160	0	0	160	0	3559.66528
9Apr2020-11Apr2021	8	FALSE			12.1755964	123.884374	4091.623	-33.4225	-160	0	0	160	0	3052.02928
9Apr2020-11Apr2021	7	FALSE			12.1795583	123.881995	3582.249	-29.12406	-160	0	0	160	0	2552.13546
9Apr2020-11Apr2021	6	FALSE			12.1835891	123.879729	3072.874	-29.12406	-160	0	0	160	0	2061.41679
9Apr2020-11Apr2021	5	FALSE			12.1876446	123.87751	2563.186	-24.91409	-160	0	0	160	0	1586.18379
9Apr2020-11Apr2021	4	FALSE			12.1919252	123.875767	2053.186	-22.02306	-160	0	0	160	0	1178.86694

9Apr2020-11Apr2021	3	FALSE			12.1962006	123.874025	1543.812	-22.02306	-160	0	0	160	0	888.158904
9Apr2020-11Apr2021	2	FALSE			12.2004838	123.87228	1033.501	-27.69515	-160	0	0	160	0	843.77295
9Apr2020-11Apr2021	1	FALSE			12.2043364	123.869696	522.875	-33.81824	-160	0	0	160	0	993.771958
9Apr2020-12Apr2021	51	TRUE	0.34067834	0.01544119	12.0134796	123.999837	25989.123	-36.46924	-33	-16	0	3	0	25002.4913
9Apr2020-12Apr2021	50	TRUE	0.397865	0.09687638	12.0171934	123.997069	25479.747	-36.46924	-134	-65	117	160	0	24491.5148
9Apr2020-12Apr2021	49	FALSE			12.0209071	123.994302	24970.375	-36.46924	-160	0	0	160	0	23980.5378
9Apr2020-12Apr2021	48	FALSE			12.0246208	123.991534	24460.999	-36.46924	-87	-61	113	129	0	23469.564
9Apr2020-12Apr2021	47	FALSE			12.0283346	123.988767	23951.623	-36.46924	-102	-47	0	160	0	22958.578
9Apr2020-12Apr2021	46	TRUE	0.43338997	0.15240233	12.032046	123.986001	23442.562	-36.46924	-67	-60	59	88	0	22447.9199
9Apr2020-12Apr2021	45	FALSE			12.0357306	123.983203	22933.81	-37.01649	-160	0	0	160	0	21937.685
9Apr2020-12Apr2021	44	TRUE	0.50785284	0.04576955	12.0395007	123.980503	22423.5	-34.28242	-160	0	27	160	0	21425.9031
9Apr2020-12Apr2021	43	TRUE	0.51026379	0.05387817	12.0433156	123.977882	21914.122	-34.28242	-81	0	0	115	0	20915.004
9Apr2020-12Apr2021	42	TRUE	0.49994464	0.07052767	12.0471305	123.97526	21404.749	-34.28242	-53	-17	0	160	0	20404.1119
9Apr2020-12Apr2021	41	TRUE	0.50651659	0.08757276	12.0509453	123.972637	20895.373	-34.28242	-101	0	60	160	0	19893.2368
9Apr2020-12Apr2021	40	TRUE	0.50586362	0.03894603	12.0547578	123.970017	20386.31	-34.28242	-137	-19	0	160	0	19382.6862
9Apr2020-12Apr2021	39	TRUE	0.50849381	0.12791967	12.0585726	123.967395	19876.936	-34.28242	-100	-82	36	63	0	18871.8426
9Apr2020-12Apr2021	38	TRUE	0.50566202	0.05641981	12.062385	123.964774	19367.875	-34.28242	-149	0	13	77	0	18361.3219
9Apr2020-12Apr2021	37	FALSE			12.0661997	123.962152	18858.5	-35.0367	-160	0	0	160	0	17850.5107
9Apr2020-12Apr2021	36	FALSE			12.0699288	123.959401	18348.811	-36.55247	-50	0	56	160	0	17339.2348
9Apr2020-12Apr2021	35	TRUE	0.4612902	0.05270663	12.0736383	123.956627	17839.436	-36.55247	-160	-53	27	113	0	16828.2477
9Apr2020-12Apr2021	34	FALSE			12.0773553	123.953864	17330.061	-36.23412	-86	0	0	11	0	16317.2378
9Apr2020-12Apr2021	33	FALSE			12.0810798	123.95111	16820.686	-36.23412	-47	-18	6	14	0	15806.2305
9Apr2020-12Apr2021	32	TRUE	0.39607981	0.04912496	12.0848044	123.948357	16311.312	-36.23412	-160	0	41	160	0	15295.2102
9Apr2020-12Apr2021	31	TRUE	0.37561915	0.04125047	12.0885266	123.945606	15802.248	-36.23412	-84	0	11	145	0	14784.5169
9Apr2020-12Apr2021	30	TRUE	0.3603707	0.02877028	12.0922488	123.942854	15293.187	-36.23412	-34	-5	22	39	0	14273.8133
9Apr2020-12Apr2021	29	TRUE	0.29337087	0.04273896	12.0959733	123.940101	14783.812	-36.23412	-35	-7	0	59	0	13762.7967
9Apr2020-12Apr2021	28	TRUE	0.28145075	0.02664526	12.0996954	123.937349	14274.748	-36.23412	-32	0	9	29	0	13252.1006
9Apr2020-12Apr2021	27	TRUE	0.26913973	0.0433584	12.1034198	123.934595	13765.374	-35.65758	-9	0	0	149	0	12741.0915
9Apr2020-12Apr2021	26	FALSE			12.1072075	123.931928	13255.687	-34.76896	-8	-5	18	32	0	12229.853
9Apr2020-12Apr2021	25	FALSE			12.111	123.929271	12746.311	-34.76896	-160	0	0	160	0	11718.9464
9Apr2020-12Apr2021	24	FALSE			12.1147924	123.926615	12236.937	-34.76896	-160	0	0	160	0	11208.0693
9Apr2020-12Apr2021	23	TRUE	0.19663186	0.02751369	12.1185848	123.923959	11727.561	-34.76896	-8	0	23	39	0	10697.2088
9Apr2020-12Apr2021	22	FALSE			12.1223772	123.921303	11218.185	-34.76896	-160	0	0	160	0	10186.3746
9Apr2020-12Apr2021	21	TRUE	0.17966687	0.09167586	12.1261695	123.918647	10708.813	-34.76896	-37	-14	13	37	0	9675.57276
9Apr2020-12Apr2021	20	FALSE			12.1299596	123.915992	10199.749	-34.76896	-160	0	0	160	0	9165.09916
9Apr2020-12Apr2021	19	TRUE	0.14196721	0.05961489	12.1337519	123.913335	9690.373	-34.76896	-68	-28	0	66	0	8654.35916
9Apr2020-12Apr2021	18	TRUE	0.10857924	0.12127174	12.1375442	123.910679	9180.999	-34.76896	-43	-34	22	59	0	8143.66645
9Apr2020-12Apr2021	17	FALSE			12.1413424	123.908031	8671.623	-34.4424	-160	0	0	160	0	7633.07992
9Apr2020-12Apr2021	16	FALSE			12.1451521	123.9054	8162.25	-34.38453	-160	-81	22	51	0	7122.6574
9Apr2020-12Apr2021	15	TRUE	0.07997286	0.2444946	12.1489618	123.90277	7652.873	-34.38453	-140	-81	84	121	0	6612.34505
9Apr2020-12Apr2021	14	TRUE	0.06731385	0.02921437	12.1527715	123.900139	7143.5	-34.38453	-48	-14	0	4	0	6102.16332
9Apr2020-12Apr2021	13	FALSE			12.1565811	123.897508	6634.125	-34.38453	-25	-13	23	36	0	5592.15107
9Apr2020-12Apr2021	12	FALSE			12.1603908	123.894877	6124.748	-34.38453	-160	0	0	160	0	5082.36233
9Apr2020-12Apr2021	11	FALSE			12.1642004	123.892245	5615.375	-34.38453	-160	0	0	160	0	4572.8758
9Apr2020-12Apr2021	10	FALSE			12.1680076	123.889616	5106.312	-34.38453	-160	0	0	160	0	4064.11111
9Apr2020-12Apr2021	9	FALSE			12.1718149	123.886986	4597.248	-34.38453	-160	0	0	160	0	3555.9179
9Apr2020-12Apr2021	8	FALSE			12.1756244	123.884355	4087.875	-33.38308	-160	0	0	160	0	3048.30546
9Apr2020-12Apr2021	7	FALSE			12.1795879	123.881978	3578.5	-29.12406	-160	0	0	160	0	2548.49746
9Apr2020-12Apr2021	6	FALSE			12.1836163	123.879714	3069.437	-29.12406	-160	0	0	160	0	2058.13857
9Apr2020-12Apr2021	5	FALSE			12.1876735	123.877499	2559.748	-24.86524	-160	0	0	160	0	1583.23562
9Apr2020-12Apr2021	4	FALSE			12.1919488	123.875757	2050.374	-22.02306	-160	0	0	160	0	1176.85011

9Apr2020-12Apr2021	3	FALSE			12.1962216	123.874016	1541.31	-22.02306	-160	0	0	160	0	887.230403
9Apr2020-12Apr2021	2	FALSE			12.2005074	123.87227	1030.686	-27.76169	-160	0	0	160	0	844.385799
9Apr2020-12Apr2021	1	FALSE			12.2043576	123.869682	520.062	-33.81824	-160	0	0	160	0	995.256034
28Nov2019-29Nov2020	51	TRUE	0.35189053	0.18592042	12.0134796	123.999837	25989.123	-36.46924	-124	-93	64	160	0	25002.4913
28Nov2019-29Nov2020	50	TRUE	0.40039509	0.07581852	12.0171934	123.997069	25479.747	-36.46924	-95	-31	11	25	0	24491.5148
28Nov2019-29Nov2020	49	FALSE			12.0209071	123.994302	24970.375	-36.46924	-89	-60	39	56	0	23980.5378
28Nov2019-29Nov2020	48	TRUE	0.51344445	0.07101798	12.0246208	123.991534	24460.999	-36.46924	-48	-33	0	63	0	23469.564
28Nov2019-29Nov2020	47	FALSE			12.0283346	123.988767	23951.623	-36.46924	-93	-22	0	160	0	22958.578
28Nov2019-29Nov2020	46	TRUE	0.44647942	0.04589228	12.032046	123.986001	23442.562	-36.46924	-51	-17	0	33	0	22447.9199
28Nov2019-29Nov2020	45	TRUE	0.4904061	0.03427494	12.0357351	123.9832	22933.188	-37.01376	-92	-15	12	27	0	21937.0629
28Nov2019-29Nov2020	44	TRUE	0.51587319	0.11237674	12.0394984	123.980505	22423.811	-34.28242	-122	-94	0	160	0	21426.2124
28Nov2019-29Nov2020	43	TRUE	0.49950027	0.06202464	12.0433133	123.977883	21914.437	-34.28242	-160	-80	10	20	0	20915.3132
28Nov2019-29Nov2020	42	TRUE	0.49954208	0.07671498	12.0471258	123.975263	21405.372	-34.28242	-12	-3	44	153	0	20404.7394
28Nov2019-29Nov2020	41	FALSE			12.0509383	123.972642	20896.317	-34.28242	-37	-15	0	160	0	19894.1799
28Nov2019-29Nov2020	40	FALSE			12.0547531	123.97002	20386.937	-34.28242	-6	-1	117	139	0	19383.32
28Nov2019-29Nov2020	39	FALSE			12.0585655	123.9674	19877.874	-34.28242	-160	0	0	160	0	18872.7883
28Nov2019-29Nov2020	38	FALSE			12.062378	123.964779	19368.813	-34.28242	-160	-55	19	29	0	18362.2585
28Nov2019-29Nov2020	37	TRUE	0.50863164	0.08152299	12.0661927	123.962157	18859.435	-35.03244	-32	-16	18	34	0	17851.4473
28Nov2019-29Nov2020	36	TRUE	0.50457355	0.26404129	12.069922	123.959406	18349.749	-36.55247	-20	-7	41	70	0	17340.1725
28Nov2019-29Nov2020	35	TRUE	0.43662157	0.35189098	12.0736315	123.956632	17840.374	-36.55247	-105	-94	49	65	0	16829.1853
28Nov2019-29Nov2020	34	TRUE	0.45669601	0.0696154	12.0773484	123.953869	17330.998	-36.23412	-138	-56	68	137	0	16318.1845
28Nov2019-29Nov2020	33	FALSE			12.081073	123.951116	16821.623	-36.23412	-160	0	27	46	0	15807.1681
28Nov2019-29Nov2020	32	FALSE			12.0847975	123.948362	16312.249	-36.23412	-160	0	0	160	0	15296.1568
28Nov2019-29Nov2020	31	FALSE			12.0885198	123.945611	15803.185	-36.23412	-160	0	0	160	0	14785.4482
28Nov2019-29Nov2020	30	FALSE			12.0922419	123.942859	15294.124	-36.23412	-10	-7	46	70	0	14274.76
28Nov2019-29Nov2020	29	TRUE	0.30163284	0.11854357	12.0959664	123.940106	14784.749	-36.23412	-61	-49	2	16	0	13763.7433
28Nov2019-29Nov2020	28	TRUE	0.29491539	0.09178051	12.0996886	123.937354	14275.685	-36.23412	-17	-12	11	23	0	13253.0383
28Nov2019-29Nov2020	27	FALSE			12.103413	123.9346	13766.311	-35.66032	-160	-67	38	60	0	12742.0228
28Nov2019-29Nov2020	26	TRUE	0.2556875	0.12479991	12.1072005	123.931932	13256.626	-34.76896	-60	-9	36	56	0	12230.7959
28Nov2019-29Nov2020	25	TRUE	0.24133267	0.59738029	12.110993	123.929276	12747.25	-34.76896	-79	-74	53	60	0	11719.8892
28Nov2019-29Nov2020	24	FALSE			12.1147854	123.92662	12237.873	-34.76896	-58	-21	0	43	0	11209.0121
28Nov2019-29Nov2020	23	TRUE	0.20291529	0.13020956	12.1185755	123.923966	11728.812	-34.76896	-72	-56	8	71	0	10698.4607
28Nov2019-29Nov2020	22	FALSE			12.1223655	123.921311	11219.75	-34.76896	-25	-2	7	24	0	10187.9508
28Nov2019-29Nov2020	21	FALSE			12.1261556	123.918656	10710.686	-34.76896	-160	0	0	160	0	9677.44906
28Nov2019-29Nov2020	20	FALSE			12.1299456	123.916002	10201.624	-34.76896	-20	-13	0	5	0	9166.98428
28Nov2019-29Nov2020	19	TRUE	0.15499298	0.04308265	12.1337379	123.913345	9692.248	-34.76896	-23	0	0	54	0	8656.24412
28Nov2019-29Nov2020	18	TRUE	0.11672596	0.1039884	12.1375279	123.91069	9183.188	-34.76896	-23	-14	31	54	0	8145.86021
28Nov2019-29Nov2020	17	FALSE			12.1413261	123.908042	8673.813	-34.44408	-160	0	0	160	0	7635.26687
28Nov2019-29Nov2020	16	FALSE			12.1451334	123.905413	8164.749	-34.38453	-160	0	0	160	0	7125.16169
28Nov2019-29Nov2020	15	FALSE			12.1489408	123.902784	7655.686	-34.38453	-160	0	0	160	0	6615.15757
28Nov2019-29Nov2020	14	FALSE			12.1527481	123.900155	7146.623	-34.38453	-160	0	0	160	0	6105.29253
28Nov2019-29Nov2020	13	FALSE			12.1565555	123.897525	6637.56	-34.38453	-160	0	0	160	0	5595.58559
28Nov2019-29Nov2020	12	FALSE			12.1603651	123.894894	6128.186	-34.38453	-160	0	0	160	0	5085.79715
28Nov2019-29Nov2020	11	FALSE			12.1641747	123.892263	5618.813	-34.38453	-160	0	0	160	0	4576.30825
28Nov2019-29Nov2020	10	FALSE			12.1679843	123.889632	5109.436	-34.38453	-160	0	0	160	0	4067.22366
28Nov2019-29Nov2020	9	FALSE			12.1717915	123.887002	4600.373	-34.38453	-160	0	0	160	0	3559.04164
28Nov2019-29Nov2020	8	FALSE			12.175601	123.884371	4090.998	-33.41593	-160	0	0	160	0	3051.4154
28Nov2019-29Nov2020	7	FALSE			12.1795632	123.881992	3581.625	-29.12406	-160	0	0	160	0	2551.53055
28Nov2019-29Nov2020	6	FALSE			12.183594	123.879727	3072.249	-29.12406	-160	0	0	160	0	2060.82271
28Nov2019-29Nov2020	5	FALSE			12.1876498	123.877508	2562.562	-24.90521	-160	0	0	160	0	1585.65362
28Nov2019-29Nov2020	4	FALSE			12.1919278	123.875765	2052.875	-22.02306	-160	0	0	160	0	1178.64037

