

## Supplementary tables for "Geologically current plate motions"

Charles DeMets<sup>1</sup>

<sup>1</sup> *Geology and Geophysics, University of Wisconsin-Madison, Madison, WI 53706 USA*  
Email: [chuck@geology.wisc.edu](mailto:chuck@geology.wisc.edu); Phone: 608-262-8598; FAX: 608-262-0693

Richard G. Gordon<sup>2</sup>

<sup>2</sup> *Department of Earth Science, Rice University, Houston, TX 77005 USA*

Donald F. Argus<sup>3</sup>

<sup>3</sup> *Jet Propulsion Laboratory, California Institute of Technology, Pasadena, CA 91109 USA*

Received 2001 ——— –; in original form 2001 ——— –

**Overview:** Five tables that document all the MORVEL plate kinematic data and fits of the MORVEL angular velocities are presented in this supplement. Separate tables are included for the 1696 seafloor spreading rates, 163 fault azimuths, 56 earthquake slip directions, 144 GPS station velocities for plates whose motions are estimated with GPS, and 498 additional GPS station velocities that are used to establish the motions of three geodetic reference plates linked to MORVEL. Selected spreading rates and transform fault azimuths from deforming zones along the mid-ocean ridges are also given for data shown in the manuscript figures. All information necessary for reproducing the MORVEL angular velocities is included. Footnotes that accompany each table give further specific information. All references cited in the tables and table footnotes are included. Many additional references that describe the data denoted in these tables are given in the manuscript. Readers are also referred to the following URL for extensive graphical documentation of the original data underlying MORVEL and assistance with calculating plate velocities with MORVEL: <http://www.geology.wisc.edu/~chuck/MORVEL> .

Table 1: MORVEL spreading rates and model fits

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
<i>EU-NA (A2A)</i>								
86.53	43.24	12.2± 0.7	0.6	1.9	S25°E	2.97	2.0	Gakkel R. NRL AMAG Line 23
86.51	42.11	11.0± 0.7	-0.7	1.9	S27°E	2.93	2.0	Gakkel R. NRL AMAG Line 22
86.50	40.55	11.6± 0.7	-0.1	1.9	S28°E	2.80	2.0	Gakkel R. NRL AMAG Line 21
86.07	32.83	13.8± 0.7	1.6	1.7	S22°E	2.75	2.0	Gakkel R. NRL AMAG Line 17
85.83	20.35	13.0± 0.7	0.6	1.6	S36°E	3.48	2.0	Gakkel R. NRL AMAG Line 11
85.44	14.13	12.8± 0.7	0.1	1.6	S42°E	3.28	2.0	Gakkel R. NRL AMAG Line 6
85.40	13.08	12.8± 0.7	0.1	1.5	S43°E	3.34	2.0	Gakkel R. NRL AMAG Line 5
85.14	10.43	12.6± 0.7	-0.2	1.5	S45°E	3.43	2.0	Gakkel R. NRL AMAG Line 1
85.02	8.39	12.4± 0.7	-0.5	1.5	S47°E	3.21	2.0	Gakkel R. NRL AMAG Line 47
84.99	7.66	13.8± 0.7	0.9	1.5	S48°E	3.25	2.0	Gakkel R. NRL AMAG Line 46
84.96	7.07	14.4± 0.7	1.4	1.5	S49°E	3.11	2.0	Gakkel R. NRL AMAG Line 45
84.89	6.93	14.0± 0.7	1.0	1.5	S49°E	3.06	2.0	Gakkel R. NRL AMAG Line 44
84.81	6.87	12.6± 0.7	-0.4	1.5	S49°E	3.08	2.0	Gakkel R. NRL AMAG Line 43
84.77	6.38	14.4± 0.7	1.4	1.5	S49°E	3.35	2.0	Gakkel R. NRL AMAG Line 42
84.72	5.86	12.8± 0.7	-0.2	1.5	S50°E	3.13	2.0	Gakkel R. NRL AMAG Line 41
84.64	5.77	14.8± 1.4	1.7	0.4	S50°E	3.09	2.0	Gakkel R. NRL AMAG Line 40
84.61	5.18	12.6± 0.7	-0.4	1.5	S51°E	3.48	2.0	Gakkel R. NRL AMAG Line 39
84.32	2.49	13.4± 0.7	0.1	1.4	S49°E	2.67	2.0	Gakkel R. NRL AMAG Line 33
84.26	2.14	13.8± 0.7	0.5	1.4	S49°E	2.69	2.0	Gakkel R. NRL AMAG Line 32
84.21	1.75	12.6± 0.7	-0.7	1.4	S50°E	2.70	2.0	Gakkel R. NRL AMAG Line 31
84.17	1.19	12.6± 0.7	-0.7	1.4	S50°E	2.89	2.0	Gakkel R. NRL AMAG Line 30
84.13	0.63	12.8± 0.7	-0.5	1.4	S51°E	2.88	2.0	Gakkel R. NRL AMAG Line 29
84.09	0.08	12.2± 0.7	-1.2	1.4	S52°E	2.90	2.0	Gakkel R. NRL AMAG Line 28
84.03	-0.29	12.6± 0.7	-0.8	1.3	S52°E	2.91	2.0	Gakkel R. NRL AMAG Line 27
83.97	-0.56	12.6± 0.7	-0.8	1.3	S52°E	2.81	2.0	Gakkel R. NRL AMAG Line 26
83.91	-0.89	12.8± 0.7	-0.7	1.3	S52°E	2.67	2.0	Gakkel R. NRL AMAG Line 25
83.85	-1.33	12.4± 0.7	-1.1	1.3	S53°E	2.64	2.0	Gakkel R. NRL AMAG Line 24
83.80	-1.62	11.2± 0.7	-2.4	1.3	S53°E	2.60	2.0	Gakkel R. NRL AMAG Line 23
83.63	-2.78	12.2± 0.7	-1.3	1.3	S54°E	3.15	2.0	Gakkel R. NRL AMAG Line 19
83.57	-3.01	13.2± 0.7	-0.4	1.3	S55°E	2.90	2.0	Gakkel R. NRL AMAG Line 18
83.53	-3.55	12.8± 0.7	-0.8	1.3	S55°E	2.82	2.0	Gakkel R. NRL AMAG Line 17
77.44	7.43	17.6± 1.1	3.2	0.6	S70°E	3.19	2.0	Knipovitch R. NRL AMAG Line 41
77.32	7.52	17.8± 1.1	3.3	0.6	S70°E	2.93	2.0	Knipovitch R. NRL AMAG Line 39
77.17	7.12	16.4± 1.1	1.8	0.6	S70°E	3.00	2.0	Knipovitch R. NRL AMAG Line 35
77.05	7.16	14.4± 1.1	-0.2	0.6	S70°E	2.97	2.0	Knipovitch R. NRL AMAG Line 33
76.61	7.21	17.2± 1.1	2.1	0.5	S58°E	3.19	2.0	Knipovitch R. NRL AMAG Line 28
76.55	6.92	16.8± 1.1	1.6	0.5	S59°E	3.14	2.0	Knipovitch R. NRL AMAG Line 27
76.31	7.05	16.0± 1.1	0.8	0.5	S58°E	3.09	2.0	Knipovitch R. NRL AMAG Line 25
76.21	7.06	17.2± 1.1	1.9	0.5	S58°E	2.85	2.0	Knipovitch R. NRL AMAG Line 24
75.60	7.53	15.8± 0.7	0.4	1.1	S58°E	3.01	2.0	Knipovitch R. NRL AMAG Line 17
75.45	7.04	15.6± 0.7	0.2	1.1	S58°E	3.26	2.0	Knipovitch R. NRL AMAG Line 15
75.30	6.62	15.6± 0.7	0.0	1.1	S59°E	2.82	2.0	Knipovitch R. NRL AMAG Line 12
74.75	8.58	17.0± 0.7	1.4	1.0	S55°E	3.11	2.0	Knipovitch R. NRL AMAG Line 9
74.04	8.87	15.8± 1.4	0.1	0.3	S60°E	3.22	2.0	Knipovitch R. NRL AMAG Line 2
73.97	8.80	15.6± 0.7	-0.1	1.1	S60°E	3.11	2.0	Knipovitch R. NRL AMAG Line 1
73.93	8.73	15.0± 1.4	0.2	0.3	S77°E	3.47	2.0	NGDC ID 67010018
73.88	8.84	15.4± 0.7	-0.3	0.9	S48°E	2.99	2.0	Mohns R. NRL AMAG Line 51
73.86	8.43	16.8± 0.7	1.1	0.9	S48°E	2.76	2.0	Mohns R. NRL AMAG Line 50
73.85	8.53	16.0± 1.1	1.2	0.6	S77°E	3.29	2.0	NGDC ID 01030088
73.70	8.46	17.0± 0.7	1.2	0.9	S48°E	2.82	2.0	Mohns R. NRL AMAG Line 49
73.65	8.28	17.2± 0.7	1.5	0.9	S48°E	3.08	2.0	Mohns R. NRL AMAG Line 48
73.53	7.81	17.0± 1.1	2.3	0.4	S34°E	3.29	2.0	NGDC ID 01030131
73.46	7.69	16.8± 0.7	1.0	0.9	S49°E	2.94	2.0	Mohns R. NRL AMAG Line 45
73.26	6.96	17.0± 1.4	2.2	0.2	S34°E	2.63	2.0	NGDC ID 15050036
73.19	6.47	17.4± 0.7	1.4	0.9	S50°E	2.87	2.0	Mohns R. NRL AMAG Line 41
73.14	6.00	17.0± 0.7	1.0	0.9	S50°E	3.03	2.0	Mohns R. NRL AMAG Line 40
73.09	5.83	17.4± 0.7	1.4	0.9	S51°E	3.09	2.0	Mohns R. NRL AMAG Line 39
73.02	5.46	16.6± 1.1	0.6	0.4	S51°E	3.47	2.0	Mohns R. NRL AMAG Line 38
72.80	4.03	15.2± 0.7	0.3	0.8	S36°E	3.06	2.0	Mohns R. NRL AMAG Line 34
72.69	4.02	15.8± 1.1	0.8	0.4	S36°E	2.86	2.0	Mohns R. NRL AMAG Line 33
72.65	3.31	15.6± 0.7	0.6	0.8	S37°E	3.08	2.0	Mohns R. NRL AMAG Line 32
72.60	3.22	14.6± 1.4	-0.4	0.2	S37°E	3.13	2.0	NGDC ID 01030130

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
72.58	3.29	15.4± 0.7	0.3	0.8	S37°E	2.81	2.0	Mohns R. NRL AMAG Line 31
72.47	2.64	15.4± 0.7	0.3	0.8	S37°E	3.08	2.0	Mohns R. NRL AMAG Line 29
72.44	2.05	15.6± 0.7	0.4	0.8	S38°E	2.73	2.0	NGDC ID 67010192
72.44	2.49	17.6± 0.7	2.5	0.8	S37°E	2.73	2.0	Mohns R. NRL AMAG Line 28
72.43	1.88	15.8± 1.4	1.5	0.2	S31°E	2.79	2.0	NGDC ID 67010192
72.39	1.69	14.4± 0.7	0.1	0.8	S31°E	2.84	2.0	NGDC ID 67010192
72.34	1.53	16.4± 0.7	2.1	0.8	S31°E	2.86	2.0	NGDC ID 67010192
72.30	1.49	14.2± 0.7	-0.1	0.8	S31°E	2.91	2.0	Mohns R. NRL AMAG Line 26
72.27	1.40	15.0± 0.7	0.6	0.8	S32°E	2.83	2.0	NGDC ID 67010192
72.11	0.57	15.2± 0.7	0.8	0.8	S32°E	3.13	2.0	Mohns R. NRL AMAG Line 23
71.87	-1.25	16.2± 0.7	1.1	0.7	S38°E	3.25	2.0	Mohns R. NRL AMAG Line 16
71.80	-2.15	15.4± 1.4	-0.3	0.2	S44°E	3.35	2.0	NGDC ID 01030117
71.79	-2.11	16.0± 0.7	0.2	0.7	S44°E	3.15	2.0	Mohns R. NRL AMAG Line 14
71.53	-4.06	15.8± 0.7	-1.2	0.7	S62°E	2.92	2.0	Mohns R. NRL AMAG Line 9
71.29	-5.82	16.0± 0.7	-1.1	0.7	S62°E	2.59	2.0	Mohns R. NRL AMAG Line 5
71.21	-5.80	16.2± 0.7	-0.9	0.7	S62°E	3.04	2.0	Mohns R. NRL AMAG Line 4
71.16	-6.20	15.6± 0.7	-1.5	0.7	S62°E	3.07	2.0	Mohns R. NRL AMAG Line 2
71.05	-6.13	15.6± 0.7	-1.5	0.7	S62°E	3.14	2.0	Mohns R. NRL AMAG Line 1
70.37	-15.19	17.4± 1.4	-0.3	0.2	S75°E	2.91	2.0	NGDC ID 01030117
69.96	-15.59	17.6± 0.7	-0.3	0.7	S76°E	2.58	2.0	NAVOCEANO AMAG Line 21
69.91	-15.62	17.4± 0.7	-0.5	0.7	S76°E	2.58	2.0	NAVOCEANO AMAG Line 20
69.86	-15.71	17.0± 0.7	-0.9	0.6	S76°E	2.64	2.0	NAVOCEANO AMAG Line 19
69.82	-15.84	17.2± 0.7	-0.7	0.6	S76°E	2.60	2.0	NAVOCEANO AMAG Line 18
69.77	-15.85	17.0± 0.7	-0.9	0.6	S76°E	2.59	2.0	NAVOCEANO AMAG Line 17
69.72	-15.76	17.0± 0.7	-0.9	0.6	S76°E	2.61	2.0	NAVOCEANO AMAG Line 16
69.67	-15.81	17.2± 0.7	-0.8	0.6	S76°E	2.64	2.0	NAVOCEANO AMAG Line 15
69.62	-15.84	17.4± 0.7	-0.6	0.6	S76°E	2.59	2.0	NAVOCEANO AMAG Line 14
69.57	-15.86	17.4± 0.7	-0.5	0.6	S76°E	2.92	2.0	NAVOCEANO AMAG Line 13
69.52	-15.93	18.2± 0.7	0.2	0.6	S76°E	2.77	2.0	NAVOCEANO AMAG Line 12
69.47	-15.95	18.4± 0.7	0.4	0.6	S76°E	2.68	2.0	NAVOCEANO AMAG Line 11
69.42	-16.00	18.8± 0.7	0.8	0.6	S76°E	2.57	2.0	NAVOCEANO AMAG Line 10
69.37	-16.05	18.6± 0.7	0.6	0.6	S76°E	2.83	2.0	NAVOCEANO AMAG Line 9
69.32	-16.11	17.8± 0.7	-0.2	0.6	S76°E	2.95	2.0	NAVOCEANO AMAG Line 8
69.28	-16.13	16.8± 0.7	-1.1	0.6	S76°E	3.11	2.0	NAVOCEANO AMAG Line 7
69.22	-16.10	17.6± 0.7	-0.4	0.6	S76°E	2.84	2.0	NAVOCEANO AMAG Line 6
69.17	-16.15	20.0± 0.7	2.0	0.6	S76°E	2.89	2.0	NAVOCEANO AMAG Line 3
69.12	-16.16	18.0± 0.7	-0.1	0.6	S76°E	2.80	2.0	NAVOCEANO AMAG Line 5
69.09	-16.20	18.2± 1.4	0.2	0.2	S76°E	3.08	2.0	NGDC ID 01030157
68.64	-17.78	17.8± 0.7	-0.5	0.6	S76°E	2.64	2.0	NAVOCEANO AMAG Line 37
68.59	-17.80	18.2± 0.7	-0.1	0.6	S76°E	2.61	2.0	NAVOCEANO AMAG Line 27
68.54	-17.92	19.2± 0.7	0.9	0.6	S76°E	2.86	2.0	NAVOCEANO AMAG Line 36
68.49	-17.95	19.4± 1.4	1.2	0.1	S76°E	3.11	2.0	NAVOCEANO AMAG Line 26
68.45	-17.96	18.2± 1.4	-0.1	0.1	S76°E	2.88	2.0	NGDC ID 01030130
68.30	-18.08	18.4± 0.7	0.0	0.6	S76°E	2.63	2.0	NAVOCEANO AMAG Line 24
68.27	-18.09	18.4± 0.7	0.1	0.6	S76°E	3.07	2.0	NGDC ID 23060054
68.20	-18.15	18.4± 0.7	0.0	0.6	S76°E	2.74	2.0	NAVOCEANO AMAG Line 23
68.15	-18.23	18.2± 0.7	-0.2	0.6	S76°E	2.57	2.0	NAVOCEANO AMAG Line 32
68.09	-18.29	17.8± 0.7	-0.7	0.6	S76°E	2.61	2.0	NAVOCEANO AMAG Line 22
68.05	-18.27	17.8± 0.7	-0.7	0.6	S76°E	2.56	2.0	NAVOCEANO AMAG Line 31
68.00	-18.38	17.4± 0.7	-1.0	0.5	S76°E	3.01	2.0	NAVOCEANO AMAG Line 46
67.95	-18.40	17.8± 0.7	-0.6	0.5	S76°E	3.07	2.0	NAVOCEANO AMAG Line 51
67.89	-18.43	17.8± 0.7	-0.6	0.5	S76°E	3.05	2.0	NAVOCEANO AMAG Line 45
67.85	-18.47	17.6± 0.7	-0.8	0.5	S76°E	3.06	2.0	NAVOCEANO AMAG Line 50
67.84	-18.40	17.0± 1.4	-1.4	0.1	S76°E	3.12	2.0	NGDC ID 01030131
67.80	-18.49	17.4± 0.7	-1.0	0.5	S76°E	3.07	2.0	NAVOCEANO AMAG Line 44
67.75	-18.54	17.4± 0.7	-1.0	0.5	S76°E	3.06	2.0	NAVOCEANO AMAG Line 49
67.70	-18.55	17.8± 0.7	-0.7	0.5	S76°E	3.00	2.0	NAVOCEANO AMAG Line 43
67.67	-18.54	17.8± 0.7	-0.7	0.5	S76°E	3.02	2.0	NGDC ID 67010056
67.65	-18.58	17.6± 0.7	-0.9	0.5	S76°E	3.01	2.0	NAVOCEANO AMAG Line 48
67.60	-18.56	17.6± 0.7	-0.8	0.5	S76°E	3.13	2.0	NAVOCEANO AMAG Line 42
62.81	-25.04	20.6± 1.4	1.7	0.1	S54°E	2.71	5.0	NGDC ID 09620006
62.58	-25.54	19.0± 0.7	0.3	0.4	S54°E	3.00	5.0	NGDC ID 15050048
62.56	-25.51	18.2± 0.7	-0.5	0.4	S54°E	3.01	5.0	NGDC ID 09620006
62.09	-26.41	19.2± 0.7	0.4	0.4	S54°E	2.89	5.0	NGDC ID 01030087
62.05	-26.43	18.2± 0.7	-0.7	0.4	S54°E	2.79	5.0	Darwin 87 Line 32
62.00	-26.40	17.6± 0.7	-1.1	0.4	S54°E	3.15	5.0	Darwin 87 Line 31

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
61.99	-26.51	17.6± 0.7	-1.1	0.4	S54°E	3.04	5.0	<i>Darwin 87 Line 30</i>
61.97	-26.62	19.6± 1.4	0.8	0.1	S54°E	2.92	5.0	NGDC ID 09620006
61.94	-26.42	19.0± 0.7	0.2	0.4	S54°E	2.86	5.0	NGDC ID 01030086
61.93	-26.48	17.6± 0.7	-1.2	0.4	S54°E	2.88	5.0	<i>Darwin 87 Line 29</i>
61.93	-26.60	18.4± 0.7	-0.3	0.4	S54°E	3.01	5.0	NGDC ID 01030087
61.89	-26.60	18.8± 0.7	0.1	0.4	S54°E	3.03	5.0	<i>Darwin 87 Line 27</i>
61.87	-26.65	18.6± 0.7	-0.3	0.4	S54°E	2.78	5.0	<i>Darwin 87 Line 26</i>
61.85	-26.71	18.4± 0.7	-0.5	0.4	S54°E	2.79	5.0	<i>Darwin 87 Line 25</i>
61.82	-26.73	19.0± 0.7	0.1	0.4	S54°E	2.78	5.0	<i>Darwin 87 Line 24</i>
61.79	-26.74	18.4± 0.7	-0.4	0.4	S54°E	2.88	5.0	<i>Darwin 87 Line 23</i>
61.76	-26.77	18.2± 0.7	-0.6	0.4	S54°E	2.90	5.0	<i>Darwin 87 Line 22</i>
61.76	-26.92	17.8± 0.7	-0.9	0.4	S54°E	2.99	5.0	NGDC ID 01030087
61.73	-26.80	18.6± 0.7	-0.3	0.4	S54°E	2.81	5.0	<i>Darwin 87 Line 21</i>
61.73	-26.90	18.0± 0.7	-0.8	0.4	S54°E	2.86	5.0	<i>Darwin 87 Line 20</i>
61.71	-26.97	17.4± 1.4	-1.4	0.1	S54°E	2.99	5.0	<i>Darwin 87 Line 19</i>
61.66	-26.94	18.0± 0.7	-0.8	0.4	S54°E	2.97	5.0	<i>Darwin 87 Line 18</i>
61.64	-26.98	18.6± 0.7	-0.3	0.4	S54°E	2.78	5.0	<i>Darwin 87 Line 17</i>
61.62	-27.05	18.2± 0.7	-0.6	0.4	S54°E	2.88	5.0	<i>Darwin 87 Line 16</i>
61.59	-27.05	18.2± 0.7	-0.6	0.4	S54°E	2.89	5.0	<i>Darwin 87 Line 15</i>
61.57	-27.02	18.4± 0.7	-0.4	0.4	S54°E	3.03	5.0	NGDC ID 01030087
61.56	-27.08	18.6± 0.7	-0.2	0.4	S54°E	2.88	5.0	<i>Darwin 87 Line 14</i>
61.52	-27.11	18.4± 0.7	-0.4	0.4	S54°E	2.95	5.0	<i>Darwin 87 Line 13</i>
61.50	-27.18	18.4± 0.7	-0.4	0.4	S54°E	3.02	5.0	NGDC ID 09620007
61.49	-27.14	18.6± 1.4	-0.3	0.1	S54°E	2.82	5.0	<i>Darwin 87 Line 12</i>
61.46	-27.18	18.6± 1.4	-0.2	0.1	S54°E	2.92	5.0	<i>Darwin 87 Line 11</i>
61.44	-27.23	19.4± 1.4	0.5	0.1	S54°E	2.77	5.0	<i>Darwin 87 Line 10</i>
61.42	-27.40	18.4± 1.4	-0.4	0.1	S54°E	2.95	5.0	<i>Darwin 87 Line 8</i>
61.41	-27.27	18.2± 1.4	-0.6	0.1	S54°E	2.94	5.0	<i>Darwin 87 Line 9</i>
61.38	-27.41	18.2± 1.4	-0.6	0.1	S54°E	3.05	5.0	<i>Darwin 87 Line 7</i>
61.37	-27.35	18.6± 0.7	-0.2	0.4	S54°E	2.99	5.0	NGDC ID 01030087
61.35	-27.44	18.4± 1.4	-0.4	0.1	S54°E	2.99	5.0	<i>Darwin 87 Line 6</i>
61.31	-27.45	18.8± 1.4	0.0	0.1	S54°E	2.97	5.0	<i>Darwin 87 Line 5</i>
61.29	-27.50	19.4± 1.4	0.4	0.1	S54°E	2.72	5.0	<i>Darwin 87 Line 4</i>
61.27	-27.58	19.6± 1.4	0.6	0.1	S54°E	2.65	5.0	<i>Darwin 87 Line 3</i>
61.24	-27.62	18.2± 1.4	-0.7	0.1	S54°E	2.81	5.0	<i>Darwin 87 Line 2</i>
61.20	-27.65	18.2± 1.4	-0.7	0.1	S54°E	2.86	5.0	<i>Darwin 87 Line 1</i>
61.17	-27.69	18.2± 0.7	-0.7	0.4	S54°E	2.91	5.0	<i>Darwin 87 Line 127</i>
61.13	-27.71	18.4± 0.7	-0.5	0.4	S54°E	2.83	5.0	<i>Darwin 87 Line 126</i>
61.13	-27.83	18.6± 0.7	-0.3	0.4	S54°E	2.85	5.0	<i>Darwin 87 Line 125</i>
61.09	-27.85	18.8± 0.7	-0.1	0.4	S54°E	2.78	5.0	<i>Darwin 87 Line 124</i>
61.07	-27.92	19.0± 0.7	0.1	0.4	S54°E	2.85	5.0	<i>Darwin 87 Line 123</i>
61.07	-27.89	18.8± 0.7	0.0	0.4	S54°E	3.04	5.0	NGDC ID 01030087
61.03	-27.94	19.2± 0.7	0.2	0.4	S54°E	2.73	5.0	<i>Darwin 87 Line 122</i>
61.02	-28.03	19.2± 0.7	0.3	0.4	S54°E	2.78	5.0	<i>Darwin 87 Line 121</i>
60.98	-28.05	18.6± 0.7	-0.3	0.4	S54°E	2.81	5.0	<i>Darwin 87 Line 120</i>
60.95	-28.09	19.0± 0.7	0.1	0.4	S54°E	2.76	5.0	<i>Darwin 87 Line 119</i>
60.92	-28.10	18.0± 0.7	-0.8	0.4	S54°E	3.05	5.0	NGDC ID 09620007
60.90	-28.10	19.0± 0.7	0.1	0.4	S54°E	2.80	5.0	<i>Darwin 87 Line 118</i>
60.89	-28.18	19.0± 0.7	0.1	0.4	S54°E	2.80	5.0	<i>Darwin 87 Line 117</i>
60.85	-28.21	18.8± 0.7	-0.1	0.4	S54°E	2.78	5.0	<i>Darwin 87 Line 116</i>
60.83	-28.28	18.8± 0.7	-0.1	0.4	S54°E	2.84	5.0	<i>Darwin 87 Line 115</i>
60.77	-28.36	18.6± 0.7	-0.3	0.4	S54°E	2.81	5.0	<i>Darwin 87 Line 113</i>
60.74	-28.48	18.6± 0.7	-0.1	0.4	S54°E	3.12	5.0	NGDC ID 01030087
60.73	-28.37	18.8± 0.7	-0.1	0.4	S54°E	2.80	5.0	<i>Darwin 87 Line 112</i>
60.71	-28.44	18.6± 0.7	-0.3	0.4	S54°E	2.86	5.0	<i>Darwin 87 Line 111</i>
60.68	-28.50	18.8± 0.7	-0.1	0.4	S54°E	2.81	5.0	<i>Darwin 87 Line 110</i>
60.65	-28.53	19.0± 0.7	0.1	0.4	S54°E	2.82	5.0	<i>Darwin 87 Line 109</i>
60.61	-28.55	19.0± 0.7	0.0	0.4	S54°E	2.76	5.0	<i>Darwin 87 Line 108</i>
60.60	-28.63	19.2± 0.7	0.2	0.4	S54°E	2.73	5.0	<i>Darwin 87 Line 107</i>
60.55	-28.63	19.2± 0.7	0.2	0.4	S54°E	2.73	5.0	<i>Darwin 87 Line 106</i>
60.55	-28.62	18.6± 0.7	-0.2	0.4	S54°E	3.01	5.0	NGDC ID 01030158
60.54	-28.74	18.0± 0.7	-0.8	0.4	S54°E	3.06	5.0	NGDC ID 01030087
60.53	-28.67	19.6± 1.1	0.7	0.2	S54°E	2.94	5.0	<i>Russian LD850530</i>
60.52	-28.67	18.6± 0.7	-0.3	0.4	S54°E	2.86	5.0	<i>Darwin 87 Line 104</i>
60.48	-28.69	18.0± 0.7	-0.9	0.4	S54°E	2.90	5.0	<i>Darwin 87 Line 103</i>
60.45	-28.74	18.4± 0.7	-0.5	0.4	S54°E	2.83	5.0	<i>Darwin 87 Line 102</i>

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
60.42	-28.90	18.4± 0.7	-0.4	0.4	S54°E	3.06	5.0	Russian LD850460
60.41	-28.74	18.8± 0.7	-0.1	0.4	S54°E	2.85	5.0	Darwin 87 Line 101
60.38	-28.92	19.2± 0.7	0.2	0.4	S54°E	2.79	5.0	Darwin 87 Line 99
60.38	-28.79	18.8± 0.7	-0.1	0.4	S54°E	2.85	5.0	Darwin 87 Line 100
60.36	-28.93	18.4± 0.7	-0.4	0.4	S54°E	3.08	5.0	NGDC ID 01030087
60.35	-28.94	19.4± 0.7	0.5	0.4	S54°E	2.81	5.0	Darwin 87 Line 98
60.32	-28.96	19.0± 0.7	0.2	0.4	S54°E	3.08	5.0	Russian LD850470
60.32	-28.96	18.2± 0.7	-0.6	0.4	S54°E	3.10	5.0	NGDC ID 09620007
60.31	-28.97	19.6± 0.7	0.6	0.4	S54°E	2.76	5.0	Darwin 87 Line 97
60.28	-29.02	19.4± 0.7	0.5	0.4	S54°E	2.90	5.0	Darwin 87 Line 96
60.26	-29.08	18.8± 0.7	-0.1	0.4	S54°E	2.98	5.0	Darwin 87 Line 95
60.24	-29.14	18.6± 0.7	-0.2	0.4	S54°E	3.05	5.0	Russian LD850370
60.23	-29.15	18.8± 0.7	-0.1	0.4	S54°E	2.81	5.0	NGDC ID 01030087
60.23	-29.14	18.6± 0.7	-0.2	0.4	S54°E	2.97	5.0	Darwin 87 Line 94
60.20	-29.16	18.6± 0.7	-0.3	0.4	S54°E	2.94	5.0	Darwin 87 Line 93
60.16	-29.19	18.6± 0.7	-0.3	0.4	S54°E	2.98	5.0	Darwin 87 Line 92
60.15	-29.26	18.4± 0.7	-0.5	0.4	S54°E	2.87	5.0	Darwin 87 Line 91
60.15	-29.26	18.6± 0.7	-0.2	0.4	S54°E	3.05	5.0	Russian LD850360
60.12	-29.31	18.4± 0.7	-0.5	0.4	S54°E	2.89	5.0	Darwin 87 Line 90
60.08	-29.36	19.0± 0.7	0.1	0.4	S54°E	2.82	5.0	Darwin 87 Line 89
60.06	-29.37	18.8± 0.7	-0.1	0.4	S54°E	2.95	5.0	NGDC ID 01030086
60.06	-29.39	19.0± 0.7	0.2	0.4	S54°E	3.02	5.0	Russian LD850340
60.05	-29.40	18.6± 0.7	-0.3	0.4	S54°E	2.96	5.0	Darwin 87 Line 88
60.01	-29.41	19.0± 0.7	0.1	0.4	S54°E	2.99	5.0	NGDC ID 01030087
60.00	-29.41	19.0± 0.7	0.1	0.4	S54°E	2.91	5.0	Darwin 87 Line 87
59.99	-29.50	19.2± 0.7	0.3	0.4	S54°E	2.88	5.0	Darwin 87 Line 86
59.96	-29.52	18.0± 0.7	-0.8	0.4	S54°E	3.15	5.0	Russian LD850350
59.95	-29.52	19.4± 0.7	0.4	0.4	S54°E	2.83	5.0	Darwin 87 Line 85
59.95	-29.53	19.4± 0.7	0.5	0.4	S54°E	3.00	5.0	Russian LD851260
59.92	-29.57	19.6± 0.7	0.7	0.4	S54°E	2.85	5.0	Darwin 87 Line 84
59.91	-29.57	19.4± 0.7	0.6	0.4	S54°E	3.03	5.0	Russian LD851261
59.88	-29.62	19.2± 0.7	0.2	0.4	S54°E	2.83	5.0	Darwin 87 Line 83
59.87	-29.70	18.8± 0.7	-0.1	0.4	S54°E	2.96	5.0	Russian LD850910
59.87	-29.61	18.6± 0.7	-0.2	0.4	S54°E	3.08	5.0	Russian LD850320
59.86	-29.70	19.2± 0.7	0.3	0.4	S54°E	2.87	5.0	Darwin 87 Line 82
59.82	-29.72	19.4± 0.7	0.4	0.4	S54°E	2.81	5.0	Darwin 87 Line 81
59.79	-29.78	18.2± 0.7	-0.7	0.4	S54°E	2.98	5.0	Darwin 87 Line 80
59.78	-29.80	19.2± 0.7	0.3	0.4	S54°E	3.00	5.0	Russian LD850310
59.76	-29.78	20.0± 0.7	1.1	0.4	S54°E	3.00	5.0	NGDC ID 09620007
59.75	-29.79	18.4± 0.7	-0.5	0.4	S54°E	2.92	5.0	Darwin 87 Line 79
59.72	-29.85	19.0± 0.7	0.0	0.4	S54°E	2.83	5.0	Darwin 87 Line 78
59.68	-29.89	19.2± 0.7	0.2	0.4	S54°E	2.80	5.0	Darwin 87 Line 77
59.68	-29.86	18.2± 0.7	-0.6	0.4	S54°E	3.15	5.0	Russian LD850020
59.66	-29.98	19.0± 0.7	0.0	0.4	S54°E	2.84	5.0	Darwin 87 Line 76
59.63	-30.02	18.6± 0.7	-0.3	0.4	S54°E	2.87	5.0	Darwin 87 Line 75
59.59	-30.05	19.2± 0.7	0.2	0.4	S54°E	2.74	5.0	Darwin 87 Line 74
59.58	-30.01	18.8± 1.1	-0.1	0.2	S54°E	3.03	5.0	Russian LD850050
59.57	-30.13	19.4± 0.7	0.4	0.4	S54°E	2.78	5.0	Darwin 87 Line 73
59.53	-30.02	18.4± 0.7	-0.5	0.4	S54°E	2.99	5.0	Russian LD851220
59.50	-30.12	17.6± 1.1	-1.2	0.2	S54°E	3.08	5.0	Russian LD850010
59.47	-30.12	19.0± 0.7	0.1	0.4	S54°E	2.89	5.0	Darwin 87 Line 69
59.45	-30.20	19.0± 0.7	0.0	0.4	S54°E	2.88	5.0	Darwin 87 Line 70
59.43	-30.15	19.0± 0.7	0.0	0.4	S54°E	2.86	5.0	Darwin 87 Line 68
59.43	-30.26	18.4± 0.7	-0.5	0.4	S54°E	2.98	5.0	Darwin 87 Line 67
59.41	-30.13	19.0± 1.4	0.0	0.1	S54°E	2.89	5.0	Russian IK800020
59.39	-30.31	19.0± 0.7	0.0	0.4	S54°E	2.81	5.0	Darwin 87 Line 66
59.35	-30.34	18.4± 0.7	-0.6	0.4	S54°E	2.90	5.0	Darwin 87 Line 65
59.33	-30.26	19.2± 1.1	0.2	0.2	S54°E	2.92	5.0	Russian IK800031
59.33	-30.43	18.2± 0.7	-0.7	0.5	S54°E	2.94	5.0	Darwin 87 Line 64
59.29	-30.44	18.2± 0.7	-0.8	0.5	S54°E	2.83	5.0	Darwin 87 Line 63
59.26	-30.48	18.8± 0.7	-0.1	0.5	S54°E	2.92	5.0	Darwin 87 Line 62
59.25	-30.49	19.8± 1.1	0.8	0.2	S54°E	2.79	5.0	Russian IK800040
59.17	-30.53	19.2± 0.7	0.3	0.5	S54°E	2.96	5.0	Darwin 87 Line 60
59.17	-30.65	18.2± 0.7	-0.7	0.5	S54°E	3.05	5.0	Russian IK800051
59.15	-30.63	19.2± 0.7	0.2	0.5	S54°E	2.84	5.0	Darwin 87 Line 59
59.12	-30.68	18.8± 0.7	-0.2	0.5	S54°E	2.88	5.0	Darwin 87 Line 58

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
59.09	-30.70	19.8± 1.1	0.8	0.2	S54°E	2.90	5.0	Russian IK800060
59.07	-30.70	18.4± 0.7	-0.5	0.5	S54°E	2.94	5.0	Darwin 87 Line 57
59.04	-30.79	18.2± 0.7	-0.7	0.5	S54°E	2.99	5.0	Darwin 87 Line 56
59.01	-30.85	18.6± 0.7	-0.4	0.5	S54°E	2.91	5.0	Darwin 87 Line 55
58.97	-30.89	19.4± 0.7	0.4	0.5	S54°E	2.88	5.0	Darwin 87 Line 54
58.94	-30.95	19.8± 0.7	0.8	0.5	S54°E	2.77	5.0	Darwin 87 Line 53
58.90	-30.96	19.0± 1.1	0.0	0.2	S54°E	2.93	5.0	Russian IK800080
58.89	-30.97	18.8± 0.7	-0.2	0.5	S54°E	2.85	5.0	Darwin 87 Line 52
58.87	-31.07	18.6± 0.7	-0.3	0.5	S54°E	2.94	5.0	Darwin 87 Line 51
58.83	-31.09	17.6± 1.1	-1.3	0.2	S54°E	3.10	5.0	Russian IK800090
58.79	-31.15	20.2± 0.7	1.2	0.5	S54°E	2.83	5.0	Darwin 87 Line 49
58.74	-31.19	19.2± 0.7	0.1	0.5	S54°E	2.76	5.0	Darwin 87 Line 48
58.74	-31.16	18.6± 1.1	-0.3	0.2	S54°E	3.03	5.0	Russian IK800100
58.73	-31.29	18.6± 0.7	-0.3	0.5	S54°E	2.99	5.0	Darwin 87 Line 47
58.69	-31.32	18.6± 0.7	-0.3	0.5	S54°E	2.95	5.0	Darwin 87 Line 46
58.66	-31.33	18.4± 0.7	-0.5	0.5	S54°E	2.99	5.0	Darwin 87 Line 45
58.65	-31.32	20.2± 1.1	1.2	0.2	S54°E	2.89	5.0	Russian IK800110
58.61	-31.38	18.6± 0.7	-0.3	0.5	S54°E	2.98	5.0	Darwin 87 Line 44
58.58	-31.44	18.0± 0.7	-0.9	0.5	S54°E	3.04	5.0	Darwin 87 Line 43
58.57	-31.51	20.4± 0.7	1.4	0.5	S54°E	2.94	5.0	Russian IK800120
58.53	-31.47	18.0± 0.7	-0.9	0.5	S54°E	3.00	5.0	Darwin 87 Line 42
58.52	-31.57	19.0± 0.7	0.0	0.5	S54°E	2.91	5.0	Darwin 87 Line 41
58.50	-31.57	18.6± 0.7	-0.3	0.5	S54°E	3.06	5.0	Russian IK800130
58.48	-31.59	19.2± 0.7	0.1	0.5	S54°E	2.75	5.0	Darwin 87 Line 40
58.43	-31.61	19.0± 0.7	-0.1	0.5	S54°E	2.81	5.0	Darwin 87 Line 39
58.42	-31.60	19.0± 0.7	0.1	0.5	S54°E	3.14	5.0	Russian IK800140
58.40	-31.71	19.4± 0.7	0.3	0.5	S54°E	2.72	5.0	Darwin 87 Line 38
58.38	-31.80	19.0± 0.7	-0.1	0.5	S54°E	2.71	5.0	Darwin 87 Line 37
58.34	-31.85	19.2± 1.1	0.3	0.2	S54°E	3.07	5.0	Russian IK800151
58.33	-31.83	18.6± 0.7	-0.4	0.5	S54°E	2.83	5.0	Darwin 87 Line 36
58.30	-31.88	18.4± 0.7	-0.7	0.5	S54°E	2.68	5.0	Darwin 87 Line 35
58.27	-31.94	18.4± 0.7	-0.7	0.5	S54°E	2.79	5.0	Darwin 87 Line 34
58.25	-31.87	19.8± 1.1	0.9	0.2	S54°E	3.06	5.0	Russian IK800160
58.16	-32.05	19.2± 0.7	0.1	0.5	S54°E	2.79	5.0	Darwin 87 Line 33
58.09	-32.04	18.8± 1.1	-0.1	0.2	S54°E	3.01	5.0	Russian IK800180
58.00	-32.15	19.8± 1.1	0.8	0.2	S54°E	2.90	5.0	Russian IK800190
57.83	-32.42	19.2± 1.4	0.3	0.1	S54°E	3.07	5.0	Russian IK800210
57.76	-32.69	19.2± 0.7	0.3	0.5	S54°E	3.01	5.0	Russian IK800220
57.66	-32.74	19.0± 1.1	0.0	0.2	S54°E	2.95	5.0	Russian IK800230
57.59	-32.72	19.6± 0.7	0.7	0.5	S54°E	3.11	5.0	Russian IK800240
57.48	-32.92	19.0± 1.1	0.1	0.2	S54°E	3.09	5.0	Russian IK800250
57.42	-33.00	19.0± 0.7	0.1	0.5	S54°E	3.06	5.0	Russian IK800260
57.33	-33.19	20.2± 1.4	1.3	0.1	S54°E	3.07	5.0	Russian IK800270
57.25	-33.14	20.8± 1.1	1.9	0.2	S54°E	3.06	5.0	Russian IK800280
57.09	-33.52	18.0± 1.4	-1.0	0.1	S54°E	2.95	5.0	Russian IK800300
57.00	-33.59	18.6± 1.1	-0.4	0.2	S54°E	3.00	5.0	Russian IK800310
54.63	-35.28	22.4± 0.7	-0.1	0.5	N90°E	3.04	5.0	Russian AK890110
54.57	-35.22	23.0± 1.1	0.4	0.2	N90°E	2.96	5.0	Russian AK890130
54.52	-35.25	23.0± 1.1	0.4	0.2	N90°E	2.95	5.0	Russian AK890120
54.49	-35.17	23.4± 1.1	0.8	0.2	N90°E	3.04	5.0	Russian AK890140
54.44	-35.19	22.6± 0.7	0.0	0.5	N90°E	2.99	5.0	Russian AK890160
54.40	-35.26	21.4± 0.7	-1.1	0.5	N90°E	3.11	5.0	Russian AK890350
54.34	-35.17	22.4± 0.7	-0.2	0.5	N90°E	2.95	5.0	Russian AK890200
54.30	-35.14	21.6± 0.7	-1.0	0.5	N90°E	2.99	5.0	Russian AK890340
54.25	-35.11	21.6± 1.1	-1.1	0.2	N90°E	2.94	5.0	Russian AK890210
54.21	-35.14	23.2± 1.1	0.5	0.2	S85°E	2.99	5.0	Russian AK890380
54.17	-35.15	22.6± 1.1	-0.0	0.2	S85°E	3.07	5.0	Russian AK890220
54.12	-35.19	22.8± 1.1	0.2	0.2	S85°E	3.04	5.0	Russian AK890370
54.09	-35.22	23.0± 1.1	0.3	0.2	S85°E	3.01	5.0	Russian AK890230
54.03	-35.24	22.4± 0.7	-0.2	0.5	S85°E	3.07	5.0	Russian AK890330
53.99	-35.25	22.4± 1.1	-0.3	0.2	S85°E	3.03	5.0	Russian AK890240
53.94	-35.26	22.8± 0.7	0.1	0.5	S85°E	3.02	5.0	Russian AK890320
53.90	-35.28	22.4± 0.7	-0.3	0.5	S85°E	3.03	5.0	Russian AK890250
53.84	-35.36	22.6± 0.7	-0.1	0.5	S85°E	3.01	5.0	Russian AK890310
53.81	-35.29	22.2± 0.7	-0.5	0.5	S85°E	3.03	5.0	Russian AK890260
53.77	-35.33	22.0± 0.7	-0.7	0.5	S85°E	3.08	5.0	Russian AK890300

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
53.71	-35.30	23.0± 1.1	0.2	0.2	S85°E	2.95	5.0	Russian AK890270
53.67	-35.29	23.4± 1.1	0.6	0.2	S85°E	2.92	5.0	Russian AK890290
53.59	-35.30	23.0± 1.1	0.2	0.2	S85°E	2.93	5.0	Russian AK890280
53.54	-35.29	22.8± 1.1	0.0	0.3	N90°E	3.01	5.0	Russian AK890540
53.49	-35.31	21.8± 1.1	-0.8	0.3	N90°E	3.26	5.0	Russian AK890520
53.44	-35.33	22.2± 0.7	-0.5	0.6	N90°E	3.08	5.0	Russian AK890550
53.35	-35.42	21.4± 1.4	-1.2	0.1	N90°E	3.32	5.0	Russian AK890580
53.31	-35.37	22.6± 1.1	-0.2	0.3	N90°E	2.99	5.0	Russian AK890560
53.27	-35.36	21.4± 0.7	-1.4	0.6	N90°E	3.10	5.0	Russian AK890660
53.22	-35.19	21.0± 0.7	-1.8	0.6	N90°E	3.07	5.0	Russian AK890570
53.17	-35.21	22.0± 1.1	-0.8	0.3	N90°E	3.12	5.0	Russian AK890670
53.13	-35.23	22.6± 1.1	-0.2	0.3	N90°E	2.99	5.0	Russian AK890650
53.08	-35.21	23.2± 1.1	0.3	0.3	N90°E	2.96	5.0	Russian AK890720
53.04	-35.20	23.2± 1.1	0.3	0.3	N90°E	2.93	5.0	Russian AK890640
52.99	-35.17	23.0± 1.1	0.1	0.3	N90°E	2.89	5.0	Russian AK890970
52.00	-30.06	21.6± 0.7	-0.4	0.6	S85°E	3.05	2.0	Russian AK891280
51.95	-30.05	21.8± 0.7	-0.2	0.6	S85°E	3.02	2.0	Russian AK891380
51.91	-30.04	22.4± 0.7	0.4	0.6	S85°E	3.05	2.0	Russian AK891290
51.87	-30.05	22.4± 0.7	0.4	0.6	S85°E	2.98	2.0	Russian AK891390
51.82	-30.06	22.0± 0.7	-0.0	0.6	S85°E	3.06	2.0	Russian AK891400
51.78	-30.00	22.0± 0.7	-0.0	0.6	S85°E	3.07	2.0	Russian AK891410
51.73	-30.02	22.4± 1.1	0.3	0.3	S85°E	2.99	2.0	Russian AK891420
51.68	-30.03	21.6± 1.1	-0.5	0.3	S85°E	3.05	2.0	Russian AK891570
51.65	-30.04	21.8± 1.1	-0.3	0.3	S85°E	2.95	2.0	Russian AK891430
51.59	-29.99	23.2± 1.1	1.1	0.3	S85°E	2.86	2.0	Russian AK891580
51.54	-29.92	23.8± 1.1	1.7	0.3	S85°E	2.91	2.0	Russian AK891740
51.52	-29.92	23.0± 1.1	0.9	0.3	S85°E	2.97	2.0	Russian AK891750
51.47	-29.92	23.2± 0.7	1.1	0.6	S85°E	3.08	2.0	Russian AK891730
51.42	-29.94	23.4± 0.7	1.3	0.6	S85°E	3.02	2.0	Russian AK891660
51.37	-29.92	23.0± 1.1	0.9	0.3	S85°E	3.04	2.0	Russian AK891650
51.33	-29.93	23.2± 1.1	1.1	0.3	S85°E	2.92	2.0	Russian AK891640
51.28	-29.97	24.0± 1.4	1.8	0.2	S85°E	2.76	2.0	Russian AK891530
51.23	-30.01	23.8± 1.4	1.6	0.2	S85°E	2.76	2.0	Russian AK891630
51.19	-30.01	23.4± 1.4	1.2	0.2	S85°E	2.81	2.0	Russian AK890060
51.09	-29.93	22.8± 1.1	0.6	0.3	S85°E	2.97	2.0	Russian IK890360
51.05	-29.84	20.8± 1.4	-1.4	0.2	S85°E	2.89	2.0	Russian IK890041
50.95	-29.83	21.6± 1.1	2.6	0.6	N64°E	3.04	2.0	Russian IK890050
50.88	-29.88	20.6± 1.4	1.6	0.3	N64°E	3.15	2.0	NGDC ID 09050039
50.76	-29.66	21.8± 1.1	2.8	0.6	N64°E	3.00	2.0	Russian IK890070
50.68	-29.68	21.0± 1.1	1.9	0.6	N64°E	2.87	2.0	Russian IK890080
50.58	-29.56	19.8± 1.4	0.7	0.4	N64°E	2.87	2.0	Russian IK890270
50.49	-29.48	20.8± 1.4	1.7	0.4	N64°E	2.73	2.0	Russian IK890290
50.21	-29.05	22.8± 1.4	0.9	0.2	N85°E	2.93	2.0	Russian IK890220
50.17	-29.19	22.2± 1.1	0.3	0.4	N85°E	2.94	2.0	Russian IK890500
50.12	-29.06	23.4± 1.1	1.4	0.4	N85°E	2.85	2.0	Russian IK890210
50.01	-29.06	25.0± 1.4	3.0	0.2	N85°E	2.84	2.0	NGDC ID 09050071
49.93	-28.96	23.6± 1.4	1.7	0.2	N85°E	2.97	2.0	NGDC ID 09050068
49.85	-28.90	26.0± 1.4	4.5	0.3	N80°E	2.82	2.0	NGDC ID 09050071
49.61	-28.67	24.4± 1.4	2.9	0.3	N80°E	3.11	2.0	NGDC ID 09050071
49.58	-28.50	23.8± 1.1	2.2	0.5	N80°E	2.76	2.0	Russian IK890170
49.54	-28.44	23.2± 1.1	1.7	0.5	N80°E	3.08	2.0	Russian IK890430
49.48	-28.41	22.0± 1.1	0.4	0.5	N80°E	2.85	2.0	Russian IK890160
49.44	-28.40	22.0± 1.1	0.5	0.5	N80°E	3.00	2.0	Russian IK890420
49.40	-28.40	22.6± 0.7	1.0	1.1	N80°E	2.95	2.0	Russian IK890140
49.33	-28.37	23.2± 1.4	1.6	0.3	N80°E	2.70	2.0	NGDC ID 09050071
49.26	-28.30	19.8± 1.4	-1.8	0.3	N80°E	3.04	2.0	Russian IK890410
49.21	-28.32	21.2± 0.7	-0.4	1.1	N80°E	2.92	2.0	Russian IK890120
49.15	-28.29	22.6± 1.4	1.0	0.3	N80°E	2.83	2.0	Russian IK890260
49.11	-28.28	22.6± 1.4	1.0	0.3	N80°E	3.05	2.0	NGDC ID 09050071
49.10	-28.20	22.4± 1.1	0.8	0.5	N80°E	3.13	2.0	Russian IK890110
49.06	-28.22	22.0± 1.4	0.4	0.3	N80°E	3.14	2.0	NGDC ID 67010193
49.03	-28.21	21.8± 1.1	0.2	0.5	N80°E	2.95	2.0	Russian IK890100
46.85	-27.36	22.6± 0.7	0.1	0.7	S74°E	2.79	2.0	NGDC ID 01010244
46.81	-27.35	22.8± 0.7	0.3	0.7	S74°E	2.80	2.0	NGDC ID 01010244
46.79	-27.34	22.8± 0.7	0.3	0.7	S74°E	3.05	2.0	NGDC ID 01010244
46.77	-27.33	22.8± 0.7	0.3	0.7	S74°E	3.05	2.0	NGDC ID 01010244

