

S1: Mean of the three first seasonal amplitudes (“3-points mean seasonal amplitude”, in ‰), mean seasonal amplitude (in ‰), ratio of the mean of the three first seasonal amplitudes by the mean seasonal amplitude over the whole available covered period of ice cores dated at the sub-annual scale (“ration”), and yearly mean accumulation (“Accumulation”, in cm w.e. y-1). Blank cells remain in the “Accumulation” column when no provided.

	3-points mean seasonal amplitude (‰)	Mean seasonal amplitude (‰)	Ratio	Accumulation (cm w.e. y-1)
USITASE-2000-1	6.46	3.92	1.65	14
USITASE-2000-2	8.43	4.27	1.98	26
<b>USITASE-2000-3</b>	<b>7.18</b>	<b>7.78</b>	<b>0.92</b>	
USITASE-2000-4	97.98	61.04	1.61	19
USITASE 2000-5	4.55	4.33	1.05	12
<b>USITASE-2000-6</b>	<b>2.40</b>	<b>5.64</b>	<b>0.43</b>	
USITASE-2001-1	4.23	2.55	1.66	26
USITASE-2001-2	9.80	6.73	1.46	43
USITASE-2001-3	11.02	6.80	1.62	33
USITASE-2001-4	67.36	46.87	1.44	19
<b>USITASE-2001-5</b>	<b>5.88</b>	<b>6.31</b>	<b>0.93</b>	<b>38</b>
USITASE-2002-1	11.06	6.13	1.80	
USITASE-2002-2	6.88	3.83	1.80	
<b>USITASE-2002-4</b>	<b>5.68</b>	<b>6.40</b>	<b>0.89</b>	<b>15</b>
NUS 08-7	6.65	5.15	1.29	
NUS 07-1	6.09	3.00	2.03	
<b>WDC06A</b>	<b>2.00</b>	<b>2.15</b>	<b>0.93</b>	
IND25	90.59	42.22	2.15	28
GIP	5.50	5.44	1.01	112