Project 3: Crawling in babies, additional information

Babies learn to crawl at about 30 weeks (6.5 months). This study investigated whether babies take longer to learn to crawl in cold months when they are often bundled in clothes that restrict their movement, than in warmer months. Parents brought their babies into the University of Denver Infant Study Center. The parents reported the birth month and age at which their child was first able to creep or crawl a distance of four feet in one minute.

Specifically, the study sought to:

1) describe the relationship between a babies' first crawling age and the average temperature during the month they first try to crawl (about 6 months after birth).

2) estimate the average difference in weeks-to-crawl between babies born in February (73 degrees avg. temperature) and babies born in August (30 degrees avg. temperature)

Your data set has information on 200 babies, which is a subset of babies in the study. There is one row of data for each baby. The variables are:

month: the birth month from 1 (January) to 12 (December)

temperature: average temperature in Denver for the month a baby usually tries to crawl

(6 months after the birth month), in degrees Fahrenheit

crawl: age (in weeks) when the baby began to crawl (using the definition of crawl above).