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
46.70	-27.32	22.8± 0.7	0.3	0.7	S74°E	2.93	2.0	NGDC ID 01010244
46.64	-27.30	22.4± 0.7	-0.1	0.7	S74°E	2.93	2.0	NGDC ID 01010244
45.73	-27.74	24.2± 1.4	1.6	0.2	S74°E	3.03	2.0	Canadian Geodetic Survey Line 1
44.84	-28.07	22.0± 0.7	-0.7	0.8	S74°E	3.07	2.0	TRIATNORD: Line 10
44.71	-28.12	22.8± 0.7	0.1	0.8	S74°E	2.93	2.0	TRIATNORD: Line 9
44.62	-28.17	24.0± 1.4	1.3	0.2	S74°E	2.94	2.0	TRIATNORD: Line 8
44.60	-28.17	25.6± 1.4	2.9	0.2	S74°E	2.95	2.0	NGDC ID 02020013
44.50	-28.25	23.6± 1.4	0.8	0.2	S74°E	2.74	2.0	TRIATNORD: Line 7
44.39	-28.21	23.0± 1.4	0.2	0.2	S74°E	2.82	2.0	TRIATNORD: Line 6
44.28	-28.31	24.4± 0.7	1.6	0.8	S74°E	2.85	2.0	TRIATNORD: Line 5
44.17	-28.36	21.8± 0.7	-0.9	0.8	S74°E	3.10	2.0	TRIATNORD: Line 4
44.15	-28.31	23.0± 1.4	0.4	0.2	S74°E	3.66	2.0	NGDC ID 02020013
44.06	-28.39	22.6± 1.4	-0.1	0.2	S74°E	3.06	2.0	TRIATNORD: Line 3
43.94	-28.40	22.4± 1.4	-0.4	0.2	S74°E	3.07	2.0	TRIATNORD: Line 2
43.86	-28.39	23.2± 0.7	0.4	0.9	S74°E	3.05	2.0	NGDC ID 01010147
43.85	-28.43	25.4± 0.7	2.6	0.9	S74°E	2.77	2.0	NGDC ID 02010033
43.82	-28.57	23.6± 1.4	0.9	0.2	S74°E	3.35	2.0	NGDC ID 02020013
43.81	-28.45	23.4± 1.4	0.6	0.2	S74°E	2.82	2.0	TRIATNORD: Line 1
43.69	-28.64	25.0± 1.4	2.2	0.2	S75°E	3.21	2.0	NGDC ID 02010033
43.46	-28.76	23.6± 1.4	0.7	0.2	S75°E	3.05	2.0	TRIATNORD: Line 11
43.38	-28.98	21.6± 0.7	-1.3	0.9	S75°E	2.97	2.0	TRIATNORD: Line 12
43.35	-28.95	23.8± 0.7	0.9	0.9	S75°E	2.99	2.0	NGDC ID 02020013
43.25	-29.00	23.4± 1.4	0.5	0.2	S75°E	3.05	2.0	NGDC ID 02020013
43.07	-29.16	22.4± 0.7	-0.5	0.9	S75°E	3.19	2.0	NGDC ID 02020013
43.04	-29.13	24.8± 0.7	1.9	0.9	S75°E	2.98	2.0	TRIATNORD: Line 14
43.04	-29.19	24.0± 0.7	1.1	0.9	S75°E	3.01	2.0	NGDC ID 02020013
42.99	-29.27	24.2± 0.7	1.3	0.9	S75°E	2.97	2.0	NGDC ID 02020013
42.96	-29.31	24.0± 0.7	0.8	1.2	N90°E	2.94	2.0	TRIATNORD: Line 15
42.88	-29.33	23.6± 0.7	0.5	1.2	N90°E	3.06	2.0	NGDC ID 02020013
42.86	-29.32	23.4± 0.7	0.2	1.2	N90°E	2.99	2.0	TRIATNORD: Line 16
42.76	-29.32	23.4± 0.7	0.2	1.2	N90°E	2.99	2.0	TRIATNORD: Line 17
42.65	-29.31	23.2± 0.7	-0.0	1.2	N90°E	2.83	2.0	TRIATNORD: Line 18
42.56	-29.34	23.0± 0.7	-0.2	1.2	N90°E	2.86	2.0	TRIATNORD: Line 19
42.51	-29.31	22.6± 1.4	-0.6	0.3	N90°E	3.02	2.0	NGDC ID 01030121
42.46	-29.28	23.6± 0.7	0.4	1.2	N90°E	2.92	2.0	TRIATNORD: Line 20
42.37	-29.28	24.4± 0.7	1.2	1.2	N90°E	3.00	2.0	TRIATNORD: Line 21
42.35	-29.39	22.8± 0.7	-0.4	1.2	N90°E	2.96	2.0	NGDC ID 02010033
42.30	-29.36	22.0± 1.4	-1.2	0.3	N90°E	3.15	2.0	NGDC ID 01030121
42.26	-29.21	23.8± 0.7	0.6	1.2	N90°E	2.94	2.0	TRIATNORD: Line 22
42.25	-29.20	24.0± 1.4	0.8	0.3	N90°E	2.95	2.0	NGDC ID 02010033
42.19	-29.30	22.8± 1.4	-0.4	0.3	N90°E	3.13	2.0	NGDC ID 01030121
42.16	-29.22	22.6± 0.7	-0.6	1.2	N90°E	3.21	2.0	TRIATNORD: Line 23
42.10	-29.28	20.8± 0.7	-2.4	1.2	N90°E	3.18	2.0	NGDC ID 02010033
42.05	-29.24	23.0± 0.7	-0.2	1.2	N90°E	3.11	2.0	TRIATNORD: Line 24
42.00	-29.30	23.2± 0.7	-0.0	1.2	N90°E	3.01	2.0	NGDC ID 02010033
41.96	-29.19	23.8± 0.7	0.6	1.2	N90°E	3.03	2.0	TRIATNORD: Line 25
41.88	-29.21	23.6± 0.7	0.3	1.2	N90°E	3.00	2.0	TRIATNORD: Line 26
41.72	-29.27	23.8± 0.7	0.5	1.2	N90°E	2.93	2.0	TRIATNORD: Line 27
41.71	-29.26	24.2± 0.7	1.0	1.2	N90°E	3.12	2.0	NGDC ID 15050094
41.66	-29.44	21.4± 0.7	-1.8	1.2	N90°E	3.21	2.0	NGDC ID 02010033
41.63	-29.19	23.6± 0.7	0.3	1.3	N90°E	3.00	2.0	TRIATNORD: Line 28
41.56	-29.36	22.8± 0.7	-0.5	1.3	N90°E	3.10	2.0	TRIATNORD: Line 29
41.47	-29.27	22.6± 0.7	-0.7	1.3	N90°E	3.05	2.0	TRIATNORD: Line 30
41.39	-29.31	22.8± 0.7	-0.5	1.3	N90°E	3.22	2.0	TRIATNORD: Line 31
41.22	-29.32	24.0± 0.7	0.7	1.3	N90°E	3.04	2.0	TRIATNORD: Line 32
41.14	-29.33	22.8± 0.7	-0.5	1.3	N90°E	3.09	2.0	TRIATNORD: Line 33
41.05	-29.27	22.6± 0.7	-0.7	1.3	N90°E	3.09	2.0	TRIATNORD: Line 34
40.97	-29.27	22.6± 0.7	-0.7	1.3	N90°E	3.09	2.0	TRIATNORD: Line 35
40.88	-29.23	22.4± 0.7	-0.9	1.3	N90°E	3.06	2.0	TRIATNORD: Line 36
40.80	-29.28	21.8± 0.7	-1.5	1.3	N90°E	3.06	2.0	TRIATNORD: Line 37
40.32	-29.60	22.6± 0.7	-0.9	1.2	S85°E	2.76	2.0	NGDC ID 19100005

AZ-NA† (A2A)

39.27	-29.95	22.8± 1.5	†	0.0	S75°E	2.73	2.0	FARA-SIGMA: Line 14
39.18	-29.97	22.6± 1.5	†	0.0	S75°E	2.81	2.0	FARA-SIGMA: Line 13

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
39.12	-29.99	21.8± 1.5	†	0.0	S75°E	2.83	2.0	FARA-SIGMA: Line 12
39.05	-29.95	21.6± 1.5	†	0.0	S75°E	2.88	2.0	FARA-SIGMA: Line 11
39.00	-29.93	22.2± 1.5	†	0.0	S75°E	2.82	2.0	NGDC ID 19100009
38.97	-29.94	22.4± 1.5	†	0.0	S75°E	2.84	2.0	FARA-SIGMA: Line 10
38.92	-30.05	22.6± 1.5	†	0.0	S75°E	2.79	2.0	NGDC ID 23060053
38.91	-29.95	21.4± 1.0	†	0.0	S75°E	2.99	2.0	FARA-SIGMA: Line 9
38.86	-30.07	22.0± 1.5	†	0.0	S72°E	2.74	2.0	NGDC ID 67010202
38.86	-30.07	21.8± 1.5	†	0.0	S72°E	2.92	2.0	FARA-SIGMA: Line 8
38.83	-30.08	21.0± 1.0	†	0.0	S72°E	3.09	2.0	NGDC ID 01030167
38.79	-30.08	19.8± 1.5	†	0.0	S72°E	3.03	2.0	FARA-SIGMA: Line 7
38.74	-30.11	20.6± 1.5	†	0.0	S72°E	2.86	2.0	NGDC ID 19100009
38.72	-30.05	21.2± 1.5	†	0.0	S72°E	2.81	2.0	FARA-SIGMA: Line 6
38.69	-30.18	20.2± 1.5	†	0.0	S72°E	2.91	2.0	FARA-SIGMA: Line 5
38.68	-30.12	20.0± 1.0	†	0.0	S72°E	3.38	2.0	NGDC ID 09620004
38.34	-30.66	20.4± 2.1	†	0.0	S75°E	3.07	2.0	FARA-SIGMA: Line 4
38.24	-30.56	20.6± 2.1	†	0.0	S75°E	3.02	2.0	FARA-SIGMA: Line 3

*NB-NA (A2A)*

37.90	-31.50	18.0± 2.1	-2.2	0.5	S75°E	3.15	2.0	FARA-SIGMA: Line 2
37.85	-31.50	19.2± 1.5	-1.0	0.9	S75°E	2.99	2.0	NGDC ID 15050041
37.83	-31.51	19.4± 2.1	-0.9	0.5	S75°E	2.77	2.0	FARA-SIGMA: Line 1
37.70	-31.52	19.8± 1.0	-0.4	2.1	S75°E	3.18	2.0	FARA-SIGMA: Line 15
37.39	-32.16	18.8± 1.0	-1.7	2.0	S75°E	2.68	2.0	SudAcore: Line 1
37.35	-32.26	19.8± 1.0	-0.6	2.0	S75°E	3.12	2.0	NGDC ID 09620004
37.34	-32.25	19.4± 1.0	-1.0	2.0	S75°E	3.08	2.0	SudAcore: Line 2
37.27	-32.26	20.0± 1.0	-0.4	2.0	S75°E	3.13	2.0	SudAcore: Line 3
37.21	-32.29	20.0± 1.0	-0.5	1.9	S75°E	2.92	2.0	SudAcore: Line 4
37.07	-32.66	21.6± 1.5	1.1	0.8	S73°E	2.80	2.0	SudAcore: Line 6
37.02	-32.80	21.2± 1.0	0.7	1.8	S73°E	3.01	2.0	SudAcore: Line 7
36.97	-32.90	22.4± 1.0	1.9	1.8	S73°E	2.91	2.0	SudAcore: Line 8
36.86	-33.14	19.2± 1.0	-1.4	1.8	S73°E	2.95	2.0	SudAcore: Line 9
36.82	-33.18	19.8± 1.0	-0.8	1.7	S73°E	2.91	2.0	NGDC ID 67010030
36.81	-33.22	21.2± 1.0	0.6	1.7	S73°E	3.08	2.0	NGDC ID 01030184
36.80	-33.25	19.6± 1.0	-0.9	1.7	S73°E	3.19	2.0	NGDC ID 67020001
36.79	-33.18	20.4± 1.0	-0.2	1.7	S73°E	3.09	2.0	SudAcore: Line 10
36.71	-33.19	20.6± 1.0	0.0	1.7	S73°E	3.05	2.0	SudAcore: Line 11
36.69	-33.25	20.4± 1.0	-0.2	1.7	S73°E	3.04	2.0	NGDC ID 67020001
36.66	-33.31	20.6± 1.0	-0.0	1.7	S73°E	2.99	2.0	SudAcore: Line 12
35.42	-34.81	22.4± 1.0	1.3	1.4	S73°E	2.67	2.0	NGDC ID 01030165
35.40	-34.81	22.2± 1.5	1.1	0.6	S73°E	3.00	2.0	NGDC ID 01030184
35.23	-36.26	20.2± 2.1	-1.1	0.3	S75°E	2.86	2.0	SudAcore: Line 14
35.15	-36.28	21.8± 2.1	0.5	0.3	S75°E	2.86	2.0	SudAcore: Line 15
35.08	-36.32	21.2± 2.1	-0.1	0.3	S75°E	2.92	2.0	SudAcore: Line 16
35.01	-36.32	21.4± 2.1	-0.0	0.3	S75°E	2.57	2.0	SudAcore: Line 17
34.95	-36.41	20.2± 2.1	-1.1	0.3	S75°E	3.25	2.0	SudAcore: Line 18
34.87	-36.42	22.6± 2.1	1.3	0.3	S75°E	2.99	2.0	SudAcore: Line 19
34.80	-36.46	22.2± 1.0	0.8	1.3	S75°E	2.98	2.0	SudAcore: Line 20
34.73	-36.47	20.6± 2.1	-0.9	0.3	S75°E	2.58	2.0	SudAcore: Line 21
34.40	-37.03	22.2± 1.0	0.9	1.0	S68°E	2.95	2.0	FARA-SIGMA: Line 16
34.27	-37.03	21.6± 2.1	0.3	0.3	S68°E	3.02	2.0	FARA-SIGMA: Line 17
33.64	-39.00	23.0± 1.5	1.2	0.5	S75°E	3.01	2.0	FARA-SIGMA: Line 18
33.55	-39.04	24.0± 1.0	2.1	1.1	S75°E	2.75	2.0	FARA-SIGMA: Line 19
31.91	-40.51	21.8± 1.5	0.7	0.3	S58°E	3.15	2.0	NGDC ID 01030013
31.31	-41.09	21.6± 1.0	0.4	0.8	S58°E	3.50	2.0	NGDC ID 01210049
31.25	-41.16	22.6± 1.0	1.4	0.8	S58°E	3.34	2.0	NGDC ID 01210049
31.20	-41.23	20.6± 1.0	-0.6	0.8	S58°E	3.34	2.0	NGDC ID 01210049
31.13	-41.28	23.4± 1.0	2.1	0.8	S58°E	3.22	2.0	NGDC ID 01210049
31.07	-41.29	22.2± 1.0	0.9	0.8	S58°E	3.28	2.0	NGDC ID 01210049
31.01	-41.30	21.6± 1.0	0.3	0.8	S58°E	3.23	2.0	NGDC ID 01210049
30.96	-41.40	21.6± 1.0	0.2	0.8	S58°E	3.03	2.0	NGDC ID 01210049
30.90	-41.47	21.8± 1.0	0.5	0.8	S58°E	3.17	2.0	NGDC ID 01210049
30.85	-41.50	21.0± 1.0	-0.3	0.8	S58°E	3.27	2.0	NGDC ID 01210049
30.84	-41.50	20.8± 1.0	-0.6	0.8	S58°E	3.13	2.0	Canary-Bahamas: Line r1.p6
30.79	-41.57	21.8± 1.0	0.5	0.8	S58°E	3.43	2.0	NGDC ID 01210049
30.74	-41.59	20.8± 1.0	-0.6	0.8	S58°E	3.33	2.0	NGDC ID 01210049

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
30.69	-41.67	23.6± 1.0	2.1	0.8	S58°E	2.73	2.0	NGDC ID 01210049
30.68	-41.70	20.6± 1.0	-0.8	0.8	S58°E	2.97	2.0	Canary-Bahamas: Line r1.p5
30.63	-41.70	22.0± 1.0	0.6	0.8	S58°E	3.41	2.0	NGDC ID 01210049
30.59	-41.83	20.8± 1.0	-0.7	0.8	S58°E	3.02	2.0	Canary-Bahamas: Line r1.p7
30.45	-41.82	21.0± 1.0	-1.8	0.9	S80°E	2.95	2.0	Canary-Bahamas: Line r1.p2
30.25	-41.86	22.6± 1.0	-0.2	0.9	S80°E	3.18	2.0	Canary-Bahamas: Line r1.p3
29.92	-42.65	25.4± 1.0	2.4	0.9	S80°E	2.80	2.0	Canary-Bahamas: Line r1.p4
29.65	-42.82	25.2± 1.0	2.2	0.9	S80°E	2.89	2.0	Canary-Bahamas: Line r1.p1
29.61	-42.81	22.6± 1.0	-0.5	0.9	S80°E	2.74	2.0	Canary-Bahamas: Line r4.p5
29.55	-42.85	21.8± 1.0	-1.2	0.9	S80°E	2.97	2.0	Canary-Bahamas: Line r1.p8
29.54	-42.88	22.0± 1.0	-1.1	0.9	S80°E	2.78	2.0	Canary-Bahamas: Line r4.p6
29.45	-42.88	22.6± 1.5	-0.5	0.4	S80°E	2.79	2.0	Canary-Bahamas: Line r4.p8
29.08	-43.10	22.8± 1.5	-0.3	0.4	S80°E	3.04	2.0	Canary-Bahamas: Line r4.p2
29.06	-43.15	21.4± 1.0	-1.7	0.9	S80°E	3.56	2.0	NGDC ID 01210049
28.61	-43.53	24.0± 1.0	0.8	0.8	S74°E	3.12	2.0	Canary-Bahamas: Line r4.p4
28.59	-43.54	24.4± 1.0	1.2	0.8	S74°E	3.07	2.0	Canary-Bahamas: Line r7.p3
28.51	-43.56	25.8± 1.0	2.5	0.8	S74°E	2.95	2.0	Canary-Bahamas: Line r7.p2
28.46	-43.62	25.6± 2.1	2.3	0.2	S74°E	2.81	2.0	Canary-Bahamas: Line r4.p1
28.18	-43.81	25.6± 1.0	2.2	0.8	S74°E	3.04	2.0	Canary-Bahamas: Line r4.p3
28.06	-43.84	24.6± 1.5	1.1	0.4	S74°E	2.75	2.0	Canary-Bahamas: Line r5.p1
28.00	-43.86	24.2± 1.0	0.8	0.9	S74°E	2.94	2.0	Canary-Bahamas: Line r5.p2
27.96	-43.90	25.6± 1.0	2.2	0.9	S74°E	3.04	2.0	Canary-Bahamas: Line r5.p3
27.92	-43.90	24.6± 1.5	1.1	0.4	S74°E	2.75	2.0	Canary-Bahamas: Line r5.p4
27.91	-43.91	22.4± 2.1	-1.0	0.2	S74°E	3.11	2.0	Canary-Bahamas: Line r7.p1
27.83	-43.93	23.2± 1.0	-0.2	0.9	S74°E	2.99	2.0	Canary-Bahamas: Line r5.p5
27.79	-44.01	22.8± 1.0	-0.7	0.9	S74°E	2.95	2.0	Canary-Bahamas: Line r5.p6
27.78	-43.97	23.6± 1.0	0.1	0.9	S74°E	3.03	2.0	Canary-Bahamas: Line r7.p17
27.71	-44.01	23.0± 1.0	-0.5	0.9	S74°E	2.77	2.0	Canary-Bahamas: Line r5.p27
27.64	-44.05	24.2± 1.5	0.7	0.4	S74°E	2.98	2.0	Canary-Bahamas: Line r7.p16
27.59	-44.07	25.8± 1.5	2.2	0.4	S74°E	2.64	2.0	Canary-Bahamas: Line r1.p9
27.55	-44.07	23.6± 1.0	0.1	0.9	S74°E	3.25	2.0	Canary-Bahamas: Line r5.p7
27.54	-44.12	25.2± 1.5	1.6	0.4	S74°E	2.74	2.0	Canary-Bahamas: Line r3.p2
27.49	-44.15	23.0± 1.0	-0.5	0.9	S74°E	3.13	2.0	Canary-Bahamas: Line r5.p8
27.47	-44.13	23.4± 1.0	-0.1	0.9	S74°E	3.24	2.0	Canary-Bahamas: Line r5.p9
27.41	-44.14	23.6± 1.0	0.1	0.9	S74°E	2.97	2.0	Canary-Bahamas: Line r5.p10
27.38	-44.16	23.8± 1.0	0.3	0.9	S74°E	3.11	2.0	Canary-Bahamas: Line r7.p6
27.31	-44.18	25.2± 1.0	1.6	0.9	S74°E	2.97	2.0	Canary-Bahamas: Line r5.p11
27.29	-44.16	24.8± 1.0	1.2	0.9	S74°E	2.93	2.0	Canary-Bahamas: Line r5.p12
27.26	-44.20	24.8± 1.0	1.2	0.9	S74°E	2.78	2.0	Canary-Bahamas: Line r5.p13
27.20	-44.23	25.2± 1.0	1.6	0.9	S74°E	2.94	2.0	Canary-Bahamas: Line r5.p14
26.98	-44.35	22.6± 1.5	-1.0	0.4	S74°E	3.34	2.0	Canary-Bahamas: Line r7.p11
26.87	-44.44	22.4± 1.0	-1.3	0.9	S74°E	3.10	2.0	Canary-Bahamas: Line r5.p16
26.84	-44.42	23.0± 1.0	-0.7	0.9	S74°E	3.04	2.0	Canary-Bahamas: Line r7.p5
26.76	-44.50	25.4± 2.1	1.6	0.2	S74°E	2.82	2.0	Canary-Bahamas: Line r3.p1
26.60	-44.52	23.0± 1.0	-0.7	0.9	S74°E	3.07	2.0	Canary-Bahamas: Line r5.p26
26.54	-44.53	23.8± 1.0	0.0	0.9	S74°E	2.94	2.0	Canary-Bahamas: Line r7.p12
26.39	-44.55	24.0± 1.0	0.3	1.0	S74°E	3.42	2.0	Canary-Bahamas: Line r5.p17
26.17	-44.65	24.2± 1.0	0.4	1.0	S74°E	2.98	2.0	Canary-Bahamas: Line r5.p18
26.10	-44.67	23.4± 1.5	-0.5	0.4	S74°E	2.93	2.0	Canary-Bahamas: Line r7.p10
25.92	-44.84	20.6± 2.1	-2.6	0.3	S64°E	3.27	2.0	Canary-Bahamas: Line r6.p8
25.89	-44.87	19.2± 1.5	-4.0	0.5	S64°E	3.06	2.0	Canary-Bahamas: Line r6.p7
25.84	-44.89	21.2± 2.1	-2.0	0.3	S64°E	3.07	2.0	Canary-Bahamas: Line r6.p6
25.80	-44.94	22.0± 1.5	-1.3	0.5	S64°E	2.74	2.0	Canary-Bahamas: Line r6.p4
25.72	-44.99	20.8± 2.1	-2.5	0.3	S64°E	2.99	2.0	Canary-Bahamas: Line r6.p3
25.35	-45.28	25.2± 1.0	1.1	1.0	S78°E	2.90	2.0	Canary-Bahamas: Line r5.p19
25.30	-45.35	22.4± 1.0	-1.7	1.0	S78°E	3.07	2.0	Canary-Bahamas: Line r3.p5
25.25	-45.36	22.6± 1.0	-1.5	1.0	S78°E	3.04	2.0	Canary-Bahamas: Line r2.p2
25.22	-45.31	24.2± 1.0	0.1	1.0	S78°E	3.09	2.0	Canary-Bahamas: Line r5.p20
25.21	-45.36	22.2± 1.0	-1.9	1.0	S78°E	3.02	2.0	Canary-Bahamas: Line r1.p10
25.19	-45.39	22.8± 1.0	-1.3	1.0	S78°E	3.01	2.0	Canary-Bahamas: Line r5.p21
25.08	-45.43	23.2± 1.0	-0.9	1.0	S78°E	3.02	2.0	Canary-Bahamas: Line r7.p8
24.41	-46.13	25.0± 1.0	0.7	1.1	S80°E	2.94	2.0	Canary-Bahamas: Line r6.p19
24.30	-46.24	23.8± 1.0	-0.6	1.1	S80°E	2.93	2.0	Canary-Bahamas: Line r5.p25
24.26	-46.23	25.4± 1.0	1.1	1.1	S80°E	3.02	2.0	Canary-Bahamas: Line r5.p24
24.21	-46.20	23.8± 1.5	-0.6	0.5	S80°E	2.98	2.0	Canary-Bahamas: Line r2.p6
24.21	-46.29	25.0± 1.0	0.7	1.1	S80°E	3.01	2.0	Canary-Bahamas: Line r5.p23

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
24.17	-46.24	25.4± 1.0	1.0	1.1	S80°E	2.90	2.0	Canary-Bahamas: Line r5.p22
24.14	-46.24	24.8± 1.5	0.3	0.5	S80°E	2.71	2.0	Canary-Bahamas: Line r2.p5
24.14	-46.27	26.0± 1.0	1.7	1.1	S80°E	3.16	2.0	Canary-Bahamas: Line r6.p20
24.13	-46.27	24.8± 1.0	0.4	1.1	S80°E	2.85	2.0	Canary-Bahamas: Line r6.p18
24.03	-46.27	24.0± 1.0	-0.4	1.1	S80°E	3.00	2.0	Canary-Bahamas: Line r6.p21
23.97	-46.30	22.8± 1.5	-1.6	0.5	S80°E	2.85	2.0	Canary-Bahamas: Line r2.p4
23.93	-46.29	23.2± 1.5	-1.2	0.5	S80°E	3.01	2.0	Canary-Bahamas: Line r6.p12
23.84	-46.31	23.8± 1.5	-0.6	0.5	S80°E	3.11	2.0	Canary-Bahamas: Line r6.p17
23.79	-46.31	22.0± 1.0	-2.4	1.2	S80°E	3.13	2.0	Canary-Bahamas: Line r6.p14
23.08	-44.94	22.6± 1.0	-1.8	1.2	S85°E	2.94	2.0	Canary-Bahamas: Line r1.p16
23.06	-44.93	22.2± 1.0	-2.2	1.2	S85°E	3.12	2.0	Canary-Bahamas: Line r1.p13
23.05	-44.93	24.0± 2.1	-0.3	0.3	S85°E	3.48	2.0	Canary-Bahamas: Line r6.p26
22.88	-44.89	24.2± 1.0	-0.2	1.2	S85°E	3.02	2.0	Canary-Bahamas: Line r1.p15
22.87	-44.96	23.4± 1.5	-1.1	0.5	S85°E	2.88	2.0	Canary-Bahamas: Line r1.p17
22.87	-44.89	24.2± 1.0	-0.2	1.2	S85°E	3.03	2.0	Canary-Bahamas: Line r1.p14
22.78	-44.97	23.0± 1.5	-1.5	0.5	S85°E	2.86	2.0	Canary-Bahamas: Line r1.p19
22.77	-44.92	24.0± 1.5	-0.4	0.5	S85°E	3.04	2.0	Canary-Bahamas: Line r1.p18
22.75	-44.95	23.0± 1.0	-1.5	1.2	S85°E	3.00	2.0	Canary-Bahamas: Line r1.p12
22.64	-44.98	25.2± 1.0	0.7	1.2	S85°E	2.94	2.0	Canary-Bahamas: Line r1.p11
22.54	-45.03	22.8± 2.1	-1.8	0.3	S75°E	3.06	2.0	FARA-SEADMA: Line 1
22.46	-45.02	23.0± 1.0	-1.6	1.4	S75°E	3.06	2.0	FARA-SEADMA: Line 3
22.38	-45.05	22.6± 1.5	-2.0	0.6	S75°E	3.32	2.0	FARA-SEADMA: Line 2
22.28	-45.02	24.6± 1.5	-0.1	0.6	S75°E	2.94	2.0	FARA-SEADMA: Line 4
22.17	-45.05	25.2± 1.0	0.5	1.4	S77°E	3.02	2.0	Canary-Bahamas: Line r2.p8
22.15	-45.07	24.8± 1.0	0.1	1.4	S77°E	3.02	2.0	FARA-SEADMA: Line 5
22.07	-45.13	25.4± 1.0	0.7	1.4	S77°E	2.99	2.0	FARA-SEADMA: Line 6
21.98	-45.13	25.2± 1.0	0.4	1.4	S77°E	2.92	2.0	FARA-SEADMA: Line 7
21.91	-45.18	24.8± 1.0	0.1	1.4	S77°E	3.33	2.0	FARA-SEADMA: Line 8
21.83	-45.21	23.6± 1.0	-1.2	1.4	S77°E	3.10	2.0	FARA-SEADMA: Line 9
21.74	-45.23	23.2± 1.0	-1.6	1.5	S77°E	3.10	2.0	FARA-SEADMA: Line 10
21.23	-45.66	24.8± 2.1	-0.2	0.4	S77°E	2.71	2.0	FARA-SEADMA: Line 12
20.96	-45.77	23.6± 2.1	-1.5	0.4	S77°E	2.53	2.0	FARA-SEADMA: Line 13
20.30	-45.64	21.6± 2.1	-3.4	0.4	S83°E	2.90	2.0	FARA-SEADMA: Line 15
19.31	-46.01	25.8± 2.1	0.7	0.4	S85°E	2.95	2.0	Vening Meinesz Lab.: 19.25N
17.29	-46.45	24.6± 1.5	-0.8	0.9	S85°E	2.99	2.0	Vening Meinesz Lab.: 17.3N
16.98	-46.52	26.8± 2.1	1.2	0.5	S85°E	2.70	2.0	Vening Meinesz Lab.: 17.0N
16.88	-46.46	24.0± 2.1	-1.5	0.5	S85°E	3.08	2.0	Vening Meinesz Lab.: 16.88N
16.76	-46.49	25.8± 2.1	0.3	0.5	S85°E	3.02	2.0	Vening Meinesz Lab.: 16.75N
16.65	-46.51	26.2± 2.1	0.7	0.5	S85°E	3.00	2.0	Vening Meinesz Lab.: 16.65N
16.61	-46.53	27.6± 2.1	2.0	0.5	S85°E	3.05	2.0	Vening Meinesz Lab.: 16.6N
16.01	-46.63	27.2± 2.1	1.5	0.6	S85°E	2.93	2.0	Vening Meinesz Lab.: 16.0N
15.79	-46.63	26.8± 1.5	1.1	1.1	S85°E	2.76	2.0	YK9805: Line 14
15.75	-46.63	26.2± 1.5	0.5	1.1	S85°E	2.87	2.0	YK9805: Line 15
15.72	-46.68	27.2± 1.5	1.5	1.1	S85°E	2.89	2.0	YK9805: Line 21
15.71	-46.63	27.0± 1.5	1.3	1.1	S85°E	2.90	2.0	YK9805: Line 16
15.62	-46.66	27.4± 1.5	1.6	1.1	S85°E	2.79	2.0	YK9805: Line 19
15.58	-46.67	27.6± 1.5	1.8	1.1	S85°E	2.69	2.0	YK9805: Line 20
15.36	-46.67	27.0± 2.1	1.3	0.6	S85°E	3.12	2.0	YK9805: Line 18
NB-SA (A2A)								
15.00	-44.92	24.8± 1.2	0.5	1.8	S85°E	3.01	2.0	YK9805: Line 12
14.96	-44.94	25.6± 1.2	1.2	1.8	S85°E	2.91	2.0	YK9805: Line 11
14.92	-44.95	25.4± 1.2	1.1	1.8	S85°E	2.99	2.0	YK9805: Line 10
14.75	-44.98	24.6± 0.8	0.2	4.0	S85°E	3.05	2.0	YK9805: Line 13
14.69	-44.96	25.2± 1.2	0.8	1.8	S85°E	3.00	2.0	YK9805: Line 9
14.66	-44.99	25.2± 1.2	0.8	1.8	S85°E	2.97	2.0	YK9805: Line 8
14.61	-44.99	24.2± 0.8	-0.2	4.0	S85°E	3.10	2.0	YK9805: Line 7
14.57	-45.00	24.0± 0.8	-0.5	4.0	S85°E	3.10	2.0	YK9805: Line 6
14.50	-44.97	23.8± 0.8	-0.7	4.0	S85°E	3.08	2.0	YK9805: Line 5
14.46	-44.98	24.0± 0.8	-0.5	4.0	S85°E	3.07	2.0	YK9805: Line 4
14.41	-45.02	23.8± 0.8	-0.7	4.0	S85°E	3.12	2.0	YK9805: Line 3
14.39	-45.02	24.4± 0.8	-0.1	4.0	S85°E	3.13	2.0	Vening Meinesz Lab.: 14.4N
14.37	-45.00	24.4± 1.2	-0.1	1.8	S85°E	3.06	2.0	YK9805: Line 2
14.29	-44.98	23.4± 0.8	-1.2	4.0	S85°E	3.00	2.0	Vening Meinesz Lab.: 14.3N
14.23	-44.99	24.8± 1.2	0.1	1.8	S85°E	2.86	2.0	Vening Meinesz Lab.: 14.2N

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
13.99	-45.00	24.6± 0.8	-0.1	3.9	S85°E	3.03	2.0	Vening Meinesz Lab.: 14.0N
13.94	-45.02	23.8± 1.2	-0.9	1.7	S85°E	2.98	2.0	Vening Meinesz Lab.: 13.9N
13.45	-44.96	25.4± 1.7	0.5	1.0	S85°E	2.97	2.0	Vening Meinesz Lab.: 13.44N
13.39	-44.87	26.2± 1.7	1.3	1.0	S85°E	3.01	2.0	Vening Meinesz Lab.: 13.4N
13.21	-44.81	25.6± 1.2	0.6	1.7	S85°E	2.97	2.0	Vening Meinesz Lab.: 13.2N
12.91	-44.87	26.6± 1.7	1.5	0.9	S85°E	2.92	2.0	Vening Meinesz Lab.: 12.9N
12.77	-44.93	24.6± 0.8	-0.6	3.7	S85°E	3.08	2.0	Vening Meinesz Lab.: 12.75N
12.69	-44.87	25.4± 0.8	0.2	3.7	S85°E	3.03	2.0	Vening Meinesz Lab.: 12.7N
-8.19	-13.54	32.0± 0.8	0.1	1.7	N79°E	2.80	2.0	NRL AMAG Line 2
-8.35	-13.63	31.6± 1.2	-0.3	0.7	N79°E	2.76	2.0	NRL AMAG Line 3
-8.52	-13.53	31.8± 1.2	-0.2	0.7	N79°E	2.69	2.0	NRL AMAG Line 4
-8.68	-13.45	32.0± 1.2	0.1	0.7	N79°E	3.12	2.0	NRL AMAG Line 5
-8.85	-13.52	32.2± 1.2	0.3	0.7	N79°E	3.06	2.0	NRL AMAG Line 6
-9.51	-13.23	32.0± 1.2	-0.1	0.7	N79°E	3.11	2.0	NRL AMAG Line 7
-9.85	-13.22	34.6± 1.7	2.5	0.4	N79°E	3.06	2.0	NRL AMAG Line 8
-10.02	-13.21	34.2± 1.7	2.1	0.4	N79°E	3.35	2.0	NRL AMAG Line 9
-10.18	-13.20	32.2± 0.8	0.0	1.6	N79°E	3.08	2.0	NRL AMAG Line 10
-10.35	-13.16	31.4± 1.2	-0.8	0.7	N79°E	2.84	2.0	NRL AMAG Line 11
-10.52	-13.13	32.2± 0.8	0.0	1.6	N79°E	3.15	2.0	NRL AMAG Line 12
-10.68	-13.03	33.0± 1.2	0.8	0.7	N79°E	3.05	2.0	NRL AMAG Line 13
-11.18	-13.05	32.4± 0.8	0.1	1.5	N79°E	3.00	2.0	NRL AMAG Line 14
-11.35	-13.07	33.0± 0.8	0.7	1.5	N79°E	3.02	2.0	NRL AMAG Line 15
-12.52	-14.70	34.0± 1.7	1.7	0.4	N73°E	3.13	2.0	NRL AMAG Line 37
-13.52	-14.57	32.6± 1.7	0.9	0.4	N64°E	2.78	2.0	NRL AMAG Line 16
-13.69	-14.51	33.2± 1.2	1.5	0.7	N64°E	3.07	2.0	NRL AMAG Line 17
-13.86	-14.38	33.8± 1.2	2.1	0.7	N64°E	2.90	2.0	NRL AMAG Line 18
-14.36	-13.57	31.6± 0.8	-1.1	1.5	N75°E	2.88	2.0	NRL AMAG Line 19
-14.52	-13.58	32.4± 0.8	-0.3	1.5	N75°E	3.08	2.0	NRL AMAG Line 20
-14.69	-13.34	32.2± 1.2	-0.5	0.6	N75°E	3.29	2.0	NRL AMAG Line 21
-14.86	-13.35	35.4± 0.8	2.6	1.4	N75°E	2.93	2.0	NRL AMAG Line 22
-15.02	-13.35	34.0± 1.2	1.2	0.6	N75°E	2.92	2.0	NRL AMAG Line 23
-15.19	-13.30	32.2± 0.8	-0.6	1.4	N75°E	3.13	2.0	NRL AMAG Line 24
-15.69	-13.17	33.4± 1.2	0.5	0.6	N75°E	2.92	2.0	NRL AMAG Line 26
-15.86	-13.11	31.6± 0.8	-1.3	1.4	N75°E	3.04	2.0	NRL AMAG Line 27
-16.69	-14.26	33.0± 1.2	0.0	0.6	N76°E	2.80	2.0	NRL AMAG Line 29
-16.85	-14.31	31.8± 0.8	-1.2	1.4	N76°E	3.00	2.0	NRL AMAG Line 30
-17.02	-14.22	33.0± 0.8	0.0	1.4	N76°E	3.09	2.0	NRL AMAG Line 31
-17.19	-14.25	33.8± 0.8	0.8	1.4	N76°E	3.02	2.0	NRL AMAG Line 32
-21.72	-11.81	33.8± 0.8	0.4	1.5	N78°E	3.04	2.0	NGDC ID 02020035
-25.28	-13.66	33.2± 0.8	-0.2	1.6	N78°E	3.12	2.0	NGDC ID 01010271
-25.37	-13.62	33.4± 0.8	-0.0	1.6	N78°E	3.10	2.0	NGDC ID 01210035
-25.41	-13.62	33.4± 0.8	-0.1	1.6	N78°E	2.80	2.0	NGDC ID 01010278
-25.43	-13.60	33.2± 0.8	-0.3	1.6	N78°E	2.81	2.0	NGDC ID 01010271
-25.50	-13.58	35.4± 1.2	1.9	0.7	N78°E	2.90	2.0	NGDC ID 01210035
-25.53	-13.58	33.6± 0.8	0.1	1.6	N78°E	2.63	2.0	NGDC ID 01010278
-25.80	-14.02	34.2± 0.8	0.7	1.6	N78°E	2.90	2.0	NGDC ID 10050002
-25.90	-13.91	32.2± 0.8	-1.3	1.6	N78°E	3.01	2.0	NGDC ID 01010271
-26.00	-13.89	33.0± 0.8	-0.4	1.6	N78°E	3.12	2.0	NGDC ID 01210035
-26.10	-13.88	33.4± 0.8	-0.1	1.6	N78°E	3.06	2.0	NGDC ID 01010271
-26.25	-13.80	32.4± 0.8	-1.0	1.6	N78°E	3.14	2.0	NGDC ID 15050072
-26.27	-13.81	33.6± 0.8	0.1	1.6	N78°E	3.09	2.0	NGDC ID 01010271
-26.31	-13.79	33.2± 1.2	-0.2	0.7	N78°E	3.15	2.0	NGDC ID 01210035
-26.47	-13.72	33.0± 0.8	-0.4	1.7	N78°E	3.28	2.0	NGDC ID 01010271
-26.64	-13.62	32.4± 0.8	-1.1	1.7	N78°E	2.90	2.0	NGDC ID 01010278
-26.69	-13.60	34.6± 0.8	1.1	1.7	N78°E	2.94	2.0	NGDC ID 01010278
-26.79	-13.57	33.2± 0.8	-0.2	1.7	N78°E	3.08	2.0	NGDC ID 01010278
-26.84	-13.57	34.2± 0.8	0.7	1.7	N78°E	2.97	2.0	NGDC ID 01010271
-26.87	-13.54	33.4± 0.8	-0.0	1.7	N78°E	3.11	2.0	NGDC ID 01010278
-26.94	-13.53	33.8± 0.8	0.3	1.7	N78°E	3.07	2.0	NGDC ID 01210035
-27.20	-13.46	36.8± 1.7	3.3	0.4	N78°E	3.05	2.0	NGDC ID 01010271
-31.14	-13.47	33.2± 0.8	-0.1	2.0	N78°E	3.08	2.0	NGDC ID 15040135
-31.51	-13.53	34.2± 0.8	0.8	2.0	N78°E	3.00	2.0	NGDC ID 15040135
-31.53	-13.50	33.2± 0.8	-0.1	2.0	N78°E	3.48	2.0	NGDC ID 15040213
-31.60	-13.43	33.2± 0.8	-0.2	2.0	N78°E	2.79	2.0	NGDC ID 15040213
-31.65	-13.42	33.6± 0.8	0.2	2.0	N78°E	2.91	2.0	NGDC ID 15040135
-31.71	-13.39	33.4± 0.8	0.1	2.0	N78°E	3.02	2.0	NGDC ID 15040213

