

Station	Melt pond no.	Melt pond depth (m)	Melt pond salinity	Melt pond Temperature ($^{\circ}\text{C}$)
Ice1	MP1	0.18 ± 0.01	5.2	1.9
Ice1	MP2	0.18 ± 0.04	4.1	1.8
Ice2	MP1	0.29 ± 0.05	0.7	0.4
Ice2	MP2	0.19 ± 0.03	0.4	0.3
Ice2	MP3	0.12 ± 0.01	0.2	0.2
Ice3	MP1	0.07 ± 0.01	1.1	0.2
Ice3	MP2	0.10 ± 0.00	0.9	0.2
Ice4	MP1	0.12 ± 0.01	8.1	0.2
Ice4	MP2	0.11 ± 0.02	8.5	0.3