28Nov2019-29Nov2020	3	FALSE			12.1962006	123.874025	1543.812	-22.02306	-160	0	0	160	0	888.158904
28Nov2019-29Nov2020	2	FALSE			12.2004838	123.87228	1033.501	-27.69515	-160	0	0	160	0	843.77295
28Nov2019-29Nov2020	1	FALSE			12.2043364	123.869696	522.875	-33.81824	-160	0	0	160	0	993.771958
9Apr-29Nov2020	51	FALSE			12.0134796	123.999837	25989.123	-36.46924	-160	0	0	160	0	25002.4913
9Apr-29Nov2020	50	TRUE	0.39972558	0.08276611	12.0171934	123.997069	25479.747	-36.46924	-87	0	137	160	0	24491.5148
9Apr-29Nov2020	49	TRUE	0.47685942	0.14627711	12.0209071	123.994302	24970.375	-36.46924	-85	-62	26	50	0	23980.5378
9Apr-29Nov2020	48	FALSE			12.0246208	123.991534	24460.999	-36.46924	-108	0	45	85	0	23469.564
9Apr-29Nov2020	47	FALSE			12.0283346	123.988767	23951.623	-36.46924	-160	0	130	149	0	22958.578
9Apr-29Nov2020	46	TRUE	0.45356257	0.04315329	12.0320483	123.985999	23442.249	-36.46924	-160	-12	0	36	0	22447.6043
9Apr-29Nov2020	45	FALSE			12.0357306	123.983203	22933.81	-37.01649	-160	0	0	160	0	21936.741
9Apr-29Nov2020	44	TRUE	0.50572554	0.08283207	12.0395007	123.980503	22423.5	-34.28242	-136	-125	64	101	0	21425.9031
9Apr-29Nov2020	43	TRUE	0.50526117	0.19594473	12.0433156	123.977882	21914.122	-34.28242	-116	-76	34	52	0	20915.004
9Apr-29Nov2020	42	FALSE			12.0471281	123.975261	21405.062	-34.28242	-160	0	0	160	0	20404.4302
9Apr-29Nov2020	41	TRUE	0.4963393	0.07689586	12.0509406	123.972641	20895.998	-34.28242	-106	-61	100	160	0	19893.8707
9Apr-29Nov2020	40	TRUE	0.50290736	0.0723947	12.0547554	123.970019	20386.624	-34.28242	-89	-77	64	160	0	19383.0108
9Apr-29Nov2020	39	FALSE			12.0585679	123.967398	19877.562	-34.28242	-160	0	0	160	0	18872.47
9Apr-29Nov2020	38	FALSE			12.0623803	123.964777	19368.498	-34.28242	-160	0	0	160	0	18361.9493
9Apr-29Nov2020	37	TRUE	0.50452237	0.0434915	12.0661951	123.962155	18859.125	-35.03386	-12	-9	14	36	0	17851.1291
9Apr-29Nov2020	36	FALSE			12.0699243	123.959405	18349.434	-36.55247	-115	-91	11	78	0	17339.8569
9Apr-29Nov2020	35	TRUE	0.46955615	0.0588889	12.0736338	123.956631	17840.062	-36.55247	-134	-18	24	160	0	16828.8698
9Apr-29Nov2020	34	TRUE	0.45296987	0.06795371	12.0773507	123.953867	17330.685	-36.23412	-133	-50	46	160	0	16317.8689
9Apr-29Nov2020	33	TRUE	0.43443634	0.05933579	12.0810753	123.951114	16821.31	-36.23412	-32	-19	82	119	0	15806.8526
9Apr-29Nov2020	32	TRUE	0.40795861	0.05571534	12.0847998	123.948361	16311.936	-36.23412	-136	0	0	138	0	15295.8413
9Apr-29Nov2020	31	TRUE	0.37191952	0.05554698	12.088522	123.945609	15802.874	-36.23412	-160	-20	0	160	0	14785.1416
9Apr-29Nov2020	30	TRUE	0.35029621	0.0418913	12.0922442	123.942857	15293.811	-36.23412	-139	0	0	160	0	14274.4444
9Apr-29Nov2020	29	TRUE	0.30383379	0.0480542	12.0959664	123.940106	14784.749	-36.23412	-21	-11	0	36	0	13763.7433
9Apr-29Nov2020	28	FALSE			12.0996886	123.937354	14275.685	-36.23412	-160	0	0	160	0	13253.0383
9Apr-29Nov2020	27	FALSE			12.103413	123.9346	13766.311	-35.66032	-33	-26	55	78	0	12742.0228
9Apr-29Nov2020	26	TRUE	0.2546573	0.05653063	12.1072005	123.931932	13256.626	-34.76896	-73	0	64	129	0	12230.7959
9Apr-29Nov2020	25	TRUE	0.23336395	0.03109694	12.1109907	123.929278	12747.562	-34.76896	-41	-19	30	37	0	11720.1984
9Apr-29Nov2020	24	TRUE	0.22124972	0.06815274	12.1147831	123.926622	12238.186	-34.76896	-36	0	47	69	0	11209.3212
9Apr-29Nov2020	23	FALSE			12.1185732	123.923967	11729.124	-34.76896	-160	0	0	160	0	10698.7762
9Apr-29Nov2020	22	FALSE			12.1223632	123.921313	11220.062	-34.76896	-47	-21	24	47	0	10188.2599
9Apr-29Nov2020	21	FALSE			12.1261532	123.918658	10711	-34.76896	-47	-38	0	61	0	9677.76709
9Apr-29Nov2020	20	TRUE	0.16668573	0.09988923	12.1299456	123.916002	10201.624	-34.76896	-49	-37	0	15	0	9166.98428
9Apr-29Nov2020	19	FALSE			12.1337356	123.913347	9692.56	-34.76896	-160	0	0	160	0	8656.55314
9Apr-29Nov2020	18	FALSE			12.1375256	123.910692	9183.5	-34.76896	-160	0	0	160	0	8146.1692
9Apr-29Nov2020	17	FALSE			12.1413237	123.908044	8674.123	-34.44431	-160	0	0	160	0	7635.58471
9Apr-29Nov2020	16	FALSE			12.1451334	123.905413	8164.749	-34.38453	-160	0	0	160	0	7125.16169
9Apr-29Nov2020	15	FALSE			12.1489408	123.902784	7655.686	-34.38453	-160	0	0	160	0	6615.15757
9Apr-29Nov2020	14	FALSE			12.1527505	123.900153	7146.313	-34.38453	-160	0	0	160	0	6104.97499
9Apr-29Nov2020	13	FALSE			12.1565578	123.897524	6637.249	-34.38453	-160	0	0	160	0	5595.27696
9Apr-29Nov2020	12	FALSE			12.1603674	123.894893	6127.873	-34.38453	-160	0	0	160	0	5085.48868
9Apr-29Nov2020	11	FALSE			12.164177	123.892262	5618.498	-34.38453	-160	0	0	160	0	4575.99997
9Apr-29Nov2020	10	FALSE			12.1679843	123.889632	5109.436	-34.38453	-160	0	0	160	0	4067.22366
9Apr-29Nov2020	9	FALSE			12.1717915	123.887002	4600.373	-34.38453	-160	0	0	160	0	3559.04164
9Apr-29Nov2020	8	FALSE			12.175601	123.884371	4090.998	-33.41593	-160	0	0	160	0	3051.4154
9Apr-29Nov2020	7	FALSE			12.1795657	123.881991	3581.311	-29.12406	-160	0	0	160	0	2551.22406
9Apr-29Nov2020	6	FALSE			12.183594	123.879727	3072.249	-29.12406	-160	0	0	160	0	2060.82271
9Apr-29Nov2020	5	FALSE			12.1876498	123.877508	2562.562	-24.90521	-160	0	0	160	0	1585.65362
9Apr-29Nov2020	4	FALSE			12.1919278	123.875765	2052.875	-22.02306	-160	0	0	160	0	1178.64037

9Apr-29Nov2020	3	FALSE		12.1962006	123.874025	1543.812	-22.02306	-160	0	0	160	0	888.158904
9Apr-29Nov2020	2	FALSE		12.2004838	123.87228	1033.501	-27.69515	-160	0	0	160	0	843.77295
9Apr-29Nov2020	1	FALSE		12.2043364	123.869696	522.875	-33.81824	-160	0	0	160	0	993.771958

S2 Field Data

S2.1 Database

Table S4: Field survey measurements and observations

date	ptID	location	offset	trend	type	lat	long	naro_dist	description
18-May	FD1	Canomay Dimasalang	0.5 cm	308 NW	liquefaction	12.195278	123.86472	0.1621	(possibly due to 2003 event) fence showing offset; or liquefaction induced?
18-May	FD2	Canomay Dimasalang	n/a	n/a	liquefaction	12.195556	123.865	0.1192	Road depressions (smooth, pre-EQ), liquefaction?
18-May	FD3	Dimasalang	n/a	n/a	liquefaction	12.196111	123.86611	0.031	depressions; liquefaction?; depressed wall section
18-May	FD4	Suba, Dimasalang	n/a	n/a	liquefaction	12.198333	123.86778	0.3139	depressions (previously flat)
18-May	FD5	Gaid, Dimasalang	1 cm	342 N	rupture	12.172778	123.88333	3.2264	Fracture on asphalt constructed on 2019; no fracture on other sections of the road; no fracture on road widening concrete constructed post EQ
18-May	FD6	Gaid, Dimasalang	1 cm	340 N	rupture	12.171944	123.88528	3.4277	Piggery, fractured for about 15m long; left lateral slip is apparent; parallel to fault strike if not actually traversed by fault; accompanied by vertical offset due to loss of foundation material
18-May	FP1a	Sta Cruz, Palanas	5 cm	143 SE	rupture	12.169722	123.88694	3.734	Displaced house showing left lateral slip (side wall)
	FP1b		2 cm	145 SE	rupture	12.169722	123.88694	3.734	(cont.) stairs steps
18-May	FP2	Sta Cruz, Palanas	n/a	137 SE	fracture	12.170556	123.88639	3.6238	covered by asphalt already
18-May	FP3a	Sta Cruz, Palanas	3 cm	328 NW	rupture	12.168333	123.88861	3.9674	2 storey green house 2cm verti
	FP3b		1 cm	328 NW	rupture	12.168333	123.88861	3.9674	(cont.) floor
18-May	FP4	Jose Abenir, Palanas	n/a	n/a	EIL	12.131944	123.91694	9.0519	EIL (resident account)
18-May	FP5	Malibas, Palanas	7 cm	263 W	rupture	12.1475	123.90444	6.8524	Road showing left lateral offset with apparent perpendicular separation; directly on top of trace (SEEN ON OIC)
18-May	FP6	Malibas, Palanas	n/a	n/a	fracture	12.147222	123.90417	6.8584	House on top of fault; fractures for measurement?; photo is taken perpendicular to the fault strike direction
18-May	FP7a	Matugnao, Palanas	87 cm	93 E	rupture	12.100556	123.93806	13.2204	cracked tree (offset is total including 2003 event + post seismic) (assumption: 60 cm previous offset)
18-May	FP7b	Matugnao, Palanas	n/a	155 SE	rupture	12.100556	123.93806	13.2204	Fissures/mole tracks near tree; en echelon; already eroded and obscured by vegetation; roughly 20-30m length accdg to residents
18-May	FP8	Puyao, Palanas	n/a	244 NW	rupture	12.088333	123.94583	14.8166	Ruptures/mole tracks (mostly eroded); traversed a termite mound and split it open, torn off portion has been eroded far from rupture, ground shaking induced fractures, road replaced, house cracked
18-May	FP9	Nabangig, Palanas	n/a	n/a	fracture	12.096667	123.94972	14.3417	no rupture nor cracks; possibly repaired
18-May	FC1	Cataingan	n/a	n/a	none	12.088333	123.96333	16.0072	longitudinal fractures on road widening
18-May	FC2	Cataingan	n/a	n/a	fracture	12.078889	123.96778	17.1175	none
19-May	FC3	Cataingan	n/a	n/a	none	12.074722	123.96972	17.6081	none
19-May	FC4a	Sitio Salag, Pawican	50 cm	297 W	rupture	12.07	123.95917	17.3181	unfinished house, wall (entirety of rupture of about 200 m long, rupture length is according to residents)
19-May	FC4b	Sitio Salag, Pawican	48 cm	297 W	rupture	12.07	123.95917	17.3181	visible fractured mound at the base of the wall
19-May	FC5	Sitio Salag, Pawican	n/a	300 NW	fracture	12.069167	123.95972	17.4286	en echelon fissures, several aligned (4 gashes identified in photos)

19-May	FC6	Sitio Salag, Pawican	n/a	n/a	fracture	12.066111	123.96222	17.8632	fractured road (about 5m span) running parallel to the fault; photo taken looking 155 SE; unsure if with measurements; no dedicated OIC point
19-May	FP10	Puyao, Palanas	n/a	n/a	none	12.087222	123.94639	14.9521	none
19-May	FP11	Palanas	n/a	n/a	none	12.091667	123.94361	14.3747	none
19-May	FC7	Cataingan	n/a	n/a	fracture	12.061944	123.97278	18.9229	road cracked during the EQ (accdg to residents; asphalted already)
19-May	FC8	Sitio Buri	50 cm	166 S	rupture	12.041667	123.97917	21.1456	ruptured roots of a tree
19-May	FC9	Sitio Buri	50 cm	133 SE	rupture	12.040833	123.97944	21.2386	faint remnant rupture
19-May	FC10	Sitio Buri	n/a	130 SE	rupture	12.040556	123.98	21.2988	Fractured and eroded
19-May	FC11	Gahit, Cataingan	30 cm	140 SE	rupture	12.035556	123.98361	21.9795	asphalted road; possibly showing post seismic deformation thru en echelon cracks
19-May	FC12	San Pedro, Cataingan	60 cm	99 E	rupture	12.028611	123.98917	22.9591	rice field; other ruptures are erased
19-May	FC13	San Pedro, Cataingan	134 cm	330 NW	rupture	12.024167	123.9925	23.572	Offset tree row (too high for the EQ) ; looking 60 NE
19-May	FC14	Concepcion, Cataingan	n/a	130 SE	rupture	12.015556	124.00528	25.1672	Fractured fishpond dike near school
19-May	FC15	Sitio Alimango, Cataingan	n/a	152 SE	rupture	12.013889	123.99972	24.9584	Fractured fishpond dike
19-May	FC16	Sitio Alimango, Cataingan	34 cm	161 S	rupture	12.015278	123.99889	24.7801	Fractured fishpond dikes
19-May	FC17	Madamba	9 cm	133 SE	rupture	11.990556	124.01667	28.1409	road and fence
19-May	FC18	Madamba	3 cm	133 SE	rupture	11.990556	124.01667	28.1409	curb
19-May	FC19	Madamba	5 cm	296 NW	rupture	11.990556	124.01639	28.1233	house inside the fence; cracked terrace with vertical disp
19-May	FC20	Madamba	2 cm	143 SE	rupture	11.990556	124.01667	28.1409	house next to curb "subsided" due to detached and slanted wall
19-May	FC21	Madamba	30 cm	99 E	rupture	11.990278	124.01694	28.1836	Septic tank
19-May	FC22	Madamba	30 cm	293 NW	rupture	11.99	124.01722	28.2263	Fence next to septic tank
19-May	FC23	Concepcion, Cataingan	n/a	n/a	none	12.015556	124.00611	25.2219	erased
20-May	FC24	Cataingan	n/a	n/a	fracture	12.003333	123.99222	25.4722	road fractures with no apparent displacement; repaired with asphalt; asphalt may be showing post seismic displacement (road is 4.2m wide, line to line)
20-May	FC25	Cataingan	n/a	n/a	none	12.003056	123.99167	25.4657	none
20-May	FC26a	Cataingan	n/a	n/a	fracture	12.001111	123.9875	25.4097	road "uplifted" and cracked
20-May	FC26b	Cataingan	mm only	19 N	fracture	12.001111	123.9875	25.4097	(cont) fracture parallel to fault
20-May	FC27	Cataingan	n/a	n/a	fracture	11.999722	123.98806	25.573	road fracture with no apparent displacement across half the road
20-May	FC28	Cataingan	n/a	n/a	fracture	11.991389	123.9825	26.0701	fracture across half the road, unsure if due to earthquake
20-May	FC29	Cataingan	n/a	n/a	liquefaction	11.995278	123.98583	25.8739	several evenly spaced (4.5 m apart) fractures running across the road, no visible displacement; could be the road sections separating = spreading?; fractures ceased in front of Domorog Elem Sch then northwards up to 500m in road span
20-May	FC30	Cataingan	mm only	n/a	fracture	11.985833	123.97861	26.4127	several cracked road sections with minor (mm) verti disp; photo taken looking 300 NW; right side went down?
20-May	FC31	Cataingan	n/a	n/a	EIL	11.986667	123.98556	26.6906	adjacent EIL river side
20-May	FC32	Cataingan	n/a	n/a	shaking	11.981667	123.99	27.4121	ground shaking, no liquefaction accdg to residents
20-May	FC33	Cataingan	n/a	n/a	spreading	11.995556	123.99528	26.3804	longitudinal fractures (about 10m length) along the road parallel to shoreline; lateral spreading? subsidence? no liquefaction
20-May	FC34	Cataingan	n/a	n/a	fracture	12.001667	123.99278	25.6609	(next to big house) road fractures with verti disp?; concrete patched accdg to residents
20-May	FC35	Cataingan	n/a	n/a	none	12.006111	123.99139	25.1634	none