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
-31.76	-13.37	33.6± 0.8	0.3	2.0	N78°E	3.08	2.0	NGDC ID 15040213
-31.82	-13.35	33.0± 0.8	-0.3	2.0	N78°E	3.00	2.0	NGDC ID 15040213
-31.84	-13.34	33.0± 0.8	-0.3	2.0	N78°E	3.03	2.0	NGDC ID 15040135
-31.99	-13.32	32.8± 0.8	-0.5	2.0	N78°E	3.11	2.0	NGDC ID 15040135
-32.57	-14.53	31.6± 0.8	-1.7	2.1	N78°E	2.96	2.0	NGDC ID 15040132
-32.69	-14.53	33.2± 0.8	-0.1	2.1	N78°E	2.99	2.0	NGDC ID 15040135
-32.84	-14.47	35.0± 0.8	1.7	2.1	N78°E	2.92	2.0	NGDC ID 15040132
-32.98	-14.44	35.4± 0.8	2.1	2.1	N78°E	3.12	2.0	NGDC ID 15040135
-33.10	-14.43	35.0± 1.2	1.7	0.9	N78°E	3.07	2.0	NGDC ID 15040132
-33.69	-14.67	31.6± 0.8	-1.6	2.1	N78°E	3.14	2.0	NGDC ID 15040135
-33.81	-14.60	34.6± 1.2	1.4	1.0	N78°E	2.98	2.0	NGDC ID 15040135
-33.82	-14.68	31.6± 1.2	-1.6	1.0	N78°E	3.18	2.0	NGDC ID 01030207
-34.41	-15.18	32.0± 0.8	-1.2	2.2	N78°E	3.16	2.0	NGDC ID 15040212
-34.48	-15.18	32.8± 0.8	-0.4	2.2	N78°E	3.08	2.0	NGDC ID 15040212
-34.60	-15.16	33.0± 0.8	-0.2	2.2	N78°E	3.12	2.0	NGDC ID 15040212
-34.92	-15.34	32.8± 0.8	-0.3	2.3	N78°E	3.06	2.0	NGDC ID 15040212
-35.00	-15.31	33.8± 0.8	0.6	2.3	N78°E	2.91	2.0	NGDC ID 15040212
-35.69	-17.81	30.4± 1.2	-2.7	1.0	N78°E	2.97	2.0	NGDC ID 15050037
<i>NB-SR (A2A)</i>								
-50.69	-6.37	30.4± 1.2	-1.0	9.8	N73°E	2.84	2.0	Shona hotspot: Line 1
-50.83	-6.33	32.4± 1.2	0.9	9.3	N73°E	2.58	2.0	Shona hotspot: Line 2
-51.52	-5.69	29.4± 1.2	-1.8	7.0	N73°E	2.65	2.0	Shona hotspot: Line 6
-51.84	-5.48	31.6± 1.2	0.5	6.2	N73°E	2.65	2.0	Shona hotspot: Line 9
-51.92	-5.47	30.2± 0.8	-0.8	13.5	N73°E	2.95	2.0	NGDC ID 01010089
-51.99	-5.44	31.6± 1.2	0.5	5.8	N73°E	2.63	2.0	Shona hotspot: Line 10
-52.14	-5.27	31.2± 1.2	0.1	5.4	N73°E	2.61	2.0	Shona hotspot: Line 11
-53.72	-2.93	27.8± 1.7	-2.0	1.3	N58°E	2.95	2.0	<i>Strakhov</i> : Line 4
-53.92	-2.62	28.8± 1.7	-0.9	1.2	N58°E	3.07	2.0	<i>Strakhov</i> : Line 3
-54.06	-1.95	32.0± 1.2	2.3	2.2	N58°E	2.96	2.0	<i>Strakhov</i> : Line 1
-54.08	-1.80	29.6± 1.2	-0.1	2.3	N58°E	3.08	2.0	<i>Strakhov</i> : Line 2
-54.22	-1.31	27.0± 1.2	-2.7	2.3	N58°E	2.57	2.0	<i>Strakhov</i> : Line 5
-54.22	-1.32	26.8± 1.2	-2.8	2.3	N58°E	3.18	2.0	NGDC ID 02010064
-54.26	-1.30	27.2± 1.2	-2.5	2.4	N58°E	2.74	2.0	<i>Strakhov</i> : Line 6
-54.29	-1.28	28.4± 0.8	-1.3	5.3	N58°E	2.64	2.0	<i>Strakhov</i> : Line 7
-54.31	-1.23	27.6± 0.8	-2.1	5.4	N58°E	2.71	2.0	<i>Strakhov</i> : Line 8
-54.36	-1.22	28.8± 0.8	-0.8	5.4	N58°E	2.74	2.0	<i>Strakhov</i> : Line 9
-54.38	-1.20	28.4± 0.8	-1.2	5.5	N58°E	2.98	2.0	<i>Strakhov</i> : Line 10
-54.42	-1.19	29.8± 0.8	0.2	5.5	N58°E	2.85	2.0	<i>Strakhov</i> : Line 11
-54.44	-1.12	30.2± 0.8	0.6	5.6	N58°E	2.70	2.0	<i>Strakhov</i> : Line 12
-54.46	-1.09	30.2± 0.8	0.6	5.6	N58°E	2.71	2.0	<i>Strakhov</i> : Line 13
-54.48	-1.07	27.8± 0.8	-1.7	5.6	N58°E	3.12	2.0	NGDC ID 02010064
-54.51	-1.10	30.0± 0.8	0.4	5.7	N58°E	2.81	2.0	<i>Strakhov</i> : Line 14
-54.57	-1.04	29.0± 1.2	-0.5	2.6	N58°E	2.93	2.0	<i>Strakhov</i> : Line 16
-54.60	-0.99	28.8± 1.2	-0.7	2.6	N58°E	3.01	2.0	<i>Strakhov</i> : Line 17
<i>AN-SR (A2A)</i>								
-55.32	-1.62	18.6± 1.4	1.4	2.8	N87°E	3.13	2.0	<i>Strakhov</i> : Line 5
-55.34	-1.69	19.0± 0.9	1.8	6.3	N87°E	3.09	2.0	NGDC ID 02010064
-55.41	-1.70	18.8± 1.4	1.6	2.8	N87°E	3.08	2.0	<i>Strakhov</i> : Line 2
-55.44	-1.70	20.6± 0.9	3.4	6.3	N87°E	2.99	2.0	JR09A (R. Livermore, pc, 2006): Line 2
-55.45	-1.69	21.2± 1.4	4.0	2.8	N87°E	2.82	2.0	<i>Strakhov</i> : Line 4
-56.04	-4.70	18.2± 0.9	1.3	5.9	N84°E	3.10	2.0	NGDC ID 01020063
-56.07	-4.72	18.6± 0.9	1.6	5.9	N84°E	3.00	2.0	NGDC ID 02010064
-56.16	-4.70	18.2± 0.9	1.3	6.0	N84°E	2.97	2.0	NGDC ID 02010064
-56.22	-4.65	17.8± 1.4	1.0	2.7	N84°E	3.16	2.0	NGDC ID 15020082
<i>NB-AN (A2A)</i>								
-53.77	3.27	15.9± 0.7	0.8	3.2	N48°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-53.82	3.36	15.7± 0.7	0.6	3.1	N48°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-53.87	3.44	14.9± 0.7	-0.2	3.1	N48°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-53.95	3.47	15.3± 0.7	0.2	3.1	N48°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
-53.92	3.53	14.9± 0.7	-0.2	3.1	N48°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-53.97	3.62	14.0± 0.7	-1.1	3.1	N48°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.02	3.71	14.9± 0.7	-0.2	3.0	N48°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.14	3.72	14.7± 0.7	-0.4	3.0	N48°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.07	3.80	14.5± 0.7	-0.7	3.0	N42°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.17	3.98	15.0± 0.7	-0.2	3.0	N42°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.22	4.07	16.0± 0.7	0.7	2.9	N42°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.27	4.16	15.0± 0.7	-0.3	2.9	N42°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.32	4.25	15.0± 0.7	-0.3	2.9	N42°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.35	4.32	15.0± 0.7	-0.3	2.9	N42°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.22	4.80	15.0± 0.7	-0.3	2.8	N40°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.28	5.03	15.0± 0.7	-0.3	2.8	N40°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.41	5.29	16.0± 0.7	0.6	2.7	N40°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-54.14	7.30	16.0± 0.7	0.6	2.4	N42°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.89	10.28	15.7± 0.7	0.2	2.2	N29°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.81	11.47	17.0± 0.7	1.4	2.1	N28°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.18	15.17	16.9± 0.7	1.5	2.1	N15°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.17	15.63	15.8± 0.7	0.3	2.0	N15°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.42	16.94	16.0± 0.7	0.4	2.0	N15°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.32	17.07	15.0± 0.7	-0.6	2.0	N15°E	3.44	2.0	Knorr 145: Line 118
-52.35	17.26	15.6± 0.7	-0.1	2.0	N15°E	2.87	2.0	Knorr 145: Line 116
-52.44	17.30	16.5± 0.7	0.8	2.0	N15°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.56	18.09	17.2± 0.7	1.4	2.0	N15°E	2.93	2.0	Knorr 145: Line 106
-52.57	18.33	15.0± 0.7	-0.8	2.0	N15°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.64	18.43	16.4± 0.7	0.5	2.0	N15°E	2.90	2.0	Knorr 145: Line 102
-52.69	18.59	17.0± 0.7	1.1	2.0	N15°E	2.97	2.0	Knorr 145: Line 100
-52.70	18.64	16.7± 0.7	0.9	2.0	N15°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.71	18.78	15.8± 0.7	0.0	2.1	N13°E	3.02	2.0	Knorr 145: Line 98
-52.71	18.96	16.2± 0.7	0.4	2.1	N13°E	2.94	2.0	Knorr 145: Line 96
-52.78	19.11	14.9± 0.7	-0.9	2.1	N13°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.77	19.28	16.0± 0.7	0.2	2.1	N13°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.92	20.98	16.6± 0.7	0.8	2.4	N10°E	3.08	2.0	Knorr 145: Line 74
-52.95	21.14	17.2± 0.7	1.4	2.5	N10°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.95	21.16	17.0± 0.7	1.1	2.5	N10°E	2.90	2.0	Knorr 145: Line 72
-52.94	21.60	17.4± 1.0	1.4	1.1	N10°E	2.73	2.0	AG44101: Line 4
-52.96	21.74	16.0± 0.7	-0.0	2.6	N10°E	2.72	2.0	Knorr 145: Line 66
-52.92	21.74	17.8± 1.0	1.8	1.1	N10°E	2.76	2.0	AG44101: Line 5
-53.03	21.84	17.3± 0.7	1.4	2.6	N10°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-52.95	21.89	17.0± 1.0	1.0	1.1	N10°E	2.79	2.0	AG44101: Line 6
-52.98	21.92	16.2± 0.7	0.2	2.6	N10°E	2.72	2.0	Knorr 145: Line 64
-52.96	22.03	17.0± 1.0	0.9	1.2	N10°E	2.68	2.0	AG44101: Line 7
-52.99	22.27	15.6± 1.0	-0.8	1.1	N20°E	2.81	2.0	AG44101: Line 9
-53.03	22.29	14.8± 0.7	-1.6	2.5	N20°E	2.84	2.0	Knorr 145: Line 60
-53.01	22.44	15.8± 1.0	-0.6	1.1	N20°E	2.87	2.0	AG44101: Line 10
-53.05	22.45	17.0± 0.7	0.7	2.6	N20°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-53.06	22.47	15.6± 0.7	-0.8	2.6	N20°E	2.95	2.0	Knorr 145: Line 58
-53.05	22.55	15.8± 1.0	-0.6	1.1	N20°E	2.97	2.0	AG44101: Line 11
-53.11	22.63	16.6± 0.7	0.2	2.6	N20°E	3.02	2.0	Knorr 145: Line 56
-53.10	22.71	17.2± 1.0	0.7	1.2	N20°E	2.69	2.0	AG44101: Line 12
-53.14	22.81	15.4± 0.7	-1.0	2.7	N20°E	2.94	2.0	Knorr 145: Line 54
-53.11	22.83	15.2± 1.0	-1.3	1.2	N20°E	2.83	2.0	AG44101: Line 13
-53.22	23.15	16.8± 0.7	0.4	2.8	N20°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-53.26	23.51	15.8± 0.7	-0.7	2.9	N20°E	2.76	2.0	Knorr 145: Line 46
-53.32	23.66	15.2± 0.7	-1.4	2.9	N20°E	2.73	2.0	Knorr 145: Line 44
-53.35	23.84	16.0± 0.7	-0.5	3.0	N20°E	2.91	2.0	Knorr 145: Line 42
LW-AN (A2A)								
-46.00	34.20	14.3± 0.5	-0.5	15.2	N16°E	3.60	2.0	Knorr145: Composite of lines 191-215
-47.20	32.89	15.0± 0.6	0.2	13.3	N16°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-47.20	32.92	15.0± 0.6	0.2	13.3	N16°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-47.23	33.00	15.0± 0.6	0.2	13.1	N16°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-46.02	34.00	15.0± 0.6	0.2	12.1	N15°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-44.18	38.43	15.5± 0.6	0.6	6.8	N05°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-44.20	38.77	15.0± 0.6	0.1	6.6	N05°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-43.38	39.73	15.1± 0.6	0.2	6.2	N03°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
-43.86	40.56	15.3± 0.6	0.3	6.2	N06°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-42.88	42.02	14.3± 0.6	-0.8	6.6	N06°E	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-41.04	43.90	14.9± 0.6	-0.1	8.8	N01°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-40.10	45.61	15.0± 0.6	-0.1	11.7	N01°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-40.09	45.77	14.0± 0.6	-1.1	12.0	N01°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-40.06	45.78	15.0± 0.6	-0.1	12.1	N01°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-38.84	46.51	16.1± 0.6	1.0	14.1	N02°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-38.79	46.69	15.0± 0.6	-0.1	14.5	N02°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
SM-AN (A2A)								
-38.75	47.59	14.1± 0.6	†	0.0	N02°W	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-37.72	49.64	16.0± 0.6	†	0.0	N02°W	2.72	2.0	† Gallieni: Line 40
-37.72	49.73	15.4± 0.6	†	0.0	N02°W	2.93	2.0	† Gallieni: Line 39
-37.72	49.77	13.9± 0.6	†	0.0	N05°W	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-37.70	49.82	14.6± 0.6	†	0.0	N02°W	2.93	2.0	† Gallieni: Line 38
-37.69	49.90	14.4± 0.6	†	0.0	N02°W	2.90	2.0	† Gallieni: Line 37
-37.65	49.99	14.4± 0.6	†	0.0	N02°W	2.92	2.0	† Gallieni: Line 36
-37.64	50.08	15.4± 0.9	†	0.0	N02°W	2.94	2.0	† Gallieni: Line 35
-37.64	50.16	13.6± 0.6	†	0.0	N02°W	3.14	2.0	† Gallieni: Line 34
-37.65	50.24	14.2± 0.6	†	0.0	N02°W	2.90	2.0	† Gallieni: Line 33
-37.65	50.33	14.2± 0.6	†	0.0	N02°W	2.87	2.0	† Gallieni: Line 32
-37.62	50.42	14.6± 0.6	†	0.0	N02°W	2.80	2.0	† Gallieni: Line 31
-37.63	50.50	14.2± 0.6	†	0.0	N02°W	2.88	2.0	† Gallieni: Line 30
-37.66	50.58	14.6± 0.6	†	0.0	N02°W	3.01	2.0	† Gallieni: Line 29
-37.45	50.94	15.0± 0.6	†	0.0	N02°W	2.90	2.0	† Gallieni: Line 25
-37.64	50.94	14.2± 0.6	†	0.0	N07°W	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-37.48	51.02	13.9± 0.6	†	0.0	N07°W	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-37.45	51.03	14.4± 0.6	†	0.0	N02°W	2.85	2.0	† Gallieni: Line 24
-37.46	51.19	14.6± 0.6	†	0.0	N02°W	3.12	2.0	† Gallieni: Line 23
-36.07	53.09	13.5± 0.6	†	0.0	N02°E	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-34.71	54.61	14.3± 0.6	†	0.0	N01°W	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-34.36	55.15	15.2± 0.6	†	0.0	N05°W	2.61	2.0	† Gallieni: Line 17
-34.33	55.24	13.6± 0.6	†	0.0	N05°W	2.97	2.0	† Gallieni: Line 16
-34.37	55.30	13.0± 0.6	†	0.0	N01°W	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-34.34	55.32	13.8± 0.6	†	0.0	N05°W	2.76	2.0	† Gallieni: Line 15
-34.39	55.34	14.1± 0.6	†	0.0	N01°W	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-33.76	55.91	13.0± 0.6	†	0.0	N02°W	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-33.77	56.10	14.0± 0.6	†	0.0	N02°W	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-33.73	56.15	13.4± 0.9	†	0.0	N05°W	2.84	2.0	† Gallieni: Line 5
-33.73	56.24	15.0± 0.9	†	0.0	N05°W	2.53	2.0	† Gallieni: Line 4
-33.78	56.26	13.0± 0.6	†	0.0	N02°W	3.16	2.0	† Horner-Johnson <i>et al.</i> (2005)
-33.71	56.32	13.6± 0.9	†	0.0	N05°W	2.74	2.0	† Gallieni: Line 3
-31.88	57.40	15.2± 0.6	0.5	5.4	N05°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-31.80	57.63	14.3± 0.6	-0.4	5.2	N04°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-31.78	57.67	13.4± 0.9	-1.4	2.3	N03°W	2.64	2.0	Line 11: Hosford <i>et al.</i> (2003) magnetic grid
-31.73	57.74	14.6± 0.9	-0.1	2.3	N03°W	2.89	2.0	Line 13: Hosford <i>et al.</i> (2003) magnetic grid
-31.72	57.78	14.8± 0.9	0.0	2.3	N03°W	2.79	2.0	Line 14: Hosford <i>et al.</i> (2003) magnetic grid
-31.75	57.87	13.8± 0.9	-0.9	2.3	N03°W	2.90	2.0	Line 15: Hosford <i>et al.</i> (2003) magnetic grid
-29.23	60.89	14.1± 0.6	0.1	4.6	N14°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-29.07	61.17	13.5± 0.6	-0.5	4.5	N14°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-28.98	61.39	14.0± 0.6	0.0	4.5	N14°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.84	63.89	13.5± 0.6	-0.3	3.7	N09°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.86	64.21	14.5± 0.6	0.8	3.8	N09°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.98	64.74	14.1± 0.6	0.4	3.8	N06°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.95	64.82	14.0± 0.6	0.3	3.8	N06°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.60	65.80	13.2± 0.6	-0.3	4.0	N09°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.60	65.83	14.2± 0.6	0.7	4.0	N09°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.59	65.86	13.7± 0.6	0.2	4.0	N09°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.58	65.90	14.2± 0.6	0.8	4.0	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.58	65.92	13.1± 0.6	-0.3	4.1	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.57	65.95	13.2± 0.6	-0.2	4.1	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.56	65.98	12.6± 0.6	-0.8	4.1	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.54	66.00	12.8± 0.6	-0.6	4.1	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.56	66.00	13.1± 0.6	-0.3	4.1	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.54	66.04	13.2± 0.6	-0.2	4.1	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)

Lat. °N	Long. °E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
-27.53	66.06	13.7± 0.6	0.3	4.1	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.52	66.10	14.2± 0.6	0.8	4.1	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.52	66.15	12.7± 0.6	-0.7	4.1	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-27.50	66.18	14.6± 0.6	1.2	4.1	N10°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)
-26.22	68.32	12.8± 0.9	-0.1	2.4	N16°W	3.08	2.0	Capsing: Line 1
-26.28	68.33	12.4± 0.6	-0.7	5.0	N08°W	3.16	2.0	Horner-Johnson <i>et al.</i> (2005)

CP-SM (AIn)

-10.48	66.38	37.8± 3.2	-0.2	1.3	N51°E	0.78	2.0	AMAG 10.5S DeMets <i>et al.</i> (1994)
-10.50	66.43	35.6± 1.6	-2.9	5.4	N51°E	0.68	2.0	NGDC Cir3m
-10.52	66.41	36.2± 3.2	-1.9	1.3	N51°E	0.77	2.0	AMAG 13.1 DeMets <i>et al.</i> (1994)
-10.59	66.54	37.2± 1.6	-1.1	5.3	N51°E	0.75	2.0	NGDC Cir4m
-10.61	66.48	40.0± 3.2	1.7	1.3	N51°E	0.74	2.0	AMAG 10.6S DeMets <i>et al.</i> (1994)
-10.68	66.49	40.8± 1.6	2.0	5.2	N51°E	0.65	2.0	AMAG 13.3 DeMets <i>et al.</i> (1994)
-12.24	65.70	43.0± 2.4	3.9	2.1	N52°E	0.74	2.0	NGDC Cir06.p2
-12.30	65.74	42.0± 3.2	3.5	1.2	N52°E	0.99	2.0	AMAG 12.3S DeMets <i>et al.</i> (1994)
-12.42	65.91	41.0± 1.6	2.4	4.5	N52°E	1.01	2.0	AMAG 12.4S DeMets <i>et al.</i> (1994)
-12.69	66.14	39.6± 3.2	0.1	1.1	N52°E	0.76	2.0	<i>M. Dufresne</i> 57 Line 1
-12.80	66.28	39.6± 1.6	-0.0	4.2	N52°E	0.79	2.0	NGDC Wi728.p1
-12.86	66.42	38.0± 1.6	-1.8	4.1	N52°E	0.78	2.0	<i>M. Dufresne</i> 57 Line 2
-13.24	66.64	40.8± 2.4	0.5	1.7	N55°E	0.76	2.0	<i>C. Darwin</i> 237 Line 1
-14.44	66.16	39.6± 2.4	-1.4	1.5	N55°E	0.72	2.0	NGDC Ant08.p1
-14.51	66.23	37.4± 1.6	-3.5	3.4	N55°E	0.79	2.0	AMAG 14.5S DeMets <i>et al.</i> (1994)
-14.69	66.34	37.2± 2.4	-4.0	1.5	N55°E	0.76	2.0	NGDC C1706.p1
-14.73	66.44	42.2± 2.4	0.9	1.4	N55°E	0.74	2.0	NGDC Ant08.p2
-14.96	66.88	40.2± 1.6	-1.4	3.0	N55°E	0.77	2.0	AMAG 15.03S DeMets <i>et al.</i> (1994)
-15.14	67.03	42.0± 1.6	0.3	2.9	N55°E	0.78	2.0	AMAG 15.2S DeMets <i>et al.</i> (1994)
-15.38	67.23	44.4± 1.6	2.2	2.8	N55°E	0.73	2.0	NGDC c1402
-15.40	67.23	41.8± 1.6	-0.2	2.8	N55°E	0.79	2.0	NGDC cir06.p3
-15.76	67.25	40.8± 1.6	-1.6	2.7	N55°E	0.76	2.0	AMAG 15.8S DeMets <i>et al.</i> (1994)
-15.83	67.26	43.2± 1.6	0.7	2.6	N58°E	0.74	2.0	<i>C. Darwin</i> 237 Line 3
-15.95	67.33	40.4± 1.6	-2.0	2.5	N58°E	0.78	2.0	NGDC Mnsn3.p1
-16.76	66.67	40.2± 1.6	-2.6	2.4	N59°E	0.77	2.0	AMAG 16.75S DeMets <i>et al.</i> (1994)
-16.81	66.73	45.0± 2.4	2.2	1.1	N60°E	0.77	2.0	<i>M. Dufresne</i> 57 Line 3
-18.46	65.33	42.4± 2.4	-1.1	1.0	N60°E	0.76	2.0	AMAG 18.45S DeMets <i>et al.</i> (1994)
-18.98	65.52	41.0± 1.6	-2.9	2.0	N60°E	0.78	2.0	NGDC Ant05
-19.12	65.54	46.2± 1.6	2.1	2.0	N60°E	0.75	2.0	NGDC Cir07.p2
-19.47	65.83	43.8± 1.6	-0.6	1.9	N60°E	0.77	2.0	<i>M. Dufresne</i> 57 Line 4
-20.15	67.52	44.2± 2.4	-1.7	0.8	N60°E	0.67	2.0	NGDC Vema_2903
-20.27	67.62	45.8± 1.6	0.2	1.7	N60°E	0.76	2.0	<i>M. Dufresne</i> 57 Line 5
-21.29	68.72	44.6± 1.6	-2.1	1.7	N60°E	0.76	2.0	<i>Sonne</i> 43 Line 1
-21.65	68.88	48.6± 1.6	1.4	1.8	N60°E	0.73	2.0	<i>M. Dufresne</i> 23 Line 1
-21.71	68.96	45.6± 1.6	-1.6	1.8	N60°E	0.73	2.0	NGDC Jc2e.2
-21.72	68.97	46.4± 1.6	-0.8	1.8	N60°E	0.74	2.0	NGDC Jc2e.3
-21.78	68.99	48.6± 1.6	1.5	1.8	N60°E	0.79	2.0	NGDC Jc2e.4
-21.80	69.03	48.4± 1.6	1.2	1.8	N60°E	0.75	2.0	NGDC Jc2e.5
-21.83	69.04	46.6± 1.6	-0.6	1.8	N60°E	0.77	2.0	NGDC Jc2e.6
-21.86	69.05	45.8± 1.6	-1.4	1.8	N60°E	0.76	2.0	NGDC Jc2e.7
-21.88	69.10	46.8± 1.6	-0.4	1.8	N60°E	0.77	2.0	NGDC Jc2e.8
-21.94	69.11	49.8± 1.6	2.5	1.8	N60°E	0.76	2.0	NGDC Jc2e.10
-21.96	69.13	49.4± 1.6	2.0	1.8	N60°E	0.74	2.0	NGDC Jc2e.11
-22.00	69.15	48.4± 1.6	1.1	1.8	N60°E	0.77	2.0	NGDC Jc2e.12
-22.01	69.16	49.0± 1.6	1.6	1.8	N60°E	0.77	2.0	NGDC Jc2e.13
-22.54	69.30	49.6± 1.6	1.8	1.9	N60°E	0.76	2.0	<i>Sonne</i> 43 Line 3
-23.04	69.23	49.6± 1.6	1.6	2.0	N60°E	0.78	2.0	<i>Sonne</i> 43 Line 4
-23.83	69.59	47.6± 1.6	-1.1	2.2	N60°E	0.77	2.0	NGDC Ind06.p1
-23.85	69.53	49.8± 1.6	1.1	2.2	N60°E	0.76	2.0	<i>M. Dufresne</i> 61 Line 2
-24.44	69.71	51.6± 2.4	2.7	1.1	N60°E	0.84	2.0	<i>M. Dufresne</i> 61 Line 3
-24.46	69.72	46.6± 2.4	-2.5	1.1	N60°E	0.77	2.0	<i>M. Dufresne</i> 06
-24.77	69.79	47.8± 1.6	-1.6	2.5	N60°E	0.77	2.0	NGDC Ind06.p3
-25.29	69.93	51.6± 1.6	1.8	2.7	N60°E	0.76	2.0	<i>C. Darwin</i> 237 Line 4
-25.40	70.00	50.4± 1.6	0.5	2.8	N60°E	0.76	2.0	NGDC Ind06.p4
-25.41	70.00	51.0± 1.6	1.1	2.8	N60°E	0.75	2.0	NGDC Jc1er.16
-25.41	70.00	51.2± 1.6	1.3	2.8	N60°E	0.76	2.0	<i>M. Dufresne</i> 23 Line 2

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
<i>IN-SM (A2A)</i>								
8.15	58.71	26.8± 0.9	2.7	3.6	N32°E	3.17	3.5	Line 14: Merkouriev & DeMets (2006)
8.12	58.80	26.8± 0.9	2.6	3.6	N32°E	3.19	3.5	Line 15: Merkouriev & DeMets (2006)
8.08	58.87	25.2± 0.9	1.0	3.5	N32°E	3.32	3.5	Line 16: Merkouriev & DeMets (2006)
8.04	58.95	25.4± 1.3	1.1	1.5	N32°E	3.24	3.5	Line 17: Merkouriev & DeMets (2006)
8.03	59.08	24.0± 1.3	-0.4	1.5	N32°E	3.13	3.5	Line 18: Merkouriev & DeMets (2006)
8.00	59.20	24.0± 1.3	-0.6	1.5	N32°E	2.83	3.5	NGDC Owen3
7.97	59.36	24.4± 1.8	-0.3	0.8	N32°E	2.82	3.5	<i>R. V. Sagar Kanya 50 Chaubey et al. (1993)</i>
7.97	59.21	24.6± 0.9	0.0	3.3	N32°E	2.93	3.5	Line 19: Merkouriev & DeMets (2006)
7.95	59.42	25.2± 0.9	0.5	3.2	N32°E	2.80	3.5	Line 21: Merkouriev & DeMets (2006)
7.94	59.32	24.6± 0.9	-0.0	3.2	N32°E	2.93	3.5	Line 20: Merkouriev & DeMets (2006)
7.92	59.51	25.4± 0.9	0.6	3.1	N32°E	2.86	3.5	Line 22: Merkouriev & DeMets (2006)
7.85	59.56	24.0± 0.9	-0.8	3.1	N32°E	3.07	3.5	Line 23: Merkouriev & DeMets (2006)
7.76	59.64	23.8± 0.9	-1.0	3.0	N32°E	3.09	3.5	Line 24: Merkouriev & DeMets (2006)
7.74	59.72	23.8± 1.3	-1.1	1.3	N32°E	3.14	3.5	Line 25: Merkouriev & DeMets (2006)
7.21	59.67	23.6± 1.3	-1.4	1.2	N34°E	3.06	3.5	Line 29: Merkouriev & DeMets (2006)
7.13	59.77	23.6± 1.8	-1.5	0.6	N34°E	3.13	3.5	<i>R. V. Sagar Kanya 50 Chaubey et al. (1993)</i>
7.13	59.71	23.4± 0.9	-1.7	2.6	N34°E	3.16	3.5	Line 30: Merkouriev & DeMets (2006)
7.10	59.82	25.2± 0.9	-0.0	2.5	N34°E	2.97	3.5	Line 31: Merkouriev & DeMets (2006)
7.04	59.92	25.8± 0.9	0.6	2.5	N34°E	3.11	3.5	Line 32: Merkouriev & DeMets (2006)
6.66	60.16	25.4± 0.9	-0.1	2.3	N34°E	3.05	3.5	Line 37: Merkouriev & DeMets (2006)
6.61	60.28	25.6± 0.9	-0.1	2.2	N34°E	2.93	3.5	Line 38: Merkouriev & DeMets (2006)
6.60	60.40	25.0± 0.9	-0.7	2.1	N34°E	2.96	3.5	Line 40: Merkouriev & DeMets (2006)
6.59	60.41	25.0± 0.9	-0.7	2.1	N34°E	2.96	3.5	Line 41: Merkouriev & DeMets (2006)
6.46	60.41	27.2± 0.9	1.4	2.1	N34°E	2.87	3.5	Line 42: Merkouriev & DeMets (2006)
6.42	60.52	26.8± 1.3	0.9	0.9	N34°E	2.89	3.5	Line 43: Merkouriev & DeMets (2006)
6.11	60.79	26.6± 1.3	0.6	0.8	N35°E	3.15	3.5	Line 47: Merkouriev & DeMets (2006)
6.06	60.85	26.0± 0.9	-0.2	1.8	N35°E	2.92	3.5	Line 48: Merkouriev & DeMets (2006)
6.02	60.83	26.0± 0.9	-0.2	1.8	N35°E	2.92	3.5	Line 49: Merkouriev & DeMets (2006)
6.01	60.96	25.0± 0.9	-1.1	1.7	N35°E	3.30	3.5	Line 50: Merkouriev & DeMets (2006)
6.00	60.96	25.0± 0.9	-1.1	1.7	N35°E	3.30	3.5	Line 51: Merkouriev & DeMets (2006)
5.96	61.05	25.6± 0.9	-0.7	1.7	N35°E	3.01	3.5	Line 52: Merkouriev & DeMets (2006)
5.90	61.24	26.4± 0.9	-0.0	1.6	N35°E	3.03	3.5	Line 54: Merkouriev & DeMets (2006)
5.89	61.08	25.8± 0.9	-0.5	1.7	N35°E	3.04	3.5	Line 53: Merkouriev & DeMets (2006)
5.86	61.33	24.6± 0.9	-1.9	1.6	N35°E	3.11	3.5	Line 55: Merkouriev & DeMets (2006)
5.79	61.45	25.4± 0.9	-1.2	1.6	N35°E	3.07	3.5	Line 56: Merkouriev & DeMets (2006)
5.70	61.50	25.0± 0.9	-1.6	1.5	N35°E	3.10	3.5	Line 57: Merkouriev & DeMets (2006)
5.60	61.54	25.4± 0.9	-1.2	1.5	N35°E	3.20	3.5	Line 58: Merkouriev & DeMets (2006)
5.30	61.74	26.6± 0.9	-0.5	1.4	N36°E	2.67	3.5	Line 62: Merkouriev & DeMets (2006)
5.17	61.95	27.0± 0.9	-0.1	1.3	N36°E	2.82	3.5	Line 63: Merkouriev & DeMets (2006)
5.00	62.13	29.0± 0.9	1.7	1.3	N36°E	2.90	3.5	Line 66: Merkouriev & DeMets (2006)
4.99	62.14	28.8± 0.9	1.5	1.3	N36°E	2.89	3.5	Line 65: Merkouriev & DeMets (2006)
4.93	62.21	27.8± 0.9	0.5	1.3	N36°E	3.01	3.5	Line 67: Merkouriev & DeMets (2006)
4.89	62.29	27.6± 0.9	0.2	1.2	N36°E	3.04	3.5	Line 68: Merkouriev & DeMets (2006)
4.71	62.29	27.8± 0.9	0.3	1.2	N36°E	2.84	3.5	Line 69: Merkouriev & DeMets (2006)
4.70	62.40	26.8± 0.9	-0.8	1.2	N36°E	2.74	3.5	Line 70: Merkouriev & DeMets (2006)
4.49	62.51	29.0± 1.8	1.4	0.3	N36°E	3.03	3.5	Line 71: Merkouriev & DeMets (2006)
4.31	62.64	29.8± 0.9	2.0	1.1	N36°E	3.08	3.5	Line 72: Merkouriev & DeMets (2006)
4.24	62.64	28.0± 1.3	0.2	0.5	N36°E	3.01	3.5	NGDC Owen6.2
4.15	62.82	27.8± 0.9	-0.1	1.1	N36°E	3.08	3.5	Line 73: Merkouriev & DeMets (2006)
4.07	62.90	28.4± 0.9	0.4	1.1	N36°E	2.95	3.5	Line 74: Merkouriev & DeMets (2006)
4.04	63.03	27.0± 1.3	-0.9	0.5	N36°E	3.62	3.5	Line 75: Merkouriev & DeMets (2006)
3.96	63.20	29.0± 1.3	0.8	0.5	N36°E	2.89	3.5	Line 77: Merkouriev & DeMets (2006)
3.87	63.28	27.6± 1.3	-0.5	0.5	N36°E	3.62	3.5	Line 78: Merkouriev & DeMets (2006)
3.82	63.35	30.6± 1.8	2.2	0.3	N36°E	2.76	3.5	Line 79: Merkouriev & DeMets (2006)
3.81	63.46	29.4± 1.3	1.1	0.5	N36°E	3.37	3.5	Line 80: Merkouriev & DeMets (2006)
3.77	63.75	30.2± 1.3	1.6	0.5	N36°E	2.93	3.5	Line 84: Merkouriev & DeMets (2006)
3.77	63.74	30.0± 1.3	1.4	0.5	N36°E	2.94	3.5	Line 83: Merkouriev & DeMets (2006)
3.77	63.52	28.6± 1.3	0.1	0.5	N36°E	3.00	3.5	Line 81: Merkouriev & DeMets (2006)
3.73	63.79	31.2± 1.8	2.6	0.3	N36°E	3.09	3.5	NGDC Owen1
3.72	63.93	30.8± 1.3	2.1	0.5	N36°E	3.05	3.5	Line 86: Merkouriev & DeMets (2006)
3.71	63.84	30.8± 1.3	2.1	0.5	N36°E	2.88	3.5	Line 85: Merkouriev & DeMets (2006)
3.71	63.78	28.8± 1.3	0.2	0.5	N36°E	3.03	3.5	NGDC C1707.1
3.64	63.96	29.6± 1.3	1.0	0.5	N36°E	3.39	3.5	Line 87: Merkouriev & DeMets (2006)

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
3.60	64.09	28.2± 1.3	-0.6	0.5	N36°E	3.02	3.5	Line 88: Merkouriev & DeMets (2006)
3.56	64.18	30.0± 0.9	1.2	1.1	N36°E	3.07	3.5	Line 89: Merkouriev & DeMets (2006)
3.50	64.26	28.8± 0.9	-0.1	1.1	N36°E	3.21	3.5	Line 90: Merkouriev & DeMets (2006)
3.41	64.35	29.4± 0.9	0.4	1.1	N36°E	3.00	3.5	Line 91: Merkouriev & DeMets (2006)
3.34	64.48	29.0± 0.9	-0.1	1.1	N36°E	3.05	3.5	Line 92: Merkouriev & DeMets (2006)
3.30	64.56	29.8± 0.9	0.7	1.1	N36°E	3.01	3.5	Line 93: Merkouriev & DeMets (2006)
3.28	64.69	28.4± 1.8	-0.7	0.3	N36°E	3.47	3.5	Line 94: Merkouriev & DeMets (2006)
3.22	64.70	31.0± 1.8	1.8	0.3	N36°E	3.12	3.5	AMAG 3.15N DeMets <i>et al.</i> (1994)
3.20	64.75	28.8± 1.8	-0.3	0.3	N36°E	3.40	3.5	Line 95: Merkouriev & DeMets (2006)
3.07	64.94	30.4± 0.9	1.0	1.2	N36°E	3.01	3.5	Line 97: Merkouriev & DeMets (2006)
3.05	65.66	31.0± 1.8	1.2	0.3	N36°E	2.98	3.5	Line 104: Merkouriev & DeMets (2006)
3.04	65.06	29.4± 0.9	-0.1	1.2	N36°E	3.05	3.5	Line 98: Merkouriev & DeMets (2006)
3.02	65.86	29.2± 0.9	-0.7	1.3	N36°E	3.08	3.5	Line 105: Merkouriev & DeMets (2006)
3.00	65.42	32.4± 1.8	2.6	0.3	N36°E	2.75	3.5	Line 102: Merkouriev & DeMets (2006)
3.00	65.15	30.0± 0.9	0.4	1.2	N36°E	2.96	3.5	Line 99: Merkouriev & DeMets (2006)
3.00	65.21	30.0± 1.3	0.4	0.6	N36°E	2.97	3.5	Line 100: Merkouriev & DeMets (2006)
2.98	65.93	29.2± 0.9	-0.8	1.4	N36°E	3.04	3.5	Line 106: Merkouriev & DeMets (2006)
2.94	66.02	30.0± 0.9	-0.0	1.4	N36°E	3.06	3.5	Line 107: Merkouriev & DeMets (2006)
2.89	66.00	29.4± 0.9	-0.6	1.4	N36°E	3.08	3.5	AMAG 2.9N DeMets <i>et al.</i> (1994)
2.87	66.14	30.0± 0.9	-0.1	1.4	N36°E	3.01	3.5	Line 108: Merkouriev & DeMets (2006)
2.76	66.21	30.4± 0.9	0.2	1.5	N36°E	2.99	3.5	Line 109: Merkouriev & DeMets (2006)
2.69	66.41	29.4± 0.9	-0.9	1.5	N36°E	3.11	3.5	<i>M. Dufresne 57 2.7N</i>
2.68	66.24	29.8± 0.9	-0.4	1.5	N36°E	3.17	3.5	Line 110: Merkouriev & DeMets (2006)
2.64	66.33	29.6± 0.9	-0.7	1.5	N36°E	3.12	3.5	Line 111: Merkouriev & DeMets (2006)
2.58	66.45	29.8± 0.9	-0.6	1.6	N36°E	2.84	3.5	AMAG 2.6N DeMets <i>et al.</i> (1994)
2.52	66.43	30.0± 0.9	-0.4	1.6	N36°E	3.07	3.5	Line 112: Merkouriev & DeMets (2006)
2.47	66.54	29.2± 1.3	-1.2	0.7	N36°E	3.15	3.5	<i>M. Dufresne 57 2.6N</i>
2.36	66.72	30.0± 0.9	-0.8	1.7	N36°E	2.52	3.5	Line 115: Merkouriev & DeMets (2006)
1.47	66.95	29.6± 0.9	-1.4	2.0	N37°E	3.14	3.5	Line 123: Merkouriev & DeMets (2006)
1.44	67.04	30.4± 0.9	-0.6	2.0	N37°E	3.07	3.5	Line 124: Merkouriev & DeMets (2006)
1.42	66.93	30.0± 1.3	-0.9	0.9	N37°E	3.19	3.5	AMAG 1.45N DeMets <i>et al.</i> (1994)
0.20	66.96	30.8± 0.9	-0.6	2.5	N39°E	3.08	3.5	Line 128: Merkouriev & DeMets (2006)
0.17	67.01	31.2± 0.9	-0.2	2.5	N39°E	3.02	3.5	Line 129: Merkouriev & DeMets (2006)
0.17	67.04	31.0± 0.9	-0.5	2.5	N39°E	3.04	3.5	AMAG 0.15N DeMets <i>et al.</i> (1994)
0.17	67.10	30.6± 0.9	-0.9	2.6	N39°E	3.10	3.5	Line 130: Merkouriev & DeMets (2006)
0.15	66.86	31.2± 0.9	-0.1	2.5	N39°E	3.17	3.5	Line 127: Merkouriev & DeMets (2006)
-0.52	67.16	30.4± 0.9	-1.4	2.9	N39°E	3.09	3.5	Line 134: Merkouriev & DeMets (2006)
-0.54	67.23	31.4± 0.9	-0.4	2.9	N39°E	3.04	3.5	AMAG 0.5S DeMets <i>et al.</i> (1994)
-0.57	67.24	31.2± 0.9	-0.6	2.9	N39°E	3.07	3.5	Line 135: Merkouriev & DeMets (2006)
-0.64	67.30	31.4± 0.9	-0.5	3.0	N39°E	3.06	3.5	Line 136: Merkouriev & DeMets (2006)
-0.88	67.45	31.4± 0.9	-0.6	3.1	N39°E	3.05	3.5	Line 138: Merkouriev & DeMets (2006)
-0.90	67.45	31.8± 0.9	-0.2	3.1	N39°E	3.07	3.5	AMAG 0.9S DeMets <i>et al.</i> (1994)
-1.45	67.61	32.4± 0.9	0.0	3.5	N39°E	2.88	3.5	AMAG 1.5S DeMets <i>et al.</i> (1994)
-1.45	67.56	31.6± 0.9	-0.6	3.4	N39°E	3.45	3.5	Line 142: Merkouriev & DeMets (2006)
-1.51	67.63	34.0± 0.9	1.6	3.5	N39°E	2.88	3.5	<i>M. Dufresne 57 1.5S</i>
-1.55	67.63	34.4± 0.9	2.1	3.5	N39°E	3.20	3.5	Line 143: Merkouriev & DeMets (2006)
-1.63	67.72	32.4± 0.9	-0.1	3.6	N39°E	2.97	3.5	Line 144: Merkouriev & DeMets (2006)
-1.68	67.81	33.2± 0.9	0.7	3.7	N39°E	3.02	3.5	AMAG 1.7S DeMets <i>et al.</i> (1994)
-1.70	67.78	33.6± 0.9	1.1	3.7	N39°E	3.00	3.5	Line 145: Merkouriev & DeMets (2006)
-2.79	68.14	33.6± 0.9	0.5	4.4	N39°E	3.01	3.5	AMAG 2.8S DeMets <i>et al.</i> (1994)
-3.29	68.10	33.0± 0.9	†	0.0	N40°E	3.03	3.5	† AMAG 3.3S DeMets <i>et al.</i> (1994)
-3.53	68.45	33.0± 0.9	†	0.0	N40°E	3.00	3.5	† AMAG 3.5S DeMets <i>et al.</i> (1994)
-3.56	68.39	33.4± 0.9	†	0.0	N40°E	3.04	3.5	† <i>M. Dufresne 57 3.8S.</i>
-4.25	68.45	34.0± 0.9	†	0.0	N40°E	3.05	3.5	† <i>M. Dufresne 57 4.2S.</i>
-4.29	68.48	34.4± 1.3	†	0.0	N40°E	3.01	3.5	† AMAG 4.3S DeMets <i>et al.</i> (1994)
-4.32	68.65	32.6± 0.9	†	0.0	N40°E	3.10	3.5	† AMAG 4.42S DeMets <i>et al.</i> (1994)
-5.01	68.38	33.8± 0.9	†	0.0	N41°E	2.99	3.5	† AMAG 4.95S DeMets <i>et al.</i> (1994)
-6.14	68.11	34.0± 0.9	†	0.0	N44°E	3.06	3.5	† AMAG 6.19S DeMets <i>et al.</i> (1994)
-6.27	68.24	34.0± 1.3	†	0.0	N45°E	3.29	3.5	† <i>M. Dufresne 23 6S.</i>
-6.40	68.25	32.4± 1.8	†	0.0	N45°E	3.11	3.5	† AMAG 6.3S DeMets <i>et al.</i> (1994)
-7.21	68.12	35.2± 0.9	†	0.0	N47°E	2.92	3.5	† AMAG 7.25S DeMets <i>et al.</i> (1994)
-7.23	68.06	35.6± 0.9	†	0.0	N47°E	2.84	3.5	† AMAG 12.1 DeMets <i>et al.</i> (1994)
-7.27	68.12	34.8± 0.9	†	0.0	N47°E	2.93	3.5	† AMAG 12.2 DeMets <i>et al.</i> (1994)
-7.90	68.01	34.4± 1.3	†	0.0	N49°E	3.04	3.5	† AMAG 12.5 DeMets <i>et al.</i> (1994)
-7.92	68.08	34.0± 0.9	†	0.0	N49°E	3.10	3.5	† AMAG 12.6 DeMets <i>et al.</i> (1994)
-7.93	67.98	33.8± 0.9	†	0.0	N49°E	3.02	3.5	† AMAG 7.95S DeMets <i>et al.</i> (1994)

Lat. °N	Long. °E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
-8.07	68.09	34.2± 0.9	†	0.0	N49°E	3.06	3.5	† AMAG 13.1 DeMets <i>et al.</i> (1994)
<i>AR-SM (A2A)</i>								
12.02	44.19	13.0± 0.8	-0.9	4.7	N02°W	3.16	2.0	DD671 (Russian) Line 15
12.08	44.35	14.2± 0.8	0.2	4.5	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line K
12.02	44.39	13.2± 0.8	-0.8	4.5	N02°W	3.16	2.0	NGDC DSDP23 Line 1
12.09	44.52	13.8± 0.8	-0.3	4.4	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line J
12.02	44.61	13.4± 0.8	-0.8	4.3	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line I
12.05	44.79	14.0± 0.8	-0.3	4.1	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line H
12.09	44.84	13.0± 1.0	-1.3	2.5	N02°W	3.08	2.0	TADJOURADEN 5 Dauteil <i>et al.</i> (2001)
12.06	44.94	14.4± 0.8	0.0	4.0	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line G
12.08	45.01	13.2± 1.0	-1.3	2.4	N02°W	3.01	2.0	TADJOURADEN 4 Dauteil <i>et al.</i> (2001)
12.03	45.07	13.2± 1.3	-1.3	1.5	N02°W	3.16	2.0	<i>Shackleton 11/79</i> Line 1
12.00	45.09	14.4± 0.8	-0.1	3.9	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line F
12.06	45.18	13.2± 1.0	-1.4	2.3	N02°W	3.10	2.0	TADJOURADEN 3 Dauteil <i>et al.</i> (2001)
12.04	45.22	14.4± 0.8	-0.2	3.8	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line E
12.00	45.28	15.4± 0.8	0.8	3.8	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line D
12.04	45.32	15.2± 1.0	0.4	2.3	N02°W	2.60	2.0	TADJOURADEN 2 Dauteil <i>et al.</i> (2001)
12.05	45.47	15.0± 1.0	0.2	2.2	N02°W	2.92	2.0	TADJOURADEN 1 Dauteil <i>et al.</i> (2001)
12.07	45.50	14.8± 0.8	0.0	3.6	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line C
12.02	45.59	14.8± 1.3	-0.0	1.4	N02°W	3.16	2.0	<i>Shackleton 11/79</i> Line 2
12.03	45.60	15.6± 0.8	0.8	3.6	N02°W	3.16	2.0	DD671 (Russian) Line 16
12.12	45.67	16.4± 0.8	1.5	3.5	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line B
12.09	45.84	13.4± 0.8	-1.6	3.4	N02°W	3.16	2.0	<i>Shackleton 2/75</i> Line A
12.07	45.85	16.0± 0.8	1.0	3.4	N02°W	3.16	2.0	DD671 (Russian) Line 17
12.02	46.00	14.6± 0.8	-0.5	3.4	N02°W	3.16	2.0	NGDC DSDP23 Line 2
12.39	47.25	13.2± 1.3	-0.2	1.6	N15°W	3.16	2.0	1°-square Laughton <i>et al.</i> (1970) Line 4
12.37	47.35	14.8± 0.8	1.3	4.2	N15°W	3.16	2.0	DD671 (Russian) Line 18
12.44	47.52	12.8± 1.3	-0.8	1.6	N15°W	3.16	2.0	1°-square Laughton <i>et al.</i> (1970) Line 7
12.42	47.82	14.6± 1.3	0.8	1.6	N15°W	3.16	2.0	1°-square Laughton <i>et al.</i> (1970) Line 14
12.44	47.90	14.2± 1.3	0.4	1.6	N15°W	3.16	2.0	1°-square Laughton <i>et al.</i> (1970) Line 15
12.96	49.02	19.8± 1.3	0.1	1.6	N29°E	3.16	2.0	NGDC <i>Conrad 0901</i> Line 1
12.90	49.10	18.2± 0.8	-1.5	4.1	N29°E	3.16	2.0	<i>Shackleton 11/79</i> Line 3
13.30	49.90	20.0± 0.8	-0.1	4.1	N29°E	3.16	2.0	<i>Shackleton 11/79</i> Line 5
13.21	50.25	21.8± 0.8	1.5	4.1	N29°E	3.16	2.0	<i>Shackleton 11/79</i> Line 6
13.28	50.62	21.4± 1.3	0.9	1.5	N29°E	3.16	2.0	NGDC DSDP24 Line 1
13.29	50.65	22.0± 0.8	1.4	4.1	N29°E	3.16	2.0	<i>Shackleton 11/79</i> Line 7
13.33	50.70	20.0± 0.8	-0.6	4.1	N29°E	3.16	2.0	DD671 (Russian) Line 20
13.24	50.90	19.6± 0.8	-1.1	4.1	N29°E	3.16	2.0	DD671 (Russian) Line 21
13.24	50.95	20.2± 0.8	-0.6	4.1	N29°E	3.16	2.0	<i>Shackleton 11/79</i> Line 8
13.13	51.20	21.2± 0.8	0.3	4.2	N29°E	3.16	2.0	<i>Shackleton 11/79</i> Line 9
14.60	52.20	19.0± 1.3	-1.9	1.4	N13°E	3.16	2.0	<i>Shackleton 11/79</i> Line 10
14.50	52.60	19.6± 1.3	-1.6	1.5	N13°E	3.16	2.0	DD671 (Russian) Line 10
14.47	52.70	21.8± 0.8	0.6	4.0	N13°E	3.16	2.0	<i>Shackleton 11/79</i> Line 11
14.31	53.57	22.2± 0.8	0.3	4.8	N13°E	3.16	2.0	DD671 (Russian) Line 11
14.70	54.80	21.6± 0.8	-0.1	7.3	N03°E	3.16	2.0	DD671 (Russian) Line 1
14.70	55.30	23.0± 0.8	1.0	8.0	N03°E	3.16	2.0	NGDC <i>Vema 3502</i> Line 6
14.70	55.50	22.2± 0.8	0.1	8.4	N03°E	3.16	2.0	DD671 (Russian) Line 2
14.60	56.00	23.0± 0.8	-0.4	7.7	N13°E	3.16	2.0	DD671 (Russian) Line 3
14.60	56.10	24.8± 1.3	2.2	2.6	N38°E	3.16	2.0	<i>Shackleton 3/75</i> Line 4
14.50	56.37	23.2± 0.8	0.4	7.1	N38°E	3.16	2.0	NGDC <i>Vema 3502</i> Line 7
14.37	56.64	22.8± 0.8	-0.2	7.4	N38°E	3.16	2.0	DD671 (Russian) Line 4
13.90	57.00	23.6± 0.8	0.2	8.0	N38°E	3.16	2.0	DD671 (Russian) Line 5
13.80	57.30	24.0± 0.8	0.4	8.3	N38°E	3.16	2.0	DD671 (Russian) Line 7
<i>AR-NB (A2A)</i>								
25.77	35.73	9.7± 1.6	0.2	1.7	N50°E	3.16	2.0	Chu & Gordon (1998)
25.36	36.02	10.0± 1.6	0.1	1.5	N50°E	3.16	2.0	Chu & Gordon (1998)
22.22	37.86	13.6± 0.8	1.2	3.1	N50°E	3.16	2.0	Chu & Gordon (1998)
22.19	37.89	10.8± 0.8	-1.6	3.1	N50°E	3.16	2.0	Chu & Gordon (1998)
22.16	37.91	11.8± 0.8	-0.6	3.1	N50°E	3.16	2.0	Chu & Gordon (1998)
22.13	37.97	12.7± 0.8	0.2	3.1	N50°E	3.16	2.0	Chu & Gordon (1998)
21.92	37.86	12.4± 0.8	0.9	7.7	N69°E	3.16	2.0	Chu & Gordon (1998)

