

Figure 1. Locations of moorings carrying sonar for the measurement of ice draft, from the late 1980s to the present. Canadian sites are plotted in red and dark blue. A Canadian company, ASL Environmental Sciences Inc. has been heavily involved in installations in Russian waters (yellow symbols). Filled symbols indicate locations that are presently active.

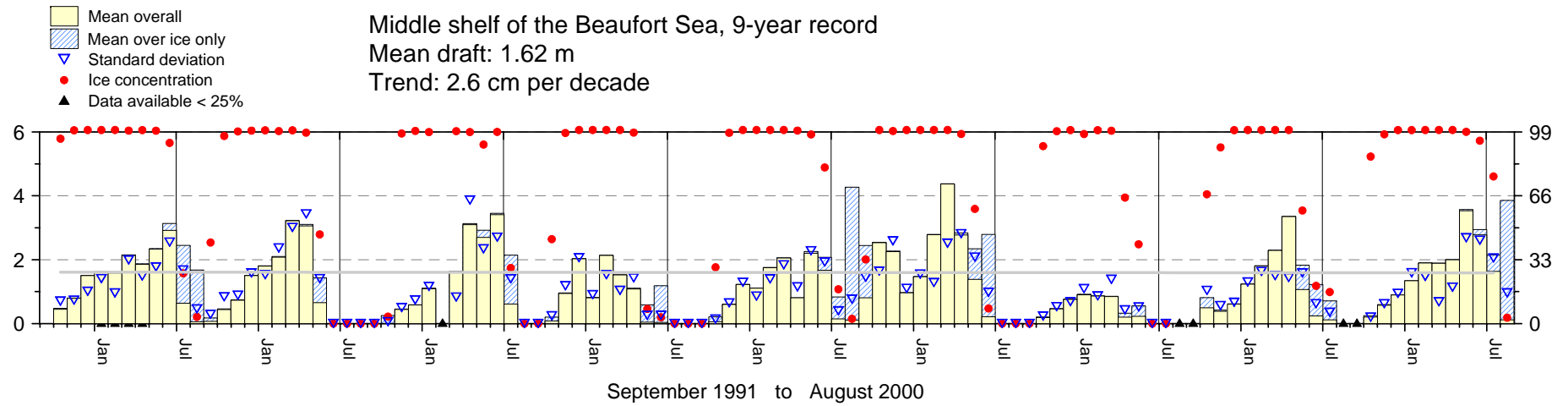


Figure 2. Monthly average draft of sea ice on the Mackenzie shelf, Beaufort Sea. The overall trend to thicker ice (2.6 cm per decade) is at the limit of detection. The year 1998 was clearly an anomaly. The figure summarizes approximately 50,000,000 observations.

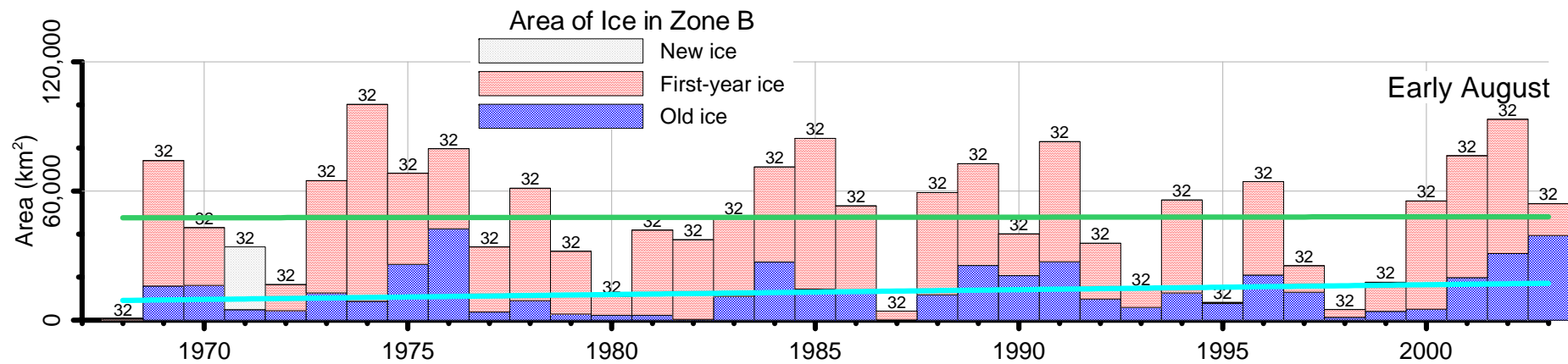


Figure 3. Ice extent over the continental shelf of the Beaufort Sea, Point Barrow to Cape Bathurst (Data source: Weekly Chart, Canadian Ice Service). Trend lines indicate a negligible increase in total ice area (green: less than 0.1% per decade), and a larger increase in the area of old ice (blue: 1.5% per decade).