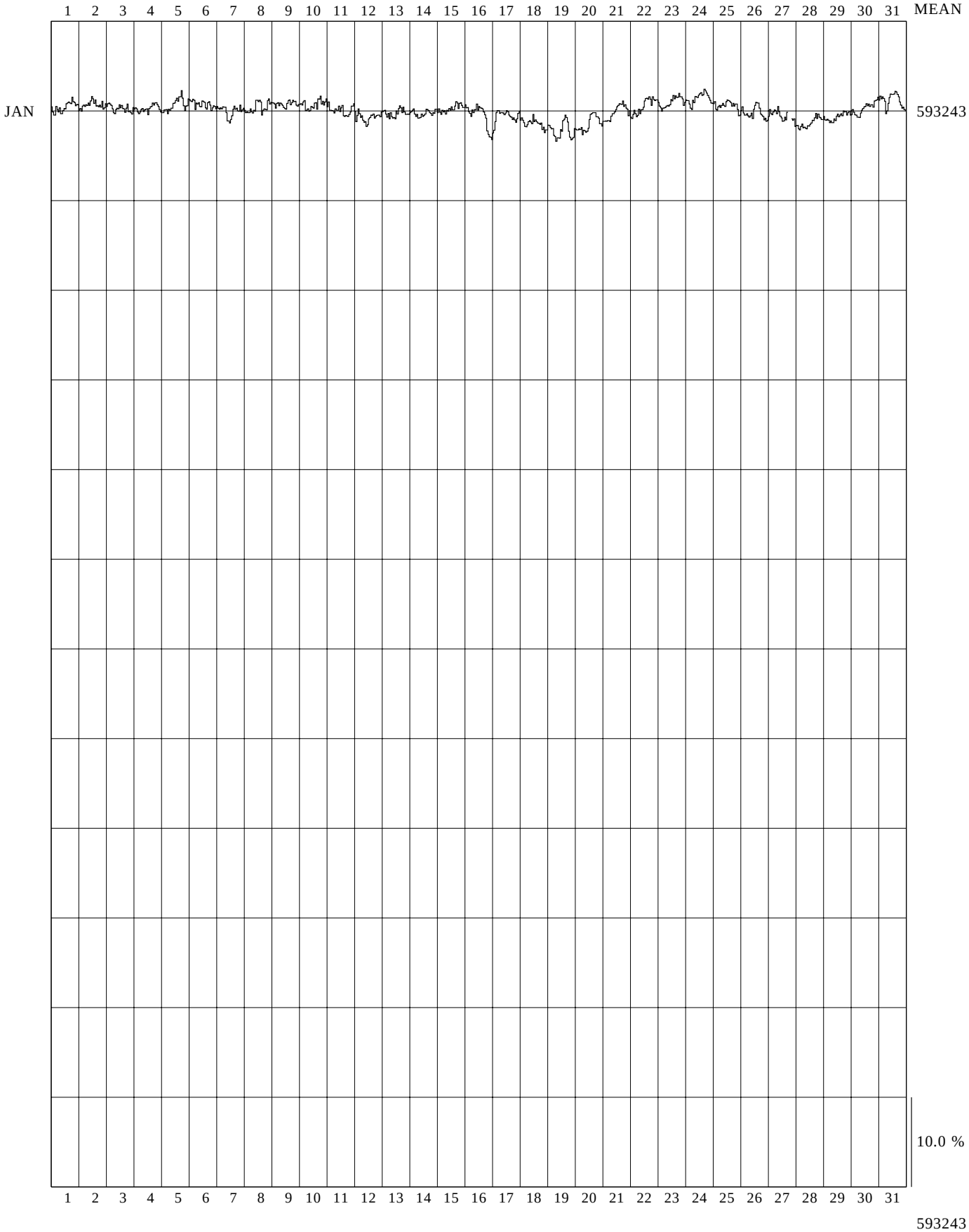SANAE_ N64 PCSA 2013