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
20.96	38.19	11.0± 0.8	-1.2	7.7	N69°E	3.16	2.0	Chu & Gordon (1998)
20.94	38.23	11.6± 0.8	-0.6	7.7	N69°E	3.16	2.0	Chu & Gordon (1998)
20.87	38.10	12.6± 0.8	0.4	7.7	N69°E	3.16	2.0	Chu & Gordon (1998)
20.21	38.29	12.2± 0.8	-0.5	7.8	N69°E	3.16	2.0	Chu & Gordon (1998)
20.02	38.42	13.8± 0.8	0.2	3.1	N57°E	3.16	2.0	Chu & Gordon (1998)
20.00	38.53	12.6± 0.8	-1.1	3.1	N57°E	3.16	2.0	Chu & Gordon (1998)
19.97	38.56	12.0± 0.8	-1.7	3.1	N57°E	3.16	2.0	Chu & Gordon (1998)
19.94	38.61	13.2± 0.8	-0.5	3.1	N57°E	3.16	2.0	Chu & Gordon (1998)
19.77	38.68	13.6± 0.8	-0.5	2.7	N46°E	3.16	2.0	Chu & Gordon (1998)
19.61	38.77	13.8± 0.8	-0.4	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
19.58	38.81	13.0± 0.8	-1.2	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
19.55	38.86	14.7± 0.8	0.5	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
19.52	38.89	15.0± 0.8	0.7	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
19.39	38.95	14.0± 0.8	-0.4	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
19.36	38.99	14.6± 0.8	0.2	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
19.31	39.00	14.8± 0.8	0.4	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
19.28	39.05	15.0± 0.8	0.5	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
19.19	39.16	14.8± 0.8	0.2	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
19.16	39.08	15.2± 0.8	0.7	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
19.06	39.30	15.2± 0.8	0.5	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
19.02	39.33	15.3± 0.8	0.6	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.99	39.37	15.6± 0.8	0.8	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.95	39.40	14.6± 0.8	-0.2	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.92	39.43	15.4± 0.8	0.6	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.85	39.48	15.2± 0.8	0.3	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.82	39.53	15.4± 0.8	0.5	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.80	39.62	15.0± 0.8	0.0	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.78	39.55	15.0± 0.8	0.1	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.74	39.59	15.2± 0.8	0.2	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.71	39.62	14.8± 0.8	-0.2	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.63	39.69	15.4± 0.8	0.3	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.55	39.75	15.2± 0.8	0.1	2.5	N46°E	3.16	2.0	Chu & Gordon (1998)
18.48	39.78	15.5± 0.8	0.3	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
18.42	39.83	15.5± 0.8	0.3	2.6	N46°E	3.16	2.0	Chu & Gordon (1998)
18.35	39.88	16.1± 0.8	0.9	2.8	N54°E	3.16	2.0	Chu & Gordon (1998)
18.31	39.79	15.2± 0.8	-0.0	2.8	N54°E	3.16	2.0	Chu & Gordon (1998)
18.04	40.04	14.8± 0.8	-0.7	2.9	N54°E	3.16	2.0	Chu & Gordon (1998)
17.96	40.06	15.9± 0.8	0.4	2.9	N54°E	3.16	2.0	Chu & Gordon (1998)

CP-AN (AIn)

-25.67	70.09	57.2± 1.2	0.9	2.6	N48°E	0.80	2.0	NGDC 02020065.p6
-25.67	70.10	55.6± 1.2	-0.7	2.6	N48°E	0.80	2.0	NGDC 67010133.p6
-25.69	70.11	55.4± 1.2	-0.9	2.6	N48°E	0.80	2.0	NGDC 67010133.p5
-25.73	70.13	56.4± 1.2	0.1	2.6	N48°E	0.79	2.0	NGDC 67010133.p4
-25.75	70.16	55.2± 1.2	-1.2	2.6	N48°E	0.79	2.0	NGDC 67010133.p3
-25.78	70.20	54.8± 1.2	-1.6	2.6	N48°E	0.79	2.0	NGDC 67010133.p2
-25.81	70.23	56.0± 1.2	-0.4	2.5	N48°E	0.78	2.0	NGDC 02020065.p5
-26.07	71.38	57.8± 1.2	0.9	2.5	N48°E	0.78	2.0	NGDC 67010133.p1
-26.22	71.51	58.0± 1.2	1.0	2.5	N48°E	0.78	2.0	NGDC 02020065.p3
-26.37	71.95	59.6± 1.8	2.3	1.1	N48°E	0.75	2.0	NGDC 02020065.p2
-26.68	72.06	57.0± 1.2	-0.3	2.6	N48°E	0.78	2.0	NGDC 02020065.p1
-27.22	72.73	58.2± 1.8	0.6	1.2	N48°E	0.80	2.0	NGDC 15010021.p1
-27.44	73.51	56.6± 1.8	-1.4	1.3	N48°E	0.78	2.0	NGDC 67010133.p9
-27.46	73.54	57.4± 1.2	-0.6	3.0	N48°E	0.78	2.0	NGDC 67010133.p10
-27.49	73.57	56.6± 1.2	-1.4	3.0	N48°E	0.78	2.0	NGDC 67010133.p11
-27.51	73.59	57.6± 1.2	-0.5	3.0	N48°E	0.77	2.0	NGDC 67010133.p12
-27.54	73.63	57.2± 1.2	-0.8	3.0	N48°E	0.79	2.0	NGDC 67010133.p13
-27.56	73.64	59.6± 1.2	1.6	3.1	N48°E	0.79	2.0	NGDC 67010133.p14
-27.58	73.66	57.6± 1.2	-0.4	3.1	N48°E	0.79	2.0	NGDC 67010133.p15
-27.62	73.70	57.8± 1.2	-0.2	3.1	N48°E	0.79	2.0	NGDC 67010133.p16
-27.67	73.74	60.0± 1.2	1.9	3.1	N48°E	0.78	2.0	NGDC 67010133.p19
-27.61	73.75	57.6± 1.2	-0.5	3.1	N48°E	0.79	2.0	NGDC 67010133.p17
-27.69	73.76	58.8± 1.2	0.7	3.1	N48°E	0.78	2.0	NGDC 67010133.p20
-27.69	73.82	58.8± 1.2	0.7	3.1	N48°E	0.78	2.0	NGDC 67010133.p21
-27.77	73.84	58.8± 1.2	0.6	3.2	N48°E	0.76	2.0	M. Dufresne 37 Line 9

Lat. °N	Long. °E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
-27.71	73.85	57.2± 1.2	-0.9	3.1	N48°E	0.78	2.0	NGDC 67010133.p22
-27.74	73.88	57.6± 1.2	-0.6	3.2	N48°E	0.78	2.0	NGDC 67010133.p23
-27.75	73.91	57.2± 1.2	-1.0	3.2	N48°E	0.78	2.0	NGDC 67010133.p24
-27.77	73.94	58.2± 1.2	0.0	3.2	N48°E	0.78	2.0	NGDC 67010133.p25
-27.83	74.05	58.4± 1.8	0.0	1.4	N48°E	0.74	2.0	NGDC 67010133.p26
-27.94	74.06	58.6± 1.2	0.3	3.3	N48°E	0.77	2.0	NGDC 67010133.p29
-27.84	74.08	58.6± 1.8	0.2	1.4	N48°E	0.73	2.0	NGDC 67010133.p27
-27.84	74.11	59.2± 1.8	0.7	1.4	N48°E	0.72	2.0	NGDC 67010133.p28
-27.92	74.15	58.2± 1.2	-0.2	3.3	N48°E	0.76	2.0	NGDC 67010133.p7
-27.95	74.27	59.6± 1.2	1.1	3.3	N48°E	0.74	2.0	NGDC 01030150.p1
-28.88	74.70	55.6± 1.2	†	0.0	N48°E	0.78	2.0	† NGDC 67010132.p1.
-29.08	74.93	59.2± 2.5	†	0.0	N48°E	0.77	2.0	† <i>M. Dufresne</i> 01 Line 1.
-29.52	75.19	58.8± 1.2	†	0.0	N48°E	0.78	2.0	† NGDC 15050024.p1.
-31.17	76.42	65.0± 1.2	†	0.0	N48°E	0.79	2.0	† <i>M. Dufresne</i> 37 Line 8.
-32.33	77.27	59.8± 1.2	†	0.0	N50°E	0.77	2.0	† <i>M. Dufresne</i> 06 Line 1.
-33.88	77.52	63.6± 1.2	†	0.0	N50°E	0.77	2.0	† Boomerang 06 Line 25.
-32.63	77.67	58.8± 1.8	†	0.0	N50°E	0.76	2.0	† <i>M. Dufresne</i> 37 Line 3.
-32.91	77.90	60.8± 1.2	†	0.0	N50°E	0.78	2.0	† Boomerang 06 Line 24.
-34.34	78.03	64.2± 1.2	†	0.0	N52°E	0.77	2.0	† <i>M. Dufresne</i> 37 Line 7.
-34.77	78.50	60.2± 1.2	†	0.0	N52°E	0.78	2.0	† NGDC 67010132.p3.
-34.94	78.72	62.6± 1.2	†	0.0	N52°E	0.78	2.0	† <i>Gallieni</i> 03 Line 1.
-34.94	78.75	63.0± 1.2	†	0.0	N52°E	0.77	2.0	† <i>Gallieni</i> 03 Line 3.
-35.61	78.45	64.4± 1.2	†	0.0	N52°E	0.80	2.0	† Boomerang 06 Line 32.
-35.77	78.58	63.8± 1.2	†	0.0	N52°E	0.79	2.0	† Boomerang 06 Line 31.
-35.91	78.72	66.0± 1.2	†	0.0	N52°E	0.80	2.0	† Boomerang 06 Line 30.
-36.06	78.84	65.4± 1.2	†	0.0	N52°E	0.81	2.0	† Boomerang 06 Line 29.
-36.19	78.97	64.6± 1.2	†	0.0	N52°E	0.80	2.0	† Boomerang 06 Line 34.
-37.07	78.23	65.6± 1.2	†	0.0	N52°E	0.76	2.0	† Boomerang 06 Line 33.
-37.18	78.21	63.6± 1.8	†	0.0	N52°E	0.78	2.0	† Boomerang 06 Line 28.
-38.38	78.54	65.8± 1.8	†	0.0	N52°E	0.76	2.0	† Boomerang 06 Line 18.

AU-AN (AIn)

-40.54	78.14	62.6± 1.6	-2.0	3.0	N50°E	0.79	2.0	Boomerang 06 Line 14
-40.63	78.20	63.6± 1.6	-1.0	2.9	N50°E	0.79	2.0	Boomerang 06 Line 15
-40.74	78.30	65.0± 1.6	0.3	2.9	N50°E	0.80	2.0	Boomerang 06 Line 13
-40.88	78.70	66.2± 1.6	1.3	2.8	N50°E	0.78	2.0	Boomerang 06 Line 11
-41.02	78.82	64.0± 1.6	-1.0	2.8	N50°E	0.79	2.0	<i>Gallieni</i> 01 Line 6
-41.09	78.93	65.4± 1.6	0.4	2.8	N50°E	0.81	2.0	Boomerang 06 Line 10
-41.24	79.11	65.0± 1.6	-0.1	2.7	N50°E	0.79	2.0	Boomerang 06 Line 9
-41.34	79.32	66.2± 1.6	1.0	2.7	N50°E	0.79	2.0	Boomerang 06 Line 8
-41.52	79.41	65.0± 1.6	-0.3	2.7	N50°E	0.78	2.0	Boomerang 06 Line 7
-41.65	79.57	65.4± 1.6	-0.0	2.6	N50°E	0.78	2.0	Boomerang 06 Line 6
-41.76	79.77	66.0± 1.6	0.4	2.6	N50°E	0.77	2.0	Boomerang 06 Line 5
-41.11	81.00	66.0± 1.6	0.4	2.6	N48°E	0.80	2.0	Boomerang 06 Line 4
-41.23	81.16	65.2± 1.6	-0.5	2.6	N48°E	0.78	2.0	Boomerang 06 Line 3
-41.30	81.25	65.6± 1.6	-0.1	2.5	N48°E	0.80	2.0	NGDC 01010048.p1
-42.70	83.08	66.8± 1.6	-0.0	2.2	N46°E	0.78	2.0	Boomerang 06 Line 1
-41.94	87.81	68.0± 2.4	0.2	0.8	N38°E	0.76	2.0	NGDC 01020057.p1
-42.35	89.77	67.0± 1.6	-1.5	1.7	N38°E	0.77	2.0	NGDC 15020168.p17
-42.41	89.86	66.2± 1.6	-2.3	1.7	N38°E	0.76	2.0	NGDC 15020168.p16
-42.39	90.01	70.6± 1.6	2.0	1.6	N38°E	0.75	2.0	NGDC 15020168.p15
-42.48	90.08	71.2± 1.6	2.6	1.6	N38°E	0.76	2.0	NGDC 15020168.p14
-42.55	90.17	68.4± 1.6	-0.2	1.6	N38°E	0.78	2.0	NGDC 15020168.p13
-42.59	90.28	69.8± 1.6	1.2	1.6	N38°E	0.78	2.0	NGDC 15020168.p12
-42.65	90.39	68.8± 1.6	0.1	1.6	N38°E	0.78	2.0	NGDC 15020168.p11
-42.71	90.47	68.6± 1.6	-0.1	1.6	N38°E	0.79	2.0	NGDC 15020168.p10
-42.76	90.58	68.4± 1.6	-0.3	1.6	N38°E	0.79	2.0	NGDC 15020168.p9
-42.83	90.68	69.8± 1.6	1.0	1.6	N38°E	0.78	2.0	NGDC 15020168.p8
-42.88	90.78	70.0± 1.6	1.2	1.5	N38°E	0.78	2.0	NGDC 15020168.p7
-42.95	90.89	70.0± 1.6	1.1	1.5	N38°E	0.77	2.0	NGDC 15020168.p6
-42.98	90.95	66.2± 1.6	-2.8	1.5	N38°E	0.76	2.0	NGDC 24070001.p2
-43.01	90.99	71.4± 1.6	2.5	1.5	N38°E	0.77	2.0	NGDC 15020168.p5
-43.07	91.09	69.0± 1.6	0.1	1.5	N38°E	0.78	2.0	NGDC 15020168.p4
-43.13	91.19	68.2± 1.6	-0.8	1.5	N38°E	0.77	2.0	NGDC 15020168.p3
-43.44	92.40	69.2± 1.6	-0.2	1.4	N38°E	0.75	2.0	NGDC 15020168.p1

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
-43.58	92.45	72.6± 1.6	3.1	1.4	N38°E	0.76	2.0	NGDC 01020049.p1
-44.08	93.67	73.6± 1.6	3.8	1.2	N38°E	0.76	2.0	NGDC 24070001.p1
-45.10	95.94	70.6± 2.4	0.4	0.5	N40°E	0.75	2.0	Westward 09 Line 1
-46.70	96.22	69.2± 1.6	-1.5	1.0	N38°E	0.76	2.0	NGDC 23060023.p2
-46.83	96.53	70.8± 1.6	0.1	1.0	N38°E	0.79	2.0	NGDC 01020057.p2
-47.02	96.72	69.6± 1.6	-1.3	0.9	N38°E	0.75	2.0	NGDC 23060023.p3
-47.09	96.86	70.2± 2.4	-0.7	0.4	N38°E	0.74	2.0	Westward 09 Line 3
-47.38	97.37	73.8± 2.4	2.9	0.4	N38°E	0.78	2.0	NGDC 23060023.p1
-47.35	97.55	70.0± 1.6	-1.0	0.9	N38°E	0.76	2.0	NGDC 24050001.p1
-47.23	100.44	71.0± 1.6	-0.6	0.8	N31°E	0.75	2.0	Westward 09 Line 31
-47.26	100.56	70.4± 1.6	-1.3	0.8	N31°E	0.74	2.0	Westward 09 Line 30
-47.32	100.65	69.6± 1.6	-2.0	0.8	N31°E	0.76	2.0	Westward 09 Line 29
-47.36	100.76	69.4± 1.6	-2.3	0.8	N31°E	0.74	2.0	Westward 09 Line 28
-47.38	100.80	69.4± 1.6	-2.4	0.8	N31°E	0.73	2.0	NGDC 23060022.p1
-47.41	100.85	69.8± 1.6	-1.8	0.8	N31°E	0.77	2.0	Westward 09 Line 27
-47.45	100.97	71.0± 1.6	-0.7	0.8	N31°E	0.77	2.0	Westward 09 Line 26
-47.51	101.06	70.8± 1.6	-0.9	0.8	N31°E	0.76	2.0	Westward 09 Line 25
-47.56	101.17	71.4± 1.6	-0.3	0.8	N31°E	0.77	2.0	Westward 09 Line 24
-47.62	101.26	72.6± 1.6	0.9	0.8	N31°E	0.77	2.0	Westward 09 Line 23
-47.67	101.66	72.0± 1.6	0.1	0.8	N31°E	0.75	2.0	Westward 09 Line 20
-47.72	101.75	71.0± 1.6	-0.8	0.8	N31°E	0.76	2.0	Westward 09 Line 19
-47.77	101.86	70.8± 1.6	-1.0	0.8	N31°E	0.77	2.0	Westward 09 Line 18
-47.81	101.96	71.8± 1.6	-0.1	0.8	N31°E	0.75	2.0	Westward 09 Line 17
-47.82	102.10	72.2± 1.6	0.3	0.8	N31°E	0.76	2.0	Westward 09 Line 16
-47.78	102.15	70.8± 1.6	-1.2	0.8	N31°E	0.73	2.0	Westward 09 Line 32
-47.89	102.18	72.0± 1.6	0.1	0.7	N31°E	0.76	2.0	Westward 09 Line 15
-47.87	102.34	71.2± 1.6	-0.6	0.7	N31°E	0.78	2.0	Westward 09 Line 14
-47.92	102.44	71.8± 1.6	-0.1	0.7	N31°E	0.78	2.0	Westward 09 Line 13
-47.74	103.18	73.0± 1.6	1.0	0.7	N28°E	0.76	2.0	Westward 09 Line 11
-47.78	103.28	71.0± 1.6	-1.1	0.7	N28°E	0.75	2.0	Westward 09 Line 12
-47.81	103.39	72.0± 1.6	-0.0	0.7	N28°E	0.76	2.0	Westward 09 Line 10
-47.88	103.47	72.6± 1.6	0.6	0.7	N28°E	0.76	2.0	Westward 09 Line 9
-47.90	103.59	71.8± 1.6	-0.3	0.7	N28°E	0.76	2.0	Westward 09 Line 8
-47.99	103.64	71.0± 2.4	-1.1	0.3	N28°E	0.75	2.0	Westward 09 Line 7
-48.03	103.75	70.6± 2.4	-1.6	0.3	N28°E	0.74	2.0	Westward 09 Line 6
-48.07	103.86	71.8± 2.4	-0.3	0.3	N28°E	0.76	2.0	Westward 09 Line 5
-49.20	105.49	74.0± 2.4	1.6	0.3	N30°E	0.73	2.0	Westward 09 Line 4
-48.33	107.15	69.6± 1.6	-2.9	0.7	N28°E	0.76	2.0	Westward 09 Line 33
-48.33	107.28	70.0± 1.6	-2.5	0.7	N28°E	0.75	2.0	Westward 09 Line 34
-48.39	107.39	67.4± 1.6	-5.2	0.7	N28°E	0.73	2.0	Westward 09 Line 35
-48.42	107.51	69.6± 2.4	-3.1	0.3	N28°E	0.71	2.0	Westward 09 Line 36
-48.47	107.61	69.0± 1.6	-3.5	0.7	N28°E	0.75	2.0	Westward 09 Line 37
-48.52	107.74	70.8± 1.6	-1.7	0.7	N28°E	0.76	2.0	Westward 09 Line 38
-48.56	107.86	72.2± 1.6	-0.3	0.7	N28°E	0.77	2.0	Westward 09 Line 40
-48.60	107.97	70.8± 1.6	-1.7	0.7	N28°E	0.76	2.0	Westward 09 Line 41
-48.66	108.08	74.2± 1.6	1.7	0.7	N28°E	0.76	2.0	Westward 09 Line 42
-48.70	108.20	73.8± 1.6	1.3	0.7	N28°E	0.76	2.0	Westward 09 Line 43
-48.75	108.32	74.2± 2.4	1.7	0.3	N28°E	0.76	2.0	Westward 09 Line 44
-49.34	108.77	74.8± 1.6	2.1	0.7	N24°E	0.77	2.0	Westward 09 Line 45
-49.38	108.89	75.2± 2.4	2.5	0.3	N24°E	0.77	2.0	Westward 09 Line 46
-49.41	109.01	72.8± 1.6	0.1	0.7	N24°E	0.77	2.0	Westward 09 Line 47
-49.43	109.04	73.0± 1.6	0.3	0.7	N24°E	0.77	2.0	NGDC 01020047.p1
-49.45	109.12	72.0± 1.6	-0.6	0.7	N24°E	0.78	2.0	Westward 09 Line 48
-49.42	109.27	72.8± 1.6	0.1	0.7	N24°E	0.78	2.0	Westward 09 Line 49
-49.50	109.37	72.6± 1.6	-0.1	0.7	N24°E	0.77	2.0	Westward 09 Line 50
-49.51	109.50	72.4± 1.6	-0.3	0.7	N24°E	0.76	2.0	Westward 09 Line 51
-49.54	109.53	74.4± 2.4	1.6	0.3	N24°E	0.76	2.0	NGDC 24060001.p2
-49.57	109.61	73.6± 1.6	0.8	0.7	N24°E	0.76	2.0	Westward 09 Line 52
-49.59	109.74	73.2± 1.6	0.5	0.7	N24°E	0.77	2.0	Westward 09 Line 53
-49.63	109.86	73.0± 1.6	0.2	0.7	N24°E	0.77	2.0	Westward 09 Line 54
-49.68	109.97	74.4± 1.6	1.6	0.7	N24°E	0.77	2.0	Westward 09 Line 55
-49.72	110.09	73.6± 1.6	0.8	0.7	N24°E	0.76	2.0	Westward 09 Line 56
-49.73	110.21	73.2± 1.6	0.4	0.7	N24°E	0.76	2.0	NGDC 01020052.p1
-49.75	110.21	73.0± 1.6	0.3	0.7	N24°E	0.79	2.0	Westward 09 Line 57
-49.82	110.32	72.6± 1.6	-0.2	0.7	N24°E	0.77	2.0	Westward 09 Line 58
-49.83	110.45	73.2± 1.6	0.4	0.7	N24°E	0.77	2.0	Westward 09 Line 59

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
-49.78	111.12	72.8± 1.6	0.1	0.8	N28°E	0.74	2.0	Westward 09 Line 39
-50.10	111.81	74.6± 1.6	1.7	0.8	N20°E	0.75	2.0	NGDC 15050026.p1
-50.18	112.75	74.4± 1.6	1.6	0.8	N19°E	0.76	2.0	Westward 09 Line 63
-50.18	112.89	72.2± 1.6	-0.7	0.8	N19°E	0.76	2.0	Westward 09 Line 64
-50.21	113.01	72.6± 1.6	-0.2	0.8	N19°E	0.78	2.0	Westward 09 Line 65
-50.23	113.13	72.6± 1.6	-0.3	0.8	N19°E	0.77	2.0	Westward 09 Line 66
-50.27	113.25	73.0± 1.6	0.1	0.8	N19°E	0.77	2.0	Westward 09 Line 67
-50.28	113.38	71.8± 1.6	-1.1	0.8	N19°E	0.77	2.0	Westward 09 Line 68
-50.32	113.50	72.6± 1.6	-0.3	0.8	N19°E	0.76	2.0	Westward 09 Line 69
-50.34	113.63	70.0± 1.6	-2.9	0.8	N19°E	0.77	2.0	Westward 09 Line 70
-49.81	114.55	75.6± 1.6	2.6	0.9	N20°E	0.76	2.0	Westward 09 Line 72
-49.86	114.60	74.8± 1.6	1.8	0.9	N20°E	0.75	2.0	NGDC 01020047.p2
-49.84	114.67	73.6± 1.6	0.6	0.9	N20°E	0.77	2.0	Westward 09 Line 73
-49.85	114.80	74.6± 1.6	1.7	0.9	N20°E	0.78	2.0	Westward 09 Line 74
-49.89	114.92	74.4± 1.6	1.4	0.9	N20°E	0.75	2.0	Westward 09 Line 75
-49.90	115.05	73.8± 1.6	0.9	0.9	N20°E	0.78	2.0	Westward 09 Line 76
-49.91	115.17	73.6± 1.6	0.6	0.9	N20°E	0.76	2.0	Westward 09 Line 77
-49.28	116.74	77.4± 2.4	4.4	0.4	N20°E	0.76	2.0	Westward 09 Line 62
-49.56	117.47	75.6± 1.6	2.5	1.0	N20°E	0.73	2.0	NRL Proj. Investigator Line 60
-49.64	117.59	74.0± 1.6	1.0	1.0	N20°E	0.76	2.0	Westward 09 Line 61
-49.82	118.67	70.8± 1.6	-2.2	1.0	N20°E	0.75	2.0	NRL Proj. Investigator Line 57
-49.86	119.00	69.6± 1.6	-3.4	1.0	N20°E	0.75	2.0	NRL Proj. Investigator Line 56
-49.95	119.02	74.0± 2.4	1.1	0.5	N20°E	0.76	2.0	NGDC 24060002.p1
-49.91	119.29	74.0± 1.6	1.1	1.1	N20°E	0.78	2.0	NRL Proj. Investigator Line 34
-49.95	119.53	74.8± 1.6	1.9	1.1	N20°E	0.77	2.0	NRL Proj. Investigator Line 55
-50.02	119.68	75.6± 1.6	2.7	1.1	N20°E	0.77	2.0	NGDC 01020046.p1
-50.02	119.74	76.2± 1.6	3.3	1.1	N20°E	0.76	2.0	NRL Proj. Investigator Line 54
-50.10	119.98	74.2± 2.4	1.4	0.5	N20°E	0.78	2.0	NRL Proj. Investigator Line 52
-49.58	121.59	73.4± 1.6	0.4	1.2	N15°E	0.75	2.0	NRL Proj. Investigator Line 42
-49.77	122.05	76.0± 1.6	3.0	1.2	N15°E	0.77	2.0	NRL Proj. Investigator Line 40
-49.84	122.26	72.2± 1.6	-0.7	1.3	N15°E	0.77	2.0	NRL Proj. Investigator Line 37
-49.87	122.48	69.4± 2.4	-3.6	0.6	N15°E	0.76	2.0	NRL Proj. Investigator Line 38
-49.55	125.63	70.0± 3.2	-2.6	0.4	N14°E	0.80	2.0	NRL Proj. Investigator Line 13
-48.71	126.43	76.4± 1.6	3.6	1.6	N11°E	0.77	2.0	Boomerang 05 Line 1
-48.71	126.45	76.6± 3.2	3.8	0.4	N11°E	0.75	2.0	NRL Proj. Investigator Line 16
-48.73	126.57	74.4± 1.6	1.7	1.6	N11°E	0.79	2.0	Boomerang 05 Line 2
-48.71	126.64	73.6± 3.2	0.8	0.4	N11°E	0.75	2.0	NRL Proj. Investigator Line 25
-48.72	126.72	74.0± 1.6	1.2	1.6	N11°E	0.75	2.0	Boomerang 05 Line 3
-48.68	126.85	71.8± 1.6	-1.1	1.6	N11°E	0.73	2.0	NRL Proj. Investigator Line 1
-48.75	126.86	75.2± 1.6	2.5	1.6	N11°E	0.76	2.0	Boomerang 05 Line 4
-48.74	126.98	79.0± 3.2	6.3	0.4	N11°E	0.78	2.0	NGDC 01020035.p1
-48.75	127.00	74.4± 1.6	1.7	1.6	N11°E	0.76	2.0	Boomerang 05 Line 5
-48.76	127.05	75.2± 3.2	2.4	0.4	N11°E	0.75	2.0	NGDC 01030197.p1
-48.76	127.09	75.8± 3.2	3.2	0.4	N11°E	0.79	2.0	NRL Proj. Investigator Line 17
-48.77	127.14	73.4± 1.6	0.7	1.6	N11°E	0.77	2.0	Boomerang 05 Line 6
-48.77	127.28	72.6± 2.4	-0.2	0.7	N11°E	0.75	2.0	Boomerang 05 Line 7
-48.79	127.38	70.4± 3.2	-2.4	0.4	N11°E	0.75	2.0	NRL Proj. Investigator Line 18
-48.79	127.42	70.6± 2.4	-2.0	0.7	N11°E	0.78	2.0	Boomerang 05 Line 8
-50.25	127.50	72.0± 2.4	-0.5	0.8	N06°E	0.75	2.0	NGDC 24060001.p1
-50.21	127.51	72.8± 1.6	0.4	1.7	N06°E	0.76	2.0	NRL Proj. Investigator Line 19
-50.21	127.81	74.0± 2.4	1.4	0.8	N06°E	0.73	2.0	NRL Proj. Investigator Line 20
-50.14	128.44	73.6± 2.4	1.1	0.8	N06°E	0.74	2.0	NRL Proj. Investigator Line 23
-50.19	128.68	69.6± 1.6	-3.0	1.8	N06°E	0.72	2.0	NRL Proj. Investigator Line 32
-50.20	128.91	70.0± 1.6	-2.6	1.9	N06°E	0.72	2.0	NRL Proj. Investigator Line 33
-50.21	129.30	71.0± 1.6	-1.4	1.9	N06°E	0.75	2.0	NRL Proj. Investigator Line 24
-50.27	129.70	71.6± 1.6	-0.8	1.9	N06°E	0.75	2.0	NRL Proj. Investigator Line 26
-50.35	130.07	68.4± 2.4	-4.0	0.9	N06°E	0.76	2.0	NGDC 24060003.p1
-50.29	130.12	73.2± 1.6	0.8	2.0	N06°E	0.76	2.0	NRL Proj. Investigator Line 27
-50.34	130.51	71.4± 1.6	-1.0	2.0	N06°E	0.73	2.0	NRL Proj. Investigator Line 28
-50.15	131.79	74.2± 2.4	2.1	1.0	N02°E	0.73	2.0	NRL Proj. Investigator Line 31
-50.33	133.91	70.0± 1.6	-1.8	2.4	N02°E	0.77	2.0	NGDC 01020039.p1
-50.40	134.99	71.2± 2.4	-0.6	1.1	N02°E	0.74	2.0	NGDC 01020034.p1
-50.20	137.52	69.8± 1.6	-1.5	2.8	N00°E	0.77	2.0	NGDC 01020043.p1
-54.83	144.43	65.4± 1.6	-4.7	3.7	N02°W	0.77	2.0	NGDC 01020056.p1
-54.73	145.03	70.8± 1.6	0.6	3.8	N02°W	0.70	2.0	NGDC 01020034.p1
-54.73	146.34	67.2± 1.6	-2.6	4.0	N05°W	0.74	2.0	N. Palmer 0008 Line 1

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
-55.65	146.74	69.6± 3.2	-0.2	1.0	N06°W	0.74	2.0	NGDC 01020056.p2
-55.67	146.84	71.8± 1.6	2.2	4.0	N06°W	0.78	2.0	<i>N. Palmer</i> 0101 Line 1
<i>MQ-AN (AIn)</i>								
-57.84	148.86	73.2± 3.2	1.8	8.7	N08°W	0.73	2.0	<i>Palmer</i> 0008 Line 3
-59.60	149.78	68.6± 1.6	-2.4	31.4	N10°W	0.77	2.0	<i>Palmer</i> 0008 Line 2
-62.44	157.84	70.0± 1.6	3.3	14.9	N33°W	0.76	2.0	NGDC 01020027.p1
-62.45	158.03	68.8± 1.6	2.0	15.0	N33°W	0.72	2.0	NGDC j4030004.p1
-62.33	158.05	66.4± 1.6	-0.2	15.1	N33°W	0.75	2.0	NGDC 01020037.p1
-62.32	158.40	65.4± 1.6	-1.2	15.5	N33°W	0.69	2.0	NGDC 15040004.p1
-62.22	158.59	65.8± 1.6	-0.2	16.0	N33°W	0.80	2.0	AB12 Lodolo & Coren (1997)
-61.73	160.24	61.0± 2.4	-3.8	10.3	N33°W	0.74	2.0	NGDC 15040004.p2
<i>AN-PA (AIn)</i>								
-62.74	166.11	45.0± 1.6	-2.3	3.0	S38°E	0.76	2.0	AB08 Lodolo & Coren (1997)
-63.22	170.66	47.4± 1.6	-2.1	3.1	S37°E	0.73	2.0	<i>N. Palmer</i> 0209 Line 2
-63.51	171.98	49.0± 1.6	-0.9	3.1	S37°E	0.76	2.0	<i>N. Palmer</i> 0209 Line 1
-64.28	175.38	52.8± 1.6	1.8	3.1	S37°E	0.77	2.0	<i>N. Palmer</i> 0501 Line 1
-65.06	178.73	52.8± 1.6	0.8	3.2	S37°E	0.77	2.0	<i>N. Palmer</i> 0701 Line 1
-65.22	186.04	57.0± 1.6	1.6	3.0	S41°E	0.75	2.0	PacAnt Line 2 Ondreas <i>et al.</i> (2001)
-64.89	187.41	57.6± 1.6	1.3	2.9	S42°E	0.77	2.0	PacAnt Line 3 Ondreas <i>et al.</i> (2001)
-64.83	187.58	57.6± 1.6	1.0	2.9	S42°E	0.73	2.0	PacAnt Line 4 Ondreas <i>et al.</i> (2001)
-64.62	187.89	56.6± 1.6	-0.2	2.9	S42°E	0.77	2.0	PacAnt Line 5 Ondreas <i>et al.</i> (2001)
-65.33	-174.14	58.4± 1.6	3.1	3.0	S41°E	0.74	2.0	NGDC 15020040.p1
-64.37	-171.46	58.2± 1.6	0.8	2.8	S45°E	0.75	2.0	NGDC 01210047.p4
-64.34	-171.39	57.8± 1.6	0.3	2.8	S45°E	0.73	2.0	NGDC 01210047.p6
-64.32	-171.33	57.2± 1.6	-0.3	2.8	S45°E	0.74	2.0	NGDC 01210047.p13
-64.84	-170.07	56.2± 2.4	-1.4	1.2	S45°E	0.74	2.0	NGDC 01210047.p8
-64.80	-170.00	56.4± 1.6	-1.2	2.8	S45°E	0.74	2.0	NGDC 01210047.p10
-64.79	-169.93	59.6± 2.4	2.1	1.2	S45°E	0.78	2.0	NGDC 01210047.p11
-64.76	-169.88	59.6± 1.6	2.0	2.8	S45°E	0.77	2.0	NGDC 01210047.p9
-64.74	-169.80	58.2± 1.6	0.6	2.8	S45°E	0.78	2.0	NGDC 01210047.p7
-64.72	-169.74	58.8± 1.6	1.1	2.8	S45°E	0.78	2.0	NGDC 01210047.p5
-64.68	-169.69	59.0± 1.6	1.1	2.8	S45°E	0.75	2.0	NGDC 01210047.p3
-64.67	-169.62	61.6± 1.6	3.7	2.8	S45°E	0.75	2.0	NGDC 01210047.p1
-64.59	-169.46	57.8± 1.6	-0.2	2.8	S45°E	0.77	2.0	PacAnt Line 6 Ondreas <i>et al.</i> (2001)
-63.33	-165.76	60.0± 1.6	-0.9	2.6	S47°E	0.75	2.0	PacAnt Line 15 Ondreas <i>et al.</i> (2001)
-63.22	-165.50	61.4± 1.6	0.3	2.6	S47°E	0.77	2.0	PacAnt Line 16 Ondreas <i>et al.</i> (2001)
-63.11	-165.23	60.6± 1.6	-0.8	2.6	S47°E	0.74	2.0	PacAnt Line 7 Ondreas <i>et al.</i> (2001)
-62.54	-159.22	63.0± 1.6	-1.6	2.5	S51°E	0.72	2.0	NGDC J4030004.p1
-62.81	-156.85	63.6± 1.6	-1.5	2.5	S52°E	0.76	2.0	PacAnt Line 17 Ondreas <i>et al.</i> (2001)
-62.16	-154.80	66.6± 1.6	0.1	2.4	S53°E	0.77	2.0	PacAnt Line 22 Ondreas <i>et al.</i> (2001)
-62.00	-154.53	66.4± 1.6	-0.3	2.4	S53°E	0.78	2.0	PacAnt Line 23 Ondreas <i>et al.</i> (2001)
-61.79	-154.19	65.8± 1.6	-1.3	2.4	S54°E	0.77	2.0	PacAnt Line 24 Ondreas <i>et al.</i> (2001)
-55.88	-144.95	74.0± 1.6	-2.4	2.2	S61°E	0.75	2.0	NGDC 01020033.p2
-56.60	-139.62	77.6± 1.6	0.4	2.2	S63°E	0.78	2.0	NGDC 01020033.p1
-54.43	-138.34	81.4± 1.6	1.6	2.3	S64°E	0.77	2.0	NGDC 01020023.p1
-55.13	-121.13	83.2± 1.6	0.1	2.5	S72°E	0.78	2.0	NGDC 01020033.p3
-54.39	-118.39	81.0± 1.6	-3.3	2.6	S74°E	0.77	2.0	NGDC 01010067.p1
-53.60	-118.05	81.6± 1.6	-3.5	2.7	S74°E	0.78	2.0	NGDC 01020045.p1
-51.19	-117.61	86.8± 1.6	-0.5	2.9	S74°E	0.76	2.0	NGDC 15040042.p2
-51.16	-117.60	87.0± 1.6	-0.3	2.9	S74°E	0.77	2.0	NGDC 15040042.p4
-51.14	-117.59	88.6± 1.6	1.3	2.9	S74°E	0.77	2.0	NGDC 15040042.p1
-50.97	-117.47	84.8± 1.6	-2.7	2.9	S74°E	0.78	2.0	NGDC 15040042.p3
-50.40	-117.08	87.2± 1.6	-0.8	3.0	S74°E	0.77	2.0	NGDC 15040042.p5
-49.23	-113.60	89.0± 1.6	-0.5	3.2	S76°E	0.78	2.0	NGDC 15040042.p6
-44.49	-112.17	95.8± 1.6	2.7	3.9	S76°E	0.78	2.0	NGDC 01020020.p2
-39.97	-111.84	97.4± 1.6	1.6	4.7	S79°E	0.76	2.0	NGDC 01020021.p1
-43.24	-111.66	93.8± 3.2	0.0	1.0	S76°E	0.85	2.0	NGDC 01020028.p1
-41.94	-111.29	91.8± 1.6	-3.1	4.4	S76°E	0.77	2.0	NGDC 03040054.p1
-38.02	-111.23	95.0± 3.2	-1.8	1.3	S79°E	0.79	2.0	NGDC 03040054.p2
-37.56	-110.74	93.6± 2.4	-3.6	2.3	S79°E	0.77	2.0	NGDC 88010031.p1

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
<i>NZ-AN (AIn)</i>								
-36.85	-97.04	52.8± 1.7	0.0	1.0	N88°E	0.71	2.0	PANORAMA-04 Line 6
-36.93	-97.07	53.2± 1.7	0.4	1.0	N88°E	0.70	2.0	PANORAMA-04 Line 7
-37.20	-95.31	53.8± 1.7	1.0	1.0	N88°E	0.74	2.0	PANORAMA-04 Line 8
-37.38	-94.10	52.2± 1.1	-0.7	2.2	N90°E	0.73	2.0	PANORAMA-04 Line 9
-37.47	-94.03	52.0± 1.1	-0.9	2.2	N90°E	0.72	2.0	PANORAMA-04 Line 10
-37.55	-94.05	51.2± 1.1	-1.7	2.2	N90°E	0.74	2.0	PANORAMA-04 Line 11
-37.63	-94.08	51.2± 1.1	-1.6	2.2	N90°E	0.77	2.0	PANORAMA-04 Line 12
-37.72	-94.08	52.4± 1.1	-0.5	2.1	N90°E	0.75	2.0	PANORAMA-04 Line 13
-37.76	-94.07	51.8± 1.1	-1.2	2.1	N90°E	0.72	2.0	NGDC 03040054.p1
-37.80	-94.07	52.6± 1.1	-0.3	2.1	N90°E	0.76	2.0	PANORAMA-04 Line 14
-37.88	-94.07	54.0± 1.1	1.1	2.1	N90°E	0.75	2.0	PANORAMA-04 Line 15
-37.97	-94.02	51.8± 1.1	-1.1	2.1	N90°E	0.77	2.0	PANORAMA-04 Line 16
-38.22	-93.82	53.0± 1.1	-0.0	2.1	N90°E	0.74	2.0	PANORAMA-04 Line 17
-38.48	-92.58	56.4± 1.1	3.2	2.0	N87°E	0.73	2.0	PANORAMA-04 Line 18
-38.57	-92.58	54.2± 1.1	1.1	2.0	N87°E	0.76	2.0	PANORAMA-04 Line 19
-38.65	-92.56	55.2± 1.1	2.1	2.0	N87°E	0.76	2.0	PANORAMA-04 Line 20
-38.70	-92.57	53.8± 1.7	0.6	0.9	N87°E	0.74	2.0	AMAG Line 13 Tebbens <i>et al.</i> (1997)
-38.73	-92.56	53.4± 1.1	0.2	2.0	N87°E	0.76	2.0	PANORAMA-04 Line 21
-38.82	-92.56	52.4± 1.7	-1.0	0.9	N87°E	0.71	2.0	PANORAMA-04 Line 22
-38.90	-92.55	53.6± 1.7	0.2	0.9	N87°E	0.71	2.0	PANORAMA-04 Line 23
-39.03	-91.57	53.4± 1.1	0.2	2.0	N87°E	0.76	2.0	PANORAMA-04 Line 24
-39.12	-91.55	52.8± 1.1	-0.4	2.0	N87°E	0.76	2.0	PANORAMA-04 Line 25
-39.20	-91.57	54.0± 1.1	0.7	2.0	N87°E	0.75	2.0	PANORAMA-04 Line 26
-39.28	-91.57	52.4± 1.1	-0.8	2.0	N87°E	0.77	2.0	PANORAMA-04 Line 27
-39.31	-91.54	52.0± 1.1	-1.3	2.0	N87°E	0.75	2.0	AMAG Line 12 Tebbens <i>et al.</i> (1997)
-39.37	-91.54	54.0± 1.1	0.7	2.0	N87°E	0.76	2.0	PANORAMA-04 Line 28
-39.45	-91.53	55.4± 1.1	2.0	2.0	N87°E	0.74	2.0	PANORAMA-04 Line 29
-39.53	-91.50	53.8± 1.1	0.3	1.9	N87°E	0.73	2.0	PANORAMA-04 Line 30
-39.62	-91.52	55.4± 1.7	1.9	0.9	N87°E	0.73	2.0	PANORAMA-04 Line 31
-39.70	-91.45	52.6± 1.7	-0.8	0.9	N87°E	0.74	2.0	PANORAMA-04 Line 32
-39.82	-91.49	55.4± 1.1	1.9	1.9	N87°E	0.75	2.0	AMAG Line 16 Tebbens <i>et al.</i> (1997)
-40.03	-91.59	55.0± 1.7	1.6	0.9	N87°E	0.76	2.0	PANORAMA-04 Line 33
-40.12	-91.58	54.4± 1.1	0.9	1.9	N87°E	0.74	2.0	PANORAMA-04 Line 34
-40.33	-91.88	50.2± 1.7	-3.4	0.9	N87°E	0.73	2.0	NGDC 15040042.p1
-40.37	-91.88	52.2± 1.1	-1.4	1.9	N87°E	0.73	2.0	PANORAMA-04 Line 35
-40.45	-91.92	52.2± 1.1	-1.5	1.9	N86°E	0.73	2.0	PANORAMA-04 Line 36
-40.53	-91.85	52.4± 1.7	-1.1	0.9	N86°E	0.77	2.0	PANORAMA-04 Line 37
-40.63	-91.87	52.4± 1.1	-1.3	1.9	N86°E	0.73	2.0	PANORAMA-04 Line 38
-40.73	-91.86	52.2± 1.1	-1.5	1.9	N86°E	0.73	2.0	PANORAMA-04 Line 39
-42.05	-83.69	53.8± 1.7	-0.2	0.9	N77°E	0.76	2.0	PANORAMA-04 Line 41
-42.13	-83.61	55.0± 1.1	1.0	2.1	N77°E	0.76	2.0	PANORAMA-04 Line 42
-42.19	-83.62	54.6± 1.7	0.5	0.9	N77°E	0.72	2.0	AMAG Line 14 Tebbens <i>et al.</i> (1997)
-42.22	-83.62	53.8± 1.1	-0.1	2.1	N77°E	0.78	2.0	PANORAMA-04 Line 43
-42.39	-83.59	53.8± 1.1	-0.2	2.2	N77°E	0.76	2.0	AMAG Line 9 Tebbens <i>et al.</i> (1997)
-42.47	-83.56	52.8± 1.1	-1.3	2.2	N77°E	0.76	2.0	PANORAMA-04 Line 44
-42.49	-83.56	52.6± 2.3	-1.7	0.5	N77°E	0.69	2.0	AMAG Line 15 Tebbens <i>et al.</i> (1997)
-42.55	-83.53	53.6± 1.1	-0.4	2.2	N77°E	0.78	2.0	PANORAMA-04 Line 45
-42.77	-83.54	54.4± 1.1	0.2	2.2	N77°E	0.74	2.0	NGDC 01020025.p1
-42.80	-83.45	53.2± 1.1	-1.0	2.2	N77°E	0.75	2.0	PANORAMA-04 Line 46
-43.25	-82.66	53.0± 1.7	-1.3	1.0	N76°E	0.74	2.0	AMAG Line 1 Tebbens <i>et al.</i> (1997)
-43.40	-82.80	54.0± 1.1	-0.1	2.4	N76°E	0.81	2.0	NGDC 01020019.p1
-43.57	-82.59	53.0± 1.1	-1.2	2.4	N76°E	0.77	2.0	AMAG Line 2 Tebbens <i>et al.</i> (1997)
-43.66	-82.52	54.0± 1.1	-0.4	2.5	N76°E	0.73	2.0	AMAG Line 10 Tebbens <i>et al.</i> (1997)
-44.23	-82.25	55.4± 1.1	1.1	2.6	N76°E	0.77	2.0	AMAG Line 11 Tebbens <i>et al.</i> (1997)
-44.49	-82.09	55.2± 1.1	0.7	2.7	N76°E	0.74	2.0	AMAG Line 5 Tebbens <i>et al.</i> (1997)
-44.76	-82.09	54.0± 1.1	-0.6	2.8	N76°E	0.72	2.0	AMAG Line 6 Tebbens <i>et al.</i> (1997)
-44.54	-78.32	56.4± 1.1	1.9	2.8	N76°E	0.76	2.0	NGDC 01010136.p1
-45.69	-77.88	52.0± 2.3	-2.7	0.8	N76°E	0.76	2.0	NGDC 01010136.p2
-45.71	-76.81	55.8± 1.1	1.2	3.2	N76°E	0.77	2.0	NGDC 01010216.p2
-45.85	-76.69	55.4± 1.1	0.7	3.3	N76°E	0.74	2.0	NGDC 01010216.p3

