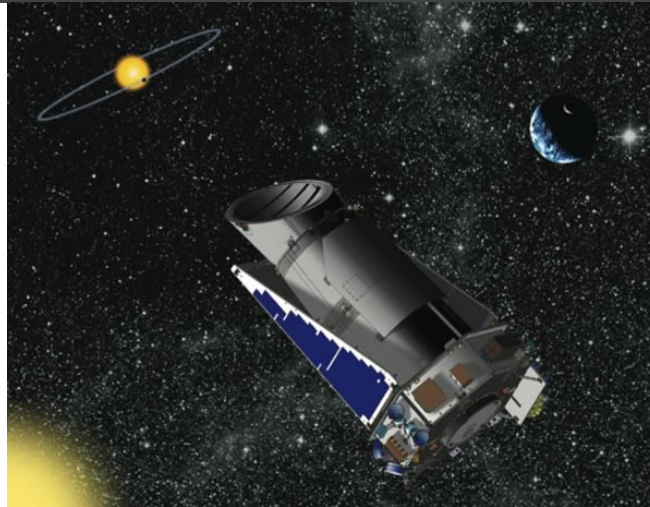
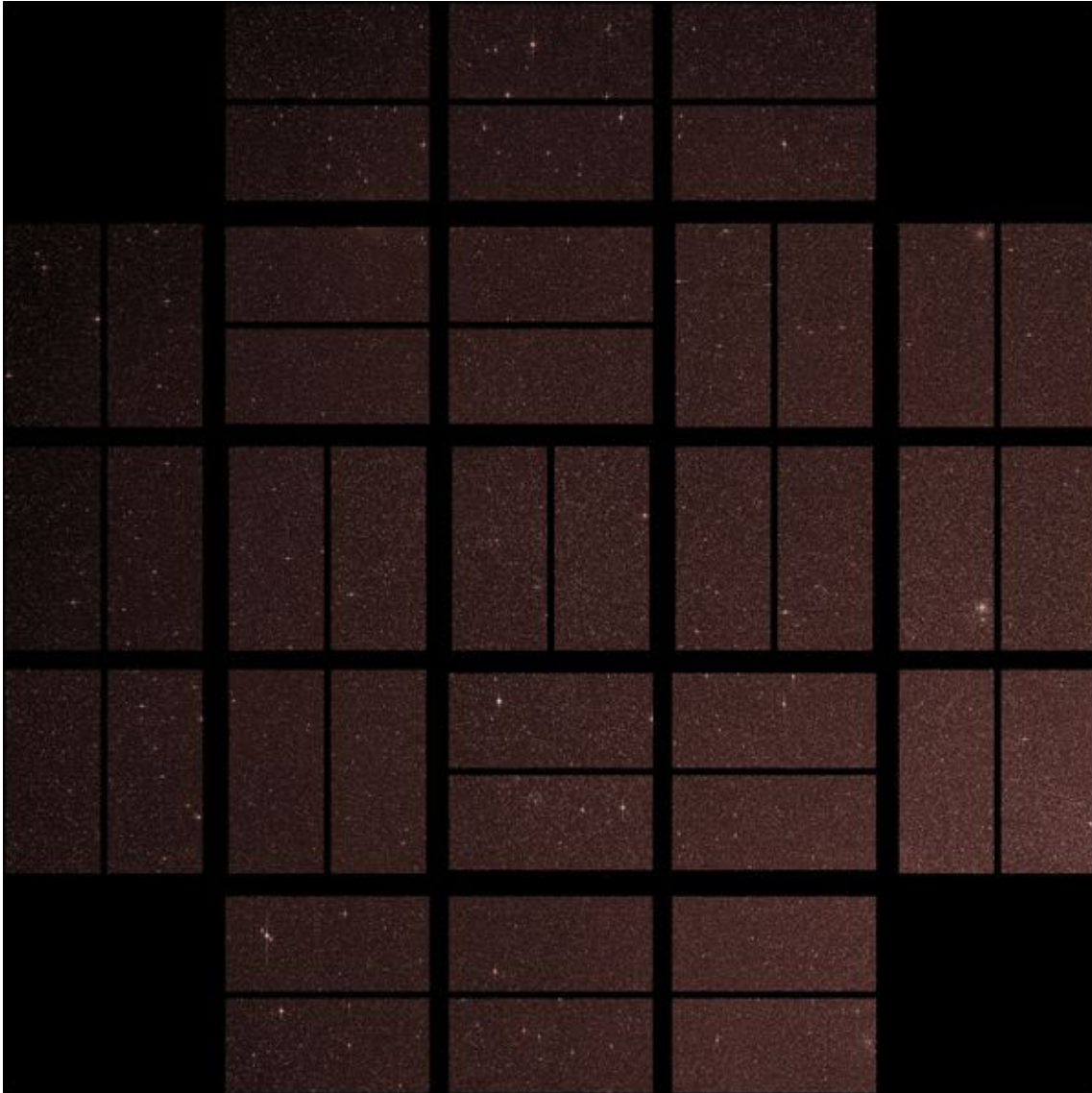


