

Table 1. Database.

Record	Geographical Position	Proxy Variable	Time Interval [ka]	$n$	$d$ [a]	Reference
$\Delta R$	Global	Various/modeled	0–800	7999	100	Köhler et al. (2010)
EDC	75 S, 123 E	$\delta D$	0–800	5788	139	Jouzel et al. (2007)
NH	(Surface air)	$\delta^{18}O$ /modeled	0–800	8000	100	Bintanja et al. (2005)
ABS	34–36 S, 17–19 E	Mg/Ca	0–345	396	872	Martínez-Mendez et al. (2010)
GeoB 1711-4	23 S, 12 E	$U_{37}^k$	0–135	213	635	Kirst et al. (1999)
MD97-2120	45 S, 175 E	Mg/Ca	2–341	365	931	Pahnke et al. (2003)
ODP 1089	41 S, 10 E	Mg/Ca	2–437	477	914	Cortese et al. (2007)
ODP 1240	0 N, 86 W	Mg/Ca	2–275	1159	236	Pena et al. (2008)
ODP 722	17 N, 60 E	$U_{37}^k$	7–802	470	1696	Herbert et al. (2010)
ODP 1146	19 N, 116 E	$U_{37}^k$	5–801	473	1686	Herbert et al. (2010)
MD03-2707	3 N, 9 E	Mg/Ca	0.4–10.5	252	40	Leduc et al. (2010)
MD99-2251	57 N, 28 W	Mg/Ca	0.6–10.5	190	52	Leduc et al. (2010)
MD98-2181	6 N, 126 E	Mg/Ca	0.0–10.4	212	49	Leduc et al. (2010)
MD98-2176	5 S, 133 E	Mg/Ca	0.1–10.5	207	50	Leduc et al. (2010)
RAPID-12-1K	62 N, 18 W	Mg/Ca	0.0–10.5	123	86	Leduc et al. (2010)
ODP 1084B	26 S, 13 E	Mg/Ca	0.0–10.5	106	100	Leduc et al. (2010)
ODP 984	61 N, 24 W	Mg/Ca	0.6–10.4	95	104	Leduc et al. (2010)
A-7	28 N, 127 E	Mg/Ca	1.1–10.4	81	116	Leduc et al. (2010)
GeoB 6007-2	31 N, 10 W	$U_{37}^k$	0.3–10.5	394	26	Leduc et al. (2010)
GeoB 5901-2	36 N, 7 W	$U_{37}^k$	1.1–9.9	268	33	Leduc et al. (2010)
MD97-2151	9 N, 110 E	$U_{37}^k$	0.9–10.4	162	59	Leduc et al. (2010)
CH07-98-GGC19	37 N, 75 W	$U_{37}^k$	0.5–10.5	147	68	Leduc et al. (2010)
D13882	39 N, 9 W	$U_{37}^k$	0.4–10.5	142	72	Leduc et al. (2010)
OCE326-GGC30	44 N, 63 W	$U_{37}^k$	0.0–10.4	134	78	Leduc et al. (2010)
MD95-2015	59 N, 26 W	$U_{37}^k$	0.7–10.5	126	78	Leduc et al. (2010)
MD01-2412	45 N, 145 E	$U_{37}^k$	0.0–10.4	131	80	Leduc et al. (2010)
SO139-74KL	7 S, 104 E	$U_{37}^k$	1.0–10.5	97	98	Leduc et al. (2010)
ODP 658C	21 N, 19 W	$U_{37}^k$	0.1–10.4	103	101	Leduc et al. (2010)
JR51-GC35	67 N, 18 W	$U_{37}^k$	0.1–10.2	97	105	Leduc et al. (2010)
OCE326-GGC26	43 N, 55 W	$U_{37}^k$	0.1–10.5	99	106	Leduc et al. (2010)
MD95-2043	36 N, 3 W	$U_{37}^k$	1.0–10.5	82	117	Leduc et al. (2010)

$n$ , data size within time interval;  $d$ , average temporal spacing within time interval;  $\Delta R$ , radiative forcing (units:

$W m^{-2}$ ); NH, Northern Hemisphere; ABS, spliced record; all records but  $\Delta R$  are temperature (units:  $^{\circ}C$ ), all

temperature records but EDC and NH measure SST.

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