*NZ-PA (AIn)*

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
0.88	-102.26	123.4± 2.5	-0.1	3.9	S82°E	0.85	2.0	<i>CocoTow02</i>
0.53	-102.23	120.0± 2.5	-4.2	3.8	S82°E	0.77	2.0	<i>Kana Keoki 25</i>
0.20	-102.28	125.2± 3.8	1.0	1.7	S82°E	0.94	2.0	<i>Kana Keoki 25</i>
0.05	-102.31	127.2± 3.8	2.6	1.7	S82°E	0.88	2.0	<i>Kana Keoki 25</i>
-9.87	-110.32	134.4± 5.0	-3.6	0.6	S77°E	0.82	2.0	NGDC 03040061.p2
-11.14	-110.53	141.4± 5.0	2.2	0.6	S77°E	0.80	2.0	NGDC 07010030.p1
-11.36	-110.58	142.4± 5.0	3.1	0.6	S77°E	0.83	2.0	NGDC 03040061.p1
-13.83	-112.50	134.6± 5.0	-7.2	0.6	S76°E	0.76	2.0	NGDC 15050032.p1
-16.00	-112.96	139.4± 3.8	-3.8	1.0	S76°E	0.83	2.0	NGDC 03040059.p1
-17.02	-113.11	134.4± 5.0	-9.5	0.5	S78°E	0.79	2.0	NGDC 01010081.p6
-17.02	-113.17	140.0± 3.8	-3.8	0.9	S78°E	0.81	2.0	NGDC 01030041.p1
-17.17	-113.15	141.4± 5.0	-2.5	0.5	S78°E	0.79	2.0	NGDC 01010081.p5
-17.59	-113.24	151.2± 5.0	7.0	0.5	S78°E	0.78	2.0	NGDC 01010081.p3
-17.84	-113.29	139.4± 5.0	-5.0	0.5	S78°E	0.77	2.0	NGDC 01010081.p2
-17.98	-113.31	150.2± 3.8	5.8	0.9	S78°E	0.80	2.0	NGDC 01010081.p1
-18.20	-113.36	140.6± 2.5	-3.8	2.0	S78°E	0.85	2.0	NGDC 01010081.p7
-18.41	-113.38	143.6± 2.5	-1.0	2.0	S78°E	0.82	2.0	NGDC 01010081.p8
-18.84	-113.45	140.4± 2.5	-4.5	2.0	S78°E	0.80	2.0	NGDC 08010021.p2
-19.05	-113.49	149.8± 2.5	4.8	2.0	S78°E	0.81	2.0	NGDC 03040059.p3
-19.12	-113.32	143.6± 2.5	-1.5	2.0	S78°E	0.78	2.0	NGDC 15020159.p9
-19.17	-113.40	145.0± 2.5	-0.2	2.0	S78°E	0.74	2.0	NGDC 08010021.p1
-19.17	-113.50	143.8± 2.5	-1.2	2.0	S78°E	0.82	2.0	NGDC 03040060.p1
-19.21	-113.51	144.4± 2.5	-0.7	2.0	S78°E	0.78	2.0	NGDC 15020159.p1
-19.22	-113.50	143.0± 2.5	-2.0	2.0	S78°E	0.82	2.0	NGDC 03040059.p4
-19.30	-113.51	146.2± 3.8	1.2	0.9	S78°E	0.83	2.0	NGDC 15020159.p2
-19.39	-113.55	144.4± 2.5	-0.8	2.0	S78°E	0.79	2.0	NGDC 15020159.p3
-19.48	-113.56	143.6± 2.5	-1.6	2.0	S78°E	0.80	2.0	NGDC 15020159.p4
-19.58	-113.58	143.4± 2.5	-1.9	2.0	S78°E	0.79	2.0	NGDC 03040059.p5
-19.58	-113.59	143.0± 2.5	-2.3	2.0	S78°E	0.79	2.0	NGDC 15020159.p5
-19.67	-113.60	143.2± 2.5	-2.1	2.0	S78°E	0.79	2.0	NGDC 15020159.p6
-19.76	-113.63	142.4± 2.5	-2.9	2.0	S78°E	0.81	2.0	NGDC 15020159.p7
-19.86	-113.72	142.8± 2.5	-2.6	2.0	S78°E	0.80	2.0	NGDC 15020159.p8
-21.34	-114.26	145.0± 2.5	-1.1	1.9	S78°E	0.80	2.0	NGDC 03040059.p10
-29.65	-111.72	149.2± 3.8	3.7	0.7	S88°E	0.79	2.0	NGDC 15020147.p1
-29.88	-111.73	146.4± 2.5	0.9	1.6	S88°E	0.78	2.0	NGDC 15040142.p1
-29.92	-111.73	144.2± 3.8	-1.3	0.7	S88°E	0.80	2.0	NGDC 15020147.p2
-30.19	-111.74	143.0± 3.8	-2.4	0.7	S88°E	0.83	2.0	NGDC 15020147.p3
-30.48	-111.82	151.8± 3.8	6.2	0.7	S88°E	0.77	2.0	NGDC 15020147.p4
-30.75	-111.83	154.2± 3.8	8.7	0.7	S88°E	0.80	2.0	NGDC 15020147.p5
-31.02	-111.92	154.4± 2.5	8.9	1.6	S88°E	0.80	2.0	NGDC 07010037.p1
-31.16	-111.93	147.0± 2.5	1.5	1.6	S88°E	0.79	2.0	NGDC 07010037.p3
-31.28	-111.96	147.6± 2.5	2.1	1.6	S88°E	0.80	2.0	NGDC 07010037.p2
<i>CO-NZ (AIn)</i>								
3.19	-83.20	63.8± 1.7	-0.6	4.0	N02°E	0.73	2.0	NGDC 01010083.p4
3.18	-83.22	66.6± 1.7	2.1	4.0	N02°E	0.72	2.0	NGDC 15030008.p1
3.25	-83.33	62.6± 3.4	-1.6	1.0	N02°E	0.76	2.0	NGDC 01010012.p2
3.27	-83.64	64.4± 1.7	0.3	3.8	N02°E	0.75	2.0	NGDC 15040148.p2
3.27	-83.75	62.0± 1.7	-2.0	3.7	N02°E	0.74	2.0	NGDC 03040062.p1
3.27	-83.80	64.2± 1.7	0.2	3.7	N02°E	0.75	2.0	NGDC 01010252.p1
3.27	-83.82	64.6± 1.7	0.7	3.6	N02°E	0.75	2.0	NGDC 03040062.p2
3.28	-83.91	67.0± 1.7	3.1	3.6	N02°E	0.76	2.0	NGDC 15050067.p1
2.71	-84.43	65.0± 1.7	1.5	3.3	N02°E	0.75	2.0	NGDC 03040062.p3
1.77	-85.02	61.8± 1.7	-1.3	3.1	N05°E	0.75	2.0	NGDC 09030015.p4
0.76	-85.72	61.8± 1.7	-1.0	2.8	N06°E	0.72	2.0	NGDC 15050014.p1
0.77	-85.89	62.6± 1.7	-0.1	2.7	N06°E	0.71	2.0	NGDC 15040154.p1
0.81	-86.11	60.8± 2.6	-1.7	1.2	N06°E	0.72	2.0	NGDC 15040046.p2
0.81	-86.16	62.0± 1.7	-0.5	2.6	N06°E	0.72	2.0	NGDC 15040046.p1
0.81	-86.18	62.0± 1.7	-0.5	2.6	N06°E	0.70	2.0	NGDC 15010065.p1
0.81	-86.18	62.2± 1.7	-0.1	2.6	N06°E	0.74	2.0	NGDC 15040046.p4
0.83	-86.19	58.6± 1.7	-3.9	2.6	N06°E	0.70	2.0	NGDC 15010069.p1
0.82	-86.33	61.0± 1.7	-1.2	2.5	N06°E	0.74	2.0	NGDC 15040046.p5
0.82	-86.41	62.4± 1.7	0.2	2.5	N06°E	0.75	2.0	NGDC 08010055.p1
0.86	-86.53	62.6± 1.7	0.5	2.4	N06°E	0.74	2.0	NGDC 15020028.p1

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
0.86	-86.66	61.8± 3.4	-0.1	0.6	N06°E	0.77	2.0	NGDC 67010165.p1
0.86	-86.68	61.2± 1.7	-0.7	2.3	N06°E	0.76	2.0	NGDC 08010055.p2
0.86	-86.97	61.0± 3.4	-0.7	0.6	N06°E	0.76	2.0	NGDC 15060029.p1
0.84	-87.01	59.6± 1.7	-2.1	2.2	N06°E	0.76	2.0	NGDC 15010069.p2
0.89	-87.09	63.4± 1.7	1.7	2.2	N06°E	0.73	2.0	NGDC 15020028.p2
0.87	-87.40	62.0± 1.7	0.5	2.1	N06°E	0.73	2.0	NGDC 08010055.p3
0.78	-88.00	63.2± 1.7	2.2	1.8	N04°E	0.75	2.0	NGDC 15010069.p3
0.83	-88.26	62.8± 1.7	1.8	1.7	N04°E	0.71	2.0	NGDC 08010055.p4
0.75	-88.46	64.4± 3.4	3.7	0.4	N04°E	0.75	2.0	NGDC 07080005.p1
0.77	-88.60	64.4± 3.4	3.9	0.4	N04°E	0.76	2.0	NGDC 02020026.p2
0.79	-88.88	59.8± 1.7	-0.5	1.6	N04°E	0.76	2.0	NGDC 08010055.p5
0.82	-89.22	61.4± 1.7	1.4	1.5	N04°E	0.77	2.0	NGDC 15020028.p3
0.79	-89.29	59.0± 1.7	-1.0	1.5	N04°E	0.75	2.0	NGDC 08010055.p6
0.83	-89.56	59.4± 3.4	-0.4	0.4	N04°E	0.76	2.0	NGDC 15080007.p1
0.83	-89.59	57.2± 1.7	-2.6	1.5	N04°E	0.75	2.0	NGDC 08010055.p7
0.83	-89.61	59.2± 1.7	-0.5	1.5	N04°E	0.77	2.0	NGDC 15040221.p1
0.84	-89.71	58.0± 1.7	-1.6	1.4	N04°E	0.78	2.0	NGDC 08010055.p8
0.87	-89.79	56.8± 2.6	-2.8	0.6	N04°E	0.75	2.0	NGDC 01010035.p1
0.87	-90.00	59.2± 1.7	-0.2	1.4	N04°E	0.77	2.0	NGDC 08010055.p9
0.91	-90.15	56.2± 3.4	-3.0	0.3	N04°E	0.78	2.0	NGDC 07010019.p2
0.93	-90.35	55.2± 1.7	-4.0	1.4	N04°E	0.75	2.0	NGDC 08010053.p15
0.94	-90.54	54.8± 3.4	-4.2	0.3	N04°E	0.76	2.0	NGDC 08010053.p16
1.93	-90.98	53.6± 1.7	-4.8	1.4	N08°E	0.75	2.0	NGDC 08010053.p14
1.94	-91.20	51.2± 3.4	-6.7	0.3	N08°E	0.86	2.0	NGDC 07010019.p1
1.99	-91.23	57.6± 1.7	-0.6	1.4	N08°E	0.76	2.0	NGDC 08010053.p13
1.99	-91.47	62.0± 1.7	4.0	1.4	N08°E	0.76	2.0	NGDC 23060042.p1
2.02	-91.56	58.6± 1.7	0.6	1.4	N08°E	0.73	2.0	NGDC 08010046.p1
2.06	-91.66	56.8± 2.6	-1.1	0.6	N08°E	0.74	2.0	NGDC 15020028.p4
2.09	-91.83	56.6± 1.7	-1.1	1.4	N08°E	0.74	2.0	NGDC 08010053.p1
2.11	-91.93	56.0± 1.7	-1.6	1.4	N08°E	0.75	2.0	NGDC 08010053.p12
2.17	-92.34	57.0± 1.7	-0.2	1.4	N08°E	0.76	2.0	NGDC 08010053.p11
2.46	-93.20	55.8± 1.7	-0.9	1.5	N07°E	0.72	2.0	NGDC 15020077.p1
2.47	-93.39	53.8± 3.4	-2.6	0.4	N07°E	0.76	2.0	NGDC 15040198.p1
2.48	-93.64	54.2± 1.7	-1.9	1.6	N07°E	0.77	2.0	NGDC 08010053.p7
2.56	-94.30	55.4± 1.7	-0.2	1.7	N07°E	0.76	2.0	NGDC 01010083.p2
2.59	-94.48	54.8± 1.7	-0.6	1.8	N07°E	0.76	2.0	NGDC 08010053.p6
2.57	-94.61	59.0± 1.7	3.6	1.8	N07°E	0.75	2.0	NGDC 08010054.p1
2.62	-94.83	56.6± 1.7	1.4	1.9	N07°E	0.75	2.0	NGDC 08010053.p5
2.63	-95.00	55.8± 1.7	0.8	1.9	N07°E	0.76	2.0	NGDC 15040192.p18
2.63	-95.02	56.8± 1.7	1.8	1.9	N07°E	0.76	2.0	NGDC 15040192.p19
2.43	-95.60	53.8± 1.7	-0.9	2.3	N03°E	0.75	2.0	NGDC 15040192.p17
2.33	-95.62	55.6± 1.7	0.9	2.3	N03°E	0.73	2.0	NGDC 08010053.p2
2.39	-95.66	54.4± 1.7	-0.2	2.3	N03°E	0.76	2.0	NGDC 15040192.p15
2.37	-95.68	56.2± 1.7	1.6	2.3	N03°E	0.76	2.0	NGDC 08010053.p3
2.37	-95.69	55.2± 2.6	0.7	1.0	N03°E	0.76	2.0	NGDC 15040155.p2
2.39	-95.70	56.2± 1.7	1.7	2.3	N03°E	0.76	2.0	NGDC 15040192.p14
2.36	-95.73	56.0± 2.6	1.5	1.0	N03°E	0.76	2.0	NGDC 15040155.p1
2.36	-95.74	56.2± 1.7	1.7	2.3	N03°E	0.75	2.0	NGDC 15040191.p1
2.37	-95.77	56.0± 1.7	1.5	2.3	N03°E	0.76	2.0	NGDC 15040192.p13
2.37	-95.78	56.2± 1.7	1.7	2.3	N03°E	0.76	2.0	NGDC 08010053.p4
2.37	-95.81	55.4± 1.7	1.0	2.3	N03°E	0.76	2.0	NGDC 15040191.p2
2.37	-95.87	55.2± 1.7	0.8	2.4	N03°E	0.75	2.0	NGDC 15040192.p12
2.32	-95.92	55.8± 1.7	1.4	2.4	N03°E	0.75	2.0	NGDC 15040192.p11
2.32	-95.98	52.6± 1.7	-1.7	2.4	N03°E	0.75	2.0	NGDC 15040192.p10
2.33	-96.02	50.8± 1.7	-3.5	2.4	N03°E	0.75	2.0	NGDC 15040192.p9
2.28	-96.03	50.4± 3.4	-4.2	0.6	N03°E	0.68	2.0	NGDC 01010083.p1
2.29	-96.06	56.0± 2.6	1.7	1.1	N03°E	0.73	2.0	NGDC 15040192.p8
2.30	-96.06	57.0± 1.7	2.7	2.5	N03°E	0.73	2.0	NGDC 09030015.p3
2.30	-96.11	56.8± 1.7	2.6	2.5	N03°E	0.76	2.0	NGDC 15040192.p7
2.29	-96.17	55.8± 1.7	1.7	2.5	N03°E	0.77	2.0	NGDC 15040192.p6
2.29	-96.21	55.0± 1.7	0.8	2.5	N03°E	0.74	2.0	NGDC 15040192.p5
2.29	-96.27	55.2± 1.7	1.2	2.5	N03°E	0.77	2.0	NGDC 15040192.p4
2.30	-96.32	53.4± 1.7	-0.6	2.6	N03°E	0.76	2.0	NGDC 15040192.p3
2.22	-96.42	52.2± 1.7	-1.8	2.6	N03°E	0.73	2.0	NGDC 15040192.p1
2.13	-96.83	50.8± 3.4	-2.9	0.7	N04°E	0.71	2.0	NGDC 09030015.p2
2.12	-97.38	55.6± 1.7	2.5	3.0	N05°E	0.74	2.0	NGDC 15040154.p2

Lat. °N	Long. °E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
2.31	-98.11	48.4± 3.4	-3.6	0.8	N10°E	0.75	2.0	NGDC 01030094.p1
2.28	-99.87	53.4± 3.4	3.0	1.1	N09°E	0.75	2.0	NGDC 15040148.p1

*CO-PA (AIn)*

17.27	-105.50	79.2± 2.2	-3.9	2.9	N82°E	0.76	2.0	NGDC 15010066.p2
17.20	-105.40	74.4± 2.2	-9.0	2.9	N82°E	0.74	2.0	NGDC 07150002.p1
17.03	-105.39	73.6± 4.5	-10.3	0.7	N82°E	0.75	2.0	NGDC 15080005.p1
16.95	-105.43	85.6± 2.2	1.4	2.8	N82°E	0.73	2.0	NGDC 15040093.p2
16.88	-105.36	78.4± 2.2	-5.9	2.8	N82°E	0.76	2.0	NGDC 07010035.p1
16.73	-105.36	76.6± 4.5	-8.2	0.7	N82°E	0.76	2.0	NGDC 03040001.p1
16.65	-105.33	80.4± 2.2	-4.6	2.7	N82°E	0.76	2.0	NGDC 15010066.p3
16.47	-105.32	82.0± 2.2	-3.5	2.7	N82°E	0.77	2.0	NGDC 07010036.p1
16.43	-105.32	78.8± 4.5	-6.8	0.7	N82°E	0.76	2.0	NGDC 09030015.p2
16.22	-105.29	85.6± 2.2	-0.7	2.6	N82°E	0.76	2.0	NGDC 15010066.p1
15.78	-105.44	84.2± 2.2	-3.4	2.5	N82°E	0.71	2.0	NGDC 08010011.p1
14.73	-104.34	89.2± 2.2	-1.9	2.4	N79°E	0.79	2.0	NGDC 15040147.p3
14.50	-104.29	92.2± 2.2	0.3	2.4	N79°E	0.76	2.0	NGDC 07010042.p1
14.39	-104.28	91.4± 2.2	-0.8	2.4	N79°E	0.76	2.0	NGDC 08010052.p2
14.38	-104.32	96.4± 3.4	4.3	1.0	N79°E	0.78	2.0	NGDC 08020040.p11
14.30	-104.27	94.4± 3.4	2.0	1.0	N79°E	0.79	2.0	NGDC 08020040.p10
14.24	-104.25	95.4± 3.4	2.7	1.0	N79°E	0.74	2.0	NGDC 15010065.p1
14.19	-104.25	92.8± 3.4	0.1	1.0	N79°E	0.79	2.0	NGDC 08020040.p9
14.17	-104.24	86.4± 4.5	-6.4	0.6	N79°E	0.78	2.0	NGDC 07010036.p2
14.08	-104.21	96.0± 3.4	3.0	1.0	N79°E	0.78	2.0	NGDC 08020040.p8
13.98	-104.22	94.6± 2.2	1.3	2.3	N79°E	0.77	2.0	NGDC 15040147.p2
13.90	-104.22	97.6± 3.4	4.1	1.0	N79°E	0.78	2.0	NGDC 08020040.p7
13.81	-104.18	96.8± 3.4	3.1	1.0	N79°E	0.81	2.0	NGDC 08020040.p6
13.71	-104.16	95.0± 3.4	0.8	1.0	N79°E	0.76	2.0	NGDC 08020040.p5
13.58	-104.14	96.2± 3.4	1.8	1.0	N79°E	0.78	2.0	NGDC 08020040.p4
13.49	-104.12	96.6± 2.2	1.9	2.2	N79°E	0.77	2.0	NGDC 09030015.p1
13.47	-104.12	98.0± 3.4	3.3	1.0	N79°E	0.80	2.0	NGDC 08020040.p3
13.36	-104.09	92.4± 3.4	-2.6	1.0	N79°E	0.80	2.0	NGDC 08020040.p2
13.25	-104.06	94.4± 2.2	-1.1	2.2	N79°E	0.77	2.0	NGDC 08020040.p1
13.15	-104.04	96.2± 2.2	0.5	2.2	N79°E	0.78	2.0	NGDC 15040160.p4
12.97	-103.98	93.4± 4.5	-2.8	0.5	N79°E	0.79	2.0	NGDC 01010042.p1
12.96	-104.03	99.8± 2.2	3.1	2.2	N79°E	0.66	2.0	NGDC 15040066.p1
12.93	-104.00	103.0± 3.4	6.6	1.0	N79°E	0.77	2.0	NGDC 15010067.p1
12.92	-104.00	96.6± 4.5	0.1	0.5	N79°E	0.74	2.0	NGDC 15040160.p1
12.87	-103.98	100.8± 4.5	4.2	0.5	N79°E	0.76	2.0	NGDC 15040160.p2
12.85	-103.98	101.0± 2.2	4.4	2.2	N79°E	0.77	2.0	NGDC 15040160.p3
12.84	-104.03	96.4± 2.2	-0.2	2.2	N79°E	0.77	2.0	NGDC 01010082.p1
12.57	-103.98	94.6± 2.2	-2.7	2.1	N79°E	0.78	2.0	NGDC 01010194.p1
12.52	-103.91	99.2± 3.4	1.6	0.9	N79°E	0.74	2.0	NGDC 15140001.p1
12.07	-103.82	100.0± 2.2	1.2	2.1	N79°E	0.79	2.0	NGDC 15040147.p1
12.03	-103.83	96.4± 2.2	-2.5	2.1	N79°E	0.79	2.0	NGDC 01010196.p1
11.97	-103.81	102.0± 2.2	2.9	2.1	N79°E	0.78	2.0	NGDC 01010194.p2
11.20	-103.75	102.2± 2.2	1.1	2.1	N79°E	0.80	2.0	NGDC 08010049.p1
11.17	256.24	106.0± 2.2	4.6	2.1	N79°E	0.75	2.0	NGDC 15060041.p1
11.13	-103.76	104.0± 2.2	2.6	2.1	N79°E	0.78	2.0	NGDC 08010051.p2
11.11	-103.74	109.0± 4.5	7.5	0.5	N79°E	0.76	2.0	NGDC 15040086.p1
11.11	-103.75	102.0± 2.2	0.6	2.1	N79°E	0.79	2.0	NGDC 08010051.p1
11.08	-103.74	100.4± 2.2	-1.1	2.1	N79°E	0.79	2.0	NGDC 08010063.p1
10.66	-103.64	102.0± 2.2	-0.7	2.0	N79°E	0.78	2.0	NGDC 01010253.p1
9.69	-104.28	105.0± 2.2	0.2	2.1	N82°E	0.77	2.0	NGDC 01010165.p3
9.60	-104.27	105.6± 4.5	0.5	0.5	N82°E	0.76	2.0	NGDC 15060039.p1
9.58	-104.26	107.8± 2.2	2.6	2.1	N82°E	0.76	2.0	NGDC 15040214.p1
7.85	-102.84	119.4± 2.2	8.7	2.2	N78°E	0.74	2.0	NGDC 15050053.p1
6.82	-102.69	116.8± 2.2	3.5	2.3	N78°E	0.79	2.0	NGDC 15060029.p2
6.80	-102.66	116.4± 2.2	3.1	2.3	N78°E	0.80	2.0	NGDC 08010030.p1
6.28	-102.57	121.0± 4.5	6.2	0.6	N78°E	0.79	2.0	NGDC 15060029.p1
5.39	-102.43	120.8± 2.2	3.8	2.6	N78°E	0.82	2.0	NGDC 03020005.p1
4.07	-102.28	125.0± 4.5	4.7	0.7	N78°E	0.84	2.0	NGDC 15040092.p1
3.18	-102.14	122.8± 4.5	0.4	0.8	N78°E	0.90	2.0	NGDC 01010035.p1
3.11	-102.17	126.8± 4.5	4.0	0.8	N78°E	0.79	2.0	NGDC 15010064.p1
2.89	-102.12	130.4± 3.4	7.1	1.5	N78°E	0.83	2.0	NGDC 15020026.p1

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
<i>NA-BC† (AIn)</i>								
23.57	-108.41	50.2± 1.5	†	0.0	S57°E	0.84	2.0	† NGDC Ewing04
23.52	-108.43	51.2± 1.5	†	0.0	S57°E	0.76	2.0	† NGDC Hypo.1n
23.47	-108.49	50.8± 1.5	†	0.0	S57°E	0.81	2.0	† NGDC Alarc.n2
23.44	-108.48	49.6± 1.5	†	0.0	S57°E	0.76	2.0	† NGDC Marsur78
23.37	-108.53	51.2± 1.5	†	0.0	S57°E	0.79	2.0	† NGDC gulfo81.1s
23.36	-108.54	52.6± 1.5	†	0.0	S57°E	0.81	2.0	† NGDC Thom99.n1
<i>RI-PA (AIn)</i>								
22.84	-108.12	50.2± 1.5	†	0.0	S57°E	0.80	2.0	† NGDC Thom99.s5
22.78	-108.17	51.4± 1.5	†	0.0	S57°E	0.78	2.0	† NGDC Phoenix03.s6
22.71	-108.22	51.4± 1.5	†	0.0	S57°E	0.77	2.0	† NGDC Thom99.s4
22.68	-108.23	50.8± 1.5	†	0.0	S57°E	0.78	2.0	† NGDC Phoenix03.s5
22.52	-108.35	50.8± 1.5	†	0.0	S57°E	0.79	2.0	† NGDC Thom99.s3
22.51	-108.35	50.6± 1.5	†	0.0	S57°E	0.79	2.0	† NGDC Phoenix03.s3
22.42	-108.40	50.6± 1.5	†	0.0	S57°E	0.78	2.0	† NGDC Phoenix03.s2
22.41	-108.42	52.8± 1.5	†	0.0	S57°E	0.78	2.0	† NGDC Thom99.s2
22.34	-108.49	51.2± 1.5	†	0.0	S57°E	0.78	2.0	† NGDC Phoenix03.s1
22.09	-108.57	52.2± 1.5	†	0.0	S57°E	0.72	2.0	† NGDC 15040224.p1
21.83	-108.60	53.8± 2.3	1.2	8.2	S53°E	0.73	2.0	NGDC 08010030.p1
21.82	-108.59	53.2± 1.5	0.7	18.4	S53°E	0.74	2.0	NGDC 15030006.p1
21.80	-108.64	53.0± 2.3	0.1	7.6	S53°E	0.74	2.0	NGDC 15020028.p1
21.77	-108.76	51.4± 1.5	-2.4	14.6	S53°E	0.74	2.0	NGDC 15030003.p1
21.74	-108.69	54.0± 1.5	0.3	15.1	S53°E	0.73	2.0	NGDC 15030010.p1
21.52	-108.81	55.8± 1.5	-0.1	11.7	S55°E	0.74	2.0	NGDC 15020044.p1
21.04	-108.93	60.6± 2.3	-0.0	2.5	S55°E	0.65	2.0	NGDC 15020063.p1
21.02	-108.95	63.0± 2.3	2.4	2.5	S55°E	0.72	2.0	NGDC 15040236.p1
20.98	-108.96	60.4± 1.5	-0.5	5.4	S55°E	0.73	2.0	NGDC 23060044.p1
20.97	-108.98	62.0± 3.1	1.0	1.3	S55°E	0.76	2.0	NGDC 15030002.p1
20.92	-109.01	62.8± 2.3	1.3	2.3	S55°E	0.76	2.0	NGDC 08010051.p1
20.89	-109.03	65.8± 1.5	4.2	5.2	S55°E	0.84	2.0	NGDC 15040154.p1
20.88	-109.05	62.4± 1.5	0.2	5.3	S55°E	0.72	2.0	NGDC 15040155.p4
20.85	-109.08	62.6± 1.5	0.1	5.3	S55°E	0.76	2.0	NGDC 15020115.p1
20.83	-109.04	61.6± 2.3	-0.9	2.4	S55°E	0.72	2.0	NGDC 07010035.p1
20.82	-109.11	60.0± 2.3	-2.7	2.4	S55°E	0.81	2.0	NGDC 15030002.p2
20.76	-109.13	63.4± 1.5	-0.1	5.7	S55°E	0.73	2.0	NGDC 15040155.p2
20.75	-109.15	59.8± 3.1	-4.0	1.5	S55°E	0.70	2.0	NGDC 07150002.p1
20.73	-109.17	60.4± 1.5	-3.5	6.0	S55°E	0.75	2.0	NGDC 15040155.p1
20.37	-109.20	68.4± 1.5	1.5	9.2	S56°E	0.74	2.0	NGDC 15080007.p1
20.34	-109.26	68.2± 1.5	0.8	10.2	S56°E	0.73	2.0	NGDC 15040180.p1
20.26	-109.31	67.2± 1.5	-1.1	12.0	S56°E	0.73	2.0	NGDC 15040086.p2
20.22	-109.31	68.8± 1.5	0.2	12.7	S56°E	0.74	2.0	NGDC 15040198.p1
20.20	-109.23	67.4± 1.5	-1.0	12.2	S56°E	0.73	2.0	NGDC 15040086.p1
18.41	-106.26	73.4± 3.1	0.1	8.0	S85°E	0.80	2.0	NGDC 67010178.p2
18.38	-106.27	77.2± 3.1	3.5	8.3	S85°E	0.78	2.0	NGDC 67010178.p1
<i>JF-PA (AIn)</i>								
47.30	-129.04	50.6± 2.0	-3.6	10.3	S68°E	0.77	2.0	NGDC 03040057.p1
47.16	-129.10	54.0± 1.3	-0.1	20.8	S68°E	0.75	2.0	NGDC 03020006.p6
46.83	-129.31	54.8± 1.3	1.0	15.6	S68°E	0.75	2.0	NGDC 03020006.p9
46.68	-129.40	53.8± 1.3	0.1	13.6	S68°E	0.75	2.0	NGDC 03020030.p1
46.65	-129.40	54.2± 1.3	0.5	13.2	S68°E	0.75	2.0	NGDC 15040036.p1
46.47	-129.47	54.8± 1.3	1.3	11.2	S68°E	0.74	2.0	NGDC 03020006.p7
45.50	-129.97	50.6± 1.3	-2.2	4.5	S68°E	0.71	2.0	NGDC 03020006.p11
45.34	-130.08	49.8± 1.3	-2.7	4.1	S68°E	0.74	2.0	NGDC 03020006.p16
45.16	-130.15	52.2± 1.3	-0.2	4.0	S68°E	0.72	2.0	NGDC 03020006.p10
45.10	-130.18	53.6± 1.3	1.4	4.0	S68°E	0.76	2.0	NGDC 06050060.p2
45.00	-130.20	52.2± 1.3	-0.1	4.0	S68°E	0.72	2.0	NGDC 03040053.p1
44.98	-130.21	51.6± 1.3	-0.6	4.1	S68°E	0.73	2.0	NGDC 03020006.p12
44.89	-130.22	50.4± 1.3	-1.8	4.2	S68°E	0.71	2.0	NGDC 07010022.p1
44.89	-130.26	50.8± 1.3	-1.2	4.2	S68°E	0.77	2.0	NGDC 09030036.p1

Lat. ° N	Long. ° E	Rate mm yr <sup>-1</sup>	Misfit* mm yr <sup>-1</sup>	Imp.	Proj. Az.	Age Ma	OD km	Information
44.88	-130.26	53.0± 1.3	1.0	4.2	S68°E	0.76	2.0	NGDC 15020169.p5
44.86	-130.29	53.2± 1.3	1.2	4.3	S68°E	0.76	2.0	NGDC 15020169.p2
44.85	-130.29	53.0± 1.3	1.1	4.3	S68°E	0.78	2.0	NGDC 15020169.p4
44.75	-130.34	53.6± 1.3	1.7	4.6	S68°E	0.75	2.0	NGDC 15020169.p1
44.75	-130.34	53.8± 1.3	1.9	4.6	S68°E	0.77	2.0	NGDC 15020169.p3
44.67	-130.37	52.6± 1.3	0.8	4.9	S68°E	0.77	2.0	NGDC 06050060.p1
44.58	-130.42	52.4± 1.3	0.7	5.3	S68°E	0.77	2.0	NGDC 06050059.p1
42.87	-126.67	50.8± 1.3	-0.5	8.7	S68°E	0.76	2.0	NGDC 06780006.p1
42.81	-126.70	52.4± 1.3	1.1	9.2	S68°E	0.76	2.0	NGDC 03020006.p4
42.78	-126.74	49.6± 2.0	-1.7	4.2	S68°E	0.75	2.0	NGDC 08010099.p2
42.67	-126.78	49.8± 2.0	-1.4	4.7	S68°E	0.76	2.0	NGDC 08010099.p1
42.60	-126.82	51.2± 1.3	0.2	11.4	S68°E	0.78	2.0	NGDC 06780005.p1
42.53	-126.83	49.4± 1.3	-1.6	12.1	S68°E	0.76	2.0	NGDC 03020006.p3

SW-SC (A1n)

-55.99	-30.41	62.5± 4.0	0.7	15.9	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-56.10	-30.41	59.8± 4.0	-2.3	14.5	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-56.42	-30.74	63.7± 4.0	0.9	11.1	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-56.53	-30.75	63.4± 4.0	0.3	10.0	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-56.64	-30.75	61.5± 4.0	-1.9	9.1	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-56.75	-30.76	62.8± 4.0	-0.8	8.3	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-56.85	-30.73	64.1± 4.0	0.2	7.7	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-57.18	-30.22	66.3± 4.0	1.6	6.1	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-57.29	-30.21	65.0± 4.0	0.1	5.8	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-57.39	-30.20	66.6± 4.0	1.4	5.6	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-57.91	-29.85	65.3± 4.0	-1.1	6.2	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-58.04	-29.83	68.2± 4.0	1.5	6.7	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-58.17	-29.84	66.9± 4.0	-0.1	7.4	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-58.31	-29.81	68.2± 4.0	0.8	8.3	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-58.44	-29.86	70.2± 4.0	2.5	9.3	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-58.86	-29.86	69.0± 4.0	0.3	13.4	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-59.25	-29.62	68.2± 4.0	-1.4	18.7	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)
-59.52	-29.59	67.3± 4.0	-2.9	23.2	N90°E	0.78	2.0	Thomas <i>et al.</i> (2003)

Latitudes and longitudes specify the point where the magnetic profile crosses the spreading center. Rates are determined by projecting digital magnetic profiles onto the ridge-normal azimuth given in the column labeled "Proj. Az." and by correlating the projected profile with a synthetic magnetic profile using procedures described in the text. Rates listed in the table are not corrected for outward displacement. "Age" specifies the average age of the magnetic intensity measurements that were cross-correlated with the synthetic profile and is typically close to 0.78 Ma for rates averaged out to Anomaly 1n and 3.16 Ma for rates averaged out to the Anomaly 2A sequence. OD specifies the value (in kilometers) of outward displacement that is used to correct the best-fitting rate for a profile during the kinematic data inversion.

\* Misfits are defined as rates estimated from MORVEL subtracted from the observed ridge-normal rates after both are corrected for outward displacement.

† Indicates a rate that is located in a deforming zone between two plates and is not used to constrain MORVEL.

The column labeled "Imp." gives the dimensionless data importances in units of 10<sup>-2</sup>.

Abbreviations: pc - personal communication; A1n - Anomaly 1n; A2A - Anomaly 2A; AMAG - aeromagnetic survey; DZ - deforming zone; NRL - U.S. Naval Research Laboratory; NGDC - National Geophysical Data Center. Plate name abbreviations are as follows: AN - Antarctic; AR - Arabia; AU - Australia; AZ - Azores; CA - Caribbean; CO - Cocos; CP - Capricorn; EU - Eurasia; IN - India; JF - Juan de Fuca; LW - Lwandle; MQ - Macquarie; NA - North America; NB - Nubia; NZ - Nazca; PA - Pacific; PS - Philippine Sea; RI - Rivera; SA - South America; SC - Scotia; SM - Somalia; SW - Sandwich.

Table 2: MORVEL fault azimuths and model fits

Lat. ° N	Long. ° E	Azimuth	Misfit†	Imp.	L/W/SS (km)	Data type	Information
<i>EU-NA</i>							
78.87	4.50	S55.0E°±1.9°	1.1	4.6	32/3/R <sup>a</sup>	MB	Molloy TF: Crane & Solheim (1995)
80.00	1.00	S56.0E°±2.0°	1.9	4.3	120/12/R <sup>a</sup>	PDR	Spitsbergen TF: Perry <i>et al.</i> (1978)
71.30	-9.00	S66.0E°±1.6°	3.5	4.7	100/8/L <sup>a</sup>	PDR	Jan Mayen TF: Perry <i>et al.</i> (1978)
52.65	-33.25	S84.1E°±1.0°	2.1	7.4	80/8/R <sup>a</sup>	MB	Charlie Gibbs TF: Searle (1981)
52.10	-30.85	S84.5E°±0.7°	0.5	14.8	60/8/R <sup>a</sup>	MB	Charlie Gibbs TF: Searle (1981)
<i>NB-NA</i>							
35.25	-35.60	S75.5E°±1.1°	1.8	16.8	55/3/L <sup>a</sup>	MB	Oceanographer TF: multiple techniques (see text)
33.65	-38.65	S75.5E°±1.2°	1.9	15.7	50/3/L <sup>a</sup>	MB	Hayes TF: multiple techniques (see text)
30.05	-42.32	S77.0E°±1.3°	0.8	14.3	38/2.5/L <sup>a</sup>	MB	Atlantis TF: multiple techniques (see text)
23.74	-45.62	S81.0E°±0.9°	-2.6	29.3	90/4/R <sup>a</sup>	MB	Kane TF: Pockalny <i>et al.</i> (1988)
<i>NB-SA</i>							
15.30	-45.80	S84.5E°±1.3°	0.9	8.4	75/5/R <sup>a</sup>	MB	Fifteen-Twenty TF: Searle (1986) and multibeam
12.65	-44.50	S87.0E°±0.8°	-0.6	19.0	70/3/R <sup>a</sup>	MB	Marathon TF: Smith <i>et al.</i> (2008)
10.80	-42.30	S88.5E°±0.8°	-0.6	16.3	300/12/R <sup>a</sup>	MB	Vema TF: Macdonald <i>et al.</i> (1986)
8.83	-40.02	S89.0E°±3.1°	0.4	0.9	85/8/R	ALT	Doldrums TF: Smith & Sandwell (1997)
8.20	-38.81	S89.0E°±1.8°	1.1	2.6	150/8/R	ALT	Doldrums TF: Smith & Sandwell (1997)
7.75	-37.37	N90.0E°±2.1°	1.0	1.8	125/8/R	ALT	Doldrums TF: Smith & Sandwell (1997)
7.45	-35.66	N90.0E°±1.3°	2.0	4.3	205/8/R	ALT	Doldrums TF: Smith & Sandwell (1997)
7.16	-34.25	N87.0E°±2.6°	-0.1	1.0	45/6/R <sup>a</sup>	MB	Bogdanov TF: Mazarovich <i>et al.</i> (2001)
3.93	-32.09	N86.5E°±0.9°	0.5	7.5	84/4/R <sup>a</sup>	MB	Strakhov TF: from <i>GMA</i>
0.88	-26.87	N82.5E°±1.0°	-0.8	5.3	40/2/R <sup>a</sup>	MB	St. Paul TF: J. Schilling, pc,2001
0.70	-25.80	N80.0E°±3.1°	-2.7	0.5	50/8/R <sup>a</sup>	MB	St. Paul TF: Searle <i>et al.</i> (1994)
0.60	-25.20	N81.0E°±4.9°	-1.4	0.2	20/5/R <sup>a</sup>	MB	St. Paul TF: Searle <i>et al.</i> (1994)
-1.01	-23.20	N83.1E°±0.9°	1.6	6.3	280/12/R <sup>a</sup>	MB	Romanche TF: Searle <i>et al.</i> (1994)
-0.67	-20.80	N80.4E°±0.6°	0.2	14.6	280/8/R <sup>a</sup>	MB	Romanche TF: Searle <i>et al.</i> (1994)
-0.20	-18.40	N77.6E°±0.9°	-1.4	6.8	280/12/R <sup>a</sup>	MB	Romanche TF: Searle <i>et al.</i> (1994)
-1.44	-14.45	N76.0E°±1.3°	-1.2	3.5	250/10/R	ALT	Chain TF: Smith & Sandwell (1997)
-6.88	-12.15	N77.0E°±0.6°	0.4	15.7	180/5/L <sup>a</sup>	MB	Ascension TF: from <i>GMA</i>
-7.37	-13.26	N77.0E°±2.5°	-0.1	0.9	40/5/L <sup>a</sup>	MB	Ascension TF: from <i>GMA</i>
-11.64	-13.68	N79.0E°±1.9°	1.4	1.4	140/8/L	ALT	Boda Verde TF: Smith & Sandwell (1997)
-16.30	-13.80	N77.0E°±0.9°	-0.9	5.8	105/3/L	MB	Bagratiion TF: Cherkis <i>et al.</i> (1989)
-25.66	-13.74	N72.0E°±3.9°	-6.0	0.3	25/5/L <sup>a</sup>	MB	Rio Grande TF: Grindlay <i>et al.</i> (1992)
-28.22	-12.89	N74.0E°±2.4°	-3.7	0.8	25/3/R <sup>a</sup>	CMB	Unnamed TF: from <i>GMA</i>
-28.88	-12.80	N76.0E°±2.6°	-1.6	0.6	45/6/L <sup>a</sup>	CMB	Unnamed TF: from <i>GMA</i>
-29.20	-13.42	N78.0E°±3.0°	0.1	0.5	65/10/L <sup>a</sup>	CMB	Unnamed TF: from <i>GMA</i>
-32.29	-13.92	N80.0E°±2.0°	1.9	1.1	50/5/L <sup>a</sup>	MB	Cox TF: Grindlay <i>et al.</i> (1991)
-34.16	-14.81	N79.5E°±1.6°	1.1	1.6	50/4/L <sup>a</sup>	MB	Meteor TF: Fox <i>et al.</i> (1991)
-35.28	-15.72	N78.0E°±2.3°	-0.8	0.8	85/10/L <sup>a</sup>	CMB	Unnamed TF: from <i>GMA</i>
<i>NB-SR</i>							
-47.32	-12.20	N73.0E°±2.0°	-2.0	14.8	150/15/R <sup>a</sup>	CMB	Unnamed TF: from <i>GMA</i>
-49.12	-9.11	N70.0E°±3.3°	-3.3	5.5	90/15/R <sup>a</sup>	MB	Unnamed TF: from <i>GMA</i>
<i>AN-SR</i>							
-55.68	357.67	N84.0E°±1.8°	-2.9	60.0	75/4/L	MB	Conrad TF: Ligi <i>et al.</i> (1999)
-58.37	-14.56	N83.0E°±2.1°	-2.3	68.8	110/7/L	MB	Bullard TF: R. Livermore, pc, 2002
<i>NB-AN</i>							
-54.50	2.00	N44.0E°±6.0°	0.8	2.4	*165/15/R	MB	Bouvet TF: Mitchell <i>et al.</i> (2000)
-54.20	6.10	N41.0E°±3.7°	2.2	5.5	80/15/R <sup>a</sup>	PDR	Islas Orcadas TF: Sclater <i>et al.</i> (1997)
-53.50	9.00	N39.0E°±1.7°	3.4	23.6	180/15/R <sup>a</sup>	PDR	Shaka TF: Sclater <i>et al.</i> (1997)
-53.02	25.55	N22.0E°±1.0°	2.0	53.6	95/5/R <sup>a</sup>	MB	Du Toit TF: Sclater <i>et al.</i> (2005)
<i>LW-AN</i>							

Lat. ° N	Long. ° E	Azimuth	Misfit†	Imp.	L/W/SS (km)	Data type	Information
-46.45	33.72	N17.0E° ± 1.1°	0.9	56.5	85/5/R <sup>a</sup>	MB	Marion TF: Sclater <i>et al.</i> (2005)
-45.40	35.10	N14.0E° ± 1.7°	-0.7	20.1	160/12/R <sup>a</sup>	PDR	Prince Edward TF: Sclater <i>et al.</i> (1997)
-43.80	39.30	N13.0E° ± 4.4°	1.8	2.8	80/18/R <sup>a</sup>	PDR	Eric Simpson TF: Sclater <i>et al.</i> (1997)
-43.30	41.70	N10.0E° ± 2.9°	0.6	6.9	100/15/R <sup>a</sup>	PDR	Fisher TF: Sclater <i>et al.</i> (1997)
-41.90	42.60	N07.0E° ± 1.6°	-1.5	27.7	190/15/R <sup>a</sup>	PDR	Discovery II TF: Sclater <i>et al.</i> (1997)
-39.50	46.20	N05.0E° ± 2.9°	-0.7	13.6	100/15/R <sup>a</sup>	PDR	Indomed TF: Sclater <i>et al.</i> (1997)
<i>SM-AN</i>							
-36.70	52.30	N03.0E° ± 2.5°	‡	0.0	95/12/R <sup>a</sup>	PDR	Gallieni TF: Sclater <i>et al.</i> (1997)
-35.80	53.40	N03.0E° ± 3.9°	‡	0.0	65/12/R <sup>a</sup>	PDR	Gazelle TF: Sclater <i>et al.</i> (1997)
-35.00	54.10	N06.0E° ± 7.0°	‡	0.0	40/15/R <sup>a</sup>	PDR	Gauss TF: Sclater <i>et al.</i> (1997)
-32.78	57.07	N00.5E° ± 0.4°	‡	0.0	179/4/R <sup>a</sup>	MB	Atlantis II TF: Dick <i>et al.</i> (1991)
-31.45	58.40	N01.0W° ± 5.5°	3.2	6.5	35/5/R <sup>a</sup>	MB	Novarra TF: (Mendel <i>et al.</i> 1997; Hosford <i>et al.</i> 2003)
-29.85	60.80	N04.0W° ± 2.0°	0.5	50.7	50/5/R <sup>a</sup>	MB	Melville TF: Mendel <i>et al.</i> (1997)
<i>CP-SM</i>							
-9.00	67.40	N51.0E° ± 0.6°	0.6	55.8	120/2/L	MB	Vema TF: Drolia & DeMets (2005)
-10.47	66.42	N52.0E° ± 2.6°	-1.1	2.4	25/2/L	MB	Unnamed TF: Drolia & DeMets (2005)
-11.80	66.00	N55.0E° ± 2.9°	0.2	1.8	90/8/L	ALT	Twelve-South TF: Smith & Sandwell (1997)
-13.75	66.25	N60.0E° ± 1.7°	4.0	4.8	95/5/L	MB	Argo TF: Parson <i>et al.</i> (1993)
-16.25	67.00	N60.0E° ± 2.4°	3.2	2.2	55/4/L	MB	Unnamed TF: Parson <i>et al.</i> (1993)
-17.50	66.00	N60.0E° ± 3.0°	1.2	1.6	166/15/L	MB	Marie Celeste TF: Parson <i>et al.</i> (1993)
-20.12	66.55	N58.0E° ± 0.8°	-1.7	22.2	41/1.0/R	MB	Egeria TF: Briais (1995)
-20.24	67.29	N58.0E° ± 0.7°	-0.8	26.8	51/1.1/R	MB	Egeria TF: Briais (1995)
-20.35	67.90	N58.0E° ± 1.9°	-0.2	3.4	26/1.5/R	MB	Egeria TF: Briais (1995)
-22.75	69.28	N58.0E° ± 3.9°	0.2	0.8	21/2.5/L	MB	Gemino TF: Parson <i>et al.</i> (1993)
<i>IN-SM</i>							
12.50	58.25	N24.0E° ± 2.9°	-1.4	14.0	45/4/R	MB	Owen TF: Fournier <i>et al.</i> (2008)
11.50	57.90	N30.0E° ± 6.0°	2.7	3.3	190/35/R	PDR	Owen TF: Laughton <i>et al.</i> (1970)
<i>AR-SM</i>							
12.60	48.00	N23.5E° ± 3.3°	-5.6	6.9	18/3/R <sup>a</sup>	MB	TF vii: Tamssett & Searle (1988)
13.10	49.30	N27.5E° ± 3.9°	0.4	5.0	25/5/R <sup>a</sup>	MB	TF iv: Tamssett & Searle (1988)
13.30	49.60	N28.5E° ± 4.9°	2.0	3.2	20/5/R <sup>a</sup>	MB	TF iii: Tamssett & Searle (1988)
13.80	51.70	N26.0E° ± 1.7°	1.8	25.9	170/15/R <sup>a</sup>	MB	Alula-Fartak TF: Tamssett & Searle (1990)
14.47	53.83	N21.5E° ± 3.9°	-0.5	4.9	21/2.5/R	MB	Socotra TF: Leroy <i>et al.</i> (2004)
<i>CP-AN</i>							
-26.10	71.17	N45.0E° ± 5.8°	-0.9	0.4	28/5/R	MB	Unnamed TF: from French Seabeam grid
-33.45	77.70	N49.5E° ± 1.1°	‡	0.0	75/4/L <sup>a</sup>	MB	Ter Tholen TF: Conder <i>et al.</i> (2000) & <i>GMA</i> .
-35.20	78.62	N50.0E° ± 2.4°	‡	0.0	25/3/L <sup>a</sup>	MB	Zeewolf TF: Conder <i>et al.</i> (2000) & <i>GMA</i> .
-36.71	78.65	N49.5E° ± 0.8°	‡	0.0	95/4/L <sup>a</sup>	MB	Amsterdam TF: Conder <i>et al.</i> (2000) & <i>GMA</i> .
<i>AU-AN</i>							
-41.47	80.36	N47.0E° ± 0.5°	-0.0	22.8	100/2.5/R <sup>a</sup>	MB	Vlamingh TF: <i>GMA</i> & Scheirer <i>et al.</i> (2000)
-42.20	84.30	N42.0E° ± 2.0°	-1.7	1.3	100/10/R <sup>a</sup>	MB	Geelvinck TF: <i>GMA</i> & D. Scheirer, pc, 2001
-41.16	85.68	N42.5E° ± 0.8°	0.4	8.2	50/2/R <sup>a</sup>	MB	east Geelvinck TF: <i>GMA</i> & D. Scheirer, pc, 2001
-41.90	88.43	N40.5E° ± 1.0°	0.6	5.0	**61/4/R	MB	88.43° E TF: <i>GMA</i> & J. Cochran, pc, 2001
-45.93	95.73	N36.0E° ± 1.7°	1.1	1.6	35/3/L <sup>a</sup>	MB	95.73° E TF: <i>GMA</i> & J. Cochran, pc, 2001
-45.46	96.32	N37.0E° ± 1.3°	2.7	2.8	47/3/L <sup>a</sup>	MB	96.32° E TF: <i>GMA</i> & J. Cochran, pc, 2001
-46.43	96.15	N30.0E° ± 3.9°	-4.6	0.3	40/8/L <sup>a</sup>	MB	96.15° E TF: <i>GMA</i> ; Cochran <i>et al.</i> (1997)
-47.71	99.80	N31.5E° ± 0.5°	-0.4	18.2	120/3/R <sup>a</sup>	MB	100.0° E TF: <i>GMA</i> ; Shah & Sempere (1998)
-48.50	105.13	N29.5E° ± 2.4°	1.8	0.8	25/3/L <sup>a</sup>	MB	105.17° E TF: <i>GMA</i> ; Shah & Sempere (1998)
-48.81	105.21	N29.5E° ± 1.7°	1.8	1.5	30/2.5/L <sup>a</sup>	MB	105.25° E TF: <i>GMA</i> ; Shah & Sempere (1998)
-49.07	106.28	N26.0E° ± 1.3°	-0.9	2.6	45/3/R <sup>a</sup>	MB	106.3° E TF: <i>GMA</i> ; Shah & Sempere (1998)
-48.60	106.83	N25.0E° ± 1.1°	-1.4	3.7	55/3/R <sup>a</sup>	MB	106.8° E TF: <i>GMA</i> ; Shah & Sempere (1998)
-48.90	108.48	N28.0E° ± 2.5°	2.9	0.7	20/2.5/L <sup>a</sup>	MB	108.5° E TF: <i>GMA</i> ; Shah & Sempere (1998)

