January 1, 1900 = MONDAY = 1

Month (m) = 1 ⇒ 11 x31F0⇔ R0 m

Date (k) = 1 x31F1⇔ R1 k

Year = 1900 x31F2⇔ R2 year

Century (C) = R2 / 100 = 19 x31F3⇔ R3 output

Decade (D) = If m < = 2 R4 C (quo)

then (1900 – 1) % 100 R5 D (mod)

else R6

s1900 % 100 R7

*f* = *k*+(13*m*−1)/5+*D*+*D*/4+*C*/4−2*C*

1899 % 100 = 99

m = 1

k = 1