20-May	FC36	Cataingan	n/a	n/a	fracture	12.009444	123.98833	24.6719	<p>(on the eskinita, next to the store) longitudinal fractures terraced; no liquefaction on slope face accd to land owner but water flow increased on the creek at the foot of the slope</p> <p>first side: W dipping slope; ridge perpendicular movement direction; ridge parallel displacements; fractures trend at 180 S; trees leaning towards 254 W</p> <p>(bottom part of second side) scarp terraces; photo taken looking 333 NW; fractures striking similarly 333 NW; dip direction 63 NE; 30-45 dip angle with 1m scarp face</p> <p>(middle part) smaller displacement on this slope evidenced by less bend on trees</p> <p>(top) largest scarps of approx 2m height; ampitheater scarp about 100m width East dipping in the middle, sides are S and N dipping respectively</p> <p>combined, seems to form a circular pattern with central depression</p> <p>limestone (blocky, fractured) floats seen on regolith</p> <p>no fractures were seen on the road adjacent to the slopes (road was built before EQ)</p>
20-May	FC37a	Concepcion	n/a	n/a	sinkhole	12.008611	124.01917	26.7035	
						12.008611	124.01917	26.7035	

S2.2 Photos



Figure S7: Pt FP1a. House separated from exterior slab showing sinistral offset.



Figure S8: Pt FP5. Ruptured road section showing sinistral offset and perpendicular separation. Point is visible in OIC.



Figure S9: Pt FC4a. Unfinished house traversed by fault with deflected wall.



Figure S10: Pt FC5. Right stepping en echelon fissures along the fault trace near the unfinished house.

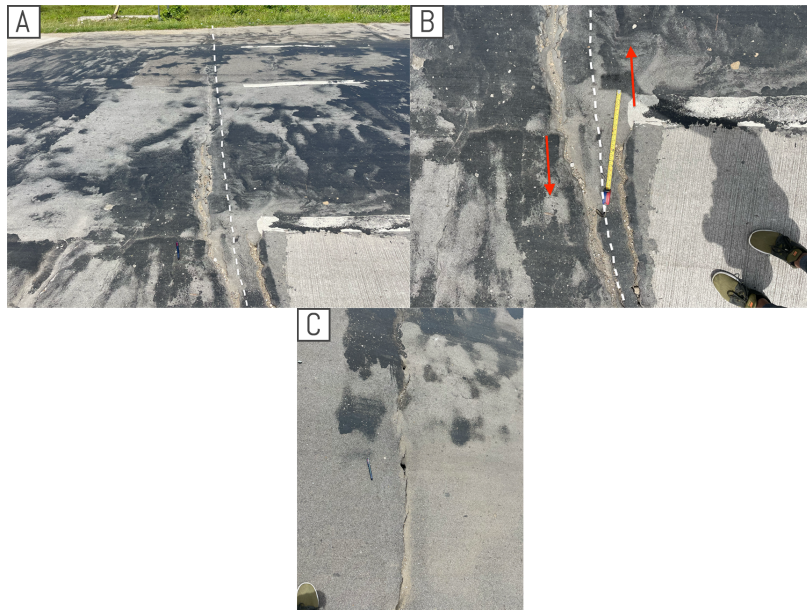


Figure S11: Pt FC11. Road traversed by fault segment that is already repaired at the time of visit. Post-seismic deformation may be seen on the asphalt.



Figure S12: Pt FC22. Fence adjacent to the septic tank showing sinistral offset.

S3 Earthquake Catalog

Table S5: Event seismicity

Date	Time (PHT)	Latitude (°N)	Longitude (°E)	Depth (km)	Magnitude	DataSource
1-Jan-19	11:39 PM	12.58	123.45	24	1.9	PHIVOLCS
2-Jan-19	11:35 PM	12.87	122.78	21	2.9	PHIVOLCS
4-Jan-19	4:51 AM	11.93	124.12	1	2	PHIVOLCS
5-Jan-19	9:05 PM	12.44	123.65	6	4	PHIVOLCS
7-Jan-19	6:01 AM	12.67	123.5	1	3.2	PHIVOLCS
10-Jan-19	5:46 PM	12.74	123.22	17	2.5	PHIVOLCS
11-Jan-19	12:29 AM	12.47	123.63	5	2.6	PHIVOLCS
14-Jan-19	2:39 PM	12.73	123.52	6	3	PHIVOLCS
17-Jan-19	12:39 AM	12.55	123.61	4	2.5	PHIVOLCS
30-Jan-19	11:49 PM	12.91	122.87	26	2.9	PHIVOLCS
5-Feb-19	11:17 PM	12.84	122.89	3	2.7	PHIVOLCS
12-Feb-19	6:47 PM	12.77	122.92	22	2.3	PHIVOLCS
18-Feb-19	11:24 PM	12.96	122.92	8	2.3	PHIVOLCS
23-Feb-19	7:59 PM	12.4	123.74	8	2.5	PHIVOLCS
26-Feb-19	5:31 PM	11.94	124.04	5	2.8	PHIVOLCS
28-Feb-19	1:36 PM	11.95	124.06	2	3.7	PHIVOLCS
1-Mar-19	9:00 AM	11.96	124.23	1	2.5	PHIVOLCS
4-Mar-19	12:35 PM	12.89	122.84	19	2.6	PHIVOLCS
8-Mar-19	3:15 AM	12.9	122.97	6	2	PHIVOLCS
8-Mar-19	5:47 PM	12.81	123.07	7	2.3	PHIVOLCS
8-Mar-19	10:36 PM	12.75	123.45	11	2.8	PHIVOLCS
19-Mar-19	4:35 PM	11.83	124.17	18	3	PHIVOLCS
20-Mar-19	1:12 PM	11.95	124.23	1	2.7	PHIVOLCS
31-Mar-19	12:57 AM	12.81	122.96	11	2.1	PHIVOLCS
3-Apr-19	5:48 AM	12.61	123.51	7	3.7	PHIVOLCS
3-Apr-19	3:56 PM	12.88	122.87	28	2.3	PHIVOLCS
4-Apr-19	3:55 AM	12.77	122.99	1	2.4	PHIVOLCS
4-Apr-19	10:54 AM	12.92	122.88	5	2.5	PHIVOLCS
7-Apr-19	8:29 PM	12.47	123.75	17	1.8	PHIVOLCS
10-Apr-19	5:16 AM	12.43	123.67	11	2.5	PHIVOLCS
12-Apr-19	7:06 PM	12.25	123.92	13	2.4	PHIVOLCS
13-Apr-19	5:34 AM	12.36	123.72	9	3.2	PHIVOLCS
17-Apr-19	5:50 PM	12.81	123.48	10	2.3	PHIVOLCS
19-Apr-19	11:13 AM	11.84	124.24	7	2.6	PHIVOLCS
21-Apr-19	8:58 AM	12.19	123.86	2	2.7	PHIVOLCS
26-Apr-19	12:38 AM	12.54	123.69	11	2.4	PHIVOLCS
28-Apr-19	6:56 PM	11.81	124.32	3	2.8	PHIVOLCS
1-May-19	12:50 AM	13.2	123.01	7	2.4	PHIVOLCS
13-May-19	3:41 PM	11.81	124.22	1	2.4	PHIVOLCS
16-May-19	1:37 AM	12.24	123.84	13	3.2	PHIVOLCS
16-May-19	9:48 PM	11.93	124.1	1	2.6	PHIVOLCS
17-May-19	12:38 PM	12.77	123	3	2.1	PHIVOLCS
19-May-19	8:36 PM	12.72	123.17	1	3.7	PHIVOLCS
20-May-19	6:45 AM	11.91	124.06	11	4.4	PHIVOLCS
21-May-19	4:51 PM	12.78	123.33	18	2.9	PHIVOLCS
1-Jun-19	4:35 AM	12.6	123.48	7	3	PHIVOLCS
3-Jun-19	5:42 PM	12.37	123.72	7	4.3	PHIVOLCS
3-Jun-19	6:56 PM	12.31	123.78	1	2.9	PHIVOLCS

4-Jun-19	12:08 AM	12.4	123.78	6	3.1	PHIVOLCS
5-Jun-19	3:25 AM	12.01	124.01	18	2.6	PHIVOLCS
7-Jun-19	7:24 AM	12.48	123.76	32	3.1	PHIVOLCS
7-Jun-19	9:42 PM	12.31	123.77	1	3	PHIVOLCS
7-Jun-19	9:46 PM	12.38	123.74	11	2.7	PHIVOLCS
8-Jun-19	8:20 PM	12.43	123.86	31	3.3	PHIVOLCS
12-Jun-19	4:19 AM	12.32	123.73	6	3.3	PHIVOLCS
12-Jun-19	5:03 AM	12.35	123.71	7	4.4	PHIVOLCS
12-Jun-19	5:08 AM	12.43	123.79	17	2.2	PHIVOLCS
12-Jun-19	5:09 AM	12.41	123.72	6	3	PHIVOLCS
12-Jun-19	5:15 AM	12.4	123.76	3	2.8	PHIVOLCS
12-Jun-19	5:36 AM	12.38	123.73	13	3.2	PHIVOLCS
12-Jun-19	6:24 AM	12.46	123.61	22	2.1	PHIVOLCS
12-Jun-19	7:02 AM	12.31	123.74	8	4.1	PHIVOLCS
12-Jun-19	3:54 PM	12.42	123.59	31	2.5	PHIVOLCS
13-Jun-19	11:43 AM	12.34	123.76	24	2.3	PHIVOLCS
13-Jun-19	6:53 PM	11.93	124.06	3	3.3	PHIVOLCS
13-Jun-19	11:43 PM	12.31	123.81	2	2.3	PHIVOLCS
14-Jun-19	1:19 AM	11.92	124.1	1	3	PHIVOLCS
14-Jun-19	1:37 AM	11.9	124.05	1	2.3	PHIVOLCS
14-Jun-19	1:42 AM	11.91	124.1	1	2.8	PHIVOLCS
14-Jun-19	2:11 AM	12.46	123.73	24	2.6	PHIVOLCS
14-Jun-19	5:39 AM	11.93	124.04	4	1.8	PHIVOLCS
14-Jun-19	4:38 PM	12.62	123.62	27	2.9	PHIVOLCS
26-Jun-19	12:30 AM	12.44	123.63	21	1.8	PHIVOLCS
26-Jun-19	1:45 AM	12.39	123.65	12	2.2	PHIVOLCS
10-Jul-19	3:38 AM	12.84	123.54	5	3.1	PHIVOLCS
10-Jul-19	10:37 PM	11.92	124.1	1	2.1	PHIVOLCS
11-Jul-19	12:58 AM	11.86	124.13	9	3.2	PHIVOLCS
11-Jul-19	1:46 AM	11.9	124.11	21	2.2	PHIVOLCS
16-Jul-19	3:42 AM	11.78	124.2	7	2.8	PHIVOLCS
21-Jul-19	6:35 PM	11.67	124.15	3	2.3	PHIVOLCS
29-Jul-19	7:07 PM	12.15	124.03	7	3.2	PHIVOLCS
25-Aug-19	4:31 AM	11.95	123.95	28	2	PHIVOLCS
30-Aug-19	2:48 AM	12.88	122.89	14	1.9	PHIVOLCS
31-Aug-19	9:44 PM	11.86	124.23	1	2.4	PHIVOLCS
2-Sep-19	11:10 AM	12.04	124.01	16	4	PHIVOLCS
2-Sep-19	11:33 AM	12.08	124	17	1.9	PHIVOLCS
3-Sep-19	11:41 AM	11.99	123.99	2	3	PHIVOLCS
3-Sep-19	11:43 AM	12.24	124.04	89	2.6	PHIVOLCS
4-Sep-19	11:21 PM	12.1	123.92	1	2.1	PHIVOLCS
14-Sep-19	11:20 PM	12.54	123.73	50	2.3	PHIVOLCS
16-Sep-19	6:54 AM	12	124	1	2.2	PHIVOLCS
17-Sep-19	9:23 PM	11.86	124.11	7	2.4	PHIVOLCS
28-Sep-19	5:22 PM	12.85	123.38	33	2.7	PHIVOLCS
6-Oct-19	9:51 AM	12.98	122.68	1	3	PHIVOLCS
7-Oct-19	7:24 PM	12.73	123.59	6	2.9	PHIVOLCS
10-Oct-19	11:20 AM	11.74	124.19	18	2.4	PHIVOLCS
11-Oct-19	11:37 AM	11.83	124.14	9	2.8	PHIVOLCS
14-Oct-19	5:18 PM	12.89	123.29	2	2.7	PHIVOLCS
16-Oct-19	1:45 AM	12.93	123.34	4	3	PHIVOLCS
3-Nov-19	11:19 PM	12.99	123.21	21	2.3	PHIVOLCS
4-Nov-19	7:01 AM	12.44	123.38	2	2.8	PHIVOLCS
11-Nov-19	11:26 PM	12.93	122.88	11	3	PHIVOLCS
23-Nov-19	11:04 AM	11.94	124.01	2	4.2	PHIVOLCS
23-Nov-19	11:36 AM	11.92	124.04	2	3.5	PHIVOLCS