Lat. ° N	Long. ° E	Azimuth	Misfit†	Imp.	L/W/SS (km)	Data type	Information
-49.97	114.27	N19.5E°±1.7°	-1.2	1.5	20/2.5/R <sup>a</sup>	MB	114.5°E TF: <i>GMA</i> ; Shah & Sempere (1998)
-49.87	115.92	N19.0E°±3.1°	-0.4	0.5	25/4/R <sup>a</sup>	MB	116.0°E TF: <i>GMA</i>
-49.49	116.40	N18.0E°±1.4°	-1.0	2.2	55/4/R <sup>a</sup>	MB	116.3°E TF: <i>GMA</i>
-49.16	126.10	N11.0E°±0.6°	-0.7	12.6	100/3/R <sup>a</sup>	MB	Euroka TF: <i>GMA</i> & Palmer <i>et al.</i> (1993)
-49.27	127.31	N12.5E°±0.9°	1.7	5.6	90/4/L <sup>a</sup>	MB	Birubi TF: <i>GMA</i> & Palmer <i>et al.</i> (1993)
-55.23	146.49	N05.4W°±0.7°	0.1	9.8	96/2/L	MB	Tasman TF: <i>GMA</i>
<i>MQ-AN</i>							
-58.41	149.14	N12.9W°±1.1°	-0.3	37.0	61/2/L	MB	Tasman TF: <i>GMA</i>
-59.20	149.52	N13.6W°±0.8°	0.5	47.0	79/2/L	MB	Tasman TF: <i>GMA</i>
-61.53	154.83	N23.0W°±0.7°	-0.1	89.1	355/8/L	ALT	Ballyen TF: Smith & Sandwell (1997)
<i>AN-PA</i>							
-63.36	171.27	S34.0E°±1.3°	2.5	20.1	50/2/L	MB	Unnamed TF: 100-m grid from S. Cande, pc, 2003)
-64.55	-170.78	S42.0E°±1.5°	0.8	9.1	52/4/L <sup>a</sup>	MB	Pitman TF: <i>GMA</i> & Cande <i>et al.</i> (1995)
-62.25	-155.47	S53.0E°±2.0°	-1.1	3.4	40/4/L <sup>a</sup>	MB	Saint Exupery TF: Ondreas <i>et al.</i> (2001)
-57.63	-147.48	S58.0E°±1.4°	0.1	5.5	55/4/L <sup>a</sup>	MB	le Geographe TF: <i>GMA</i> & Ondreas <i>et al.</i> (2001)
-54.22	-131.44	S67.0E°±0.8°	-0.9	11.8	280/12/L <sup>a</sup>	MB	Tharp TF: <i>GMA</i> & Lonsdale (1994)
-55.31	-125.15	S69.0E°±0.7°	-0.6	14.2	250/8/L <sup>a</sup>	MB	Heezen TF: <i>GMA</i> & Lonsdale (1994)
-55.85	-122.45	S71.0E°±1.6°	-1.5	2.7	75/6/L <sup>a</sup>	MB	Heezen TF: <i>GMA</i> & Lonsdale (1994)
-54.34	-120.10	S70.0E°±0.8°	0.9	10.0	75/3/L <sup>a</sup>	MB	Raitt TF: <i>GMA</i> & Lonsdale (1994)
-54.45	-119.03	S72.0E°±0.8°	-0.7	9.9	48/2/L <sup>a</sup>	MB	Raitt TF: <i>GMA</i> & Lonsdale (1994)
-49.58	-115.22	S75.0E°±1.0°	-1.2	5.6	120/6/L <sup>a</sup>	MB	Menard TF: <i>GMA</i>
<i>NZ-AN</i>							
-34.72	-108.83	S74.0E°±1.5°	5.4	5.9	67/3/R	MB	Chile TF: Kleinrock & Bird (1994)
-35.00	-107.30	S78.0E°±2.2°	2.8	2.4	150/10/R	PDR	Chile TF: Anderson-Fontana <i>et al.</i> (1987)
-35.35	-105.50	S82.0E°±2.1°	0.3	2.2	157/10/R	PDR	Chile TF: Anderson-Fontana <i>et al.</i> (1987)
-35.85	-103.20	S84.0E°±1.9°	0.3	2.2	171/10/R	PDR	Chile TF: Anderson-Fontana <i>et al.</i> (1987)
-36.15	-100.90	S88.0E°±2.0°	-1.8	1.6	167/10/R	PDR	Chile TF: Anderson-Fontana <i>et al.</i> (1987)
-37.00	-96.50	N89.0E°±0.9°	-1.0	5.2	61/1.7/R	MB	Unnamed TF: Karsten <i>et al.</i> (1999)
-37.10	-95.71	N89.0E°±0.8°	-0.3	6.3	56/1.3/R	MB	Unnamed TF: Karsten <i>et al.</i> (1999)
-37.31	-94.57	N88.0E°±0.7°	-0.4	7.6	74/1.5/R	MB	Unnamed TF: Karsten <i>et al.</i> (1999)
-38.42	-93.00	N87.0E°±0.5°	-0.1	13.9	62/1.0/R	MB	Unnamed TF: Karsten <i>et al.</i> (1999)
-38.97	-92.05	N86.0E°±0.5°	-0.3	13.5	83/1.3/R	MB	Unnamed TF: Karsten <i>et al.</i> (1999)
-41.09	-91.54	N84.0E°±1.7°	-1.9	1.1	41/2.1/R	MB	Valdavia TF: Karsten <i>et al.</i> (1999)
-41.20	-90.78	N85.0E°±0.5°	-0.2	13.2	69/1.1/R	MB	Valdavia TF: Karsten <i>et al.</i> (1999)
-41.33	-88.07	N83.0E°±0.9°	0.0	4.3	66/1.7/R	MB	Valdavia TF: Karsten <i>et al.</i> (1999)
-41.46	-87.24	N83.0E°±0.6°	0.7	10.0	78/1.5/R	MB	Valdavia TF: Karsten <i>et al.</i> (1999)
-41.35	-85.93	N81.0E°±1.2°	-0.2	2.7	41/1.5/R	MB	Valdavia TF: Karsten <i>et al.</i> (1999)
-41.49	-85.12	N80.5E°±0.7°	-0.1	8.4	57/1.2/R	MB	Valdavia TF: Karsten <i>et al.</i> (1999)
-43.06	-83.25	N78.5E°±1.9°	-0.6	1.2	28/1.6/R	MB	Unnamed TF: Karsten <i>et al.</i> (1999)
-44.78	-80.63	N79.5E°±1.2°	2.5	3.6	200/7/R	MB	Guafo TF: Lothian (1995)
-44.52	-78.83	N75.0E°±2.3°	-0.6	1.1	99/7/R	MB	Guafo TF: Lothian (1995)
-45.68	-77.30	N73.0E°±0.8°	-1.4	10.2	63/1.5/R	MB	Guamblin TF: Lothian (1995)
-45.88	-76.30	N73.5E°±0.9°	-0.1	8.6	53/1.5/R	MB	Darwin TF: Lothian (1995)
<i>NZ-PA</i>							
-3.74	-102.86	S78.0E°±1.4°	2.4	2.0	35/1.5/L	MB	Quebrada TF: Searle (1983) & Lonsdale (1989)
-3.73	-103.15	S78.0E°±2.2°	2.2	0.8	23/1.5/L	MB	Quebrada TF: Searle (1983) & Lonsdale (1989)
-3.76	-103.38	S78.0E°±2.5°	2.0	0.6	20/1.5/L	MB	Quebrada TF: Searle (1983) & Lonsdale (1989)
-3.78	-103.64	S79.0E°±2.5°	0.9	0.6	20/1.5/L	MB	Quebrada TF: Searle (1983) & Lonsdale (1989)
-4.03	-104.00	S78.0E°±1.8°	1.7	1.2	27/1.5/L	MB	Discovery TF: Searle (1983) & Lonsdale (1989)
-4.02	-104.31	S82.0E°±1.7°	-2.5	1.4	29/1.5/L	MB	Discovery TF: Searle (1983) & Lonsdale (1989)
-4.55	-104.96	S78.0E°±1.2°	1.2	2.8	41/1.5/L	MB	Gofar TF: Searle (1983) & Lonsdale (1989)
-4.59	-105.23	S78.0E°±2.5°	1.0	0.6	20/1.5/L	MB	Gofar TF: Searle (1983) & Lonsdale (1989)
-4.60	-105.85	S78.0E°±0.6°	0.6	11.5	83/1.5/L	MB	Gofar TF: Searle (1983) & Lonsdale (1989)
-6.23	-107.27	S77.0E°±2.6°	1.0	0.6	25/2/L	MB	Yaquina TF: Lonsdale (1989)
-9.00	-109.19	S77.0E°±3.5°	0.2	0.3	19/2/L	MB	Wilkes TF: Goff <i>et al.</i> (1993)
-13.40	-112.13	S75.0E°±1.9°	0.9	1.1	34/2/L	MB	Garrett TF: Fox & Gallo (1984) & Lonsdale (1989)
-13.42	-111.80	S75.0E°±3.1°	1.1	0.4	21/2/L	MB	Garrett TF: Fox & Gallo (1984) & Lonsdale (1989)

Lat. ° N	Long. ° E	Azimuth	Misfit†	Imp.	L/W/SS (km)	Data type	Information
-13.46	-111.53	S76.0E°±2.2°	0.2	0.8	30/2/L	MB	Garrett TF: Fox & Gallo (1984) & Lonsdale (1989)
-13.47	-111.25	S75.0E°±3.3°	1.4	0.4	20/2/L	MB	Garrett TF: Fox & Gallo (1984) & Lonsdale (1989)
<i>CO-NZ</i>							
4.15	-82.60	N02.0W°±1.2°	-3.6	18.5	160/6/R	PDR	Panama TF: PDR & altimetry
1.24	-85.33	N02.0E°±0.8°	-1.4	47.9	87/2/R	MB	85.3° TF: GMA partial multibeam & PDR
<i>CO-PA</i>							
15.41	-105.12	N80.0E°±2.0°	2.3	4.2	47/2/R	MB	Orozco TF: Madsen <i>et al.</i> (1986)
10.22	-103.93	N82.0E°±1.6°	4.1	4.8	85/4/L	MB	Clipperton TF: Gallo <i>et al.</i> (1986)
8.41	-104.04	N79.0E°±4.5°	0.4	0.6	22/3/R	MB	Siquieros TF: Fornari <i>et al.</i> (1989)
8.39	-103.67	N80.0E°±2.1°	1.9	2.6	32/2/R	MB	Siquieros TF: Fornari <i>et al.</i> (1989)
8.38	-103.40	N81.5E°±1.7°	3.7	3.8	20/1/R	MB	Siquieros TF: Fornari <i>et al.</i> (1989)
8.39	-103.19	N77.0E°±5.0°	-0.5	0.4	13/2/R	MB	Siquieros TF: Fornari <i>et al.</i> (1989)
<i>NA-BC‡</i>							
23.10	-108.40	S60.0E°±5.0°	‡	0.0	***	MB	Tamayo TF: Kastens <i>et al.</i> (1979)
23.70	-108.50	S56.0E°±1.0°	‡	0.0	34/1/R	MB	Pescadero TF: Fletcher <i>et al.</i> (2007)
25.87	-110.27	S52.0E°±0.5°	‡	0.0	70/1/R	MB	Farallon TF: Fletcher <i>et al.</i> (2007)
26.60	-111.10	S53.0E°±1.4°	‡	0.0	70/3/R	MB	Carmen TF: Fletcher <i>et al.</i> (2007)
<i>RI-PA</i>							
18.53	-106.30	S78.0E°±2.0°	1.3	17.4	33/2/R	MB	Rivera TF: Wilson & DeMets (1998)
18.53	-107.40	S72.0E°±0.9°	-0.1	78.1	108/3/R	MB	Rivera TF: Wilson & DeMets (1998)
19.86	-109.25	S54.0E°±4.9°	1.7	8.5	100/15/R	MB	Rivera TF: Michaud <i>et al.</i> (1997)
<i>JF-PA</i>							
43.48	-127.50	S69.0E°±1.0°	-0.1	99.8	113/3.3/R	MB	Blanco TF: Embley & Wilson (1992)
<i>NB-EU</i>							
36.95	-23.40	N78.0E°±3.9°	-1.5	18.1	40/8/R <sup>a</sup>	MB	Gloria fault: Laughton <i>et al.</i> (1972)
37.00	-22.90	N84.0E°±2.9°	2.7	33.7	55/8/R <sup>a</sup>	MB	Gloria fault: Laughton <i>et al.</i> (1972)
37.06	-22.00	N85.0E°±2.9°	0.6	35.6	110/16/R <sup>a</sup>	MB	Gloria fault: Laughton <i>et al.</i> (1972)
<i>AR-IN</i>							
21.25	61.90	N28.0E°±6.3°	10.2	22.7	250/24/R	ALT	**** Owen FZ: Smith & Sandwell (1997)
19.10	60.60	N21.0E°±4.8°	5.1	23.4	250/18/R	ALT	**** Owen FZ: Smith & Sandwell (1997)
17.60	60.05	N12.0E°±4.8°	-2.8	19.2	250/18/R	ALT	**** Owen FZ: Smith & Sandwell (1997)
15.60	59.75	N10.0E°±3.0°	-3.5	52.9	55/2.5/R	MB	**** Owen FZ: Fournier <i>et al.</i> (2008)
<i>CA-NA</i>							
17.63	-82.60	N78.0E°±2.0°	3.9	19.1	*****	MB	Swan Islands fault; Rosencrantz & Mann (1991)
17.50	-83.30	N74.0E°±2.0°	-0.1	20.5	*****	MB	Swan Islands fault; Rosencrantz & Mann (1991)
<i>SW-SC</i>							
-56.50	-30.50	N89.9E°±10.0°	-0.1	10.4	—	MB	Orthogonal to abyssal hill fabric - Thomas <i>et al.</i> (2003)
-57.50	-30.00	N81.3E°±10.0°	-7.7	9.0	—	MB	Orthogonal to abyssal hill fabric - Thomas <i>et al.</i> (2003)
-58.50	-30.00	N87.8E°±10.0°	-1.2	8.5	—	MB	Orthogonal to abyssal hill fabric - Thomas <i>et al.</i> (2003)
-59.50	-29.60	N84.0E°±10.0°	-4.3	7.6	—	MB	Orthogonal to abyssal hill fabric - Thomas <i>et al.</i> (2003)

† Misfits are defined as directions estimated with MORVEL subtracted from the observed direction.

‡ - Transform fault is located in a deforming zone between two plates and is not used to constrain MORVEL.

<sup>a</sup> Uncertainty has been decreased by a factor of 0.6 relative to that calculated from the transform width and length (see text).

The column labeled "Imp." gives the dimensionless data importances in units of  $10^{-2}$ .

Abbreviations: pc - personal communication; ALT - satellite altimetry (typically 1-minute gravity grid or 2-minute seafloor bathymetry (Sandwell & Smith 1997); CMB - high precision precision-depth-recorder and multibeam transit-track bathymetry overlaid on low-resolution bathymetry from GeoMapApp. CMT - centroid moment tensor; DZ - deforming zone; FZ - fracture zone; GMA - GeoMapApp (see below); MB - Multibeam (swath bathymetry or acoustic reflectivity); PDR - precision depth recorder (single beam sonar); TF - transform fault.

W/L/SS are transform width (W) and length (L) in km, and the sense of slip (SS), consisting of either right-slip (R) or left-slip (L). Length includes only those parts of the fault that are imaged well enough to estimate an azimuth and in many cases excludes curved segments of the transform fault near the ridge-transform intersection.

GeoMapApp is public domain software that organizes and facilitates access to conventional and multibeam data along the mid-ocean ridges (<http://www.marine-geo.org> and Carbotte *et al.* 2004). The software was used in this study to access and display survey- and transit-track multibeam data to study individual transform faults.

\* Azimuth of the Bouvet transform fault zone is assigned an elevated standard error of  $\pm 6^\circ$  due to active oblique extension of the lithosphere flanking the transform fault zone (Mitchell *et al.* 2000).

\*\* The  $\pm 1^\circ$  standard error assigned to the  $88.43^\circ\text{E}$  transform fault along the Southeast Indian Ridge encompasses limiting azimuth interpretations of  $N39.8^\circ\text{E}$  and  $N41.9^\circ\text{E}$  at 95% confidence level.

\*\*\* The  $\pm 5^\circ$  uncertainty for the Tamayo transform fault azimuth is due to uncertainty in the TFZ location due to the presence of a large median ridge.

\*\*\*\* Uncertainties calculated from the stated lengths and widths have been doubled (see text).

\*\*\*\*\* The  $\pm 2^\circ$  uncertainty for the azimuths of the Swan Islands fault in the Caribbean Sea is adopted from DeMets *et al.* (1990).

Table 3: MORVEL earthquake slip directions and model fits

Lat. ° N	Long. ° E	Azimuth	Misfit*	Imp.	Date mo.dy.yr	Source	Moment (dyne cm)
<i>IN-SM</i>							
12.43	58.07	N29.0E° ± 10°	3.4	1.2	10.01.96	CMT	5x10 <sup>25</sup>
12.27	57.85	N22.0E° ± 15°	-4.0	0.5	06.05.95	CMT	8x10 <sup>23</sup>
12.13	57.93	N30.0E° ± 10°	3.8	1.2	05.26.95	CMT	6x10 <sup>25</sup>
11.96	57.84	N25.0E° ± 15°	-1.5	0.5	02.13.05	CMT	6x10 <sup>23</sup>
11.92	57.81	N27.0E° ± 10°	0.4	1.2	03.28.96	CMT	2x10 <sup>25</sup>
11.83	57.77	N28.0E° ± 15°	1.2	0.5	02.26.92	CMT	9x10 <sup>24</sup>
11.74	57.71	N26.0E° ± 10°	-1.0	1.2	04.20.80	CMT	6x10 <sup>25</sup>
11.45	57.51	N29.0E° ± 10°	1.4	1.2	04.08.83	CMT	6x10 <sup>25</sup>
11.29	57.58	N27.0E° ± 15°	-0.9	0.5	08.27.03	CMT	3x10 <sup>24</sup>
11.16	57.35	N22.0E° ± 15°	-6.2	0.6	10.23.02	CMT	8x10 <sup>23</sup>
11.05	57.33	N29.0E° ± 10°	0.6	1.2	05.30.78	CMT	1x10 <sup>25</sup>
10.88	57.26	N28.0E° ± 15°	-0.8	0.6	12.06.92	CMT	4x10 <sup>24</sup>
0.39	67.18	N34.0E° ± 15°	-1.1	0.3	02.20.02	CMT	2x10 <sup>24</sup>
0.20	66.71	N32.0E° ± 15°	-3.6	0.3	07.08.94	CMT	1x10 <sup>24</sup>
-1.12	67.55	N38.0E° ± 15°	1.8	0.3	07.16.81	CMT	2x10 <sup>24</sup>
-1.14	67.79	N27.0E° ± 15°	-9.1	0.3	02.24.01	CMT	3x10 <sup>24</sup>
-1.19	67.58	N37.0E° ± 15°	0.7	0.3	07.28.03	CMT	3x10 <sup>24</sup>
-1.30	67.66	N36.0E° ± 15°	-0.3	0.3	11.23.97	CMT	2x10 <sup>24</sup>
-1.33	67.62	N37.0E° ± 15°	0.6	0.3	09.06.89	CMT	3x10 <sup>24</sup>
-1.35	67.85	N35.0E° ± 15°	-1.2	0.3	11.01.94	CMT	4x10 <sup>24</sup>
-1.40	67.77	N35.0E° ± 15°	-1.3	0.3	05.09.85	CMT	6x10 <sup>24</sup>
-3.00	68.08	N38.0E° ± 15°	0.5	0.3	03.17.79	CMT	4x10 <sup>24</sup>
<i>SC-AN</i>							
-60.25	-31.24	N52.0W° ± 15°	13.8	8.3	06.15.95	Thomas <i>et al.</i> (2003)	
-59.89	-31.54	N24.0W° ± 15°	42.2	7.0	03.27.81	Thomas <i>et al.</i> (2003)	
-60.32	-31.59	N81.0W° ± 15°	-15.2	8.3	05.30.95	Thomas <i>et al.</i> (2003)	
-60.41	-32.14	N50.0W° ± 15°	15.9	8.2	05.22.79	Thomas <i>et al.</i> (2003)	
-60.96	-36.10	N50.0W° ± 15°	16.5	8.0	01.09.84	Thomas <i>et al.</i> (2003)	
-60.84	-36.78	N80.0W° ± 15°	-13.1	7.8	9.13.86	Thomas <i>et al.</i> (2003)	
-61.09	-37.94	N65.0W° ± 15°	2.0	8.0	02.25.73	Thomas <i>et al.</i> (2003)	
-60.61	-40.90	N87.0W° ± 15°	-18.3	7.0	11.7.79	Thomas <i>et al.</i> (2003)	
-60.49	-44.22	S85.0W° ± 15°	335.3	6.6	05.24.91	Thomas <i>et al.</i> (2003)	
-60.19	-46.81	N21.0W° ± 15°	50.8	5.5	10.14.00	Thomas <i>et al.</i> (2003)	
-60.23	-47.07	N73.0W° ± 15°	-1.1	6.8	11.26.00	Thomas <i>et al.</i> (2003)	
-60.20	-47.47	S86.0W° ± 15°	338.2	6.6	07.17.99	Thomas <i>et al.</i> (2003)	
-60.28	-47.48	N55.0W° ± 15°	17.1	6.8	11.15.98	Thomas <i>et al.</i> (2003)	
-60.94	-53.12	N90.0W° ± 15°	-15.3	8.8	07.11.83	Thomas <i>et al.</i> (2003)	
<i>SW-AN</i>							
-60.27	-29.49	S87.0E° ± 15°	7.8	3.8	05.20.79	Thomas <i>et al.</i> (2003)	
-60.14	-29.39	S72.0E° ± 20°	23.0	2.1	06.22.81	CMT	3x10 <sup>24</sup>
-60.44	-27.77	S85.0E° ± 15°	13.3	3.3	06.10.87	CMT	3x10 <sup>25</sup>
-60.31	-26.91	S87.0E° ± 15°	13.1	3.1	07.28.85	CMT	4x10 <sup>25</sup>
<i>SW-SR</i>							
-56.50	-25.00	N71.0E° ± 5°	-5.1	25.1	56°-57° S	Thomas <i>et al.</i> (2003)	
-57.50	-25.00	N78.0E° ± 5°	1.5	22.8	57°-58° S	Thomas <i>et al.</i> (2003)	
-58.50	-25.30	N79.0E° ± 5°	1.6	20.6	58°-59° S	Thomas <i>et al.</i> (2003)	
<i>SC-SA</i>							
-53.02	-45.97	S80.0E° ± 15°	27.0	7.2	08.21.00	Thomas <i>et al.</i> (2003)	
-53.04	-46.84	N65.0E° ± 15°	-8.3	7.0	06.9.99	Thomas <i>et al.</i> (2003)	
-53.03	-46.94	N87.0E° ± 15°	13.6	6.8	03.21.82	Thomas <i>et al.</i> (2003)	
-52.89	-46.99	N82.0E° ± 15°	8.6	6.9	03.25.82	Thomas <i>et al.</i> (2003)	
-52.83	-46.95	S76.0E° ± 15°	30.6	6.5	03.30.82	Thomas <i>et al.</i> (2003)	
-53.64	-51.71	N69.0E° ± 15°	-6.1	4.2	01.10.92	Thomas <i>et al.</i> (2003)	

Lat. ° N	Long. ° E	Azimuth	Misfit*	Imp.	Date mo.dy.yr	Source	Moment (dyne cm)
-53.72	-51.71	N86.0E° ±15°	10.9	4.2	09.27.93	Thomas <i>et al.</i> (2003)	
-53.62	-51.82	N65.0E° ±15°	-10.2	4.2	01.10.92	Thomas <i>et al.</i> (2003)	
-53.79	-51.82	N64.0E° ±15°	-11.1	4.2	11.12.92	Thomas <i>et al.</i> (2003)	
-53.33	-55.13	N83.0E° ±15°	6.5	2.9	01.07.00	Thomas <i>et al.</i> (2003)	
-54.39	-56.40	N64.0E° ±15°	-12.8	2.5	11.18.82	Thomas <i>et al.</i> (2003)	
-54.40	-56.40	S77.0E° ±15°	26.2	2.4	11.19.82	Thomas <i>et al.</i> (2003)	
-54.39	-64.13	N89.0E° ±15°	9.0	1.4	06.15.70	Thomas <i>et al.</i> (2003)	

Horizontal slip directions are derived by rotating the direction of earthquake slip in the fault plane to the horizontal. \* Misfits are defined as directions estimated from MORVEL subtracted from the observed direction. The column labeled "Imp." gives the dimensionless data importances in units of  $10^{-2}$ . Abbreviations: CMT - Global centroid moment tensor (found at [www.globalcmt.org](http://www.globalcmt.org)).

Table 4: MORVEL GPS station velocities and model fits

Site ID	Lat. °N	Long. °E	Time (yrs)	$V_n$	$V_e$	Corr. coeff.	Misfit		Importance	
				mm yr <sup>-1</sup>	mm yr <sup>-1</sup>		$V_n$	$V_e$	$V_n$	$V_e$
				<i>CA-NA</i>		<i>ITRF2005</i>				
AVES	15.67	296.38	3.87	8.4± 1.4	20.6± 2.6	0.0007	2.6	1.2	4.3	1.8
BARB	13.09	300.39	3.21	5.7± 1.0	18.6± 1.9	0.0079	-0.2	-1.1	11.4	3.4
CMP1	14.51	274.29	5.21	6.1± 1.8	19.2± 3.3	0.0001	0.9	0.2	4.0	1.1
CRO1	17.76	295.42	12.97	5.1± 0.4	18.9± 0.5	-0.0576	-0.7	-0.2	52.2	48.5
FSD0	14.73	298.85	5.47	8.0± 1.6	19.5± 2.9	0.0007	2.2	-0.1	4.3	1.5
FSD1	14.73	298.85	5.45	8.5± 1.9	23.1± 2.5	0.0006	2.7	3.5	3.0	1.9
GLCO	15.03	273.93	4.36	6.1± 2.1	16.8± 5.2	0.0000	1.0	-2.1	2.9	0.4
HOUE	15.98	298.30	5.27	7.0± 0.7	18.5± 0.8	-0.0368	1.1	-0.9	22.5	18.3
MNT0	14.92	273.62	4.37	7.0± 1.4	19.8± 4.7	0.0000	1.9	0.9	6.4	0.6
ROJO	17.90	288.33	6.75	4.8± 1.1	20.0± 2.2	0.0007	-0.9	1.1	4.3	2.7
SANA	12.52	278.27	9.16	5.5± 0.6	21.5± 1.0	0.0015	0.2	2.2	26.6	13.2
SFDP	14.97	273.76	4.36	5.4± 1.4	20.4± 3.8	0.0001	0.2	1.4	6.7	0.8
PRT1	12.57	274.63	2.54	4.8± 3.3	16.6± 5.4	0.0000	-0.3	-2.6	1.1	0.4
PUEC	14.04	276.62	2.10	4.7± 3.9	14.6± 6.2	0.0000	-0.5	-4.5	0.7	0.3
RIOB	12.92	274.78	2.55	7.1± 1.5	13.8± 6.4	0.0000	1.9	-5.4	5.7	0.3
TEUS	12.41	274.19	2.55	6.6± 1.5	15.3± 1.8	0.0001	1.4	-4.0	5.6	3.7
				<i>SC-SA</i>		<i>ITRF2005</i>				
AUTF *	-54.84	-68.20	9.0	1.1± 0.4	6.5± 0.3	-0.1158	-0.3	-3.0	30.0	20.8
ORNO *	-55.97	-67.23	5.9	1.4± 0.0	7.5± 0.5	0.0545	-0.1	-1.8	10.3	18.8
PWMS *	-55.93	-67.58	?	1.1± 0.3	6.5± 0.2	-0.1495	-0.3	-2.8	51.7	20.5
				<i>PS-PA</i>		<i>ITRF2005</i>				
1140	20.43	136.08	3.27	5.8± 1.7	25.0± 2.1	0.0398	2.2	-1.7	3.7	3.1
KITA	25.95	131.29	11.61	11.6± 0.4	35.8± 0.5	0.0427	-0.1	0.4	41.7	45.5
MINA	25.83	131.23	11.75	11.9± 0.4	35.0± 0.5	0.0987	0.1	-0.2	43.0	51.3
PALA	7.33	134.45	5.42	6.1± 0.6	4.6± 1.0	0.0030	-0.2	0.0	19.7	92.8
				<i>SU-AU</i>		<i>ITRF2000</i>				
BATU	-3.87	114.79	Smn07	-67.4± 2.5	-11.9± 1.7	-0.0228	1.3	0.8	9.2	5.7
BINT	3.26	113.07	Smn07	-69.0± 1.7	-10.0± 1.1	-0.0104	-1.3	-1.6	17.4	5.8
BLKP	-1.27	116.81	Smn07	-70.1± 1.7	-12.0± 1.1	-0.0097	-0.2	-0.9	27.6	9.2
BNKK	13.67	100.61	Smn07	-57.8± 1.1	3.4± 0.7	0.0688	0.5	1.8	25.6	5.3
CHMI	18.77	98.97	Smn07	-56.7± 1.0	5.2± 0.8	0.0443	0.1	-1.4	25.7	9.4
CHON	13.12	101.05	Smn07	-58.4± 1.0	1.6± 0.7	0.0381	0.3	0.6	27.8	6.3
HPAA	16.94	97.72	Smn07	-54.0± 3.9	4.1± 2.9	-0.0275	1.7	-1.3	2.0	0.5
KUCH	1.63	110.19	Smn07	-66.2± 1.4	-9.9± 1.1	0.0255	-0.4	-0.7	15.6	9.8
NNKI	17.86	102.75	Smn07	-61.5± 3.6	4.3± 2.3	0.0122	-1.4	-0.3	2.5	0.7
NONN	16.00	108.26	Smn07	-64.5± 2.8	1.9± 1.9	-0.0179	-0.1	0.5	4.3	1.0
OTRI	18.34	99.37	Smn07	-56.3± 1.0	4.3± 0.6	0.0051	0.9	-1.8	36.2	9.6
PUER	10.09	118.85	Smn07	-70.9± 2.4	-3.4± 1.7	-0.0269	0.0	1.8	12.7	1.3
RYNG	12.76	101.03	Smn07	-59.1± 10.7	0.9± 7.0	-0.0085	-0.4	0.2	0.3	0.1
SISM	17.16	99.86	Smn07	-57.3± 2.7	4.5± 2.1	0.0094	0.3	-0.5	3.3	1.1
SRIS	14.90	104.42	Smn07	-62.1± 1.1	2.4± 0.8	0.0319	-0.7	0.7	20.8	6.0
TABA	0.86	108.89	Smn07	-64.2± 3.0	-7.5± 2.2	0.0113	0.7	2.3	3.1	2.5
UBRT	15.24	104.87	Smn07	-62.6± 2.0	2.5± 1.5	0.0478	-0.8	0.7	5.7	1.7
UTHA	15.38	100.01	Smn07	-58.3± 1.0	4.6± 0.8	0.0499	-0.5	1.3	23.2	6.7
				<i>YZ-AU</i>		<i>ITRF2000</i>				
F062	22.33	107.82	Shn05	-66.6± 0.8	6.3± 0.9	0.0442	-0.1	-0.2	3.5	3.2
F044	22.34	112.69	Shn05	-69.0± 0.8	2.7± 0.9	0.0378	0.0	-1.6	1.6	3.1
F063	22.41	109.26	Shn05	-66.8± 0.8	4.4± 0.9	0.0455	0.6	-1.5	2.7	3.1
F042	22.59	113.90	Shn05	-69.9± 0.8	3.5± 0.9	0.0364	-0.3	-0.4	1.3	3.0
F049	22.69	110.14	Shn05	-67.5± 0.8	4.2± 0.9	0.0418	0.2	-1.4	2.3	3.0
F047	22.79	111.56	Shn05	-68.6± 0.8	4.5± 0.9	0.0393	-0.1	-0.5	1.8	2.9
F041	22.83	114.45	Shn05	-70.0± 0.8	3.7± 0.9	0.0377	-0.2	-0.0	1.3	3.1

Site	Lat.	Long.	Time	$V_n$	$V_e$	Corr.	Misfit		Importance	
ID	$^{\circ}$ N	$^{\circ}$ E	(yrs)	mm yr $^{-1}$	mm yr $^{-1}$	coeff.	$V_n$	$V_e$	$V_n$	$V_e$
F028	22.98	115.63	Shn05	-71.2± 0.8	2.2± 0.9	0.0362	-0.9	-1.0	1.2	3.1
F060	23.15	108.30	Shn05	-66.1± 0.9	4.8± 1.0	0.0407	0.7	-2.0	2.9	2.5
GUAN	23.18	113.34	Shn05	-67.0± 0.8	6.2± 0.8	0.0458	2.3	1.8	1.6	3.3
F025	23.42	117.02	Shn05	-70.2± 0.8	3.0± 0.9	0.0345	0.6	0.3	1.3	2.8
F027	23.43	115.80	Shn05	-71.6± 0.8	2.3± 0.9	0.0361	-1.3	-1.0	1.2	2.8
F026	23.65	116.69	Shn05	-71.1± 0.8	2.3± 0.9	0.0350	-0.4	-0.7	1.2	2.7
F059	23.75	108.17	Shn05	-67.6± 0.9	7.8± 0.9	0.0421	-0.9	0.6	3.0	2.5
F023	24.13	117.59	Shn05	-71.7± 0.8	3.7± 0.9	0.0339	-0.6	1.0	1.3	2.5
XIAM	24.45	118.08	Shn05	-71.4± 0.8	3.3± 0.8	0.0382	-0.2	0.8	1.6	2.6
F022	24.56	117.61	Shn05	-72.5± 0.8	4.4± 0.9	0.0340	-1.4	1.5	1.3	2.3
F024	24.73	116.72	Shn05	-72.3± 0.8	4.1± 0.9	0.0353	-1.6	0.8	1.2	2.2
F020	24.77	118.60	Shn05	-70.5± 0.8	4.5± 0.9	0.0327	0.8	2.0	1.5	2.2
F037	24.81	113.56	Shn05	-70.0± 0.8	5.5± 0.9	0.0396	-0.6	0.5	1.4	2.2
JB21	25.19	110.31	Shn05	-68.3± 0.8	7.9± 0.8	0.0510	-0.4	1.1	2.6	2.3
F014	26.29	117.56	Shn05	-73.5± 0.8	2.9± 0.9	0.0346	-2.5	-0.7	1.3	1.7
F034	26.91	112.56	Shn05	-69.5± 0.8	5.5± 0.9	0.0396	-0.5	-1.0	1.6	1.4
JB22	27.06	115.05	Shn05	-71.3± 0.8	6.3± 0.9	0.0417	-1.3	1.2	1.4	1.5
F058	27.88	108.30	Shn05	-66.2± 0.8	10.3± 0.9	0.0459	0.6	1.1	3.2	1.2
F057	27.91	110.56	Shn05	-67.5± 0.8	6.7± 0.9	0.0433	0.5	-1.3	2.2	1.2
JB19	27.97	120.78	Shn05	-73.1± 0.8	3.5± 0.9	0.0303	-1.1	1.3	2.1	1.4
F012	28.73	118.64	Shn05	-72.5± 0.8	4.5± 0.9	0.0338	-1.2	0.7	1.5	1.3
F033	29.39	113.17	Shn05	-70.7± 0.8	6.3± 0.9	0.0406	-1.5	-0.9	1.5	1.1
F003	29.60	121.38	Shn05	-72.1± 0.8	2.0± 0.9	0.0283	0.1	-0.4	2.3	1.1
F002	29.98	122.27	Shn05	-72.1± 0.8	1.1± 0.9	0.0261	0.3	-0.8	2.7	1.1
F056	30.23	109.48	Shn05	-67.8± 0.8	12.0± 0.9	0.0453	-0.3	2.1	2.6	1.1
F001	30.33	120.24	Shn05	-72.2± 0.8	4.3± 0.9	0.0292	-0.3	1.0	1.9	1.1
WUHN	30.53	114.36	Shn05	-70.0± 0.7	7.0± 0.7	0.0602	-0.2	0.0	2.0	1.8
F010	30.58	117.02	Shn05	-70.6± 0.8	4.7± 0.9	0.0358	0.2	-0.7	1.2	1.1
F011	30.61	118.93	Shn05	-71.8± 0.8	4.4± 0.9	0.0321	-0.3	0.2	1.5	1.1
B019	30.74	122.43	Shn05	-72.5± 0.8	1.0± 0.9	0.0260	-0.0	-1.0	2.7	1.1
JB20	30.79	111.31	Shn05	-68.4± 0.8	9.3± 0.9	0.0492	-0.1	0.3	2.2	1.3
B017	30.84	120.20	Shn05	-72.2± 0.8	3.6± 0.9	0.0303	-0.3	0.1	1.9	1.2
F031	31.02	110.37	Shn05	-67.4± 0.8	10.9± 0.9	0.0455	0.5	1.2	2.3	1.2
B072	31.09	116.97	Shn05	-70.2± 0.8	6.7± 0.9	0.0350	0.6	1.1	1.2	1.2
B073	31.09	118.22	Shn05	-71.4± 0.8	4.8± 0.9	0.0341	-0.1	0.0	1.4	1.3
SHAO	31.10	121.20	Shn05	-72.1± 0.7	3.1± 0.7	0.0454	0.1	0.2	3.4	1.9
B015	31.25	120.57	Shn05	-72.0± 0.8	3.7± 0.9	0.0289	-0.0	0.3	2.0	1.2
C064	31.25	114.64	Shn05	-70.1± 0.8	7.5± 0.9	0.0393	-0.2	0.3	1.3	1.3
B074	31.38	119.46	Shn05	-71.7± 0.8	4.8± 0.9	0.0332	-0.0	0.7	1.7	1.3
JB04	31.65	119.03	Shn05	-72.3± 0.8	4.9± 0.9	0.0360	-0.8	0.4	1.8	1.4
B070	31.66	117.81	Shn05	-70.5± 0.8	5.3± 0.9	0.0358	0.6	0.1	1.3	1.4
B013	31.67	120.77	Shn05	-72.3± 0.8	4.4± 0.9	0.0297	-0.3	1.0	2.1	1.3
C061	31.69	115.88	Shn05	-70.5± 0.8	5.8± 0.9	0.0367	-0.2	-0.8	1.2	1.3
C065	31.69	113.35	Shn05	-69.2± 0.8	8.5± 0.9	0.0422	0.1	0.3	1.4	1.4
B069	31.72	118.33	Shn05	-71.3± 0.8	4.5± 0.9	0.0341	-0.0	-0.5	1.4	1.4
B014	31.73	121.80	Shn05	-71.5± 0.8	2.4± 1.0	0.0212	0.8	-0.3	2.4	1.1
B012	31.74	119.89	Shn05	-69.6± 0.8	3.7± 0.9	0.0317	2.1	-0.3	1.8	1.4
F029	31.91	112.11	Shn05	-68.7± 0.8	9.2± 0.9	0.0439	0.0	0.1	1.7	1.4
B011	31.95	120.89	Shn05	-72.2± 0.9	1.9± 1.0	0.0248	-0.2	-1.5	1.9	1.2
C062	32.10	114.07	Shn05	-70.2± 0.8	8.2± 0.9	0.0413	-0.6	0.4	1.3	1.5
B066	32.28	118.30	Shn05	-70.5± 0.8	4.5± 0.9	0.0342	0.8	-0.7	1.4	1.5
B067	32.40	119.49	Shn05	-71.2± 0.8	4.1± 0.9	0.0324	0.5	-0.3	1.7	1.5
B065	32.50	117.11	Shn05	-70.9± 0.8	5.3± 0.9	0.0370	-0.0	-0.7	1.3	1.6
B010	32.51	120.37	Shn05	-71.6± 0.8	4.0± 0.9	0.0311	0.3	0.1	1.9	1.6
C063	32.54	112.35	Shn05	-68.3± 0.8	10.0± 0.9	0.0438	0.6	0.8	1.7	1.6
B062	32.56	117.71	Shn05	-70.4± 0.8	5.6± 0.9	0.0361	0.7	-0.0	1.3	1.6
F055	32.69	109.05	Shn05	-66.2± 0.8	11.2± 0.9	0.0481	1.0	-0.1	2.9	1.6
B060	32.73	119.04	Shn05	-70.8± 0.8	4.7± 0.9	0.0341	0.7	-0.1	1.6	1.6
C059	32.75	113.31	Shn05	-69.5± 0.8	9.0± 0.9	0.0416	-0.2	0.3	1.4	1.6
C058	32.94	115.79	Shn05	-70.5± 0.8	8.0± 0.9	0.0391	-0.2	0.9	1.2	1.7
B061	32.97	118.48	Shn05	-70.9± 0.8	4.1± 0.9	0.0341	0.4	-1.2	1.4	1.7
C056	33.03	114.34	Shn05	-69.3± 0.8	7.9± 0.9	0.0402	0.4	-0.2	1.3	1.7
B009	33.16	120.46	Shn05	-72.0± 0.8	3.0± 0.9	0.0320	-0.1	-1.0	2.0	1.7
B059	33.18	119.42	Shn05	-72.1± 0.8	4.6± 0.9	0.0311	-0.4	-0.1	1.6	1.6
C060	33.28	111.47	Shn05	-68.4± 0.8	10.2± 0.9	0.0429	0.1	0.1	1.9	1.6
B055	33.48	118.19	Shn05	-70.6± 0.8	5.1± 0.9	0.0347	0.7	-0.5	1.4	1.8

Site ID	Lat. °N	Long. °E	Time (yrs)	$V_n$ mm yr <sup>-1</sup>	$V_e$ mm yr <sup>-1</sup>	Corr. coeff.	Misfit $V_n$	Misfit $V_e$	Importance $V_n$	Importance $V_e$
B056	33.48	117.90	Shn05	-70.2± 0.8	4.8± 0.9	0.0351	0.9	-1.1	1.4	1.8
B053	33.51	119.01	Shn05	-71.4± 0.8	4.2± 0.9	0.0327	0.1	-0.9	1.5	1.7
F053	33.53	107.98	Shn05	-66.5± 0.8	13.5± 0.9	0.0505	0.1	1.0	3.4	1.8
B052	33.55	120.04	Shn05	-71.8± 0.8	3.3± 0.9	0.0318	0.1	-1.1	1.8	1.9
B057	33.55	117.56	Shn05	-69.9± 0.8	6.3± 0.9	0.0357	1.1	0.2	1.3	1.9
B058	33.65	116.98	Shn05	-70.4± 0.8	6.5± 0.9	0.0375	0.4	-0.1	1.2	1.9
F054	33.66	109.11	Shn05	-67.0± 0.8	12.3± 0.9	0.0483	0.3	0.5	2.8	1.8
B054	33.76	118.67	Shn05	-71.2± 0.8	4.7± 0.9	0.0349	0.1	-0.7	1.5	1.9
D078	33.88	109.92	Shn05	-66.5± 0.8	11.0± 0.9	0.0482	1.1	-0.4	2.5	1.9
B047	33.90	117.93	Shn05	-70.5± 0.8	5.3± 0.9	0.0352	0.6	-0.7	1.4	2.0
<i>AM-AU ITRF2000</i>										
HORN	52.12	109.15	Jin07	-66.5± 1.1	18.6± 1.2	0.0274	0.5	2.5	6.8	4.7
ULAZ	51.81	107.62	Jin07	-65.4± 1.0	16.5± 1.1	0.0338	0.8	-0.9	9.3	5.3
ULAN	51.81	107.62	Jin07	-67.3± 1.0	18.4± 1.0	0.0369	-1.1	1.0	9.4	6.2
UDUN	51.17	106.02	Jin07	-65.0± 0.9	19.1± 1.0	0.0423	0.3	0.6	13.2	5.9
KIAT	50.74	106.49	Jin07	-64.8± 0.9	18.6± 1.0	0.0418	0.7	0.7	12.6	5.8
JB13	50.39	124.10	Jin07	-70.4± 1.0	0.8± 1.1	0.0190	1.5	-0.5	6.0	5.8
SUKG	50.23	106.25	Jin07	-65.7± 1.0	17.7± 1.0	0.0380	-0.2	-0.1	10.7	5.5
HLAR	49.27	119.74	Jin07	-71.1± 1.0	5.9± 1.1	0.0243	-0.1	0.7	4.8	5.5
KHAJ	48.52	135.05	4.3973	-72.6± 0.7	-10.4± 1.1	-0.2224	-0.1	-0.9	35.0	4.8
BATS	48.52	110.85	Jin07	-70.1± 1.1	12.4± 1.2	0.0260	-2.3	-0.6	5.8	3.9
CHOI	48.09	114.58	Jin07	-70.5± 1.0	9.0± 1.1	0.0275	-1.2	-0.5	5.4	4.6
UNDE	47.26	110.59	Jin07	-67.0± 1.0	12.7± 1.2	0.0287	0.7	0.0	7.2	3.9
JB10	46.65	131.17	Jin07	-71.6± 1.0	-8.2± 1.1	0.0097	1.0	-2.1	10.9	5.7
JB14	46.06	122.17	Jin07	-71.2± 1.0	2.4± 1.1	0.0212	0.4	0.3	5.3	5.7
SUIY	44.43	130.91	Jin07	-72.7± 1.0	-7.5± 1.1	0.0091	-0.1	-1.4	10.6	5.7
JB17	43.90	116.10	Jin07	-71.8± 1.0	8.9± 1.0	0.0281	-2.0	2.2	5.0	6.7
CHAN	43.79	125.44	Jin07	-71.6± 1.0	-1.9± 1.1	0.0170	0.6	-0.5	6.6	6.9
JB12	43.00	129.49	Jin07	-72.2± 1.0	-6.7± 1.1	0.0108	0.3	-1.6	9.4	6.5
JB15	42.76	121.77	Jin07	-70.6± 1.0	1.5± 1.0	0.0215	0.9	0.0	5.2	7.6
JB18	41.52	111.71	Jin07	-67.1± 1.0	10.2± 1.0	0.0323	1.1	1.0	6.6	8.8

The north and east velocity components  $V_n$  and  $V_e$  and their misfits are in units of mm yr<sup>-1</sup>. Time specifies the interval in years spanned by the GPS data, if known. North and east velocity importances are dimensionless and in units of 10<sup>-2</sup>. The correlation coefficient specifies the correlation between the north and east velocity variances and should be used to reconstruct their covariance. All station velocities except those from the Scotia, Sundaland, and Yangtze plates are from GIPSY-OASIS II analysis of original GPS code-phase data at the University of Wisconsin-Madison, current through September 30, 2008. All station velocities with native geodetic reference frames of ITRF2000 and ITRF2005 were corrected by respective Cartesian translation rates of ( $X = 0.1$ ,  $Y = -0.1$ ,  $Z = 0.6$  mm yr<sup>-1</sup>) and ( $X = -0.3$ ,  $Y = 0.0$ ,  $Z = -1.2$  mm yr<sup>-1</sup>) for the estimated motions of the ITRF2000 and ITRF2005 geocenters relative to Earth's center of mass prior to their transformation to plate-based frames of reference, as described in the text.

