Preliminary results from the DAMIC-100 Dark Matter Experiment KARTHIK RAMANATHAN, Univ of Chicago, DAMIC COLLABoration — The DAMIC (Dark Matter in CCDs) experiment utilizes high resistivity, scientific grade CCDs to search for particle Dark Matter. With a demonstrated combination of low electronic noise of 1.6 e−, an ionization response threshold of 35 eV_{ee}, and high spatial resolution of particle interactions, the experiment is uniquely sensitive to low-mass Dark Matter candidates with masses below 10 GeV c^{-2}. We present here results from a dark matter search using the first few months of science run data of the current iteration of the experiment, DAMIC-100 - now operational at SNOLAB, and place preliminary WIMP-nucleon cross section limits.