25-Nov-19	6:16 AM	12.21	123.65	48	2.4	PHIVOLCS
25-Nov-19	9:31 AM	12.02	124	1	2.1	PHIVOLCS
17-Dec-19	8:35 AM	11.98	124.07	7	2.7	PHIVOLCS
18-Jan-20	10:33 AM	11.93	124.14	1	2.4	PHIVOLCS
23-Jan-20	9:05 PM	12.64	123.34	13	4.6	PHIVOLCS
24-Jan-20	6:36 AM	12.54	123.6	1	2.8	PHIVOLCS
29-Jan-20	8:53 AM	11.93	124.05	0	2	PHIVOLCS
30-Jan-20	5:50 PM	11.85	124.13	6	2.8	PHIVOLCS
3-Feb-20	1:00 AM	12.68	123.57	4	2.4	PHIVOLCS
3-Feb-20	2:20 AM	12.69	123.53	5	2.9	PHIVOLCS
16-Mar-20	6:07 AM	12.81	123.01	4	3.9	PHIVOLCS
21-Mar-20	5:01 AM	12.49	123.59	3	3.1	PHIVOLCS
21-Mar-20	7:57 PM	12.45	123.67	1	1.8	PHIVOLCS
22-Mar-20	3:04 AM	12.52	123.56	1	2.3	PHIVOLCS
22-Mar-20	5:45 PM	12.71	123.67	1	1.9	PHIVOLCS
22-Mar-20	8:50 PM	12.52	123.53	1	3.4	PHIVOLCS
23-Mar-20	7:51 AM	13.18	122.83	107	2.1	PHIVOLCS
24-Mar-20	1:51 AM	11.73	124.27	8	2.4	PHIVOLCS
1-Apr-20	11:15 PM	12.74	123.38	4	3	PHIVOLCS
14-Apr-20	11:21 PM	12.33	123.72	3	3.5	PHIVOLCS
26-Apr-20	12:49 AM	11.95	124.05	17	2.6	PHIVOLCS
29-Apr-20	8:26 AM	12.58	123.53	5	2.1	PHIVOLCS
2-May-20	4:12 AM	12.44	123.7	13	2.3	PHIVOLCS
6-May-20	6:20 PM	12.9	122.6	16	2.2	PHIVOLCS
9-May-20	12:56 PM	12.76	123.4	11	2.9	PHIVOLCS
9-May-20	1:21 PM	12.86	123.45	14	3	PHIVOLCS
10-May-20	2:39 AM	12.73	123.41	2	3.3	PHIVOLCS
10-May-20	3:56 AM	12.74	123.39	6	4.2	PHIVOLCS
12-May-20	11:23 PM	12.76	123.45	5	2.6	PHIVOLCS
13-May-20	2:47 AM	12.76	123.41	6	3.4	PHIVOLCS
13-May-20	11:01 PM	12.78	123.09	4	1.5	PHIVOLCS
14-May-20	5:41 PM	12.68	123.32	35	2.1	PHIVOLCS
15-May-20	11:13 AM	12.01	124.03	15	2.4	PHIVOLCS
22-May-20	2:12 AM	11.86	124.15	1	2	PHIVOLCS
23-May-20	5:19 AM	11.75	124.18	23	1.6	PHIVOLCS
24-May-20	10:55 AM	11.9	124.33	5	2.9	PHIVOLCS
31-May-20	1:18 AM	11.87	124.14	1	2.4	PHIVOLCS
8-Jun-20	2:58 AM	12.81	122.93	11	2.9	PHIVOLCS
11-Jun-20	10:52 PM	12.22	124.03	79	2.5	PHIVOLCS
15-Jun-20	7:26 AM	11.73	124.26	12	2.6	PHIVOLCS
16-Jun-20	5:36 PM	12.63	123.52	9	2.5	PHIVOLCS
17-Jun-20	6:53 PM	12.29	123.85	27	2	PHIVOLCS
17-Jun-20	10:03 PM	12.37	123.75	16	2.1	PHIVOLCS
18-Jun-20	3:23 AM	12.41	123.79	19	1.9	PHIVOLCS
24-Jun-20	5:37 AM	12.98	123.24	71	1.9	PHIVOLCS
24-Jun-20	11:25 PM	12.8	123.14	30	2	PHIVOLCS
5-Jul-20	12:46 PM	12.67	123.59	34	2.3	PHIVOLCS
5-Jul-20	5:56 PM	12.85	122.62	29	2.1	PHIVOLCS
10-Jul-20	9:46 AM	11.94	124.08	1	3.3	PHIVOLCS
10-Jul-20	10:01 AM	12.25	123.89	70	2.8	PHIVOLCS
10-Jul-20	10:25 AM	12.01	124.06	16	2.9	PHIVOLCS
10-Jul-20	11:35 AM	12.02	124.04	21	3	PHIVOLCS
19-Jul-20	9:26 AM	12.6	123.72	27	2.2	PHIVOLCS
21-Jul-20	11:17 AM	12.87	123.43	23	2.7	PHIVOLCS
2-Aug-20	8:44 PM	12.82	123.42	7	2.2	PHIVOLCS
4-Aug-20	2:18 AM	11.69	124.19	28	2.9	PHIVOLCS

10-Aug-20	11:32 AM	12.57	123.49	2	2.9	PHIVOLCS
11-Aug-20	4:43 AM	11.93	124.04	6	4	PHIVOLCS
11-Aug-20	3:26 PM	11.95	124.05	7	4.9	PHIVOLCS
12-Aug-20	4:50 PM	11.93	124.08	1	2.5	PHIVOLCS
12-Aug-20	7:41 PM	11.92	124.02	28	2.2	PHIVOLCS
14-Aug-20	8:24 PM	12.02	124.03	17	3.1	PHIVOLCS
15-Aug-20	8:07 PM	11.98	124.06	8	2	PHIVOLCS
16-Aug-20	5:05 PM	12.83	123.36	6	3.3	PHIVOLCS
17-Aug-20	1:21 PM	11.93	123.98	9	4.6	PHIVOLCS
17-Aug-20	1:23 PM	11.99	124.06	6	2.9	PHIVOLCS
17-Aug-20	1:33 PM	11.89	124.27	15	2.4	PHIVOLCS
17-Aug-20	1:49 PM	11.95	124.03	4	3.5	PHIVOLCS
17-Aug-20	2:05 PM	12.1	123.87	36	2.5	PHIVOLCS
17-Aug-20	5:19 PM	11.93	124.05	4	3.2	PHIVOLCS
18-Aug-20	8:03 AM	11.98	124.01	13	6.6	PHIVOLCS
18-Aug-20	8:03 AM	12.0257	124.1272	10	6.6	USGS
18-Aug-20	8:03 AM	12.04	123.98	12	6.6	Global CMT
18-Aug-20	8:23 AM	12.13	123.95	15	4.1	PHIVOLCS
18-Aug-20	8:28 AM	12.14	123.96	16	3.1	PHIVOLCS
18-Aug-20	8:40 AM	11.96	124.03	3	3.7	PHIVOLCS
18-Aug-20	8:53 AM	11.94	124.07	15	3.6	PHIVOLCS
18-Aug-20	9:08 AM	11.94	124.09	15	3.2	PHIVOLCS
18-Aug-20	9:11 AM	11.88	124.12	22	3.1	PHIVOLCS
18-Aug-20	9:13 AM	11.87	124.17	1	2.1	PHIVOLCS
18-Aug-20	9:24 AM	11.9	124.13	8	2	PHIVOLCS
18-Aug-20	9:25 AM	11.84	124.16	12	3.4	PHIVOLCS
18-Aug-20	9:28 AM	11.89	124.1	10	3.4	PHIVOLCS
18-Aug-20	9:33 AM	12.1	123.99	24	2.5	PHIVOLCS
18-Aug-20	9:42 AM	12.21	123.89	19	3.5	PHIVOLCS
18-Aug-20	9:49 AM	11.83	124.13	13	3.8	PHIVOLCS
18-Aug-20	10:01 AM	12.19	123.92	25	3.3	PHIVOLCS
18-Aug-20	10:06 AM	11.98	124.12	1	2.8	PHIVOLCS
18-Aug-20	10:21 AM	11.91	124.02	18	2.3	PHIVOLCS
18-Aug-20	10:34 AM	11.91	124.16	14	2.9	PHIVOLCS
18-Aug-20	10:45 AM	11.88	124.07	28	2.6	PHIVOLCS
18-Aug-20	10:47 AM	11.83	124.15	1	3.4	PHIVOLCS
18-Aug-20	11:04 AM	11.88	124.14	1	2.8	PHIVOLCS
18-Aug-20	11:18 AM	11.95	123.78	1	2.3	PHIVOLCS
18-Aug-20	11:20 AM	12.04	123.94	19	1.9	PHIVOLCS
18-Aug-20	11:21 AM	11.98	124.02	1	2.6	PHIVOLCS
18-Aug-20	11:45 AM	11.98	124	7	3.2	PHIVOLCS
18-Aug-20	11:51 AM	12.06	123.98	23	3.1	PHIVOLCS
18-Aug-20	12:11 PM	11.87	124.02	27	2.7	PHIVOLCS
18-Aug-20	12:48 PM	11.99	124.01	23	2.3	PHIVOLCS
18-Aug-20	12:54 PM	11.99	124.05	5	3.1	PHIVOLCS
18-Aug-20	12:58 PM	12.09	124.01	22	1.8	PHIVOLCS
18-Aug-20	1:08 PM	11.97	124.05	24	2	PHIVOLCS
18-Aug-20	1:15 PM	11.97	124.07	11	3.8	PHIVOLCS
18-Aug-20	2:52 PM	11.94	124.08	27	2.7	PHIVOLCS
18-Aug-20	2:57 PM	11.98	123.77	25	2.8	PHIVOLCS
18-Aug-20	3:03 PM	12.04	123.88	3	2.8	PHIVOLCS
18-Aug-20	3:24 PM	11.83	124.11	1	3.9	PHIVOLCS
18-Aug-20	3:42 PM	11.97	124.09	8	3.7	PHIVOLCS
18-Aug-20	4:04 PM	11.97	124.03	11	4.2	PHIVOLCS
18-Aug-20	4:15 PM	11.86	124.13	7	2.5	PHIVOLCS
18-Aug-20	4:16 PM	12.2	123.94	27	2.2	PHIVOLCS

18-Aug-20	4:17 PM	12.09	123.65	38	2.4	PHIVOLCS
18-Aug-20	4:28 PM	11.88	124.11	14	3.1	PHIVOLCS
18-Aug-20	4:31 PM	11.94	124.04	22	2.2	PHIVOLCS
18-Aug-20	4:46 PM	11.86	124.07	1	2.5	PHIVOLCS
18-Aug-20	4:48 PM	11.85	124.22	5	3	PHIVOLCS
18-Aug-20	5:20 PM	11.85	124.07	2	3.6	PHIVOLCS
18-Aug-20	5:22 PM	11.85	124.13	1	3	PHIVOLCS
18-Aug-20	5:42 PM	11.91	124.12	4	3.4	PHIVOLCS
18-Aug-20	5:46 PM	11.88	124.11	12	3.2	PHIVOLCS
18-Aug-20	5:49 PM	12.09	123.83	50	2.4	PHIVOLCS
18-Aug-20	5:57 PM	11.84	124.16	6	2.7	PHIVOLCS
18-Aug-20	6:00 PM	11.87	124.16	16	2.9	PHIVOLCS
18-Aug-20	6:05 PM	11.89	124.21	19	2.8	PHIVOLCS
18-Aug-20	6:18 PM	11.91	124.07	2	4.4	PHIVOLCS
18-Aug-20	6:38 PM	11.89	124.09	17	2.6	PHIVOLCS
18-Aug-20	6:48 PM	11.91	124.1	16	2.6	PHIVOLCS
18-Aug-20	6:59 PM	12.04	124.07	6	2.5	PHIVOLCS
18-Aug-20	7:14 PM	11.93	123.91	25	2.7	PHIVOLCS
18-Aug-20	7:21 PM	12.01	124.05	15	3.9	PHIVOLCS
18-Aug-20	7:29 PM	12.04	124.04	7	3.3	PHIVOLCS
18-Aug-20	7:31 PM	12	124.09	7	2.5	PHIVOLCS
18-Aug-20	7:33 PM	11.89	124.16	2	3.1	PHIVOLCS
18-Aug-20	7:46 PM	11.83	124.13	8	2.9	PHIVOLCS
18-Aug-20	7:58 PM	11.89	124.17	1	2.6	PHIVOLCS
18-Aug-20	8:02 PM	11.91	124.02	1	2	PHIVOLCS
18-Aug-20	8:09 PM	11.93	124.11	33	2.4	PHIVOLCS
18-Aug-20	8:17 PM	12.1	123.96	24	1.9	PHIVOLCS
18-Aug-20	8:24 PM	12.07	123.93	24	2.1	PHIVOLCS
18-Aug-20	8:25 PM	12.25	123.89	71	1.9	PHIVOLCS
18-Aug-20	8:29 PM	11.8	124.2	1	2.8	PHIVOLCS
18-Aug-20	8:48 PM	12.02	124.08	10	2.2	PHIVOLCS
18-Aug-20	8:59 PM	11.9	124.01	21	2.8	PHIVOLCS
18-Aug-20	9:13 PM	11.89	124	28	2.4	PHIVOLCS
18-Aug-20	9:23 PM	11.94	124	3	2	PHIVOLCS
18-Aug-20	9:43 PM	11.85	123.94	25	2.6	PHIVOLCS
18-Aug-20	9:47 PM	12.03	124.08	18	2.1	PHIVOLCS
18-Aug-20	9:55 PM	12.1	123.95	12	3.5	PHIVOLCS
18-Aug-20	10:01 PM	11.93	124.07	2	3	PHIVOLCS
18-Aug-20	10:18 PM	12.08	124	22	2.9	PHIVOLCS
18-Aug-20	10:28 PM	11.86	124.11	9	3.7	PHIVOLCS
18-Aug-20	10:38 PM	11.86	124.2	5	2.1	PHIVOLCS
18-Aug-20	10:40 PM	11.84	124.01	23	2.1	PHIVOLCS
18-Aug-20	10:55 PM	11.88	124.1	7	2.8	PHIVOLCS
18-Aug-20	10:58 PM	11.86	124.14	7	3.3	PHIVOLCS
18-Aug-20	11:01 PM	12.15	123.93	15	3	PHIVOLCS
18-Aug-20	11:15 PM	12.81	123.33	12	3.4	PHIVOLCS
18-Aug-20	11:17 PM	12.84	123.36	8	2.9	PHIVOLCS
18-Aug-20	11:23 PM	11.86	124.16	1	3.6	PHIVOLCS
18-Aug-20	11:27 PM	11.81	124.13	1	3.4	PHIVOLCS
18-Aug-20	11:38 PM	11.85	124.11	2	3.1	PHIVOLCS
18-Aug-20	11:40 PM	11.88	124.1	15	3.5	PHIVOLCS
18-Aug-20	11:56 PM	12.04	123.99	12	3.3	PHIVOLCS
19-Aug-20	12:21 AM	12.01	123.73	57	2.3	PHIVOLCS
19-Aug-20	12:31 AM	12.03	124.05	13	2.5	PHIVOLCS
19-Aug-20	12:45 AM	11.85	124.15	6	2.3	PHIVOLCS
19-Aug-20	12:46 AM	12.19	123.94	17	3.7	PHIVOLCS

19-Aug-20	1:00 AM	11.93	124.11	1	2.9	PHIVOLCS
19-Aug-20	1:03 AM	11.89	124.08	0	2.2	PHIVOLCS
19-Aug-20	1:05 AM	11.87	124.17	5	2.4	PHIVOLCS
19-Aug-20	1:19 AM	11.9	124.1	4	2.6	PHIVOLCS
19-Aug-20	1:31 AM	12.08	124.01	22	2.3	PHIVOLCS
19-Aug-20	1:37 AM	11.94	124.02	29	2.1	PHIVOLCS
19-Aug-20	2:00 AM	11.85	124.22	8	3	PHIVOLCS
19-Aug-20	2:28 AM	11.84	124.14	11	4	PHIVOLCS
19-Aug-20	2:53 AM	11.91	124.07	3	2.8	PHIVOLCS
19-Aug-20	2:59 AM	11.92	124.08	7	2.3	PHIVOLCS
19-Aug-20	3:06 AM	11.99	124.11	20	2.6	PHIVOLCS
19-Aug-20	3:09 AM	11.91	124.08	1	2.4	PHIVOLCS
19-Aug-20	3:11 AM	11.93	124.07	7	2.9	PHIVOLCS
19-Aug-20	3:20 AM	11.92	124.09	12	2.6	PHIVOLCS
19-Aug-20	3:49 AM	11.99	124.08	22	2.9	PHIVOLCS
19-Aug-20	3:53 AM	11.96	124.11	2	2.5	PHIVOLCS
19-Aug-20	3:58 AM	11.97	124.07	10	2.5	PHIVOLCS
19-Aug-20	4:06 AM	12.17	123.92	26	3	PHIVOLCS
19-Aug-20	4:29 AM	11.93	124.11	17	3.3	PHIVOLCS
19-Aug-20	4:52 AM	11.87	124.1	7	3.3	PHIVOLCS
19-Aug-20	5:11 AM	11.95	124.05	11	2.5	PHIVOLCS
19-Aug-20	5:13 AM	11.88	124.12	7	3	PHIVOLCS
19-Aug-20	5:31 AM	11.95	124.05	13	3.8	PHIVOLCS
19-Aug-20	5:39 AM	12.11	123.99	15	3.3	PHIVOLCS
19-Aug-20	5:41 AM	11.95	124.06	1	2.3	PHIVOLCS
19-Aug-20	5:50 AM	11.86	124.07	2	5.1	PHIVOLCS
19-Aug-20	5:57 AM	11.84	124.13	6	4.4	PHIVOLCS
19-Aug-20	6:57 AM	11.89	124.08	1	2.8	PHIVOLCS
19-Aug-20	7:06 AM	11.96	123.99	18	2.1	PHIVOLCS
19-Aug-20	7:10 AM	11.88	124.05	4	2.8	PHIVOLCS
19-Aug-20	7:17 AM	11.85	124.09	14	3.6	PHIVOLCS
19-Aug-20	7:20 AM	11.87	124.06	8	2.9	PHIVOLCS
19-Aug-20	8:20 AM	12.03	124.11	18	2.1	PHIVOLCS
19-Aug-20	8:36 AM	11.98	124.06	21	2.8	PHIVOLCS
19-Aug-20	9:23 AM	11.96	124.05	1	3.4	PHIVOLCS
19-Aug-20	10:50 AM	11.84	124.11	10	2.9	PHIVOLCS
19-Aug-20	1:08 PM	11.82	124.14	1	2.6	PHIVOLCS
19-Aug-20	3:26 PM	12.05	124.02	22	3	PHIVOLCS
19-Aug-20	6:04 PM	11.87	124.15	17	3.9	PHIVOLCS
19-Aug-20	6:32 PM	12.05	123.98	30	2.2	PHIVOLCS
19-Aug-20	7:26 PM	12.07	123.99	7	2.1	PHIVOLCS
19-Aug-20	8:00 PM	12.31	123.86	15	2.9	PHIVOLCS
19-Aug-20	10:54 PM	11.89	124.04	1	3.3	PHIVOLCS
20-Aug-20	12:29 AM	11.92	124.08	2	3.7	PHIVOLCS
20-Aug-20	2:57 AM	11.88	124.08	1	3.4	PHIVOLCS
20-Aug-20	3:28 AM	11.8	124.18	16	3.3	PHIVOLCS
20-Aug-20	7:02 AM	12.12	123.96	14	2.6	PHIVOLCS
20-Aug-20	8:33 AM	12.1	123.93	1	2.7	PHIVOLCS
20-Aug-20	9:45 AM	12.01	124.03	20	3	PHIVOLCS
20-Aug-20	10:43 AM	12.03	123.89	26	2.2	PHIVOLCS
20-Aug-20	12:39 PM	11.95	123.96	24	2.3	PHIVOLCS
20-Aug-20	3:33 PM	11.97	124.01	17	2.8	PHIVOLCS
20-Aug-20	3:52 PM	12.46	123.2	26	2.4	PHIVOLCS
20-Aug-20	6:40 PM	11.72	124.16	16	3.6	PHIVOLCS
20-Aug-20	7:20 PM	12.07	123.95	1	2.6	PHIVOLCS
20-Aug-20	7:45 PM	11.87	124.1	13	2	PHIVOLCS