\* Velocities and original uncertainties from Smalley *et al.* (2007). For the MORVEL inversion, the north and east velocity components and their covariances were transformed to rates and directions and their uncertainties. All three rate uncertainties were then increased to  $\pm 3$  mm yr<sup>-1</sup>. The station motions, shown in Fig. 28, are specified relative to the South America plate, whose motion is defined by Smalley *et al.* (2007) from the velocities of GPS stations with locations shown in Fig. 5.

The Australia, North America, and Pacific plate GPS station velocities that are used to derive plate-based frames of reference for the Amur (AM), Caribbean (CA), Philippine Sea (PS), Sundaland (SU), and Yangtze (YZ) plates are given in supplemental Table 5.

Yangtze plate station velocities (YZ-AU) labeled "Shn05" in the table are from Shen *et al.* (2005). Sundaland station velocities (SU-AU) labeled "Smn07" in the table are from Simon *et al.* (2007).

Table 5: Supplemental GPS station velocities and best model fits

Site ID	Lat. °N	Long. °E	Time (yrs)	$V_n$	$V_e$	Corr. coeff.	Misfit		Importance	
				mm yr <sup>-1</sup>	mm yr <sup>-1</sup>		$V_n$	$V_e$	$V_n$	$V_e$
				<i>AU plate</i>		<i>ITRF2000</i>				
ADEL	-34.73	138.65	11.65	57.3± 0.4	24.7± 0.7	0.0902	0.2	0.2	7.0	3.5
ALIC	-23.67	133.89	11.84	57.8± 0.3	31.5± 0.4	0.0635	0.0	-0.3	10.1	10.5
AUCK	-36.60	174.83	11.13	38.8± 0.4	4.0± 0.5	-0.1140	-0.5	-0.5	23.1	6.0
CEDU	-31.87	133.81	11.84	57.8± 0.3	28.7± 0.5	0.1730	-0.0	0.2	10.7	7.3
COCO	-12.19	96.83	10.39	50.0± 0.5	44.6± 0.7	-0.1467	0.1	1.6	21.6	7.1
DARW	-12.84	131.13	13.83	57.0± 0.5	35.6± 0.6	0.1383	-1.0	-0.2	4.3	7.1
HOB2	-42.80	147.44	12.33	54.8± 0.4	14.3± 0.4	-0.0267	0.0	0.3	8.3	9.1
JAB1	-12.66	132.89	8.27	59.3± 0.7	34.9± 0.6	-0.1877	1.5	-0.5	3.1	4.7
KARR	-20.98	117.10	11.84	56.8± 0.4	38.4± 0.6	0.1183	-0.3	-0.5	14.0	5.6
KOUC	-20.56	164.29	4.39	45.9± 0.7	22.0± 1.0	-0.0400	-0.5	-0.8	4.6	2.0
MOBS	-37.83	144.98	3.51	56.5± 0.7	19.4± 0.8	0.0988	1.0	0.5	2.8	2.5
NNOR	-31.05	116.19	4.33	57.3± 0.6	38.6± 0.7	0.1340	0.3	0.5	6.2	3.2
NOUM	-22.27	166.41	8.84	44.7± 0.5	20.7± 0.6	0.0619	-0.4	-0.1	12.5	5.0
PERT	-31.80	115.89	12.41	56.7± 0.4	38.9± 0.6	0.0367	-0.3	0.7	12.4	4.2
STR1	-35.32	149.01	8.47	54.7± 0.4	18.4± 0.4	0.0806	0.6	0.1	10.6	8.8
SUNM	-27.48	153.04	3.81	52.4± 0.8	21.1± 0.9	-0.0592	-0.0	-0.6	2.3	2.0
TID2	-35.40	148.98	10.93	54.4± 0.4	18.1± 0.4	-0.0555	0.2	-0.1	9.0	8.8
TIDB	-35.40	148.98	13.83	54.7± 0.5	18.1± 0.5	0.1511	0.6	-0.1	6.1	5.0
TOW2	-19.27	147.06	11.80	54.4± 0.4	28.2± 0.6	-0.0166	-0.3	-0.8	9.6	6.8
YAR1	-29.05	115.35	9.35	56.0± 0.5	39.9± 1.0	0.0648	-0.8	1.1	8.5	1.8
				<i>PA plate</i>		<i>ITRF2005</i>				
1098	24.29	153.98	5.76	23.5± 0.5	-72.2± 0.7	-0.0077	-0.3	-0.4	11.6	5.3
ASPA	-14.33	189.28	6.75	33.4± 0.5	-64.2± 0.7	-0.1818	-0.6	-0.8	4.4	5.3
CHAT	-43.96	183.43	12.99	33.3± 0.4	-40.5± 0.5	0.0267	0.7	0.8	9.1	21.3
CKIS	-21.20	200.20	7.06	34.2± 0.5	-61.9± 0.5	-0.1249	-0.5	0.5	6.9	11.6
FALE	-13.83	188.00	9.02	33.1± 0.5	-64.5± 0.8	-0.0586	-0.7	-1.0	4.7	4.1
HILO	19.72	204.95	9.75	35.7± 0.3	-63.0± 0.5	0.0357	0.9	-0.3	12.3	12.5
HNLC	21.30	202.14	9.75	34.6± 0.4	-63.0± 0.5	0.1173	-0.3	-0.4	9.0	10.6
KIRI	1.35	172.92	6.17	30.9± 0.5	-67.8± 0.7	0.1137	0.2	-0.0	7.1	5.0
KOK1	21.98	200.24	11.74	35.2± 0.4	-62.1± 0.4	0.0448	0.3	0.7	8.8	13.6
KWJ1	8.72	167.73	6.35	29.4± 0.8	-69.3± 1.0	0.0182	0.3	0.2	3.7	2.3
MARC	24.29	153.98	4.84	23.1± 1.1	-72.7± 0.9	-0.0149	-0.7	-0.9	3.8	2.2
MAUI	20.71	203.74	9.75	34.6± 0.3	-62.2± 0.5	0.0912	-0.3	0.3	12.0	10.6
MKEA	19.80	204.54	12.00	35.2± 0.4	-64.0± 0.5	-0.0366	0.3	-1.2	9.8	9.7
NAUR	-0.55	166.93	5.26	29.2± 0.5	-67.0± 0.7	0.1016	0.4	0.2	8.7	4.6
PAMA	-17.57	210.43	4.24	29.2± 1.8	-62.9± 1.7	0.0169	-5.2	2.7	0.6	0.9
POHN	6.96	158.21	5.42	25.0± 0.9	-69.1± 1.0	0.0655	-0.6	0.7	4.1	2.1
SAMO	-13.85	188.26	7.25	33.1± 0.5	-64.9± 0.9	-0.0413	-0.7	-1.4	6.0	3.1
TAHT	-17.58	210.39	4.75	33.5± 0.6	-64.6± 1.2	-0.0165	-0.9	1.0	4.5	1.9
THTI	-17.58	210.39	10.33	34.1± 0.5	-65.6± 0.8	-0.1159	-0.3	0.0	8.3	5.1
TRUK	7.45	151.89	6.82	24.4± 0.5	-70.0± 1.2	0.0667	1.5	0.3	15.1	1.6
TUVA	-8.53	179.20	6.84	32.0± 0.5	-63.7± 0.6	0.0362	-0.2	1.0	6.9	6.1
				<i>NA plate</i>		<i>ITRF2005</i>				
ILSU	30.41	268.82	5.44	-1.5± 0.7	-12.5± 0.8	0.3539	-0.2	-0.2	0.2	0.2
INSU	31.75	266.90	4.47	-1.0± 0.5	-13.0± 0.6	0.0287	1.0	-0.4	0.2	0.3
IULM	32.53	267.92	5.21	-1.5± 0.5	-13.1± 0.6	0.0370	0.1	-0.2	0.2	0.3
ABQ1	34.96	253.51	5.19	-7.0± 0.5	-13.2± 0.6	-0.0751	-0.3	-0.4	0.7	0.2
ABQ2	34.96	253.51	5.14	-6.4± 0.5	-13.1± 0.6	-0.2648	0.3	-0.3	0.9	0.2
ADRI	41.92	275.98	6.69	0.8± 0.4	-15.1± 0.5	-0.0954	-0.3	0.3	0.4	0.4
ALAU	32.61	274.52	3.20	0.8± 0.6	-14.1± 0.8	-0.1520	0.1	-1.1	0.2	0.1
ALCA	33.10	273.25	3.57	0.6± 0.6	-14.3± 0.8	0.0330	0.3	-1.2	0.2	0.1
AMC2	38.62	255.48	9.82	-5.3± 0.4	-14.5± 0.4	0.0576	0.8	-0.6	0.9	0.4
AML5	35.15	258.12	12.69	-5.0± 0.3	-13.3± 0.8	0.0981	0.1	-0.1	1.1	0.1
ANG2	29.30	264.52	4.32	-4.0± 0.6	-12.1± 0.7	-0.1049	-1.2	-0.2	0.2	0.3
ANP1	39.01	283.39	5.46	3.2± 0.6	-14.3± 0.7	-0.0641	-0.7	0.3	0.4	0.1
ANTO	29.49	261.42	12.68	-3.4± 0.4	-12.2± 0.5	-0.0531	0.5	-0.4	0.7	0.4

Site ID	Lat.	Long.	Time (yrs)	$V_n$	$V_e$	Corr. coeff.	Misfit		Importance	
	$^{\circ}$ N	$^{\circ}$ E		$\text{mm yr}^{-1}$	$\text{mm yr}^{-1}$		$V_n$	$V_e$	$V_n$	$V_e$
AOML	25.73	279.84	6.37	$3.0 \pm 0.6$	$-9.7 \pm 0.8$	-0.0295	0.3	1.2	0.3	0.3
ARBT	35.71	268.37	3.15	$-2.2 \pm 0.7$	$-13.3 \pm 0.8$	-0.0323	-0.7	0.5	0.1	0.1
ARCM	33.54	267.12	3.15	$-1.4 \pm 0.6$	$-12.6 \pm 0.7$	-0.0878	0.5	0.5	0.2	0.2
ARFY	36.12	265.82	3.15	$-2.4 \pm 0.7$	$-14.1 \pm 0.7$	-0.0833	0.0	-0.3	0.2	0.2
ARHP	33.70	266.40	3.15	$-2.1 \pm 0.8$	$-10.7 \pm 1.1$	-0.1132	0.1	2.5	0.1	0.1
ARHR	36.18	266.97	3.15	$-1.7 \pm 0.7$	$-12.2 \pm 0.7$	-0.1318	0.3	1.6	0.1	0.1
ARL5	32.76	262.94	12.69	$-2.8 \pm 0.4$	$-13.8 \pm 0.4$	-0.0198	0.6	-1.0	0.5	0.5
ARLR	34.67	267.62	3.15	$-1.8 \pm 0.7$	$-12.6 \pm 0.7$	-0.1488	-0.0	0.9	0.1	0.1
ARPG	36.06	269.48	3.15	$-1.2 \pm 0.7$	$-12.9 \pm 0.7$	-0.1475	-0.1	1.0	0.1	0.1
ASHV	35.60	277.45	6.76	$2.3 \pm 0.4$	$-14.2 \pm 0.5$	-0.0049	0.5	-0.4	0.4	0.3
ASUB	36.21	278.32	5.57	$1.9 \pm 0.6$	$-13.5 \pm 0.7$	0.0103	-0.2	0.5	0.2	0.2
ATL1	33.94	275.48	4.34	$1.5 \pm 0.6$	$-14.1 \pm 1.0$	0.1623	0.4	-0.7	0.2	0.1
AVCA	43.06	277.31	5.46	$0.9 \pm 0.5$	$-15.3 \pm 0.5$	-0.1059	-0.7	0.4	0.4	0.4
AZAH	33.77	248.11	3.47	$-8.6 \pm 0.6$	$-12.5 \pm 0.9$	-0.1169	-0.1	-0.4	0.7	0.1
AZBK	33.37	247.38	3.87	$-10.1 \pm 0.7$	$-10.0 \pm 1.3$	-0.2920	-1.4	1.9	0.6	0.1
AZCL	32.98	248.48	3.36	$-7.9 \pm 0.6$	$-12.2 \pm 0.8$	-0.1399	0.4	-0.3	0.6	0.2
AZCN	36.84	252.09	9.40	$-6.1 \pm 0.5$	$-14.4 \pm 0.5$	-0.1537	1.1	-1.2	0.9	0.3
AZCO	31.39	250.07	3.55	$-6.3 \pm 0.9$	$-12.4 \pm 1.1$	-0.0000	1.5	-0.8	0.2	0.1
AZGB	33.40	249.23	5.45	$-8.4 \pm 0.6$	$-13.6 \pm 0.9$	-0.0537	-0.3	-1.5	0.7	0.1
AZKR	33.06	249.09	3.36	$-9.0 \pm 0.7$	$-13.3 \pm 1.0$	-0.1100	-0.9	-1.3	0.5	0.1
AZPE	33.57	247.74	3.36	$-7.8 \pm 0.9$	$-13.1 \pm 0.8$	-0.0652	0.8	-1.1	0.4	0.1
AZSC	33.49	248.08	4.31	$-9.0 \pm 0.7$	$-13.6 \pm 0.8$	-0.2253	-0.5	-1.6	0.6	0.2
BIGR	43.68	274.51	4.25	$-1.1 \pm 0.6$	$-15.8 \pm 0.5$	-0.0870	-1.7	0.1	0.2	0.3
BIL1	45.97	252.00	6.14	$-7.3 \pm 0.6$	$-15.0 \pm 0.5$	-0.0294	0.0	0.2	0.7	0.3
BKLY	37.80	278.85	7.28	$2.0 \pm 0.5$	$-14.3 \pm 0.5$	-0.0382	-0.2	0.1	0.4	0.3
BKVL	28.47	277.55	4.94	$1.7 \pm 0.6$	$-11.8 \pm 1.1$	0.0158	-0.2	-0.0	0.2	0.1
BLKV	37.21	279.59	9.47	$3.2 \pm 0.5$	$-13.7 \pm 0.5$	-0.1325	0.7	0.5	0.5	0.3
BLMM	36.88	270.03	9.26	$-0.8 \pm 0.4$	$-14.0 \pm 0.6$	0.0045	0.1	0.1	0.3	0.2
BLRW	43.23	269.47	8.91	$-1.3 \pm 0.5$	$-15.4 \pm 0.8$	-0.2748	-0.1	0.3	0.2	0.1
BRCH	43.25	276.13	4.25	$0.7 \pm 0.5$	$-15.7 \pm 0.5$	-0.1572	-0.5	0.1	0.3	0.3
BRIG	42.52	276.24	7.11	$1.2 \pm 0.4$	$-15.6 \pm 0.5$	-0.0080	-0.0	-0.0	0.4	0.4
BRMU	32.37	295.30	15.53	$8.5 \pm 0.3$	$-11.8 \pm 0.5$	0.0108	0.4	0.5	2.2	0.4
BRTW	27.95	278.22	5.28	$2.0 \pm 0.6$	$-11.3 \pm 0.7$	-0.0417	-0.1	0.3	0.3	0.3
BSMK	46.82	259.18	6.73	$-5.4 \pm 0.6$	$-15.9 \pm 0.4$	-0.0219	-0.5	0.1	0.5	0.4
BVHS	29.34	270.59	6.09	$-1.0 \pm 0.4$	$-12.9 \pm 0.5$	0.0507	-0.4	-0.9	0.3	0.4
CALU	41.73	272.46	5.26	$-0.4 \pm 0.5$	$-15.3 \pm 0.5$	0.0032	-0.3	0.1	0.3	0.3
CASP	42.82	253.62	8.50	$-6.0 \pm 0.5$	$-14.5 \pm 0.5$	0.1497	0.7	0.2	0.8	0.3
CASS	43.60	276.84	5.46	$0.8 \pm 0.5$	$-15.7 \pm 0.5$	-0.0787	-0.6	0.1	0.4	0.4
CCV3	28.46	279.45	8.47	$3.8 \pm 0.4$	$-12.5 \pm 0.5$	0.0398	1.2	-0.8	0.6	0.5
CHA1	32.76	280.16	8.16	$2.9 \pm 0.4$	$-12.1 \pm 0.6$	-0.0041	0.1	0.9	0.5	0.2
CHIH	28.65	253.93	15.42	$-6.3 \pm 0.4$	$-10.6 \pm 0.7$	0.2175	0.2	0.6	1.0	0.3
CHL1	38.78	284.91	6.50	$4.0 \pm 0.5$	$-15.0 \pm 0.5$	0.0301	-0.4	-0.5	0.6	0.3
CHME	35.28	279.11	6.64	$2.7 \pm 0.5$	$-12.9 \pm 0.5$	-0.0777	0.3	0.8	0.4	0.3
CHSN	43.19	275.88	4.20	$-0.8 \pm 0.8$	$-15.2 \pm 0.8$	-0.2707	-1.9	0.6	0.2	0.1
CHT1	41.67	290.05	6.73	$5.1 \pm 1.1$	$-14.6 \pm 1.3$	-0.0720	-1.1	0.3	0.2	0.0
CJTR	34.82	267.73	9.04	$-1.6 \pm 0.4$	$-13.7 \pm 0.4$	0.0679	0.1	-0.2	0.4	0.4
CLK1	44.94	262.04	8.85	$-6.2 \pm 0.7$	$-14.5 \pm 0.8$	-0.4444	-2.3	1.3	0.3	0.1
CLRE	42.72	277.40	5.46	$1.7 \pm 0.5$	$-15.3 \pm 0.5$	-0.1866	0.1	0.3	0.4	0.3
COGA	33.54	277.87	3.19	$3.3 \pm 0.6$	$-13.8 \pm 0.7$	0.0098	1.4	-0.6	0.2	0.2
COKO	28.51	279.21	4.61	$2.7 \pm 0.6$	$-11.4 \pm 1.6$	-0.0940	0.2	0.4	0.2	0.1
COLA	34.08	278.88	9.75	$2.9 \pm 0.4$	$-12.9 \pm 0.6$	0.0679	0.6	0.5	0.5	0.3
COLB	39.96	276.95	6.80	$1.9 \pm 0.4$	$-16.0 \pm 0.4$	-0.1450	0.4	-1.1	0.5	0.4
CONO	35.70	278.77	7.00	$2.9 \pm 0.5$	$-13.0 \pm 0.6$	-0.0962	0.7	0.8	0.3	0.3
CORB	38.20	282.63	7.62	$3.5 \pm 0.4$	$-14.6 \pm 0.6$	-0.0534	-0.1	-0.2	0.7	0.2
CORC	27.74	262.56	12.68	$-2.6 \pm 0.4$	$-12.0 \pm 0.5$	-0.0396	0.9	-0.7	0.6	0.6
COSA	33.57	248.12	10.04	$-7.4 \pm 0.5$	$-13.6 \pm 0.6$	-0.1643	1.0	-1.6	1.0	0.2
COT1	32.22	249.03	8.74	$-7.5 \pm 0.4$	$-13.2 \pm 0.5$	-0.0686	0.6	-1.4	1.3	0.4
COVX	36.90	284.29	6.66	$3.5 \pm 0.6$	$-13.8 \pm 1.0$	-0.0966	-0.7	0.2	0.3	0.1
CPAC	43.01	277.07	3.57	$1.7 \pm 0.6$	$-17.0 \pm 0.8$	-0.0913	0.2	-1.3	0.2	0.2
CSL2	34.34	282.12	5.74	$4.2 \pm 0.5$	$-12.7 \pm 0.6$	0.1523	0.7	0.7	0.4	0.2
CTBR	41.50	286.58	3.27	$3.8 \pm 0.7$	$-14.9 \pm 1.1$	-0.1269	-1.1	0.2	0.4	0.1
CTDA	41.07	286.49	3.27	$5.0 \pm 0.8$	$-14.9 \pm 0.9$	-0.1810	0.1	0.1	0.3	0.1
CTEG	41.92	287.30	3.27	$4.4 \pm 0.6$	$-14.5 \pm 0.7$	-0.1487	-0.8	0.7	0.4	0.1
CTGR	41.34	287.95	3.27	$5.0 \pm 0.6$	$-16.1 \pm 0.8$	-0.0825	-0.4	-1.1	0.4	0.1
CTGU	41.29	287.33	3.27	$4.9 \pm 0.6$	$-15.4 \pm 0.7$	-0.1156	-0.3	-0.4	0.4	0.2
CTMA	41.73	287.79	3.27	$5.2 \pm 0.7$	$-16.0 \pm 1.1$	-0.1834	-0.2	-0.9	0.3	0.1

Site ID	Lat.	Long.	Time (yrs)	$V_n$	$V_e$	Corr. coeff.	Misfit		Importance	
	°N	°E		$\text{mm yr}^{-1}$	$\text{mm yr}^{-1}$		$V_n$	$V_e$	$V_n$	$V_e$
CTNE	41.67	287.29	3.20	4.7± 0.7	-15.8± 0.7	-0.0781	-0.5	-0.7	0.4	0.1
CTPU	41.90	288.11	3.27	5.6± 0.6	-17.0± 0.9	-0.1060	0.1	-1.9	0.4	0.1
CTWI	41.90	286.93	3.27	5.5± 0.8	-16.5± 0.7	-0.1058	0.4	-1.3	0.3	0.1
CULI	24.80	252.62	15.47	-6.5± 0.4	-8.6± 0.6	0.1507	0.4	1.4	1.1	0.5
CVMS	35.54	270.36	8.27	-1.0± 0.5	-13.1± 0.9	-0.1850	-0.2	0.7	0.2	0.1
DEFI	41.28	275.59	6.80	0.3± 0.6	-15.7± 0.5	-0.2989	-0.7	-0.4	0.3	0.2
DET1	42.30	276.90	12.14	1.3± 0.5	-15.5± 0.5	-0.1360	-0.2	0.0	0.3	0.3
DFNK	30.73	273.85	4.05	0.6± 0.6	-11.6± 0.6	0.0009	0.1	0.8	0.2	0.3
DNRC	39.16	284.48	10.51	4.2± 0.3	-15.0± 0.6	-0.1303	-0.0	-0.4	1.1	0.2
DOBS	36.43	279.28	5.42	2.2± 0.5	-13.4± 0.6	-0.0771	-0.2	0.6	0.3	0.2
DQUA	34.11	265.71	11.75	-1.7± 0.4	-13.1± 0.4	0.0519	0.7	0.1	0.5	0.5
DRUM	33.84	272.76	3.05	-1.6± 1.9	-13.3± 0.9	-0.0965	-1.7	0.0	0.1	0.0
DSRC	39.99	254.74	9.31	-6.6± 0.4	-13.8± 0.5	-0.0999	-0.3	0.3	1.0	0.3
DUCK	36.18	284.25	6.62	4.9± 1.8	-12.7± 2.7	0.6976	0.7	1.1	0.1	0.0
DUNN	29.06	277.63	4.60	2.0± 0.6	-11.0± 0.9	-0.0068	0.1	0.9	0.2	0.1
EDAA	33.54	273.24	3.60	-0.8± 0.6	-11.8± 0.9	-0.0751	-1.1	1.4	0.2	0.1
EDAN	36.15	273.30	3.60	0.5± 0.9	-10.2± 1.4	-0.0170	0.2	3.8	0.1	0.0
EDDV	30.40	272.32	3.60	-0.5± 0.6	-14.3± 0.7	-0.0443	-0.5	-2.0	0.1	0.2
EDKW	32.36	273.77	3.60	-0.4± 0.7	-12.8± 0.8	-0.1218	-0.9	0.1	0.1	0.2
EDM1	35.06	270.16	3.60	-0.8± 0.6	-13.6± 0.9	0.0114	0.1	0.0	0.2	0.1
EDM2	35.45	270.22	3.47	-1.1± 0.8	-13.2± 1.1	0.0184	-0.3	0.5	0.1	0.1
EDMC	30.69	271.88	3.25	-0.5± 0.7	-15.7± 0.9	-0.0813	-0.3	-3.3	0.1	0.1
EKY1	27.60	277.24	5.24	1.4± 0.7	-12.8± 0.9	0.0109	-0.4	-1.3	0.2	0.2
ELP3	31.69	253.73	7.68	-6.7± 0.5	-12.4± 0.7	0.0645	-0.1	-0.4	0.7	0.2
ENG1	29.88	270.06	11.99	0.0± 0.5	-13.5± 0.7	-0.1422	0.8	-1.3	0.2	0.2
ERLA	39.02	275.39	9.68	1.1± 0.4	-14.5± 0.4	0.1435	0.1	0.2	0.5	0.4
FAYR	35.03	281.13	4.26	4.3± 0.6	-12.9± 0.7	-0.2185	1.2	0.7	0.3	0.1
FBYN	40.08	262.69	9.44	-3.2± 0.4	-14.4± 0.5	-0.2075	0.4	0.3	0.6	0.3
FMTY	25.68	259.71	15.47	-4.8± 0.4	-9.6± 0.5	0.0894	-0.3	1.0	0.7	0.6
FMYR	26.59	278.14	4.60	1.9± 0.6	-10.8± 0.8	-0.1244	-0.2	0.4	0.3	0.3
FRTG	43.04	277.51	5.46	1.1± 0.5	-15.8± 0.5	-0.0562	-0.6	-0.1	0.3	0.3
GAAT	33.95	276.67	3.57	1.4± 1.0	-13.2± 1.0	-0.3146	-0.1	0.2	0.1	0.1
GACC	33.55	277.87	4.90	2.3± 0.5	-13.4± 0.7	-0.1041	0.4	-0.2	0.3	0.2
GACL	33.63	274.84	3.57	-0.7± 0.9	-14.3± 0.7	-0.0931	-1.6	-1.0	0.1	0.1
GACR	32.38	276.65	3.35	2.2± 0.7	-12.4± 1.1	-0.2012	0.7	0.5	0.2	0.1
GAIT	39.13	282.78	13.83	3.7± 0.3	-14.6± 0.3	-0.0113	0.1	0.0	1.2	0.7
GAL1	29.33	265.26	5.87	-3.0± 0.6	-11.5± 0.6	0.0472	-0.5	0.4	0.2	0.3
GALB	39.21	275.51	10.32	1.1± 0.3	-13.6± 0.4	-0.0190	0.1	1.2	0.6	0.5
GALP	38.84	277.72	5.75	2.0± 0.4	-14.6± 0.5	-0.0458	0.2	0.1	0.4	0.4
GALV	33.98	276.02	3.57	2.1± 0.8	-14.2± 0.8	-0.1303	0.8	-0.8	0.1	0.1
GAMC	32.70	276.35	3.57	1.3± 0.8	-13.1± 0.9	-0.0434	-0.1	-0.1	0.1	0.1
GAML	33.15	276.76	3.56	1.1± 1.0	-13.8± 0.8	-0.0005	-0.5	-0.7	0.1	0.1
GANW	33.31	275.23	3.57	-0.2± 0.7	-14.1± 2.0	-0.2882	-1.2	-0.9	0.1	0.0
GARF	41.42	278.39	5.46	0.6± 0.5	-16.4± 0.6	-0.0617	-1.4	-1.1	0.3	0.2
GAST	35.31	278.81	5.93	2.3± 0.5	-13.2± 0.5	-0.1454	0.1	0.5	0.4	0.3
GCGT	19.29	278.62	3.31	2.8± 0.9	-8.0± 0.8	-0.0396	0.5	0.9	0.1	0.3
GDAC	37.78	257.82	11.95	-4.3± 0.3	-14.0± 0.4	-0.1065	0.9	-0.2	1.1	0.5
GDMA	47.75	269.66	6.38	-3.0± 0.4	-18.3± 0.6	-0.0875	-1.8	-1.6	0.3	0.4
GLPT	37.25	283.50	9.13	4.4± 0.5	-13.9± 0.7	0.0442	0.5	0.2	0.6	0.2
GNVL	29.69	277.72	6.37	1.4± 0.5	-11.7± 0.5	-0.0885	-0.5	0.4	0.4	0.5
GODE	39.02	283.17	15.39	4.1± 0.3	-14.6± 0.3	0.0205	0.3	0.0	1.2	0.7
GRAR	42.99	274.33	7.11	0.1± 0.4	-15.5± 0.5	-0.0564	-0.4	0.2	0.4	0.4
GRTN	38.86	276.12	5.75	0.8± 0.4	-15.0± 0.5	-0.1024	-0.5	-0.3	0.4	0.3
GSSP	38.95	279.17	5.78	2.5± 0.5	-15.0± 0.9	-0.2339	0.2	-0.3	0.3	0.1
GTAC	34.71	273.35	3.75	0.0± 0.6	-13.4± 0.6	-0.0593	-0.3	0.2	0.2	0.2
GTS1	40.25	283.17	5.42	3.7± 0.5	-14.7± 0.6	-0.1699	-0.1	0.2	0.5	0.2
GUST	41.46	279.28	6.79	2.1± 0.4	-15.3± 0.4	-0.0750	-0.2	0.0	0.6	0.5
GVLV	34.83	277.63	7.20	1.8± 0.5	-13.9± 0.8	-0.3427	-0.0	-0.3	0.3	0.1
HAC1	34.28	272.14	4.45	1.2± 0.8	-14.1± 0.8	0.1599	1.3	-0.7	0.1	0.1
HAG1	39.55	282.29	4.08	3.2± 0.5	-15.7± 0.6	0.0352	-0.2	-0.9	0.4	0.2
HAMM	30.51	269.53	6.69	-1.3± 0.5	-12.7± 0.5	-0.0396	-0.3	-0.4	0.3	0.4
HAMP	42.32	287.36	6.11	3.6± 0.5	-13.7± 0.7	-0.0324	-1.6	1.5	0.7	0.2
HAST	42.61	274.73	3.50	0.1± 0.6	-15.6± 0.7	-0.2055	-0.6	0.0	0.2	0.2
HAYW	35.53	277.07	5.98	2.3± 0.6	-12.7± 0.6	-0.0286	0.7	1.1	0.2	0.2
HBRK	38.30	262.71	13.44	-3.0± 0.4	-13.7± 0.4	0.1700	0.6	0.5	0.6	0.4
HCES	36.33	270.83	8.12	-0.8± 0.7	-14.6± 1.0	-0.2508	-0.2	-0.6	0.1	0.1

Site ID	Lat.	Long.	Time (yrs)	$V_n$	$V_e$	Corr. coeff.	Misfit		Importance	
	$^{\circ}$ N	$^{\circ}$ E		$\text{mm yr}^{-1}$	$\text{mm yr}^{-1}$		$V_n$	$V_e$	$V_n$	$V_e$
HILB	36.05	280.90	6.48	$3.4 \pm 0.5$	$-13.9 \pm 0.6$	0.0050	0.4	-0.0	0.3	0.2
HIPT	35.97	279.99	8.63	$3.1 \pm 0.4$	$-13.9 \pm 0.5$	-0.1994	0.4	-0.0	0.6	0.3
HKLO	35.68	264.14	13.42	$-2.8 \pm 0.4$	$-13.4 \pm 0.5$	0.0958	0.2	0.2	0.6	0.4
HNPT	38.59	283.87	12.70	$3.7 \pm 0.7$	$-14.7 \pm 0.5$	-0.1802	-0.3	-0.2	0.5	0.1
HOUM	29.59	269.28	4.86	$-2.5 \pm 0.7$	$-12.6 \pm 0.6$	-0.0081	-1.4	-0.5	0.2	0.3
HRN1	40.88	281.82	3.69	$2.1 \pm 0.9$	$-14.1 \pm 1.8$	-0.4920	-1.2	1.0	0.2	0.0
HRUF	42.28	276.66	5.32	$0.9 \pm 0.5$	$-15.9 \pm 0.5$	-0.1401	-0.5	-0.4	0.4	0.3
HTCC	39.63	282.33	6.91	$3.3 \pm 0.5$	$-15.3 \pm 0.6$	-0.1545	-0.2	-0.5	0.4	0.2
HTV1	36.36	273.91	4.22	$0.4 \pm 0.6$	$-13.8 \pm 0.7$	-0.0637	-0.1	0.2	0.2	0.1
HVLK	37.65	260.89	12.33	$-4.9 \pm 0.8$	$-14.1 \pm 0.9$	-0.1540	-0.7	-0.1	0.2	0.1
ILSA	39.78	270.39	3.45	$-1.7 \pm 0.8$	$-14.0 \pm 0.9$	-0.1326	-0.9	0.9	0.1	0.1
IUCO	39.17	273.49	8.40	$1.3 \pm 0.4$	$-14.3 \pm 0.5$	-0.1026	1.0	0.5	0.4	0.3
JTNT	33.02	259.02	11.36	$-4.6 \pm 0.3$	$-13.3 \pm 0.5$	-0.1670	0.2	-0.6	0.9	0.4
JXVL	30.48	278.30	6.37	$2.7 \pm 0.5$	$-11.4 \pm 0.6$	-0.0319	0.6	1.0	0.3	0.3
KAN1	39.13	264.60	8.83	$-3.4 \pm 0.7$	$-14.3 \pm 0.6$	0.0322	-0.5	0.2	0.2	0.2
KELY	66.99	309.06	13.07	$11.4 \pm 0.4$	$-17.8 \pm 0.4$	0.0200	-0.5	-1.1	3.2	1.5
KJUN	30.22	267.95	6.48	$-4.4 \pm 0.7$	$-11.9 \pm 1.6$	-0.2713	-2.8	0.3	0.1	0.0
KNS1	33.48	280.66	4.34	$1.7 \pm 0.7$	$-12.2 \pm 0.9$	-0.0178	-1.2	1.0	0.2	0.1
KNTN	40.63	276.39	5.75	$1.0 \pm 0.4$	$-15.4 \pm 0.5$	0.0195	-0.3	-0.3	0.4	0.3
KWST	24.55	278.25	5.81	$3.0 \pm 0.5$	$-11.0 \pm 0.7$	-0.0216	0.8	-0.4	0.3	0.4
KYCB	36.97	277.00	3.09	$1.0 \pm 0.6$	$-14.3 \pm 0.8$	-0.0364	-0.6	-0.1	0.2	0.1
KYCP	37.34	274.65	3.13	$0.2 \pm 0.7$	$-14.4 \pm 0.7$	-0.1305	-0.5	-0.1	0.1	0.1
KYMH	38.18	276.56	3.15	$1.3 \pm 0.7$	$-15.4 \pm 0.8$	0.0486	-0.1	-0.9	0.2	0.1
KYSC	37.06	275.38	3.15	$0.7 \pm 0.7$	$-14.5 \pm 0.8$	-0.0907	-0.3	-0.3	0.2	0.1
KYW1	24.58	278.35	10.33	$3.2 \pm 0.4$	$-10.0 \pm 0.5$	-0.1827	1.0	0.6	0.5	0.7
LAMT	41.00	286.09	7.12	$4.3 \pm 0.4$	$-15.3 \pm 0.5$	-0.2047	-0.5	-0.3	1.0	0.3
LANS	42.67	275.34	6.47	$0.3 \pm 0.4$	$-15.3 \pm 0.4$	-0.0703	-0.6	0.3	0.4	0.5
LARD	27.51	260.55	6.67	$-4.5 \pm 0.4$	$-11.5 \pm 0.6$	-0.0172	-0.3	-0.3	0.5	0.4
LCDT	42.30	272.04	7.00	$-0.3 \pm 0.4$	$-15.3 \pm 0.4$	0.0239	-0.0	0.2	0.3	0.5
LDBT	30.09	263.22	5.46	$-1.4 \pm 0.8$	$-13.7 \pm 0.6$	-0.1897	1.9	-1.7	0.2	0.2
LEBA	39.43	275.72	6.80	$1.3 \pm 0.4$	$-15.2 \pm 0.5$	-0.1477	0.2	-0.4	0.5	0.4
LESV	31.14	266.73	5.36	$-2.1 \pm 0.5$	$-12.6 \pm 0.5$	-0.1421	-0.1	-0.1	0.3	0.4
LMCN	29.26	269.34	5.44	$-1.9 \pm 0.6$	$-9.4 \pm 1.0$	0.3374	-0.8	2.6	0.2	0.1
LMNO	36.69	262.52	12.67	$-3.3 \pm 0.4$	$-13.2 \pm 0.4$	-0.2644	0.3	0.6	0.6	0.4
LOU1	38.01	274.70	9.27	$2.7 \pm 0.5$	$-14.1 \pm 0.8$	-0.0537	2.0	0.4	0.3	0.1
LSBN	40.77	279.19	5.75	$2.1 \pm 0.4$	$-15.5 \pm 0.5$	-0.0646	-0.2	-0.4	0.4	0.4
LSUA	31.18	267.59	4.89	$-1.8 \pm 0.7$	$-12.3 \pm 0.6$	-0.0602	-0.1	0.2	0.2	0.2
LTHM	39.58	265.83	9.46	$-2.4 \pm 0.5$	$-14.5 \pm 0.5$	0.0040	0.1	0.2	0.3	0.4
LUBB	33.54	258.16	12.69	$-5.4 \pm 0.3$	$-13.5 \pm 0.5$	0.0623	-0.3	-0.7	1.0	0.4
LWX1	38.97	282.51	3.36	$3.7 \pm 0.7$	$-15.0 \pm 0.8$	-0.0264	0.2	-0.4	0.3	0.1
LYCO	41.24	283.00	4.92	$3.9 \pm 0.5$	$-13.8 \pm 0.6$	-0.0808	0.2	1.4	0.4	0.2
MACC	37.85	269.52	8.97	$-0.7 \pm 0.4$	$-14.2 \pm 0.4$	-0.1089	0.4	0.1	0.5	0.4
MAIR	36.85	270.64	8.60	$-0.3 \pm 0.4$	$-13.9 \pm 0.4$	-0.0083	0.4	0.2	0.4	0.5
MARI	35.65	278.05	6.00	$1.9 \pm 0.5$	$-13.5 \pm 0.8$	-0.2067	-0.1	0.3	0.4	0.1
MBWW	41.90	253.81	9.66	$-6.7 \pm 0.4$	$-14.5 \pm 0.4$	-0.0690	-0.0	-0.0	1.0	0.4
MCD1	27.85	277.47	5.81	$1.3 \pm 0.5$	$-10.3 \pm 0.6$	-0.0478	-0.6	1.3	0.3	0.4
MCN1	32.70	276.44	7.61	$1.7 \pm 0.4$	$-13.0 \pm 0.5$	-0.0129	0.3	0.0	0.4	0.4
MCNE	30.18	266.78	5.46	$-3.3 \pm 1.1$	$-11.1 \pm 1.0$	0.1539	-1.3	1.1	0.1	0.1
MCON	39.66	278.17	6.79	$2.1 \pm 0.4$	$-15.0 \pm 0.5$	-0.0355	0.1	-0.1	0.5	0.4
MCTY	36.12	270.30	8.41	$-0.5 \pm 0.4$	$-13.7 \pm 0.5$	-0.1067	0.3	0.2	0.3	0.3
MDO1	30.68	255.99	15.32	$-5.5 \pm 0.3$	$-12.2 \pm 0.3$	-0.0467	0.3	-0.3	1.6	1.0
MDR3	46.91	256.73	5.00	$-6.2 \pm 0.6$	$-15.8 \pm 0.6$	-0.1421	-0.5	0.0	0.5	0.3
MEM2	35.47	269.79	10.37	$-0.4 \pm 0.8$	$-15.1 \pm 0.5$	-0.1185	0.6	-1.4	0.3	0.1
METR	42.68	276.76	7.11	$1.1 \pm 0.4$	$-15.3 \pm 0.5$	-0.0812	-0.3	0.3	0.5	0.4
MIA3	25.73	279.84	10.33	$3.4 \pm 0.4$	$-9.9 \pm 0.5$	-0.0033	0.7	1.0	0.5	0.6
MIDS	43.05	276.48	3.12	$0.3 \pm 0.6$	$-16.9 \pm 0.7$	-0.1763	-1.0	-1.2	0.2	0.2
MIDT	42.44	276.99	3.12	$0.7 \pm 0.6$	$-15.6 \pm 0.7$	-0.1514	-0.8	-0.0	0.2	0.2
MIL1	43.00	272.11	9.43	$0.8 \pm 0.4$	$-15.7 \pm 0.5$	0.0469	1.1	-0.0	0.3	0.3
MIPP	42.22	274.12	3.12	$0.3 \pm 0.6$	$-16.5 \pm 0.7$	-0.1099	-0.2	-1.0	0.2	0.2
MLF1	32.09	272.61	10.00	$1.2 \pm 0.4$	$-13.0 \pm 0.5$	0.0381	1.1	-0.2	0.4	0.4
MNLS	44.44	266.09	4.49	$-2.3 \pm 2.7$	$-16.8 \pm 1.6$	0.3990	0.1	-0.9	0.0	0.0
MOB1	30.23	271.98	11.31	$-0.2 \pm 0.5$	$-13.7 \pm 0.4$	-0.1852	-0.1	-1.4	0.4	0.5
MOR1	40.79	287.25	9.02	$5.4 \pm 0.4$	$-14.4 \pm 0.5$	0.1410	0.2	0.5	0.9	0.3
MPLE	43.62	275.24	6.72	$1.2 \pm 0.4$	$-14.9 \pm 0.5$	0.0255	0.3	0.9	0.4	0.4
MRRN	42.90	258.30	9.67	$-4.5 \pm 0.4$	$-15.0 \pm 0.5$	-0.1407	0.7	0.1	0.7	0.4
MSKY	43.24	273.95	3.78	$-0.6 \pm 0.5$	$-15.4 \pm 0.6$	-0.1247	-1.0	0.4	0.2	0.2

Site ID	Lat.	Long.	Time (yrs)	$V_n$	$V_e$	Corr. coeff.	Misfit		Importance	
	°N	°E		$\text{mm yr}^{-1}$	$\text{mm yr}^{-1}$		$V_n$	$V_e$	$V_n$	$V_e$
MSSC	30.38	270.39	3.42	-1.4± 0.7	-13.5± 0.8	-0.0545	-0.7	-1.2	0.1	0.2
MTEI	45.75	251.40	3.70	-9.9± 0.6	-15.0± 0.8	-0.1943	-2.4	0.1	0.5	0.2
MTHN	24.73	278.95	3.30	2.2± 0.6	-9.5± 0.8	-0.0649	-0.2	1.1	0.2	0.3
MTMS	48.54	250.31	3.83	-9.7± 0.7	-15.7± 0.9	-0.1884	-1.8	-0.2	0.5	0.1
MTNT	25.87	279.09	5.28	3.1± 0.6	-10.2± 1.3	-0.0152	0.6	0.8	0.3	0.1
MTVR	40.38	277.49	5.75	2.2± 0.5	-15.4± 1.2	-0.0278	0.5	-0.3	0.3	0.1
NAPL	26.15	278.22	5.28	2.4± 0.6	-11.8± 1.1	0.1125	0.2	-0.7	0.2	0.1
NBR2	35.18	282.95	6.24	3.4± 0.5	-13.6± 0.6	0.0921	-0.3	0.0	0.4	0.2
NC77	35.12	279.08	5.40	2.1± 0.5	-13.5± 0.5	-0.1060	-0.3	0.2	0.4	0.3
NCAL	35.34	279.79	4.40	3.0± 0.6	-13.0± 0.8	-0.0083	0.4	0.7	0.3	0.1
NCBU	36.09	280.56	4.90	3.2± 0.5	-13.3± 0.5	-0.0958	0.3	0.6	0.4	0.3
NCCA	35.34	280.62	4.37	2.9± 0.7	-12.9± 0.8	-0.2309	-0.0	0.8	0.2	0.1
NCCO	35.38	279.44	5.19	2.4± 0.5	-12.9± 0.5	-0.0327	-0.1	0.8	0.3	0.3
NCG1	36.07	280.26	3.03	1.7± 0.9	-11.1± 1.0	-0.0804	-1.1	2.8	0.1	0.1
NCJA	36.41	282.56	3.11	3.0± 0.6	-12.2± 0.7	-0.1812	-0.6	1.8	0.3	0.1
NCLE	35.81	279.77	4.40	3.1± 0.5	-12.3± 0.7	-0.1317	0.5	1.5	0.3	0.2
NCLI	35.42	281.19	4.40	2.8± 0.6	-13.6± 0.6	-0.1815	-0.3	0.1	0.3	0.2
NCMA	35.81	277.31	4.06	1.4± 0.6	-14.0± 0.8	-0.1394	-0.3	-0.1	0.3	0.1
NCMG	35.71	278.34	3.02	1.9± 0.7	-14.3± 0.8	-0.0591	-0.2	-0.5	0.1	0.1
NCMR	34.98	279.48	5.40	2.8± 0.5	-12.9± 0.7	-0.0514	0.3	0.7	0.3	0.2
NCPI	35.68	284.52	4.54	3.6± 0.5	-13.8± 0.8	0.0316	-0.7	-0.1	0.5	0.1
NCPO	34.99	279.82	4.06	2.8± 0.7	-12.9± 0.9	-0.0253	0.2	0.7	0.2	0.1
NCRD	35.76	281.42	3.27	4.8± 0.8	-13.2± 0.7	-0.0103	1.6	0.6	0.2	0.1
NCSH	35.28	278.51	3.69	2.3± 0.7	-14.7± 1.6	-0.0333	0.1	-1.0	0.2	0.0
NCSW	35.60	277.58	4.50	0.9± 0.7	-12.8± 0.7	-0.2137	-0.9	1.0	0.2	0.1
NCSY	35.35	276.79	3.38	0.8± 0.6	-13.0± 0.7	-0.0407	-0.7	0.8	0.2	0.2
NCWI	35.83	282.97	5.05	4.3± 0.5	-12.8± 0.6	-0.0880	0.6	1.0	0.5	0.3
NCWS	36.07	279.77	3.23	2.4± 0.6	-13.7± 1.0	-0.1632	-0.2	0.2	0.2	0.1
NDBC	30.36	270.39	12.10	-0.6± 0.3	-12.9± 0.4	-0.0360	0.1	-0.6	0.6	0.8
NDS1	37.30	264.40	7.65	-2.0± 0.5	-14.5± 0.5	0.1165	0.9	-0.5	0.3	0.3
NDSK	37.38	264.36	4.00	-2.8± 0.7	-14.0± 0.7	0.0399	0.2	0.1	0.2	0.1
NEB3	46.32	275.85	3.74	3.1± 1.5	-15.6± 1.2	-0.2638	2.1	0.9	0.1	0.0
NEDR	40.77	263.30	4.92	-3.5± 0.5	-14.4± 0.6	-0.0596	-0.1	0.5	0.3	0.2
NEGI	40.92	261.67	4.58	-4.3± 0.6	-14.4± 0.6	-0.0006	-0.3	0.4	0.2	0.2
NJDY	40.38	285.53	3.41	4.8± 1.1	-15.4± 0.9	0.2233	0.2	-0.5	0.2	0.1
NJGC	39.78	284.88	4.98	4.3± 0.5	-14.7± 0.6	-0.0721	-0.1	0.0	0.6	0.2
NJIT	40.74	285.82	9.95	4.1± 0.4	-14.9± 0.5	-0.1280	-0.6	0.0	1.1	0.3
NJMT	40.80	285.52	3.41	4.4± 0.6	-15.0± 0.9	-0.0915	-0.2	-0.0	0.4	0.1
NJTR	40.26	285.20	4.18	4.2± 0.6	-14.5± 0.6	0.0452	-0.3	0.3	0.4	0.2
NJTW	39.94	285.05	5.22	3.5± 0.5	-13.6± 0.9	-0.2576	-0.9	1.2	0.5	0.1
NLGN	42.21	262.20	9.11	-3.7± 0.5	-15.9± 0.5	0.0809	0.1	-0.8	0.3	0.3
NLIB	41.77	268.43	15.58	-1.5± 0.3	-15.5± 0.5	-0.0082	0.1	-0.2	0.6	0.4
NMRO	33.39	255.41	4.21	-6.2± 0.6	-13.0± 0.7	-0.1469	-0.2	-0.5	0.5	0.2
NMSF	35.67	254.04	5.69	-6.6± 0.5	-13.6± 0.6	-0.1188	-0.1	-0.6	0.7	0.3
NOMT	45.60	248.37	8.41	-9.4± 0.4	-14.3± 0.6	-0.0095	-0.9	0.4	1.3	0.3
NPRI	41.51	288.67	8.15	5.6± 0.4	-15.2± 0.4	-0.0132	-0.1	-0.2	1.3	0.4
NWCC	36.42	270.54	8.22	-0.2± 0.4	-13.6± 0.5	-0.0456	0.5	0.4	0.4	0.3
NYMC	43.11	282.39	4.75	2.5± 0.5	-15.3± 0.8	-0.0070	-0.9	0.3	0.4	0.2
NYNP	41.74	285.92	4.18	2.4± 0.6	-14.1± 0.7	-0.1499	-2.3	1.1	0.4	0.2
OAKH	30.82	267.34	4.48	-2.3± 0.5	-12.0± 0.6	-0.0765	-0.5	0.4	0.2	0.3
ODS5	31.87	257.68	12.69	-6.1± 0.3	-12.2± 0.5	0.0539	-0.9	0.1	1.2	0.4
OKAD	34.80	263.26	6.08	-4.2± 0.5	-12.8± 0.6	-0.1552	-0.9	0.5	0.4	0.3
OKAL	34.63	260.67	3.72	-2.9± 1.3	-14.0± 0.8	-0.0004	1.3	-0.8	0.1	0.1
OKAN	34.20	264.38	6.12	-2.9± 0.4	-13.1± 0.5	-0.0640	0.0	0.1	0.4	0.4
OKAO	35.08	261.75	3.76	-3.4± 0.6	-13.7± 0.8	-0.0325	0.5	-0.3	0.2	0.1
OKAR	34.17	262.83	3.76	-3.5± 0.7	-13.5± 1.1	-0.2442	-0.0	-0.3	0.2	0.1
OKBF	36.83	260.36	3.74	-3.5± 1.0	-15.6± 0.7	0.0379	0.9	-1.9	0.2	0.1
OKCB	27.27	279.14	5.82	2.4± 0.5	-11.5± 0.6	-0.0731	-0.1	-0.1	0.3	0.5
OKCL	35.48	261.03	5.79	-3.6± 0.6	-13.6± 0.8	-0.0092	0.5	-0.2	0.3	0.1
OKDN	34.48	262.03	3.72	-3.4± 0.6	-13.7± 0.8	-0.1134	0.3	-0.5	0.2	0.1
OKDT	35.49	262.49	6.34	-3.0± 0.7	-13.7± 0.5	0.0892	0.6	-0.2	0.3	0.2
OKGM	36.67	258.52	3.74	-6.7± 1.0	-13.7± 0.8	-0.2919	-1.7	-0.1	0.2	0.1
OKHV	34.91	265.38	5.15	-2.3± 0.6	-14.1± 0.6	-0.0624	0.3	-0.6	0.2	0.2
OKLW	34.57	261.59	6.08	-4.3± 0.5	-12.8± 0.5	0.0131	-0.4	0.4	0.4	0.3
OKMA	34.93	264.26	6.12	-2.6± 0.5	-11.8± 0.6	-0.2118	0.4	1.6	0.3	0.2
OKMU	35.72	264.60	6.12	-2.1± 0.6	-15.1± 1.9	0.0224	0.8	-1.5	0.2	0.0

