

README

The model is based on Model 12 in Marcilly *et al.* (2021) with refinements in exposed land area and extended from 520 to 540 Ma. This leads to changes (mostly very minor) in f_A and $f_{Aw10_f_A}$.

			Corrected for aridity	
Time	f_A (Refined 2023)	f_A (Marcilly <i>et al.</i> 2021, Model 12 and 9)	$f_{Aw10_f_A}$ (Refined 2023)	$f_{Aw10_f_A}$ (Marcilly <i>et al.</i> 2021, Model 12 and 9)
540	0.59		1.33	
530	0.55		1.23	
520	0.51	0.51	1.12	1.15
510	0.45	0.45	0.81	0.84
500	0.53	0.53	0.83	0.85
490	0.55	0.54	0.95	0.99
480	0.54	0.53	1.37	1.41
470	0.54	0.53	1.58	1.63
460	0.53	0.52	1.62	1.66
450	0.61	0.61	1.56	1.64
440	0.62	0.62	1.14	1.16
430	0.51	0.51	1.34	1.38
420	0.61	0.52	1.21	1.35
410	0.66	0.65	0.73	0.78
400	0.65	0.64	0.48	0.49
390	0.56	0.54	0.54	0.56
380	0.56	0.55	0.71	0.73
370	0.59	0.57	0.66	0.69
360	0.67	0.75	0.91	0.93
350	0.68	0.67	1.04	1.07
340	0.72	0.72	1.15	1.12
330	0.70	0.71	1.06	1.10
320	0.80	0.78	0.96	0.94
310	0.71	0.72	1.07	1.15
300	0.75	0.75	1.02	1.07
290	0.81	0.80	1.00	1.08
280	0.77	0.77	1.06	1.09
270	0.76	0.77	0.37	0.45
260	0.86	0.87	0.39	0.43
250	0.87	0.86	0.40	0.42
240	0.91	0.90	0.48	0.51
230	0.91	0.91	0.82	0.85
220	0.89	0.88	0.38	0.39
210	0.94	0.93	0.40	0.42
200	0.90	0.88	0.25	0.25
190	0.90	0.90	0.37	0.38

180	0.93	0.92	0.35	0.36
170	0.82	0.81	0.29	0.30
160	0.73	0.72	0.34	0.34
150	0.78	0.78	0.37	0.39
140	0.81	0.81	0.40	0.41
130	0.78	0.77	0.36	0.37
120	0.72	0.71	0.36	0.37
110	0.78	0.78	0.40	0.41
100	0.72	0.71	0.83	0.86
90	0.72	0.71	0.83	0.85
80	0.64	0.63	0.87	0.89
70	0.81	0.81	0.96	0.98
60	0.88	0.93	0.90	0.95
50	0.93	0.93	1.04	1.09
40	0.96	0.97	0.93	1.02
30	0.99	1.00	0.91	0.95
20	1.00	0.98	0.84	0.89
10	1.01	1.02	0.97	1.03
0	1.00	1.01	1.00	1.00