20-Aug-20	8:28 PM	11.82	124.16	1	2.4	PHIVOLCS
20-Aug-20	10:07 PM	11.85	124.18	1	3	PHIVOLCS
20-Aug-20	10:19 PM	11.82	124.18	6	2.9	PHIVOLCS
20-Aug-20	11:09 PM	12.13	123.98	17	3.2	PHIVOLCS
20-Aug-20	11:45 PM	12.01	124.02	11	2	PHIVOLCS
20-Aug-20	11:48 PM	11.96	124.01	7	2.7	PHIVOLCS
21-Aug-20	12:21 AM	12.02	124	1	2.2	PHIVOLCS
21-Aug-20	12:30 AM	12.12	123.97	18	3.4	PHIVOLCS
21-Aug-20	1:20 AM	12.13	124.03	19	2.7	PHIVOLCS
21-Aug-20	1:25 AM	12.32	123.82	16	4	PHIVOLCS
21-Aug-20	3:15 AM	13.09	122.59	1	2.6	PHIVOLCS
21-Aug-20	3:51 AM	11.79	124.11	6	2.8	PHIVOLCS
21-Aug-20	3:59 AM	11.92	124.09	1	2.7	PHIVOLCS
21-Aug-20	4:21 AM	11.8	124.24	9	2.6	PHIVOLCS
21-Aug-20	9:02 AM	11.91	124.08	12	3.8	PHIVOLCS
21-Aug-20	9:03 AM	12.21	124.02	14	2.6	PHIVOLCS
21-Aug-20	9:11 AM	11.97	124.05	18	3	PHIVOLCS
21-Aug-20	9:53 AM	12.7	123.2	8	3.1	PHIVOLCS
21-Aug-20	11:54 AM	11.97	123.97	19	2.2	PHIVOLCS
21-Aug-20	4:01 PM	11.94	124.06	11	4.1	PHIVOLCS
21-Aug-20	8:00 PM	11.83	124.16	1	3	PHIVOLCS
21-Aug-20	8:36 PM	12.12	123.86	32	2.7	PHIVOLCS
21-Aug-20	8:49 PM	12.01	124.08	6	3.5	PHIVOLCS
21-Aug-20	9:07 PM	11.88	124.1	7	3.7	PHIVOLCS
21-Aug-20	10:20 PM	12.2	123.88	29	2.6	PHIVOLCS
21-Aug-20	11:25 PM	11.81	124.23	1	2	PHIVOLCS
22-Aug-20	12:06 AM	11.99	124.13	21	2.4	PHIVOLCS
22-Aug-20	1:52 AM	12.23	123.89	25	2.1	PHIVOLCS
22-Aug-20	1:52 AM	12.23	123.89	25	2.1	PHIVOLCS
22-Aug-20	3:27 AM	11.83	124.24	3	2.6	PHIVOLCS
22-Aug-20	5:29 AM	11.98	124.01	1	2.1	PHIVOLCS
22-Aug-20	7:08 AM	12.03	124.02	11	3.2	PHIVOLCS
22-Aug-20	9:22 AM	11.83	123.97	1	2.4	PHIVOLCS
22-Aug-20	3:10 PM	11.94	124.13	5	2.9	PHIVOLCS
22-Aug-20	5:23 PM	12.14	123.99	18	1.9	PHIVOLCS
22-Aug-20	7:12 PM	12.13	123.99	20	2.9	PHIVOLCS
22-Aug-20	8:59 PM	12	124	19	2.5	PHIVOLCS
22-Aug-20	9:51 PM	12.05	123.98	1	3	PHIVOLCS
22-Aug-20	10:06 PM	12.02	124.01	15	3.6	PHIVOLCS
22-Aug-20	10:10 PM	12.01	124.04	9	2.5	PHIVOLCS
22-Aug-20	11:10 PM	12.25	123.84	20	3.1	PHIVOLCS
22-Aug-20	11:40 PM	11.88	124.31	15	2.1	PHIVOLCS
22-Aug-20	11:45 PM	12.09	124.06	21	2.7	PHIVOLCS
22-Aug-20	11:52 PM	12.01	124.11	15	2.1	PHIVOLCS
23-Aug-20	1:07 AM	11.87	124.11	3	2.3	PHIVOLCS
23-Aug-20	2:50 AM	12.11	123.99	15	2.4	PHIVOLCS
23-Aug-20	3:58 AM	12.1	123.93	24	2.4	PHIVOLCS
23-Aug-20	6:28 AM	12.39	123.74	37	3.5	PHIVOLCS
23-Aug-20	6:45 AM	12.11	124.04	18	2.8	PHIVOLCS
23-Aug-20	7:10 AM	11.84	124.11	2	2.8	PHIVOLCS
23-Aug-20	7:25 AM	12.12	123.9	25	3.2	PHIVOLCS
23-Aug-20	11:01 AM	11.84	124.18	21	3.1	PHIVOLCS
23-Aug-20	12:13 PM	11.89	124.19	17	2.2	PHIVOLCS
23-Aug-20	2:43 PM	12.06	123.99	24	3	PHIVOLCS
23-Aug-20	2:47 PM	12.13	123.99	12	3	PHIVOLCS
23-Aug-20	3:07 PM	11.95	124.17	22	2.5	PHIVOLCS

23-Aug-20	3:08 PM	12.09	124.03	28	3.1	PHIVOLCS
23-Aug-20	7:03 PM	12.05	123.94	1	2.9	PHIVOLCS
23-Aug-20	7:27 PM	11.9	124.14	1	3	PHIVOLCS
23-Aug-20	9:45 PM	12.13	123.93	27	2.4	PHIVOLCS
23-Aug-20	10:18 PM	11.88	124.06	5	3.9	PHIVOLCS
23-Aug-20	10:25 PM	11.88	124.05	5	3.5	PHIVOLCS
24-Aug-20	1:13 AM	11.99	123.8	40	2.4	PHIVOLCS
24-Aug-20	1:39 AM	11.9	124.1	4	2.2	PHIVOLCS
24-Aug-20	2:06 AM	12.18	123.88	33	2.4	PHIVOLCS
24-Aug-20	2:28 AM	11.98	124.03	1	2.8	PHIVOLCS
24-Aug-20	3:14 AM	12.06	123.91	1	1.9	PHIVOLCS
24-Aug-20	7:39 AM	11.9	124.15	1	2.4	PHIVOLCS
24-Aug-20	11:36 AM	12.38	123.85	9	2.2	PHIVOLCS
24-Aug-20	11:43 AM	12.06	123.98	5	2.7	PHIVOLCS
24-Aug-20	1:26 PM	12.09	124.06	9	2	PHIVOLCS
24-Aug-20	7:11 PM	11.98	124.04	1	3	PHIVOLCS
24-Aug-20	10:01 PM	11.82	124.22	2	3.1	PHIVOLCS
25-Aug-20	1:34 AM	12.23	123.89	23	3	PHIVOLCS
25-Aug-20	1:41 AM	12.13	123.98	38	3	PHIVOLCS
25-Aug-20	4:19 AM	12.27	123.84	16	3.7	PHIVOLCS
25-Aug-20	10:30 AM	12	124.06	2	2.8	PHIVOLCS
25-Aug-20	7:46 PM	11.78	124.17	16	2.6	PHIVOLCS
25-Aug-20	8:15 PM	12.1	123.91	1	3.8	PHIVOLCS
25-Aug-20	8:19 PM	12.05	124.11	14	2.6	PHIVOLCS
26-Aug-20	1:30 AM	11.91	124.08	1	2.8	PHIVOLCS
26-Aug-20	3:16 AM	12.25	123.7	30	2.6	PHIVOLCS
26-Aug-20	3:19 AM	12.28	123.84	16	3.5	PHIVOLCS
26-Aug-20	5:08 AM	12.47	123.67	22	2.2	PHIVOLCS
26-Aug-20	8:12 AM	12.17	123.93	21	3.8	PHIVOLCS
26-Aug-20	1:08 PM	12.22	123.97	12	2.6	PHIVOLCS
26-Aug-20	3:03 PM	12.01	124.02	15	2.4	PHIVOLCS
26-Aug-20	7:21 PM	12.07	124.01	10	3.5	PHIVOLCS
26-Aug-20	7:28 PM	12.05	123.97	1	2.9	PHIVOLCS
26-Aug-20	10:32 PM	11.86	124.12	7	3.3	PHIVOLCS
27-Aug-20	1:54 AM	12.1	123.98	33	2.5	PHIVOLCS
27-Aug-20	2:09 AM	12.14	124	13	2.6	PHIVOLCS
27-Aug-20	6:35 AM	12.12	124.01	15	2.6	PHIVOLCS
27-Aug-20	11:59 AM	12.12	123.92	22	2.2	PHIVOLCS
27-Aug-20	9:38 PM	11.86	124.19	1	2.1	PHIVOLCS
27-Aug-20	11:15 PM	11.82	124.17	17	3.8	PHIVOLCS
27-Aug-20	11:23 PM	11.85	124.19	1	2.1	PHIVOLCS
28-Aug-20	4:30 AM	11.91	124.12	1	2.5	PHIVOLCS
28-Aug-20	4:49 AM	12.02	124.01	19	2.8	PHIVOLCS
28-Aug-20	8:01 PM	12.01	124.08	17	2.5	PHIVOLCS
28-Aug-20	8:15 PM	12.18	123.85	29	2.3	PHIVOLCS
29-Aug-20	4:56 AM	12.15	123.79	33	2.2	PHIVOLCS
29-Aug-20	6:12 PM	12.16	123.92	8	2.5	PHIVOLCS
29-Aug-20	7:35 PM	12.09	124.02	10	2.5	PHIVOLCS
30-Aug-20	12:04 AM	11.93	124.07	18	3.5	PHIVOLCS
31-Aug-20	10:23 AM	12.17	123.98	19	2.4	PHIVOLCS
31-Aug-20	7:44 PM	12.29	123.85	21	2.4	PHIVOLCS
1-Sep-20	9:44 AM	12.07	123.96	27	3.2	PHIVOLCS
1-Sep-20	12:22 PM	11.95	124.01	4	4.1	PHIVOLCS
1-Sep-20	7:04 PM	12.2	123.71	1	2.6	PHIVOLCS
2-Sep-20	9:54 AM	12.52	123.82	19	2.1	PHIVOLCS
2-Sep-20	10:53 AM	12.08	123.9	1	2.4	PHIVOLCS

2-Sep-20	4:39 PM	12.18	123.99	17	2.2	PHIVOLCS
2-Sep-20	9:25 PM	11.88	124.12	17	2.8	PHIVOLCS
2-Sep-20	9:47 PM	12.06	124.05	2	2	PHIVOLCS
3-Sep-20	7:41 AM	11.83	124.08	2	3.1	PHIVOLCS
3-Sep-20	8:35 PM	12.16	123.96	10	2.8	PHIVOLCS
3-Sep-20	11:16 PM	12.05	124.05	24	2.7	PHIVOLCS
4-Sep-20	7:19 PM	11.9	124.04	8	2.2	PHIVOLCS
5-Sep-20	12:09 PM	11.72	124.24	10	2.9	PHIVOLCS
5-Sep-20	8:20 PM	12.04	124.07	24	2.2	PHIVOLCS
5-Sep-20	8:39 PM	11.98	124.06	2	2.5	PHIVOLCS
5-Sep-20	9:15 PM	11.98	124.07	1	2.2	PHIVOLCS
6-Sep-20	7:45 AM	12.44	123.86	93	2.2	PHIVOLCS
6-Sep-20	8:40 AM	11.86	124.12	1	3.2	PHIVOLCS
6-Sep-20	4:42 PM	12.27	123.88	14	2.4	PHIVOLCS
7-Sep-20	3:48 AM	12.11	124	11	2.8	PHIVOLCS
7-Sep-20	11:44 AM	11.97	124.04	1	3.1	PHIVOLCS
7-Sep-20	11:55 AM	12.46	123.75	24	2.8	PHIVOLCS
8-Sep-20	12:28 AM	11.85	124.01	25	2.6	PHIVOLCS
8-Sep-20	9:54 AM	12.18	123.95	23	2.5	PHIVOLCS
8-Sep-20	9:56 AM	12.09	124.04	12	2.7	PHIVOLCS
8-Sep-20	11:19 AM	12.07	124.01	1	2.4	PHIVOLCS
8-Sep-20	12:04 PM	11.97	124.06	5	3.4	PHIVOLCS
8-Sep-20	1:14 PM	12.29	123.96	66	2.6	PHIVOLCS
8-Sep-20	2:23 PM	12.05	124.05	18	2.7	PHIVOLCS
8-Sep-20	6:02 PM	12.09	124.01	16	3.4	PHIVOLCS
8-Sep-20	6:41 PM	11.94	124.12	18	2.6	PHIVOLCS
8-Sep-20	6:43 PM	11.97	124.11	12	3.1	PHIVOLCS
8-Sep-20	7:35 PM	12.09	123.97	1	1.9	PHIVOLCS
8-Sep-20	7:43 PM	12.07	124.06	15	2.6	PHIVOLCS
8-Sep-20	9:45 PM	12.13	123.9	1	2.5	PHIVOLCS
9-Sep-20	2:02 AM	12.2	123.81	76	2.6	PHIVOLCS
9-Sep-20	5:31 AM	12.15	123.98	20	2	PHIVOLCS
10-Sep-20	3:33 AM	12.14	123.88	70	2.8	PHIVOLCS
10-Sep-20	5:05 AM	12.03	123.78	1	2	PHIVOLCS
10-Sep-20	8:27 AM	11.9	124.08	4	3.9	PHIVOLCS
10-Sep-20	1:32 PM	11.86	124.1	21	2.2	PHIVOLCS
10-Sep-20	11:50 PM	12.16	123.81	1	2.6	PHIVOLCS
11-Sep-20	3:17 AM	12.1	123.87	19	2.6	PHIVOLCS
11-Sep-20	6:46 PM	11.76	124.31	23	2.8	PHIVOLCS
11-Sep-20	6:46 PM	11.75	124.27	13	2.1	PHIVOLCS
12-Sep-20	12:16 AM	11.88	124.05	3	3.1	PHIVOLCS
12-Sep-20	7:27 AM	12.2	123.91	8	3.6	PHIVOLCS
13-Sep-20	12:36 AM	12.03	124.01	2	2.6	PHIVOLCS
13-Sep-20	12:55 AM	12.17	123.88	30	2.5	PHIVOLCS
13-Sep-20	12:44 PM	12.03	124.01	20	3.3	PHIVOLCS
13-Sep-20	3:08 PM	11.96	124.03	1	3.1	PHIVOLCS
13-Sep-20	10:07 PM	11.9	124.12	3	3	PHIVOLCS
14-Sep-20	11:09 AM	12.14	124.01	15	2.4	PHIVOLCS
15-Sep-20	4:41 AM	11.86	124.17	5	3.6	PHIVOLCS
15-Sep-20	4:53 AM	11.84	124.15	6	2.5	PHIVOLCS
15-Sep-20	5:27 AM	12.22	124.01	64	2.3	PHIVOLCS
16-Sep-20	2:43 AM	12.1	123.95	25	2.5	PHIVOLCS
16-Sep-20	1:23 PM	12.27	123.83	21	3.1	PHIVOLCS
16-Sep-20	5:40 PM	11.76	124.19	7	2.4	PHIVOLCS
17-Sep-20	5:54 PM	11.9	124.17	1	2.6	PHIVOLCS
18-Sep-20	5:02 AM	12.47	123.66	33	2.1	PHIVOLCS

