

Number	Case name	Run length	Averaged output period	Cavity geometry	θ_{init} ($^{\circ}\text{C}$)	min z_{ice} (m)	max z_{ice} (m)	min wct (m)	max wct (m)
1	standard cold tide forced	20 years	30 days	present-day	-1.9	-11	-1537	50	1210
2	standard cold no tides (restart #1)	10 years	30 days	present-day	-1.9	''	''	''	''
3	standard warm tide forced	20 years	30 days	present-day	-1.4	''	''	''	''
4	standard warm no tides (restart #3)	10 years	30 days	present-day	-1.4	''	''	''	''
5	standard tides only	30 days	2 h	present-day	n/a	''	''	''	''
6	standard cold dye (restart #1)	2 years	30 days	present-day	-1.9	''	''	''	''
8	standard warm dye (restart #3)	2 years	30 days	present-day	-1.4	''	''	''	''
9	modified warm tide forced	20 years	30 days	melt-adjusted	-1.4	-25	-1442	52	1180
10	modified warm no tides (restart #9)	10 years	30 days	melt-adjusted	-1.4	''	''	''	''
11	modified tides only	30 days	2 h	melt-adjusted	n/a	''	''	''	''
12	modified warm dye (restart #9)	2 years	30 days	melt-adjusted	-1.4	''	''	''	''