Site ID	Lat.	Long.	Time (yrs)	$V_n$	$V_e$	Corr. coeff.	Misfit		Importance	
	$^{\circ}$ N	$^{\circ}$ E		$\text{mm yr}^{-1}$	$\text{mm yr}^{-1}$		$V_n$	$V_e$	$V_n$	$V_e$
OKOM	34.09	271.14	8.81	-0.4± 0.5	-13.7± 0.5	-0.1705	0.1	-0.3	0.3	0.3
OKPR	36.28	262.68	3.74	-3.8± 0.6	-13.3± 0.8	-0.0902	-0.3	0.4	0.2	0.1
OKTE	35.26	263.10	6.12	-3.8± 0.5	-13.9± 0.7	-0.2200	-0.4	-0.4	0.3	0.2
OKTU	36.21	264.15	6.12	-3.1± 0.5	-14.0± 0.8	-0.0773	-0.1	-0.2	0.4	0.1
OMH1	41.78	264.09	8.60	-2.2± 0.6	-14.9± 0.9	-0.0066	0.9	0.2	0.2	0.1
ORMD	29.30	278.89	5.46	2.2± 0.5	-12.5± 0.8	-0.0240	-0.2	-0.5	0.3	0.2
P011	36.15	250.48	3.42	-8.5± 0.6	-13.5± 0.7	-0.2056	-0.8	-0.6	0.7	0.2
P015	34.26	249.99	3.51	-8.1± 0.6	-13.2± 0.6	-0.1435	-0.3	-0.8	0.7	0.2
P026	32.66	252.81	4.34	-6.9± 0.8	-12.0± 0.7	-0.2478	-0.0	0.2	0.5	0.2
P028	36.03	252.09	3.49	-7.2± 0.7	-13.9± 0.7	-0.2680	-0.0	-0.9	0.5	0.1
P034	34.95	253.54	4.36	-6.4± 0.5	-13.1± 0.6	-0.1709	0.3	-0.3	0.7	0.2
P035	34.60	254.82	3.58	-6.2± 0.6	-13.0± 0.8	-0.2191	0.0	-0.2	0.5	0.1
P036	36.42	254.71	4.34	-6.0± 0.6	-13.9± 0.7	-0.2100	0.3	-0.6	0.5	0.1
P037	38.42	254.90	4.33	-6.5± 0.5	-14.0± 0.6	-0.1546	-0.2	-0.2	0.6	0.2
P038	34.15	256.59	3.55	-5.8± 0.6	-13.1± 0.8	-0.1164	-0.2	-0.3	0.4	0.2
P039	36.45	256.85	3.58	-5.5± 0.6	-13.2± 0.8	-0.1190	0.1	0.2	0.4	0.1
P040	38.07	257.31	3.88	-5.1± 0.6	-14.2± 0.7	-0.1718	0.3	-0.3	0.4	0.2
P041	39.95	254.81	4.61	-6.7± 0.5	-14.4± 0.6	-0.1572	-0.4	-0.3	0.7	0.2
P042	42.05	255.09	3.89	-6.7± 0.5	-14.7± 0.7	-0.1883	-0.5	-0.1	0.5	0.2
P044	40.17	256.78	3.89	-6.0± 0.6	-14.1± 0.7	-0.1298	-0.4	0.2	0.4	0.2
PAPT	40.44	280.04	5.10	2.4± 0.5	-15.1± 0.6	-0.0768	-0.2	-0.1	0.4	0.3
PARL	40.20	284.94	5.40	4.1± 0.5	-14.5± 0.5	-0.1002	-0.3	0.3	0.6	0.3
PASO	31.77	253.59	4.86	-6.7± 0.6	-12.1± 0.8	0.0977	-0.1	-0.1	0.4	0.2
PATT	31.78	264.28	11.36	-2.8± 0.4	-12.7± 0.5	-0.0746	0.1	-0.1	0.5	0.4
PBOC	70.26	211.67	6.63	-19.5± 0.7	-10.8± 0.7	-0.0650	-1.5	-1.4	1.9	0.2
PCLA	30.47	272.81	4.64	0.0± 0.6	-12.4± 0.6	-0.0646	-0.1	-0.0	0.2	0.3
PIE1	34.30	251.88	15.75	-7.6± 0.3	-12.4± 0.3	0.0562	-0.4	0.1	1.8	0.8
PIGT	36.37	269.82	8.60	-0.8± 1.4	-14.3± 1.0	0.4429	0.2	-0.3	0.1	0.0
PIT1	40.55	280.30	10.18	3.0± 0.5	-15.0± 0.4	-0.1479	0.3	0.1	0.6	0.3
PKTN	39.05	276.98	6.62	1.5± 0.4	-14.5± 0.4	-0.0428	-0.1	0.2	0.4	0.4
PLS1	47.66	245.89	7.21	-9.7± 0.5	-14.3± 0.5	-0.1190	-0.4	0.5	1.4	0.4
PLTC	40.18	255.27	13.69	-6.2± 0.3	-14.3± 0.3	-0.1113	-0.1	-0.1	1.4	0.6
PLTK	29.66	278.31	6.37	2.0± 0.4	-11.8± 0.7	0.0192	-0.1	0.3	0.4	0.2
PNCY	30.20	274.32	6.37	0.4± 0.5	-12.2± 0.6	-0.0134	-0.3	0.1	0.3	0.4
PNR1	46.86	265.28	4.96	-2.5± 0.8	-16.7± 0.8	-0.1150	0.3	-0.3	0.1	0.2
PRCO	34.98	262.48	12.17	-4.0± 0.4	-12.6± 0.5	-0.1434	-0.4	0.8	0.7	0.4
PRRY	30.08	276.43	5.82	1.8± 0.5	-11.1± 0.8	0.0518	0.3	1.2	0.3	0.2
PSCC	35.95	275.83	5.39	1.3± 0.5	-13.9± 0.5	0.0240	0.1	0.0	0.3	0.3
PSU1	40.81	282.15	10.96	3.9± 0.4	-15.3± 0.4	-0.0383	0.5	-0.2	0.7	0.4
PTGV	36.41	270.30	9.55	-0.5± 0.4	-14.1± 0.4	-0.0046	0.3	-0.1	0.4	0.4
PUB1	38.29	255.65	5.80	-6.3± 0.5	-14.4± 0.5	-0.0623	-0.3	-0.6	0.6	0.3
RALR	35.79	281.36	7.52	3.5± 0.5	-13.3± 0.7	0.1257	0.3	0.5	0.4	0.2
RED1	39.56	284.43	8.20	4.3± 0.5	-14.5± 0.6	-0.0180	0.1	0.2	0.5	0.2
RIC1	37.54	282.57	10.33	3.8± 0.3	-13.6± 0.4	0.1187	0.2	0.6	1.0	0.5
RIS1	42.01	269.77	9.75	1.0± 0.8	-16.1± 0.6	-0.0885	2.1	-0.7	0.2	0.1
RLAP	36.47	270.65	10.96	-1.8± 1.0	-14.4± 1.0	0.3907	-1.1	-0.4	0.1	0.1
RMND	25.61	279.62	5.08	2.5± 0.6	-10.5± 0.6	-0.0156	-0.2	0.4	0.3	0.4
RWDN	40.09	259.35	9.46	-4.7± 0.5	-14.7± 0.4	0.1028	0.1	-0.2	0.6	0.3
SAL1	35.37	265.18	9.93	-3.6± 0.5	-14.3± 0.6	-0.1876	-1.0	-0.7	0.4	0.2
SAV1	32.14	278.30	8.90	3.1± 0.4	-12.5± 0.5	0.0936	1.0	0.3	0.5	0.3
SC01	34.07	253.03	7.02	-7.5± 0.6	-13.1± 2.5	-0.2620	-0.7	-0.6	0.5	0.0
SCCC	32.78	280.06	3.54	3.9± 0.8	-13.3± 1.0	-0.1309	1.2	-0.3	0.2	0.1
SCGP	34.94	277.77	3.54	2.6± 0.6	-13.2± 0.7	-0.0948	0.7	0.4	0.2	0.2
SCYC	34.99	278.76	3.60	2.3± 0.6	-14.3± 0.6	-0.0442	0.1	-0.7	0.2	0.2
SDSF	43.73	263.38	5.17	-3.5± 0.5	-15.7± 0.6	-0.1703	-0.1	-0.1	0.3	0.3
SG01	36.60	262.52	7.27	-3.1± 0.5	-14.1± 0.8	0.0578	0.5	-0.3	0.3	0.1
SG03	40.00	276.99	6.67	1.1± 0.5	-14.6± 0.9	0.0710	-0.4	0.4	0.3	0.1
SG04	37.13	262.73	7.06	-3.2± 0.5	-13.9± 0.6	0.1833	0.3	0.0	0.3	0.2
SG05	28.07	279.38	6.66	2.8± 0.5	-11.6± 0.6	0.1001	0.2	0.0	0.4	0.4
SG06	40.91	286.88	6.17	4.1± 0.5	-15.3± 0.7	-0.1065	-1.0	-0.4	0.7	0.2
SG07	44.90	291.33	6.80	6.0± 0.5	-15.6± 0.6	0.0247	-0.6	-0.0	0.9	0.2
SG08	36.84	263.57	7.03	-3.1± 0.5	-13.7± 0.4	-0.0350	0.1	0.2	0.4	0.4
SG09	36.43	261.72	6.94	-3.7± 0.5	-13.6± 1.0	0.1072	0.2	0.1	0.3	0.1
SG10	36.88	261.71	6.37	-3.7± 0.5	-13.7± 0.5	-0.0049	0.2	0.1	0.4	0.3
SG11	37.33	260.69	6.58	-4.2± 0.4	-13.7± 0.6	0.0134	0.1	0.2	0.6	0.3
SG12	38.20	260.68	6.46	-4.1± 0.5	-13.7± 0.7	0.0415	0.2	0.4	0.4	0.2

Site ID	Lat. °N	Long. °E	Time (yrs)	$V_n$	$V_e$	Corr. coeff.	Misfit		Importance	
				mm yr <sup>-1</sup>	mm yr <sup>-1</sup>		$V_n$	$V_e$	$V_n$	$V_e$
SG13	38.11	262.48	6.95	-3.2± 0.5	-13.4± 0.5	0.0196	0.4	0.8	0.4	0.3
SG14	37.84	262.98	6.57	-3.3± 0.5	-13.8± 0.5	-0.0225	0.1	0.3	0.4	0.3
SG15	38.20	264.41	6.88	-2.7± 0.5	-14.1± 0.5	0.0523	0.2	0.2	0.4	0.3
SG16	37.38	263.82	6.88	-2.7± 0.4	-14.1± 0.5	0.0432	0.5	-0.1	0.4	0.4
SG18	34.88	261.80	6.97	-3.5± 0.4	-13.3± 0.6	-0.0495	0.3	0.0	0.5	0.2
SG19	35.36	261.02	6.97	-4.1± 0.4	-13.6± 0.5	0.0512	0.0	-0.2	0.5	0.4
SG20	35.56	261.98	7.01	-5.1± 0.5	-13.4± 0.7	-0.0377	-1.3	0.1	0.3	0.2
SG23	40.44	273.05	6.21	0.0± 0.4	-15.0± 1.0	0.0188	-0.1	0.1	0.3	0.1
SG24	40.05	254.41	6.43	-6.3± 1.0	-14.7± 1.2	0.1585	0.1	-0.6	0.2	0.0
SG25	42.97	274.11	5.49	-0.2± 0.6	-14.9± 2.4	0.2010	-0.7	0.8	0.2	0.0
SG27	71.32	203.39	6.41	-22.0± 1.1	-5.7± 0.8	-0.1534	-2.8	1.1	1.7	0.1
SG32	30.60	263.64	5.55	-3.5± 0.5	-11.5± 1.5	0.0522	-0.4	0.7	0.3	0.1
SG34	35.27	263.26	4.89	-3.9± 0.6	-13.7± 0.7	0.0199	-0.6	-0.2	0.2	0.2
SG72	35.24	262.53	5.86	-2.8± 0.6	-14.2± 0.9	0.0445	0.8	-0.8	0.2	0.1
SIBY	42.17	276.76	6.34	1.2± 0.4	-15.1± 0.5	-0.0956	-0.2	0.4	0.4	0.3
SIDN	40.31	275.83	6.80	1.2± 0.4	-15.8± 0.4	-0.0825	0.1	-0.8	0.4	0.4
SIHS	31.84	268.34	5.30	-1.4± 0.5	-13.1± 0.6	-0.0657	0.1	-0.4	0.3	0.3
SLAI	41.90	266.30	9.20	-1.9± 0.4	-13.3± 0.5	-0.0996	0.4	2.0	0.4	0.4
SNFD	35.47	280.84	6.47	3.2± 0.4	-13.8± 0.5	-0.0043	0.2	-0.1	0.5	0.4
SOL1	38.32	283.55	11.52	4.1± 0.3	-14.7± 0.4	-0.0456	0.2	-0.3	1.2	0.6
SOWR	42.23	274.47	7.11	-0.7± 0.5	-15.7± 0.5	-0.0836	-1.3	-0.2	0.3	0.4
SRP1	33.45	247.77	6.91	-8.4± 0.5	-13.7± 0.8	0.0036	0.1	-1.7	1.0	0.2
STB1	44.80	272.69	11.08	0.2± 0.5	-16.2± 0.5	-0.2130	0.3	-0.1	0.3	0.3
STJO	47.60	307.32	15.75	12.3± 0.4	-14.7± 0.5	0.1174	0.5	-0.2	2.8	0.3
STKR	39.33	277.89	8.70	1.8± 0.4	-14.6± 0.4	-0.0721	-0.1	0.2	0.5	0.4
STL3	38.61	270.24	10.95	-0.4± 0.4	-15.6± 0.6	-0.0982	0.5	-1.0	0.4	0.2
STL4	38.61	270.24	8.97	-1.2± 0.5	-12.1± 0.8	-0.0239	-0.3	2.5	0.2	0.1
STLE	36.09	270.14	8.43	-0.3± 0.4	-13.7± 0.4	-0.0148	0.6	0.2	0.4	0.4
STLU	38.59	269.79	4.75	-1.8± 0.6	-14.0± 0.7	-0.0685	-0.8	0.6	0.2	0.2
STP1	44.30	268.10	9.98	-0.4± 0.4	-16.3± 0.5	0.0069	1.3	-0.4	0.3	0.4
SUM1	34.83	257.49	7.16	-5.8± 0.5	-12.9± 0.5	0.1416	-0.5	0.1	0.5	0.3
SUP1	46.75	271.56	3.85	0.3± 0.8	-16.7± 0.7	-0.0026	0.8	-0.2	0.1	0.2
TALH	30.40	275.64	6.37	1.6± 0.5	-12.0± 0.6	-0.0530	0.4	0.3	0.3	0.3
TALL	32.40	268.82	4.35	-1.6± 0.7	-12.6± 0.8	-0.1517	-0.3	0.3	0.1	0.2
TAMP	22.28	262.14	15.43	-3.8± 0.5	-8.3± 0.7	0.2174	-0.2	1.4	0.4	0.4
TCUN	35.09	256.39	10.81	-5.6± 0.4	-13.5± 0.5	-0.0918	0.1	-0.5	0.9	0.4
TIFF	41.08	276.85	6.80	1.3± 0.4	-14.9± 0.4	-0.0469	-0.2	0.3	0.4	0.4
TLDO	41.61	276.52	5.75	1.0± 0.4	-15.5± 0.5	-0.0917	-0.3	-0.1	0.4	0.4
TMGO	40.13	254.77	13.47	-6.3± 0.3	-14.6± 0.4	0.0801	0.0	-0.4	1.5	0.6
TXAB	32.50	260.24	3.66	-4.1± 0.6	-12.0± 0.8	-0.0432	0.2	0.6	0.3	0.2
TXBS	30.11	262.71	3.41	-3.1± 0.7	-11.1± 1.4	0.0922	0.4	0.9	0.2	0.1
TXBU	30.75	261.82	4.39	-3.4± 1.6	-12.5± 1.1	0.0272	0.4	-0.3	0.1	0.0
TXCN	30.35	264.56	3.57	-2.1± 0.9	-12.8± 2.6	-0.1745	0.7	-0.6	0.1	0.0
TXCO	33.17	263.37	4.92	-3.4± 0.5	-13.0± 1.2	-0.0855	-0.1	-0.1	0.3	0.1
TXDA	32.80	263.33	4.92	-3.2± 0.5	-12.6± 0.5	-0.1005	0.1	0.2	0.3	0.3
TXDC	33.24	262.39	3.02	-3.1± 0.8	-12.8± 1.3	-0.2194	0.5	0.1	0.1	0.1
TXDE	33.21	262.84	4.92	-4.1± 0.5	-12.7± 0.6	0.0063	-0.7	0.2	0.3	0.3
TXES	32.37	263.14	4.92	-3.5± 0.7	-12.0± 0.6	-0.1969	-0.2	0.7	0.2	0.2
TXFR	30.25	261.15	3.39	-3.3± 1.2	-11.8± 1.1	0.0396	0.7	0.2	0.1	0.1
TXGR	32.24	262.25	3.02	-6.8± 1.6	-13.8± 2.4	0.0600	-3.2	-1.2	0.0	0.0
TXHE	30.10	263.94	3.57	-2.7± 0.9	-11.9± 0.8	-0.0139	0.3	0.2	0.1	0.2
TXJA	33.19	261.85	3.02	-5.2± 0.9	-14.5± 0.9	-0.0995	-1.4	-1.6	0.1	0.1
TXJC	30.27	261.60	4.39	-2.8± 1.1	-11.2± 0.7	-0.0053	1.1	0.8	0.2	0.1
TXKA	32.57	263.69	4.92	-3.0± 0.5	-12.7± 0.5	-0.0699	0.1	0.1	0.3	0.3
TXKE	32.41	262.68	3.02	-5.3± 1.5	-13.2± 1.6	-0.1522	-1.8	-0.5	0.0	0.0
TXLI	30.06	265.23	3.57	-2.2± 0.7	-13.4± 3.3	0.0602	0.4	-1.3	0.1	0.0
TXLL	30.73	261.32	3.39	-4.4± 1.6	-11.5± 2.3	-0.1939	-0.5	0.6	0.0	0.0
TXMA	32.54	265.71	3.39	-1.8± 0.7	-13.1± 0.7	-0.0080	0.6	-0.3	0.1	0.2
TXMW	32.80	261.86	3.02	-6.6± 1.3	-11.9± 2.8	-0.2296	-2.8	0.8	0.1	0.0
TXNA	32.04	263.46	4.92	-3.0± 0.5	-12.9± 0.6	-0.1069	0.2	-0.3	0.3	0.3
TXPA	33.67	264.44	3.57	-2.9± 0.6	-13.3± 0.9	-0.1748	-0.0	-0.2	0.2	0.1
TXRO	29.52	264.19	3.57	-1.7± 0.6	-10.6± 0.8	-0.0205	1.2	1.3	0.2	0.2
TXSA	31.41	259.53	5.17	-4.2± 0.6	-11.9± 0.6	0.1957	0.4	0.3	0.4	0.3
TXSG	32.86	262.66	3.02	-5.1± 0.9	-11.6± 0.8	-0.1204	-1.6	1.2	0.1	0.1
TXSM	29.88	262.10	4.39	-2.7± 1.1	-11.2± 1.9	-0.1240	1.0	0.7	0.1	0.0
TXST	32.23	261.82	3.02	-2.8± 0.8	-13.6± 2.3	-0.0282	1.0	-1.0	0.1	0.0

Site ID	Lat.	Long.	Time (yrs)	$V_n$	$V_e$	Corr. coeff.	Misfit		Importance	
	°N	°E		$\text{mm yr}^{-1}$	$\text{mm yr}^{-1}$		$V_n$	$V_e$	$V_n$	$V_e$
TXTA	30.56	262.55	3.40	-1.4± 1.1	-12.2± 1.8	-0.1406	2.1	-0.1	0.1	0.0
TXTY	32.25	264.61	4.51	-2.8± 0.6	-12.6± 2.4	0.0006	0.0	0.1	0.2	0.0
TXWE	32.76	262.18	3.02	-2.8± 1.2	-11.9± 1.0	-0.2725	0.9	0.8	0.1	0.1
TXWF	33.85	261.49	5.16	-3.7± 0.5	-12.4± 0.9	-0.1223	0.2	0.6	0.3	0.1
UIUC	40.10	271.78	4.05	0.6± 0.7	-15.2± 0.8	-0.0445	0.9	-0.2	0.1	0.1
UNIV	42.29	275.61	7.11	0.7± 0.4	-15.1± 0.5	-0.0704	-0.3	0.4	0.4	0.4
UOFM	42.30	276.16	3.50	0.7± 0.6	-15.5± 0.7	-0.1520	-0.5	0.0	0.2	0.2
UPTC	41.63	280.34	8.03	2.2± 0.4	-14.6± 0.6	-0.1614	-0.5	0.7	0.5	0.2
USMX	29.82	250.32	4.30	-6.7± 0.5	-11.1± 0.8	0.0094	1.0	0.1	0.7	0.2
UVFM	37.88	281.31	7.13	3.0± 0.5	-14.0± 0.5	-0.1137	-0.1	0.4	0.5	0.3
VABG	36.86	277.24	3.40	2.3± 0.7	-15.6± 0.8	-0.2292	0.6	-1.4	0.2	0.1
VALY	37.38	280.87	4.39	3.0± 0.6	-14.4± 0.6	-0.0126	0.0	-0.2	0.3	0.2
VARI	37.29	282.60	3.24	3.4± 0.7	-13.4± 1.9	-0.2243	-0.2	0.8	0.3	0.0
VAST	38.16	280.95	5.15	2.9± 0.5	-14.7± 0.5	-0.1252	-0.1	-0.3	0.5	0.3
VCIO	36.07	260.78	13.43	-3.1± 0.5	-12.1± 0.5	-0.2548	1.1	1.5	0.5	0.2
VIC1	32.33	269.08	11.74	-2.2± 0.5	-12.3± 0.5	-0.1831	-1.0	0.6	0.3	0.4
VIMS	37.61	284.31	8.43	4.8± 0.4	-14.3± 0.4	-0.0316	0.6	-0.1	0.9	0.4
WARR	42.53	276.98	3.78	0.7± 0.6	-15.9± 0.6	-0.1742	-0.8	-0.3	0.3	0.2
WASH	38.92	282.93	4.75	3.5± 0.6	-14.8± 0.6	0.0250	-0.2	-0.2	0.3	0.2
WASR	35.56	282.94	7.53	4.3± 0.6	-13.5± 0.6	-0.0288	0.6	0.2	0.4	0.2
WDLM	44.67	264.55	8.91	-3.6± 0.5	-16.3± 0.5	-0.1351	-0.6	-0.5	0.3	0.4
WES2	42.61	288.51	15.63	5.0± 0.4	-15.5± 0.4	-0.2586	-0.6	-0.2	1.3	0.3
WHN1	42.74	256.67	9.01	-5.1± 0.4	-15.1± 0.4	-0.0368	0.6	-0.2	0.7	0.4
WIL1	41.31	283.98	11.62	3.8± 0.4	-15.3± 0.4	0.0035	-0.2	-0.2	1.0	0.6
WIS1	46.71	267.98	10.38	-2.0± 0.4	-16.8± 0.5	-0.0124	-0.2	-0.4	0.4	0.6
WLCI	40.81	272.95	9.87	-0.4± 0.4	-15.1± 0.7	-0.1859	-0.5	0.1	0.4	0.2
WLPS	37.94	284.53	3.15	3.3± 0.7	-14.8± 0.7	0.0121	-1.0	-0.5	0.3	0.1
WMEL	34.52	272.92	3.60	0.5± 1.1	-12.9± 1.4	0.1025	0.4	0.6	0.0	0.0
WNCI	39.66	269.52	7.12	0.0± 0.6	-16.4± 0.7	-0.1340	1.1	-1.6	0.2	0.2
WNFL	31.90	267.22	11.35	-1.5± 0.6	-12.7± 0.5	0.0375	0.4	-0.0	0.3	0.3
WOOS	40.80	278.04	6.80	1.6± 0.4	-15.0± 0.4	-0.0898	-0.3	0.1	0.5	0.4
WRUN	42.23	276.46	3.78	0.9± 0.6	-15.4± 0.6	-0.1572	-0.4	0.1	0.3	0.2
WSMN	32.41	253.65	13.43	-6.4± 0.4	-12.2± 0.4	0.0071	0.2	-0.0	1.1	0.6
WYLC	41.10	255.22	4.25	-7.0± 0.6	-14.8± 0.6	-0.0288	-0.8	-0.4	0.4	0.2
XCTY	29.63	276.89	4.64	1.4± 0.5	-10.8± 0.6	0.0187	-0.2	1.3	0.3	0.4
YESX	28.38	251.08	4.30	-6.7± 0.5	-10.8± 0.7	0.0451	0.7	0.1	0.7	0.3
YORK	39.99	283.26	5.46	4.0± 0.5	-14.2± 0.6	-0.0756	0.2	0.6	0.5	0.2
ZAB1	35.17	253.43	6.20	-6.6± 0.5	-13.3± 0.5	0.0067	0.1	-0.4	0.8	0.4
ZAU1	41.78	271.67	4.93	-0.8± 0.6	-14.9± 0.6	-0.0325	-0.4	0.5	0.2	0.2
ZDC1	39.10	282.46	5.32	3.2± 0.5	-14.6± 0.6	-0.1125	-0.3	0.1	0.5	0.2
ZEFR	28.23	277.84	5.08	1.9± 0.5	-11.8± 0.7	-0.0695	-0.1	-0.1	0.3	0.3
ZFW1	32.83	262.93	4.74	-3.9± 0.6	-14.2± 0.7	0.0963	-0.5	-1.4	0.2	0.2
ZKC1	38.88	265.21	5.32	-2.0± 0.5	-14.5± 0.8	0.0813	0.7	-0.0	0.3	0.1
ZME1	35.07	270.04	4.92	-1.3± 0.6	-13.6± 0.8	-0.0431	-0.4	0.0	0.2	0.1
ZMP1	44.64	266.85	5.80	-1.9± 0.5	-15.4± 0.5	-0.1085	0.3	0.5	0.3	0.4
ZNY1	40.78	286.90	4.89	4.6± 0.5	-14.6± 0.6	-0.1243	-0.5	0.3	0.7	0.2
ZOB1	41.30	277.79	4.89	1.7± 0.5	-14.5± 0.6	-0.0336	-0.1	0.8	0.3	0.2
ZTL4	33.38	275.70	4.89	0.0± 0.5	-12.8± 0.6	0.0370	-1.2	0.4	0.3	0.2

See footnotes to the previous table for information about each column. The Australia, North America, and Pacific plate GPS station velocities given in this table were used to determine the plate-based frames of reference (Table 4) relative to which the velocities of the GPS stations on the Caribbean, Philippine Sea, Sundaland, and Yangtze plates are expressed (see previous table). The uncertainties in the reference plate best-fitting angular velocities are propagated rigorously into all of the station velocity uncertainties. ITRF2000 and ITRF2005 specify the geodetic reference frames relative to which the station velocities are specified.

## REFERENCES

- Anderson-Fontana, S., Engeln, J. F., Lundgren, P., Larson, R. L., & Stein, S., 1987. Tectonics of the Nazca-Antarctica plate boundary, *Earth Planet. Sci. Lett.*, **86**, 46–56.
- Briais, A., 1995. Structural analysis of the segmentation of the Central Indian ridge between 20° 30'S and 25° 30's (Rodriguez triple junction), *Mar. Geophys. Res.*, **17**, 431–467.

- Cande, S. C., Raymond, C. A., Stock, J., & Haxby, W. F., 1995. Geophysics of the Pitman fracture zone and Pacific-Antarctic plate motions during the Cenozoic, *Science*, **270**, 947–953.
- Carbotte, S. M., Arko, R., Chayes, D. N., Haxby, W., Lehnert, K., O'Hara, S., Ryan, W. B. F., Weissel, R. A., Shipley, T., Gahagan, L., Johnson, K., & Shank, T., 2004. New integrated data management system for Ridge2000 and MARGINS research, *Eos*, **85**, 553 & 559.
- Chaubey, A. K., Bhattacharya, G. C., Murty, G. P. S., & Desa, M., 1993. Spreading history of the Arabian Sea: Some new constraints, *Marine Geology*, **112**, 343–352.
- Cherkis, N. Z., Fleming, H. S., & Brozena, J. M., 1989. Bathymetry of the South Atlantic Ocean: 3°S to 40°S, Map and Chart Series MCH-069, Geological Society of America, Boulder.
- Chu, D. & Gordon, R. G., 1998. Current plate motions across the Red Sea, *Geophys. J. Int.*, **135**, 313–328.
- Cochran, J. R., Sempere, J.-C., & SEIR Scientific Team, 1997. The Southeast Indian Ridge between 88°E and 118°E: Gravity anomalies and crustal accretion at intermediate spreading rates, *J. Geophys. Res.*, **102**, 15463–15487.
- Conder, J. A., Scheirer, D. S., & Forsyth, D. W., 2000. Seafloor spreading on the Amsterdam-St. Paul hotspot plateau, *J. Geophys. Res.*, **105**, 8263–8277.
- Crane, K., & Solheim, A. (editors), 1995. Seafloor atlas of the northern Norwegian-Greenland *Norsk Polarinstiutt Meddelelser*, **137**, 172 pp.
- Dauteil, O., Huchon, P., Quemeneur, F., & Souriot, T., 2001. Propagation of an oblique spreading center: the western Gulf of Aden, *Tectonophysics*, **332**, 423–442.
- DeMets, C., Gordon, R. G., Argus, D. F., & Stein, S., 1990. Current plate motions, *Geophys. J. Int.* **101**, 425–478.
- DeMets, C., Gordon, R. G., & Vogt, P., 1994. Location of the Africa-Australia-India triple junction and motion between the Australian and Indian plates: Results from an aeromagnetic investigation of the Central Indian and Carlsberg ridges, *Geophys. J. Int.*, **119**, 893–930.
- Dick, H. J. B., Schouten, H., Meyer, P. S., Gallo, D. G., Bergh, H., Tyce, R., Patriat, P., Johnson, K. T. M., Snow, J., & Fisher, A., 1991. Tectonic evolution of the Atlantis II Fracture Zone, ed. Von Herzen, R. P., Robinson, P. T., et al., Proceedings of the Ocean Drilling Program, Scientific Results, **118**, 359–398.
- Drobia, R. K., & DeMets, C., 2005. Deformation in the diffuse India-Capricorn-Somalia triple junction from a multibeam and magnetic survey of the northern Central Indian ridge, 3°S–10°S, *Geochemistry, Geophysics, Geosystems*, **6**, 10.1029/2005GC000950.
- Embley, R. W., & Wilson, D. S., 1992. Morphology of the Blanco transform fault zone - NE Pacific: Implications for its tectonic evolution, *Mar. Geophys. Res.*, **14**, 25–45.
- Fletcher, J. M., Grove, M., Kimbrough, D., Lovera, O., & Gehrels, G. E., 2007. Ridge-trench interactions and the Neogene tectonic evolution of the Magdalena shelf and southern Gulf of California: Insights from detrital zircon U-Pb ages from the Magdalena fan and adjacent areas, *GSA Bull.*, **19**, 1313–1336, doi: 10.1130/B26067.1.
- Fornari, D. J., Gallo, D. G., Edwards, M. H., Madsen, J. A., Perfit, M. R., & Shor, A. N., 1989. Structure and topography of the Siquieros transform fault system: Evidence for the development of intra-transform spreading centers, *Mar. Geophys. Res.*, **11**, 263–299.
- Fournier, M., Chamot-Rooke, N., Petit, C., Fabbri, O., Huchon, P., Maillot, B., & Lepvrier, C., 2008. *In situ* evidence for dextral active motion at the Arabia-India plate boundary, *Nature Geosci.*, **1**, 54–58, doi:10.1038/ngeo.2007.24.
- Fox, P. J., & Gallo, D. G., 1984. A tectonic model for ridge-transform-ridge plate boundaries: Implications for the structure of oceanic lithosphere, *Tectonophysics*, **104**, 205–242.
- Fox, P. J., Grindlay, N. R., & Macdonald, K. C., 1991. The Mid-Atlantic Ridge (31°S–34° 30'S): Temporal and spatial variations of accretionary processes, *Mar. Geophys. Res.*, **13**, 1–20.
- Gallo, D. G., Fox, P. J., & Macdonald, K. C., 1986. A Seabeam investigation of the Clipperton transform fault: The morphotectonic expression of a fast slipping transform boundary, *J. Geophys. Res.*, **91**, 3455–3467.
- Goff, J. A., Fornari, D. J., Cochran, J. R., Keeley, C., & Malinverno, A., 1993. Wilkes transform system and "nanoplate", *Geology*, **21**, 623–626.
- Grindlay, N. R., Fox, P. J., & Macdonald, K. C., 1991. Second-order ridge axis discontinuities in the south Atlantic: Morphology, structure, and evolution, *Mar. Geophys. Res.* **13**, 21–49.
- Grindlay, N. R., Fox, P. J., & Vogt, P. R., 1992. Morphology and tectonics of the Mid-Atlantic ridge (25°–27° 30'S) from Sea Beam and magnetic data, *J. Geophys. Res.*, **97**, 6983–7010.
- Horner-Johnson, B. C., Gordon, R. G., Cowles, S. M., & Argus, D. F., 2005. The angular velocity of Nubia relative to Somalia and the location of the Nubia-Somalia-Antarctica triple junction, *Geophys. J. Int.*, **162**, 221–234, doi: 10.1111/j.1365-24X.2005.02608.x.
- Hosford, A., Tivey, M., Matsumoto, T., Dick, H., Schouten, H., & Kinoshita, H., 2003. Crustal magnetization and accretion at the Southwest Indian Ridge near the Atlantis II fracture zone, 0–25 Ma, *J. Geophys. Res.*, **108(B3)**, 2169, doi: 10.1029/2001JB000604.
- Karsten, J., Klein, E. M., Martinez, F., Muehe, R., Sturm, M., Coleman, T., Hayasaka, J., Jung, D., Murray, G., Muse, B., Newsom, A., Stewart, M., Tougas, S., & Gallegos, J., 1999. The northern Chile Ridge revealed: preliminary cruise report of PANORAMA Expedition Leg 04, *InterRidge News*, **8**, 15–21.
- Kastens, K. A., Macdonald, K. C., & Becker, K., 1979. The Tamayo transform fault in the mouth of the Gulf of California, *Mar. Geophys. Res.*, **4**, 129–151.
- Kleinrock, M. C., & Bird, R. T., 1994. Southeastern boundary of the Juan Fernandez microplate: braking microplate rotation and deforming the Antarctic plate, *J. Geophys. Res.*, **99**, 9237–9261.
- Laughton, A. S., Whitmarsh, R. B., & Jones, M. T., 1970. The evolution of the Gulf of Aden *Phil. Trans. Roy. Soc. London*, **267A**, 227–266.
- Laughton, A. S., Whitmarsh, R. B., Rusby, J. S. M., Somers, M. L., Revie, J., McCartney, B. S., & Nafe, J. E., 1972. A continuous east-west fault of the Azores-Gibraltar Ridge, *Nature*, **327**, 217–220.
- Leroy, S., Gente, P., Fournier, M., & many others, 2004. From rifting to spreading in the Gulf of Aden: A geophysical survey of a young ocean basin from margin to margin, *Terra Nova*, **00**, 1–7.
- Ligi, M., Bonatti, E., Bortoluzzi, G., Carrara, G., Fabretti, P., Gilod, D., Peyve, A. A., Skolotnev, S., & Turko, N., 1999. Bouvet triple junction in the South Atlantic: Geology and evolution, *J. Geophys. Res.*, **104**, 29,365–29,386.
- Lodolo, E., & Coren, F., 1997. A late Miocene plate boundary reorganization along the westernmost Pacific-Antarctic Ridge, *Tectonophysics*, **274**, 295–305.
- Lonsdale, P., 1989. Segmentation of the Pacific-Nazca spreading center, 1°N–20°S, *J. Geophys. Res.*, **94**, 12,197–12,225.
- Lonsdale, P., 1994. Structural geomorphology of the Eltanin fault system and adjacent transform faults of the Pacific-Antarctic plate boundary, *Mar. Geophys. Res.*, **16**, 105–143.
- Lothian, A. M., 1995. An investigation of the subduction of the Chile Ridge and the Louisville Ridge using GLORIA side-scan sonar and other marine geophysical data, Unpublished thesis, University of Birmingham, 148 pp.
- Macdonald, K. C., Castillo, D., Miller, S., Fox, P. J., Kastens, K., & Bonatti, E., 1986. Deep-tow studies of the Vema fracture zone, I, tectonics of a major slow slipping transform fault and its intersection with the Mid-Atlantic ridge, *J. Geophys. Res.*, **91**, 3334–3354.
- Madsen, J. A., Macdonald, K. C., & Fox, P. J., 1986. Morphotectonic fabric of the Orozco Fracture Zone: Results from a sea beam investigation, *J. Geophys. Res.*, **891**, 3439–3454.

- Mazarovich, A. O., Sokolov, S. Y., Turko, N. N., & Dobrolyubova, K. O., 2001. Seafloor topography and structure of the rift zone of the Mid-Atlantic Ridge between 5°N and 7° 18'N, *Russ. J. of Earth Sci.*, **3**, 353–350.
- Mendel, V., Sauter, D., Parson, L. M., & Vanney, J. R., 1997. Segmentation and morphotectonic variations along a super slow-spreading centre: the Southwest Indian Ridge (57°E-70°E), *Mar. Geophys. Res.*, **19**, 503–531.
- Merkouriev, S., & DeMets, C., 2006. Constraints on Indian plate motion since 20 Ma from dense Russian magnetic data: Implications for Indian plate dynamics, *Geochem. Geophys. Geosyst.*, **7**, Q02002, doi: 10.1029/2005GC001079.
- Michaud, F., Royer, J.-Y., Bourgois, J., Mercier de Lepinay, B., & Liaudon, G. P., 1997. The Rivera fracture zone revisited, *Mar. Geology*, **137**, 207–225.
- Mitchell, N. C., Livermore, R. A., Fabretti, P., & Carrara, C., 2000. The Bouvet triple junction, 20 to 10 Ma, and extensive transtensional deformation adjacent to the Bouvet and Conrad transforms, *J. Geophys. Res.*, **105**, 8279–8296.
- Ondreas, H., Aslanian, D., Geli, L., & Olivet, J.-L., 2001. Variations in axial morphology, segmentation, and seafloor roughness along the Pacific-Antarctic Ridge between 56°S and 66°S, *J. Geophys. Res.*, **106**, 8521–8546.
- Palmer, J., Sempere, J.-C., Christie, D., & Morgan, J. P., 1993. Morphology and tectonics of the Australian-Antarctic discordance between 123° E and 128° E, *Mar. Geophys. Res.*, **15**, 121–152.
- Parson, L. M., Patriat, P., Searle, R. C., & Briaire, A. R., 1993. Segmentation of the Central Indian Ridge between 12° 12'S and the Indian Ocean triple junction, *Mar. Geophys. Res.*, **15**, 265-282.
- Perry, R. K., Fleming, H. S., Cherkis, N. Z., Feden, R. H., & Vogt, P. R., 1978. Bathymetry of the Norwegian-Greenland and western Barents Seas, Map, Naval Research Laboratory - Acoustics Division, Washington, D. C.
- Pockalny, R. A., Detrick, R. S., & Fox, P. J., 1988. The morphology and tectonics of the Kane transform from Sea Beam bathymetry data, *J. Geophys. Res.*, **94**, 3179–3194.
- Rosencrantz, E., & Mann, P., 1991. SeaMARC II mapping of transform faults in the Cayman Trough, Caribbean Sea, *Geology*, **19**, 690-693.
- Scheirer, D. S., Forsyth, D. W., Conder, J. A., Eberle, M. A., Hung, S.-H., Johnson, K. T. M., & Graham, D. W., 2000. Anomalous seafloor spreading of the Southeast Indian Ridge near the Amsterdam-St. Paul Plateau, *J. Geophys. Res.*, **105**, 8243–8262.
- Sclater, J. G., Munsch, M., Fisher, R. L., Weatherall, P., Cande, S. C., Patriat, P., Bergh, H., & Schlich, R., 1997. *Geophysical Synthesis of the Indian/Southern Oceans: Part 1, The Southwest Indian Ocean*, v. 97-6, Scripps Institution of Oceanography, La Jolla, California, USA.
- Sclater, J. G., Grindlay, N. R., Madsen, J. A., & Rommevaux-Jestin, C., 2005. Tectonic interpretation of the Andrew Bain transform fault, southwest Indian Ocean, *Geochemistry, Geophysics, Geosystems*, **6**, Q09K10, doi: 10.1029/2005GC000951.
- Searle, R., 1981. The active part of Charlie-Gibbs Fracture Zone: A study using sonar other geophysical techniques, *J. Geophys. Res.*, **86**, 243–262.
- Searle, R. C., 1983. Multiple, closely spaced transform faults in fast-slipping fracture zones, *Geology*, **11**, 607–610.
- Searle, R. C., 1986. GLORIA investigations of oceanic fracture zones: comparative study of the transform fault zone, *J. Geol. Soc. London*, **143**, 743–756.
- Searle, R. C., Thomas, M. V., & Jones, E. J. W., 1994. Morphology and tectonics of the Romanche Transform and its environs, *Mar. Geophys. Res.*, **16**, 427–453.
- Shah, A., & Sempere, J.-C., 1998. Morphology of the transition from an axial high to an axial valley at the Southeast Indian Ridge and the relation to variations in mantle temperature, *J. Geophys. Res.*, **103**, 5203–5223.
- Shen, Z. K., Lu, J., Wang, M., & Burgmann, R., 2005. Contemporary crustal deformation around the southeast borderland of the Tibetan Plateau, *J. Geophys. Res.*, **110**, B11409, doi: 10.1029/2004JB003421.
- Simons, W. J. F., Socquet, A., Vigny, C., Ambrosius, B. A. C., Haji Abu, S., Promthong, C., Subarya, C., Sarsito, D. A., Matheussen, S., Morgan, P., & Spakman, W., 2007. A decade of GPS in Southeast Asia: Resolving Sundaland motion and boundaries, *J. Geophys. Res.*, **112**, B6, B06420, doi:10.10292005JB003868.
- Smalley, R., Dalziel, I. W. D., Bevis, M. G., Kendrick, E., Stamps, D. S., King, E. C., Taylor, F. W., Lauria, E., Zakrajsek, A., & Parra, H., 2007. Scotia arc kinematics from GPS geodesy, *Geophys. Res. Lett.*, **34**, L21308, doi:10.1029/2007GL031699.
- Smith, W. H. F., & Sandwell, D. T., 1997. Global sea floor topography from satellite altimetry and ship depth soundings, *Science*, **277**, 1956–1962.
- Smith, D. K., Escartin, J., Schouten, H., & Cann, J. R., 2008. Fault rotation and core complex formation: Significant processes in seafloor formation at slow-spreading mid-ocean ridges (Mid-Atlantic Ridge, 13°-15°N), *Geochem. Geophys. Geosyst.*, **9** (3), Q03003, doi:10.1029/2007GC001699.
- Tamsett, D., & Searle, R. C., 1988. Structure and development of the mid-ocean ridge plate boundary in the Gulf of Aden: Evidence from GLORIA side scan sonar, *J. Geophys. Res.*, **94**, 3157–3178.
- Tamsett, D., & Searle, R., 1990. Structure of the Alula-Fartak fracture zone, Gulf of Aden, *J. Geophys. Res.*, **95**, 1239–1254.
- Tebbens, S. F., Cande, S. C., Kovacs, L., Parra, J. C., LaBrecque, J. L., & Vergara, H., 1997. The Chile Ridge: A tectonic framework, *J. Geophys. Res.*, **102**, 12035–12059.
- Thomas, C., Livermore, R., & Pollitz, F., 2003. Motion of the Scotia Sea plates, *Geophys. J. Int.*, **155**, 789–804.
- Wilson, D. S., & DeMets, C., 1998. Reply to Comment on "Relative motions of the Pacific, Rivera, North American, and Cocos plates since 0.78 Ma", *J. Geophys. Res.*, **103**, 24,251–24,256.