18-Sep-20	3:14 PM	11.92	124.13	6	2.2	PHIVOLCS
20-Sep-20	1:49 AM	12.85	123.38	15	3.8	PHIVOLCS
20-Sep-20	2:06 AM	12.86	123.39	27	3.5	PHIVOLCS
20-Sep-20	11:12 AM	12.7	123.18	5	3.7	PHIVOLCS
20-Sep-20	11:50 AM	12.77	123.3	14	3.8	PHIVOLCS
20-Sep-20	6:51 PM	11.86	124.24	5	2.1	PHIVOLCS
22-Sep-20	9:41 PM	12.29	123.95	20	1.7	PHIVOLCS
23-Sep-20	12:38 AM	11.81	124.14	7	4.1	PHIVOLCS
23-Sep-20	3:57 AM	11.84	124.12	1	3	PHIVOLCS
23-Sep-20	6:26 AM	12.09	124.01	5	2.6	PHIVOLCS
23-Sep-20	12:05 PM	12.16	123.91	11	4.5	PHIVOLCS
23-Sep-20	12:09 PM	12.08	123.93	1	3	PHIVOLCS
23-Sep-20	12:11 PM	12.24	123.75	31	2.3	PHIVOLCS
23-Sep-20	10:07 PM	12.29	123.87	21	2.9	PHIVOLCS
24-Sep-20	12:52 AM	11.92	124.06	3	2.7	PHIVOLCS
24-Sep-20	3:28 AM	11.87	124.17	2	2.1	PHIVOLCS
24-Sep-20	4:51 AM	11.83	124.19	1	1.9	PHIVOLCS
24-Sep-20	6:00 AM	11.85	124.09	15	2.1	PHIVOLCS
24-Sep-20	6:00 AM	11.9	124.12	21	2.2	PHIVOLCS
24-Sep-20	6:01 AM	11.82	124.22	3	2.7	PHIVOLCS
25-Sep-20	3:21 AM	12.22	123.78	32	2	PHIVOLCS
25-Sep-20	5:36 PM	12.29	123.76	31	2.8	PHIVOLCS
26-Sep-20	3:17 AM	12.17	123.92	21	2.6	PHIVOLCS
27-Sep-20	5:53 PM	12.57	123.55	4	3.3	PHIVOLCS
27-Sep-20	11:26 PM	12.5	123.55	8	2.9	PHIVOLCS
28-Sep-20	3:13 AM	12.35	123.82	14	2.9	PHIVOLCS
28-Sep-20	5:23 AM	12.59	123.53	33	2.3	PHIVOLCS
28-Sep-20	10:31 AM	11.75	124.27	3	3.1	PHIVOLCS
28-Sep-20	12:34 PM	12.31	123.72	31	2.9	PHIVOLCS
28-Sep-20	9:52 PM	12.31	123.79	28	2.7	PHIVOLCS
29-Sep-20	3:18 AM	11.98	124.08	7	2.8	PHIVOLCS
30-Sep-20	5:39 AM	11.85	124.12	1	1.9	PHIVOLCS
2-Oct-20	3:58 PM	11.81	124.13	1	2.4	PHIVOLCS
2-Oct-20	5:57 PM	12.17	124.02	15	2.2	PHIVOLCS
2-Oct-20	9:54 PM	12.34	123.85	24	3.2	PHIVOLCS
3-Oct-20	2:43 AM	11.83	124.28	11	2.9	PHIVOLCS
3-Oct-20	4:57 AM	11.84	124.16	11	2.4	PHIVOLCS
3-Oct-20	7:12 AM	12.57	123.51	6	3.2	PHIVOLCS
3-Oct-20	9:29 AM	12.22	123.91	19	3.3	PHIVOLCS
4-Oct-20	9:04 AM	11.79	124.28	19	2.4	PHIVOLCS
5-Oct-20	3:58 AM	12.3	123.78	40	2.8	PHIVOLCS
6-Oct-20	2:34 AM	12.53	123.71	11	2.4	PHIVOLCS
8-Oct-20	7:00 PM	11.94	124.15	4	3.4	PHIVOLCS
9-Oct-20	2:49 PM	11.91	124.01	23	2.2	PHIVOLCS
9-Oct-20	5:31 PM	13.05	122.62	3	2.1	PHIVOLCS
9-Oct-20	8:36 PM	12.09	123.94	1	2.8	PHIVOLCS
10-Oct-20	8:27 PM	11.8	124.17	11	3.4	PHIVOLCS
11-Oct-20	6:01 AM	12.05	123.96	4	3	PHIVOLCS
11-Oct-20	2:01 PM	12.08	123.98	4	2.8	PHIVOLCS
12-Oct-20	12:58 AM	12.35	123.76	11	2.9	PHIVOLCS
12-Oct-20	10:40 PM	11.89	124.11	2	2.9	PHIVOLCS
13-Oct-20	12:56 AM	11.83	124.21	1	2.4	PHIVOLCS
14-Oct-20	1:43 AM	12.43	123.72	27	2.8	PHIVOLCS
14-Oct-20	6:46 PM	11.85	124.14	11	2.8	PHIVOLCS
15-Oct-20	9:23 PM	12.35	123.83	29	2.5	PHIVOLCS
19-Oct-20	1:19 AM	12.5	123.65	64	2.4	PHIVOLCS

19-Oct-20	6:23 AM	12.15	123.95	28	2.8	PHIVOLCS
19-Oct-20	8:09 PM	12.8	123.49	13	2.9	PHIVOLCS
21-Oct-20	1:23 AM	11.74	124.1	32	2.6	PHIVOLCS
21-Oct-20	12:17 PM	11.86	124.21	1	2.2	PHIVOLCS
23-Oct-20	2:31 AM	13.14	123.14	18	2.1	PHIVOLCS
24-Oct-20	2:07 AM	13.03	122.79	20	2.5	PHIVOLCS
24-Oct-20	6:34 AM	11.86	124.11	11	2.8	PHIVOLCS
25-Oct-20	3:53 PM	11.94	124.22	15	2.9	PHIVOLCS
26-Oct-20	6:11 PM	12.01	124.1	1	2.8	PHIVOLCS
26-Oct-20	11:49 PM	11.85	124.15	7	2	PHIVOLCS
28-Oct-20	2:21 AM	12.16	123.93	6	3.6	PHIVOLCS
28-Oct-20	7:57 AM	11.91	124.07	1	3.9	PHIVOLCS
28-Oct-20	9:47 PM	12.08	123.98	12	2.7	PHIVOLCS
30-Oct-20	8:43 AM	11.88	124.08	13	3.8	PHIVOLCS
31-Oct-20	5:26 AM	12.31	123.86	18	2.7	PHIVOLCS
2-Nov-20	2:01 PM	12.23	123.73	30	2	PHIVOLCS
2-Nov-20	10:06 PM	11.92	124.14	20	2.4	PHIVOLCS
5-Nov-20	1:53 AM	11.83	124.16	18	2.5	PHIVOLCS
5-Nov-20	6:12 AM	12.18	123.89	52	2.9	PHIVOLCS
5-Nov-20	9:06 AM	11.77	124.09	24	2.2	PHIVOLCS
6-Nov-20	4:40 AM	11.85	124.07	29	2.3	PHIVOLCS
6-Nov-20	6:20 AM	11.83	124.12	1	2.9	PHIVOLCS
8-Nov-20	12:34 AM	12.08	123.96	8	2.7	PHIVOLCS
8-Nov-20	10:17 AM	11.99	123.98	3	3.7	PHIVOLCS
10-Nov-20	8:04 AM	11.75	124.15	1	3.2	PHIVOLCS
13-Nov-20	8:10 AM	12.18	123.94	13	4	PHIVOLCS
13-Nov-20	8:17 AM	12.24	123.9	22	3	PHIVOLCS
13-Nov-20	2:16 PM	11.93	123.88	25	2.3	PHIVOLCS
13-Nov-20	6:22 PM	12.31	123.74	47	2.4	PHIVOLCS
13-Nov-20	11:32 PM	11.82	124.15	1	3.4	PHIVOLCS
15-Nov-20	12:13 AM	12.5	123.44	12	3.8	PHIVOLCS
15-Nov-20	2:35 PM	11.81	124.16	10	5	PHIVOLCS
15-Nov-20	5:40 PM	11.84	124.16	19	2.2	PHIVOLCS
15-Nov-20	9:54 PM	12	124.11	33	2.4	PHIVOLCS
16-Nov-20	2:16 AM	11.87	124.17	6	2.6	PHIVOLCS
16-Nov-20	3:22 AM	11.83	124.13	4	2.7	PHIVOLCS
16-Nov-20	8:34 AM	11.89	124.22	15	3.5	PHIVOLCS
16-Nov-20	1:38 PM	11.83	124.21	2	2.7	PHIVOLCS
18-Nov-20	1:39 PM	12.49	123.69	25	2.4	PHIVOLCS
18-Nov-20	6:46 PM	12.14	123.95	22	2.7	PHIVOLCS
18-Nov-20	9:39 PM	12.45	123.73	15	3.5	PHIVOLCS
19-Nov-20	3:56 AM	12.27	123.77	13	4.4	PHIVOLCS
19-Nov-20	5:15 AM	12.42	123.71	21	3.1	PHIVOLCS
19-Nov-20	8:32 AM	12.38	123.67	28	2.9	PHIVOLCS
19-Nov-20	12:12 PM	12.31	123.76	16	3.3	PHIVOLCS
20-Nov-20	8:19 PM	11.85	124.15	9	3.2	PHIVOLCS
20-Nov-20	8:59 PM	12.03	124.03	2	2.4	PHIVOLCS
20-Nov-20	11:47 PM	12.29	123.76	8	2.3	PHIVOLCS
21-Nov-20	10:52 PM	11.99	124.13	16	2.4	PHIVOLCS
26-Nov-20	2:48 AM	11.74	124.22	12	2.8	PHIVOLCS
26-Nov-20	3:09 AM	11.73	124.26	7	2.6	PHIVOLCS
26-Nov-20	10:07 PM	12.09	123.93	29	2.5	PHIVOLCS
27-Nov-20	6:16 AM	12.4	123.83	56	2.5	PHIVOLCS
29-Nov-20	9:30 PM	13.07	122.76	7	3.2	PHIVOLCS
30-Nov-20	4:23 AM	11.9	124.11	12	4.8	PHIVOLCS
30-Nov-20	7:29 AM	11.89	124.1	1	2.2	PHIVOLCS

1-Dec-20	2:46 AM	11.91	124.08	1	2.4	PHIVOLCS
4-Dec-20	12:52 AM	12.27	123.82	20	2.8	PHIVOLCS
4-Dec-20	4:08 PM	11.89	124.14	6	2.4	PHIVOLCS
4-Dec-20	4:30 PM	11.89	124.14	8	2.3	PHIVOLCS
5-Dec-20	12:41 AM	11.84	124.17	10	2.7	PHIVOLCS
7-Dec-20	2:26 AM	12.13	123.95	19	2.5	PHIVOLCS
8-Dec-20	9:22 PM	11.75	124.25	13	3.3	PHIVOLCS
9-Dec-20	6:15 PM	11.91	124.05	23	2.7	PHIVOLCS
11-Dec-20	12:19 AM	11.9	124.11	8	3.3	PHIVOLCS
13-Dec-20	10:15 AM	11.98	123.94	28	2	PHIVOLCS
13-Dec-20	2:45 PM	11.94	124.06	1	3.8	PHIVOLCS
14-Dec-20	3:20 AM	11.98	124.07	10	3	PHIVOLCS
14-Dec-20	10:14 PM	12.25	123.83	6	2.6	PHIVOLCS
22-Dec-20	5:18 AM	11.83	124.24	2	2.3	PHIVOLCS
22-Dec-20	6:04 AM	12.28	123.81	13	3.6	PHIVOLCS
23-Dec-20	4:24 AM	12.25	123.85	28	2.4	PHIVOLCS
23-Dec-20	5:36 PM	12.62	123.48	1	3	PHIVOLCS
25-Dec-20	11:45 AM	12.45	123.76	28	2.9	PHIVOLCS
25-Dec-20	10:58 PM	12.45	123.87	17	2.3	PHIVOLCS
26-Dec-20	4:37 AM	12.01	124.02	15	3.5	PHIVOLCS
27-Dec-20	4:01 AM	12.85	122.82	20	3.4	PHIVOLCS
27-Dec-20	9:55 PM	12.27	123.87	25	3.2	PHIVOLCS
28-Dec-20	5:04 PM	11.81	124.22	1	2.4	PHIVOLCS
28-Dec-20	11:56 PM	12.26	123.9	22	2.6	PHIVOLCS
29-Dec-20	2:16 PM	11.87	124.15	8	2.1	PHIVOLCS
4-Jan-21	10:57 AM	12.11	123.96	2	3.5	PHIVOLCS
15-Jan-21	3:20 AM	12.09	123.99	6	3.4	PHIVOLCS
17-Jan-21	11:05 AM	12.45	123.8	5	3.3	PHIVOLCS
20-Jan-21	8:19 PM	12.34	123.92	42	3.1	PHIVOLCS
29-Jan-21	4:42 PM	12.33	123.76	12	3.6	PHIVOLCS
31-Jan-21	8:48 AM	11.95	124.06	1	3	PHIVOLCS
9-Feb-21	12:24 PM	12.41	123.81	26	2.3	PHIVOLCS
11-Feb-21	5:52 PM	11.78	124.13	6	2.7	PHIVOLCS
14-Feb-21	5:06 PM	12.07	124.21	1	3.1	PHIVOLCS
16-Feb-21	4:40 AM	12.27	123.81	3	2.9	PHIVOLCS
19-Feb-21	8:54 PM	11.91	124.08	1	2.8	PHIVOLCS
20-Feb-21	4:00 PM	11.86	124.15	7	2.8	PHIVOLCS
20-Feb-21	9:48 PM	12.48	123.65	3	2.8	PHIVOLCS
21-Feb-21	1:31 AM	11.85	124.27	15	2.3	PHIVOLCS
23-Feb-21	11:28 PM	12.07	123.94	1	2.9	PHIVOLCS
2-Mar-21	5:56 PM	12.08	123.9	1	2.9	PHIVOLCS
3-Mar-21	10:23 PM	11.88	124.16	1	2.7	PHIVOLCS
5-Mar-21	4:59 PM	12.38	123.52	5	2.8	PHIVOLCS
6-Mar-21	6:57 AM	12.34	123.67	1	2.5	PHIVOLCS
7-Mar-21	9:30 AM	11.78	124.22	1	2.3	PHIVOLCS
7-Mar-21	5:30 PM	12.16	124.04	15	2.5	PHIVOLCS
19-Mar-21	7:40 PM	12.56	123.6	9	3.6	PHIVOLCS
22-Mar-21	3:48 AM	11.91	124.18	1	2	PHIVOLCS
30-Mar-21	10:02 PM	12.72	123.66	8	3.7	PHIVOLCS
31-Mar-21	9:20 PM	12.36	123.71	2	2.7	PHIVOLCS
31-Mar-21	9:42 PM	12.48	123.69	8	2.8	PHIVOLCS
3-Apr-21	10:01 AM	12.26	123.84	10	3.6	PHIVOLCS
3-Apr-21	10:13 AM	12.2	123.9	1	3	PHIVOLCS
4-Apr-21	6:47 AM	12.98	122.86	21	2.4	PHIVOLCS
5-Apr-21	1:01 AM	12.9	122.94	17	4	PHIVOLCS
5-Apr-21	7:11 AM	12.53	123.62	3	2.9	PHIVOLCS

14-Apr-21	6:34 PM	11.79	124.16	23	2.4	PHIVOLCS
15-Apr-21	2:14 PM	11.87	124.19	10	2.5	PHIVOLCS
29-Apr-21	3:26 AM	11.72	124.16	9	2.7	PHIVOLCS
2-May-21	3:41 AM	11.78	124.13	9	2.3	PHIVOLCS
2-May-21	10:07 PM	12.16	124.1	15	2.6	PHIVOLCS
4-May-21	1:04 AM	11.9	124.11	1	2.5	PHIVOLCS
5-May-21	10:45 PM	12.2	123.9	1	3.6	PHIVOLCS
7-May-21	4:35 AM	12.31	123.77	18	2.5	PHIVOLCS
9-May-21	12:42 AM	11.8	124.13	6	2.1	PHIVOLCS
17-May-21	4:10 AM	12.97	122.53	3	2.2	PHIVOLCS
18-May-21	11:31 PM	12.33	123.72	12	2.8	PHIVOLCS
22-May-21	10:40 PM	13.21	122.89	17	2.8	PHIVOLCS
30-May-21	10:38 AM	12.69	123.17	23	3.7	PHIVOLCS
31-May-21	1:52 AM	12.73	123.32	17	2.9	PHIVOLCS
6-Jun-21	8:18 PM	12.61	123.43	14	2.7	PHIVOLCS
8-Jun-21	2:17 AM	11.9	124.06	17	4.1	PHIVOLCS
10-Jun-21	12:40 AM	11.81	124.2	2	1.9	PHIVOLCS
13-Jun-21	1:34 AM	12.06	124.04	1	1.8	PHIVOLCS
13-Jun-21	8:03 PM	11.88	124.12	3	2.5	PHIVOLCS
16-Jun-21	2:24 AM	12.72	123.29	13	2.4	PHIVOLCS
17-Jun-21	7:21 AM	12.23	123.85	23	3.1	PHIVOLCS
21-Jun-21	12:07 PM	12.31	123.79	38	3	PHIVOLCS
29-Jun-21	7:30 PM	12.36	123.72	34	2.5	PHIVOLCS
30-Jun-21	8:50 AM	12.58	123.62	1	2.7	PHIVOLCS
2-Jul-21	11:01 PM	12.05	124.01	1	2.7	PHIVOLCS
5-Jul-21	11:45 PM	11.91	123.92	20	1.8	PHIVOLCS
11-Jul-21	4:29 AM	12.72	123.12	17	3.8	PHIVOLCS
11-Jul-21	12:43 PM	11.91	124.02	12	3	PHIVOLCS
14-Jul-21	3:29 AM	11.83	124.16	11	3	PHIVOLCS
15-Jul-21	3:10 AM	12.54	123.59	23	2.2	PHIVOLCS
17-Jul-21	5:44 AM	12.28	123.76	40	2.5	PHIVOLCS
17-Jul-21	10:38 PM	11.99	124.04	28	3	PHIVOLCS
21-Jul-21	3:38 AM	12.04	123.98	1	2.3	PHIVOLCS
30-Jul-21	9:39 PM	11.88	124.1	5	2.4	PHIVOLCS
1-Aug-21	6:21 AM	11.86	124.17	3	2	PHIVOLCS
1-Aug-21	3:34 PM	12.18	123.79	34	2.2	PHIVOLCS
10-Aug-21	2:59 AM	12.69	123.22	1	1.9	PHIVOLCS
12-Aug-21	4:53 AM	11.74	124.25	9	2.5	PHIVOLCS
13-Aug-21	2:24 AM	11.75	124.28	6	2.5	PHIVOLCS
18-Aug-21	6:05 AM	12.35	123.8	10	3.1	PHIVOLCS
19-Aug-21	6:08 PM	12.34	123.76	28	2.5	PHIVOLCS
23-Aug-21	12:10 PM	12.54	123.61	16	2.7	PHIVOLCS
26-Aug-21	10:36 PM	11.76	124.24	6	3.6	PHIVOLCS
27-Aug-21	12:30 AM	11.77	124.24	8	2.5	PHIVOLCS
1-Sep-21	5:35 AM	11.77	124.25	5	3.7	PHIVOLCS
11-Sep-21	1:05 PM	12.2	123.87	23	2.6	PHIVOLCS
13-Sep-21	6:48 PM	12.56	123.61	7	2.9	PHIVOLCS
15-Sep-21	7:49 AM	12.74	123.18	13	3.6	PHIVOLCS
22-Sep-21	4:40 AM	11.88	124.08	8	2.8	PHIVOLCS
25-Sep-21	6:30 PM	12.43	123.44	23	2	PHIVOLCS
28-Sep-21	3:59 AM	12.07	123.98	9	2.7	PHIVOLCS
15-Oct-21	1:55 AM	12.5	123.54	7	2.4	PHIVOLCS
15-Oct-21	3:08 AM	12.31	123.8	15	3.6	PHIVOLCS
16-Oct-21	11:29 AM	11.83	124.21	1	2.5	PHIVOLCS
16-Oct-21	6:44 PM	11.86	124.2	1	2.7	PHIVOLCS
19-Oct-21	11:55 PM	11.85	124.19	1	2.1	PHIVOLCS

27-Oct-21	1:03 PM	11.74	124.14	29	2	PHIVOLCS
1-Nov-21	3:33 PM	11.92	124.06	1	2.2	PHIVOLCS
2-Nov-21	12:49 AM	11.8	124.18	6	3.4	PHIVOLCS
8-Nov-21	12:15 AM	13	122.64	8	3.1	PHIVOLCS
17-Nov-21	8:52 AM	12.08	123.99	4	4	PHIVOLCS
17-Nov-21	8:55 AM	12.07	124.01	27	2.2	PHIVOLCS
17-Nov-21	9:15 AM	12.03	123.96	3	2.9	PHIVOLCS
18-Nov-21	1:43 AM	12.24	123.7	34	1.7	PHIVOLCS
19-Nov-21	2:31 PM	11.88	124.09	5	2.6	PHIVOLCS
20-Nov-21	11:40 AM	12.21	123.86	4	3.7	PHIVOLCS
21-Nov-21	9:52 AM	12.14	123.9	3	3.1	PHIVOLCS
21-Nov-21	10:52 AM	12.22	123.9	20	2.7	PHIVOLCS
23-Nov-21	3:47 AM	11.79	124.17	14	3.3	PHIVOLCS
2-Dec-21	7:23 PM	12.82	123.52	9	3.6	PHIVOLCS
17-Dec-21	10:33 PM	12.8	123.63	29	2.5	PHIVOLCS
17-Dec-21	10:41 PM	12.81	123.56	2	3.3	PHIVOLCS
17-Dec-21	10:44 PM	12.88	123.51	9	2.4	PHIVOLCS
17-Dec-21	10:58 PM	12.85	123.54	28	4.1	PHIVOLCS
19-Dec-21	4:29 AM	12.68	123.09	18	2.7	PHIVOLCS
24-Dec-21	2:30 AM	11.74	124.28	3	2.6	PHIVOLCS
24-Dec-21	8:51 PM	12.22	123.87	12	3.5	PHIVOLCS

Table S6: Historical seismicity from USGS-NEIC

Time (UTC)	Lat	Long	Depth	Mag	MagType	RMS	net	id
2/17/03 16:07	12.02	123.978	20.7	4.6	mb	0.86	us	usp000bqwk
2/15/03 11:01	12.168	124.079	10	6.3	mwc	1.4	us	usp000bqr6
2/15/03 7:18	12.033	123.956	10	4.6	mb	1.23	us	usp000bqqp
2/15/03 5:47	12.171	123.921	10	5.8	mwc	1.12	us	usp000bqqg
2/14/03 19:56	12.152	123.869	10	4.5	mb	1.03	us	usp000bqpf
8/23/01 8:32	12.646	123.811	33	4.5	mb	1.37	us	usp000amx4
8/12/01 0:41	12.581	123.524	75.4	4.7	mb	1.13	us	usp000am9c
7/30/01 5:14	12.598	123.381	33	5.4	mwc	0.94	us	usp000akga
8/15/99 0:41	11.816	124.251	33	5.4	mwc	0.95	us	usp0009d1r
8/29/98 11:03	12.641	123.483	33	4.6	mb	1.41	us	usp0008u1t
8/1/98 21:21	12.403	123.834	33	5.3	mwc	1.29	us	usp0008skz
5/7/98 13:53	12.239	123.435	33	5.1	mwc	1.44	us	usp0008mmk
7/15/97 13:08	12.56	123.143	33	4.6	mb	1.14	us	usp00084wn
3/18/96 19:56	12.792	123.297	33	4.5	ms	1.1	us	usp0007eyk
9/7/93 23:01	11.937	124.125	26.5	4.5	mb	1.2	us	usp0005zxc
7/25/93 3:28	11.853	124.015	30.6	4.5	mb	1.2	us	usp0005xb6
7/8/93 16:47	11.984	124.197	18.1	4.9	mb	1.2	us	usp0005vts
4/24/93 15:45	11.926	124.124	42.6	4.6	mb	1.1	us	usp0005rqr
1/18/93 19:56	11.843	124.3	30.9	4.7	mb	1.3	us	usp0005kxv
7/22/91 7:13	12.71	123.376	22.8	4.7	mb	1.1	us	usp0004ufw
4/23/91 2:50	13.087	123.239	40	5.2	mb	1	us	usp0004qpz
3/27/91 16:27	12.535	123.475	47	4.7	mb	1.1	us	usp0004pmu
3/27/91 9:14	12.55	123.461	33	5.1	ms	1.1	us	usp0004pm7
7/18/90 20:10	12.642	123.585	33	5	mb	1.1	us	usp0004c65
1/24/84 16:27	12.244	123.946	18.1	4.9	mb	1.7	us	usp00021hg
1/24/84 16:22	12.364	123.875	24.4	5.9	mw	1.2	us	usp00021hf
8/5/83 18:08	12.5	123.938	32.5	5.1	mb	1.4	us	usp0001xc4
6/13/83 5:59	12.696	123.144	37.7	4.7	mb	1.4	us	usp0001w2e
4/25/83 19:03	12.787	123.052	28.6	5.1	mb	0.9	us	usp0001usa
3/17/83 18:10	12.91	122.94	33	5.7	ms	1.2	us	usp0001tqg
10/10/82 5:13	12.193	123.851	14.6	4.8	mb	1.2	us	usp0001q4w
7/14/78 17:12	12.131	124.028	33	5.3	mb		us	usp0000vk1
11/8/77 3:47	12.23	123.908	33	5.3	ms		us	usp0000rdw
7/25/71 12:51	12.439	123.691	40	6.44	mw		iscgem	iscgem782654
7/2/71 5:34	12.36	123.899	25	6.07	mw		iscgem	iscgem781837
11/13/70 14:16	12.081	123.863	13.5	6.55	mw		iscgem	iscgem790180
6/21/67 15:45	12.874	122.938	29.3	5.53	mw		iscgem	iscgem834734
3/13/58 23:49	12.658	123.092	25	5.84	mw		iscgem	iscgem883999
8/18/57 8:37	12.221	123.959	20	6.48	mw		iscgem	iscgem887045
11/5/41 17:38	12.808	123.518	15	6.85	mw		iscgem	iscgem901063
5/25/39 6:16	12.938	122.954	15	5.78	mw		iscgem	iscgem901989
8/29/38 15:22	12.036	124.134	15	6.75	mw		iscgem	iscgem902648
9/22/37 3:11	12.391	123.841	15	6.26	mw		iscgem	iscgem903260
4/23/22 21:30	12.106	123.392	35	6.23	mw		iscgemsup	iscgemsup911875
5/28/17 12:01	12.77	123.047	15	5.96	mw		iscgemsup	iscgemsup913514

S4 SBAS Interferometry Output and Data

S4.1 Profile data

Definition of column names:

- boxID - boxID number (box 51 is closest to Cataingan bay, box 3 is closest to Naro bay)
- dist_naro - distance of box profile from Naro bay in km
- LrMin - minimum extent of the regression line on the left side
- LrMax - maximum extent of the regression line on the left side
- Ly0 - ordinate of the leftmost limit of the regression line
- Ly1_int - intercept of the regression line of the left side
- left_slope - slope of the regression line of the left side
- left_intercept - intercept of the regression line of the left side
- RrMin - minimum extent of the regression line on the right side
- RrMax - maximum extent of the regression line on the right side
- Ry0_int - intercept of the regression line of the right side
- Ry1 - ordinate of the rightmost limit of the regression line
- Offset - measured slip from the intercepts of both sides in m
- sigmaBsum - sum of the standard error of regression intercepts of the left and right side

Table S7: Compiled regression parameters of the fault parallel afterslip from time series interferometry

boxID	dist_naro	LrMin	LrMax	Ly0	Ly1_int	RrMin	RrMax	Ry0_int	Ry1	Offset	sigmaBsum
3	0.35301441	-1270	-250	-0.00055	-0.0023	500	1520	0.0405	0.037	0.0428	0.00284239
4	0.91454843	-1360	-310	0.0032	-0.0073	290	1460	0.0464	0.0499	0.0537	0.00344597
5	1.42951316	-1120	-370	-0.00245	-0.0147	440	1130	0.0493	0.0668	0.064	0.00578339
6	2.00220612	-1050	-190	-0.0101	-0.0136	150	1220	0.0534	0.0709	0.067	0.00515096
7	2.50100729	-1700	-130	-0.00795	-0.0132	350	950	0.055	0.06375	0.0682	0.00596387
8	3.04949265	-1750	-40	-0.0126	-0.0161	230	900	0.0484	0.0659	0.0645	0.00547217
9	3.55203461	-1750	-110	-0.01295	-0.0147	370	890	0.0465	0.064	0.0612	0.00639642
10	4.07317648	-1750	-770	-0.02215	-0.0204	350	560	0.0566	0.0741	0.077	0.01135092
11	4.58750381	-1415	-770	-0.02145	-0.0197	170	1000	0.0605	0.078	0.0802	0.00725525
12	5.09068063	-1430	-310	-0.02445	-0.0157	270	1280	0.0663	0.0698	0.082	0.00609765
13	5.60109659	-1510	-340	-0.024505	-0.0244	50	1430	0.0593	0.0558	0.0837	0.00511354
14	6.11920439	-580	-160	-0.0154	-0.0224	290	1310	0.0551	0.04985	0.0775	0.0060088
15	6.62486192	-460	-50	-0.0091	-0.0084	400	1300	0.0516	0.050025	0.06	0.00473446
16	7.13955771	-790	-330	-0.00635	-0.0081	270	630	0.0453	0.046175	0.0534	0.00617887
17	7.64745173	-1300	-200	-0.010475	-0.011	575	1240	0.0392	0.03885	0.0502	0.00413589
18	8.14601638	-1305	-300	-0.012025	-0.0136	850	1305	0.0384	0.03805	0.052	0.00493906
19	8.66244769	-1120	-200	-0.0046	-0.0186	380	1170	0.0519	0.0484	0.0705	0.00502087
20	9.16723875	-700	-150	-0.00825	-0.0205	680	1615	0.0715	0.071605	0.092	0.00696304
21	9.67724099	-700	-10	-0.0081	-0.0256	1010	1750	0.0706	0.0671	0.0962	0.00749073
22	10.2048984	-580	-320	-0.02535	-0.0271	980	1425	0.0467	0.06245	0.0738	0.00992499
23	10.7055065	-735	-140	-0.0161	-0.0336	945	1295	0.0279	0.028005	0.0615	0.00606461
24	11.2242614	-550	-175	-0.02375	-0.0325	750	1750	0.0281	0.0316	0.0606	0.00578514
25	11.7250739	-1095	-315	-0.033905	-0.0338	380	1750	0.0352	0.035375	0.069	0.00486956
26	12.2427272	-1180	-190	-0.0405475	-0.0406	310	1235	0.0425	0.040925	0.0831	0.00597106
27	12.752487	-1200	-415	-0.03895	-0.0407	315	905	0.0436	0.0422	0.0843	0.00718267
28	13.2469022	-825	-375	-0.03795	-0.0397	565	1090	0.0389	0.03855	0.0786	0.00793864
29	13.7612246	-880	-500	-0.038325	-0.0385	645	1590	0.0353	0.035405	0.0738	0.00701215
30	14.2836273	-1085	-400	-0.0338525	-0.0338	900	1705	0.0336	0.0371	0.0674	0.00579291
31	14.7836173	-730	-205	-0.03025	-0.0313	20	375	0.0376	0.037425	0.0689	0.00753193
32	15.311448	-1750	-180	-0.0276	-0.0311	25	1750	0.0394	0.037825	0.0705	0.00371754
33	15.8195208	-1750	-220	-0.0319	-0.0354	300	1750	0.0549	0.04265	0.0903	0.00470037
34	16.3299616	-875	-345	-0.04775	-0.039	275	1135	0.0528	0.04405	0.0918	0.00787106
35	16.8427703	-915	-470	-0.05135	-0.0531	185	665	0.0514	0.0479	0.1045	0.01082571
36	17.3409541	-1235	-310	-0.056325	-0.0579	180	820	0.0515	0.048	0.1094	0.00871415
37	17.8833241	-900	-160	-0.0595	-0.0602	295	1535	0.0502	0.0502875	0.1104	0.00814591
38	18.3630961	-780	-70	-0.06015	-0.0654	850	1500	0.055	0.0543	0.1204	0.01020997
39	18.856134	-865	-115	-0.06646	-0.0666	835	1500	0.0531	0.05296	0.1197	0.01008642
40	19.39392	-610	-120	-0.069575	-0.0701	555	1420	0.0503	0.05065	0.1204	0.01095628
41	19.9004125	-625	-200	-0.07273	-0.0728	350	1355	0.0488	0.04845	0.1216	0.01136394
42	20.4183179	-530	-155	-0.074375	-0.0749	340	905	0.0479	0.04755	0.1228	0.01321516
43	20.933317	-515	-175	-0.078675	-0.0792	210	755	0.0442	0.0435	0.1234	0.0138948
44	21.4330272	-860	-135	-0.07165	-0.0839	260	950	0.039	0.03865	0.1229	0.01000801
45	21.9484487	-640	-50	-0.0809425	-0.0811	140	850	0.0403	0.0473	0.1214	0.01109887
46	22.4706024	-1750	0	-0.063	-0.0805	50	970	0.0511	0.04585	0.1316	0.00758686
47	22.9684135	-1750	0	-0.06945	-0.0852	40	1070	0.0549	0.04965	0.1401	0.00792688
48	23.4760262	-1750	0	-0.07545	-0.0912	245	1105	0.0447	0.045225	0.1359	0.00794515
49	23.9801034	-1750	0	-0.0622	-0.0972	300	940	0.0455	0.049	0.1427	0.00866862
50	24.5000114	-1750	-50	-0.0733	-0.0908	320	995	0.0346	0.03425	0.1254	0.00737379
51	25.0104121	-1750	-350	-0.0543	-0.0893	210	1170	0.0258	0.025905	0.1151	0.00642529

S4.2 Other MintPy data

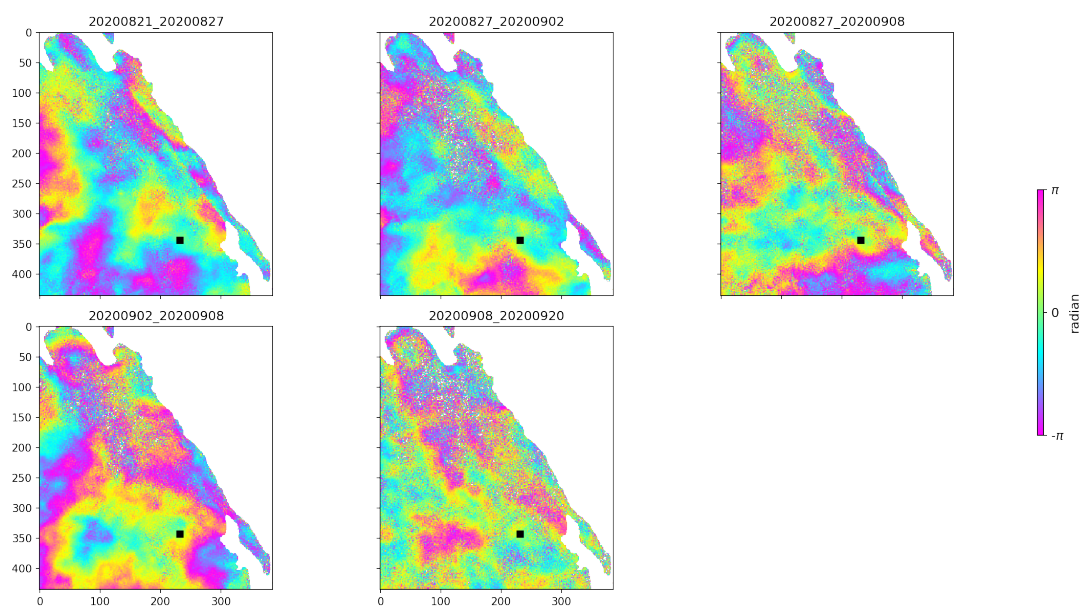


Figure S13: Ascending track interferograms included in the time-series stacking.

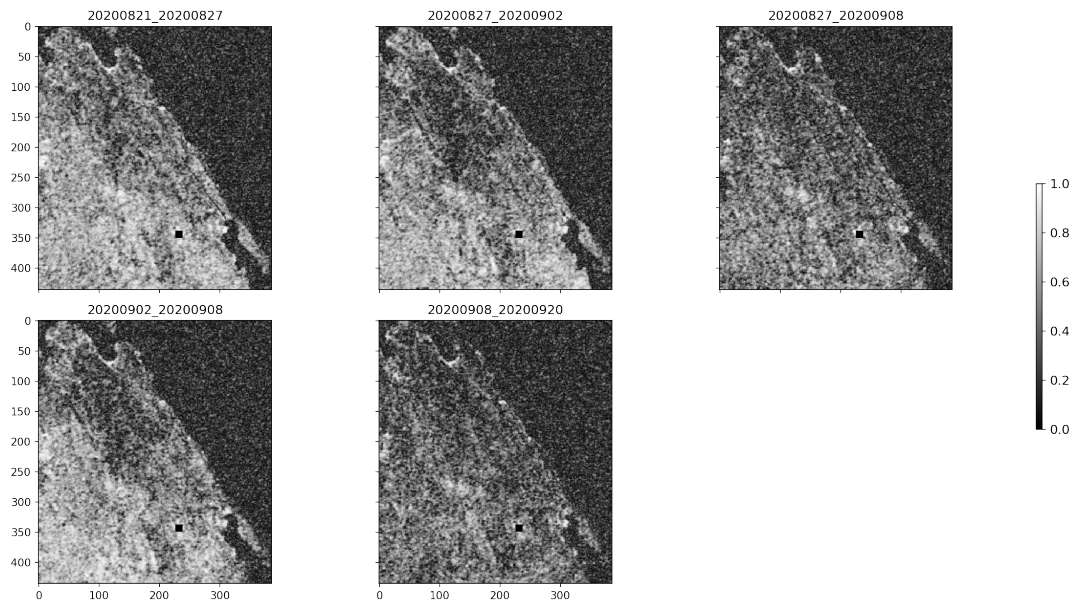


Figure S14: Individual coherence of ascending track interferograms in the stack.

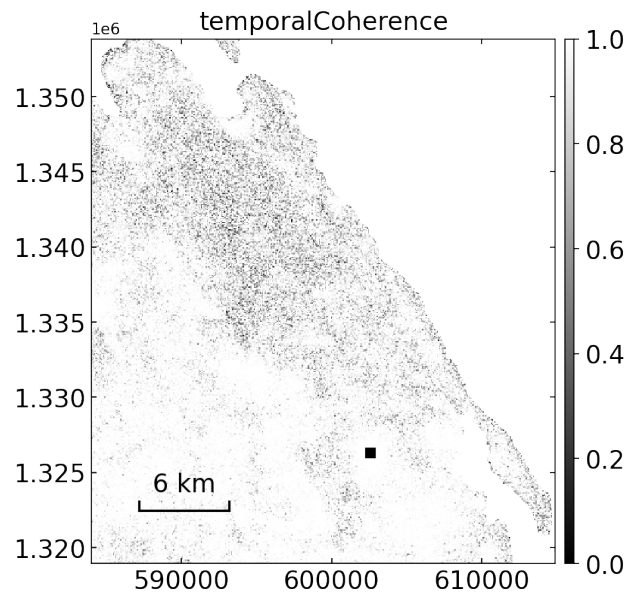


Figure S15: Temporal coherence of the ascending interferogram stack.

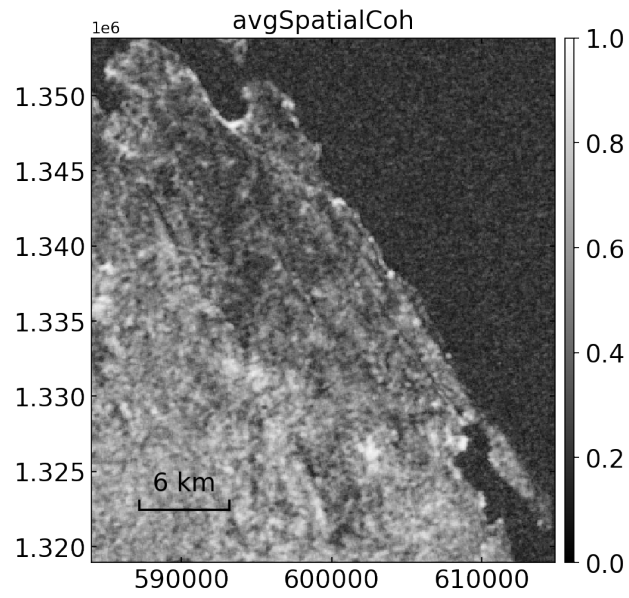


Figure S16: Spatial coherence of the ascending interferogram stack.

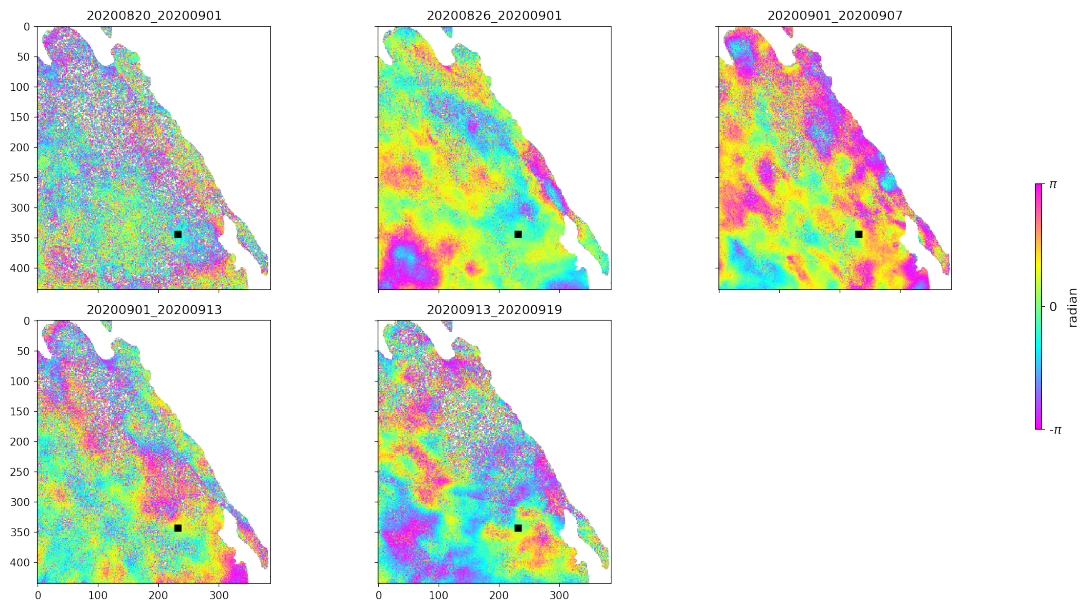


Figure S17: Descending track interferograms included in the time-series stacking.

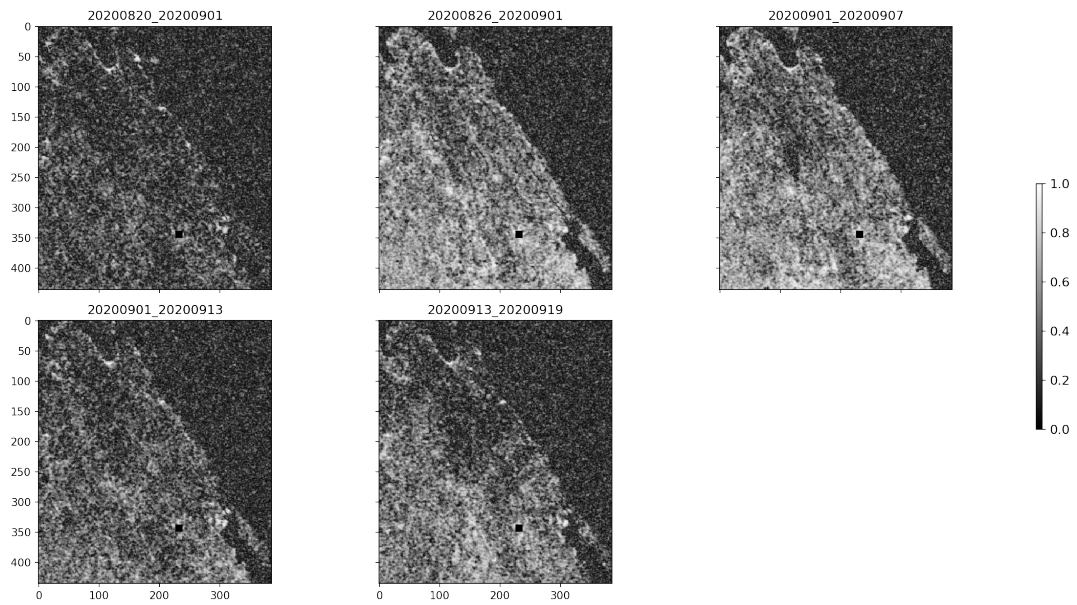


Figure S18: Individual coherence of descending track interferograms in the stack.

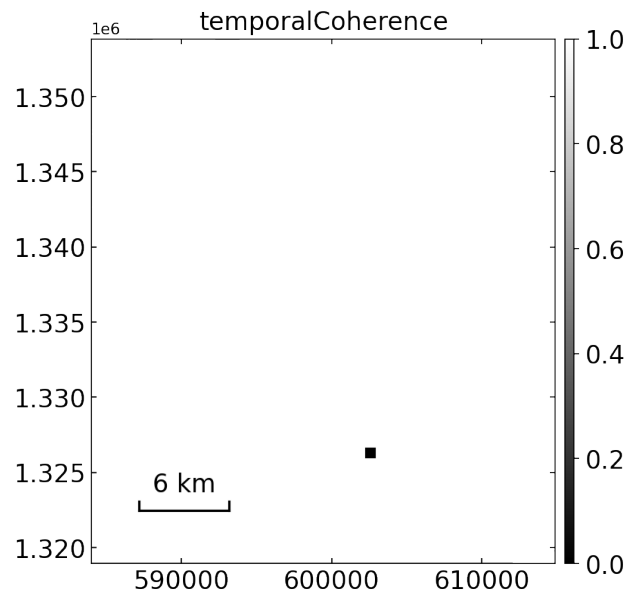


Figure S19: Temporal coherence of the descending interferogram stack.

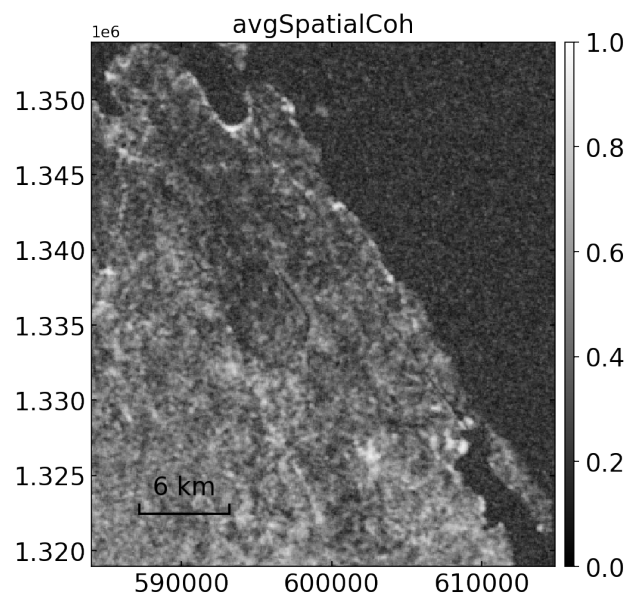


Figure S20: Spatial coherence of the descending interferogram stack.