K2 – Kepler 2.0



The Kepler Mission



Transiting planets around bright stars

105 sq. degree field in Cygnus

~100K targets (~3k GO)

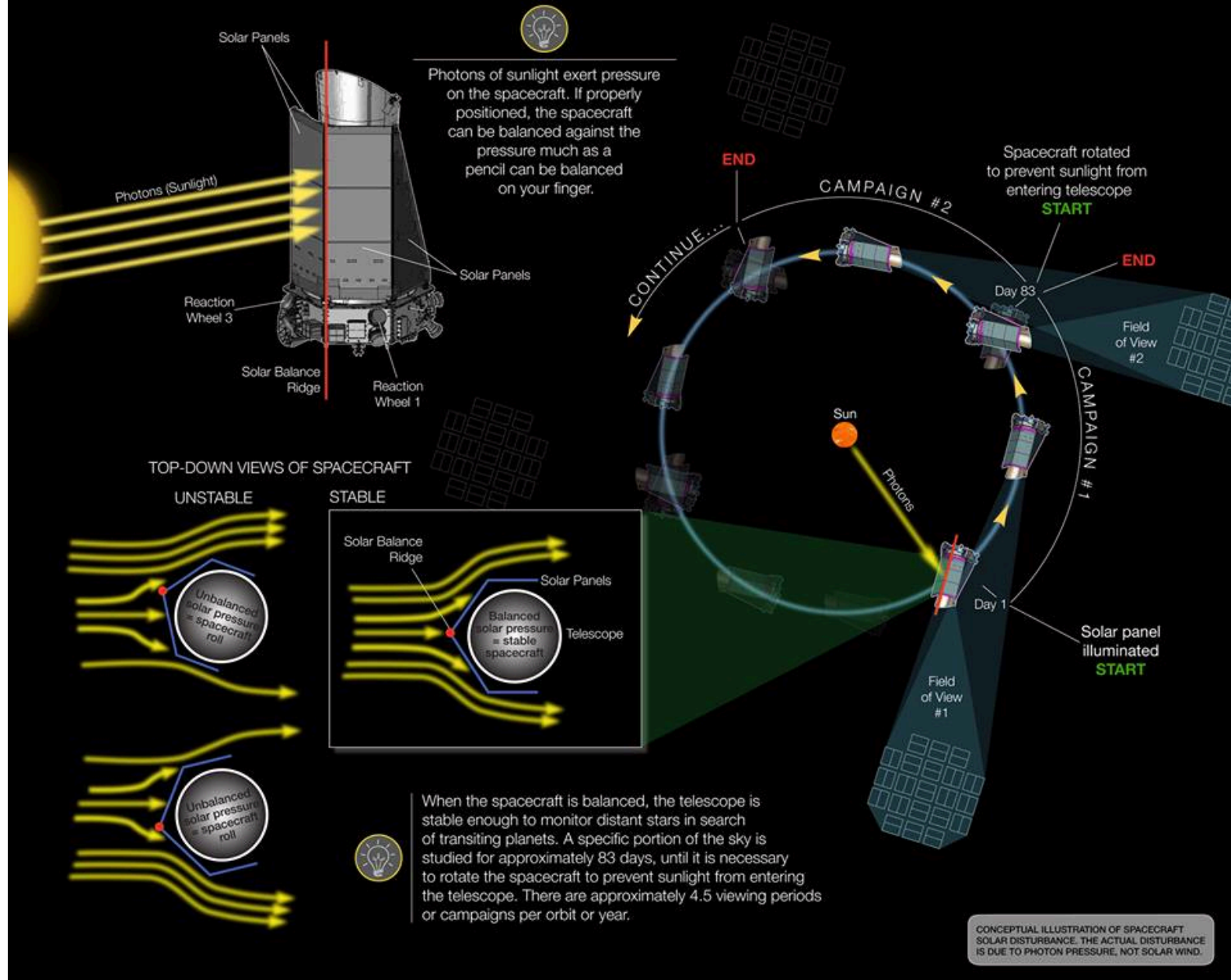
1 min + 30 min cadences

Data downloaded ~ 3months (~40 GB data)

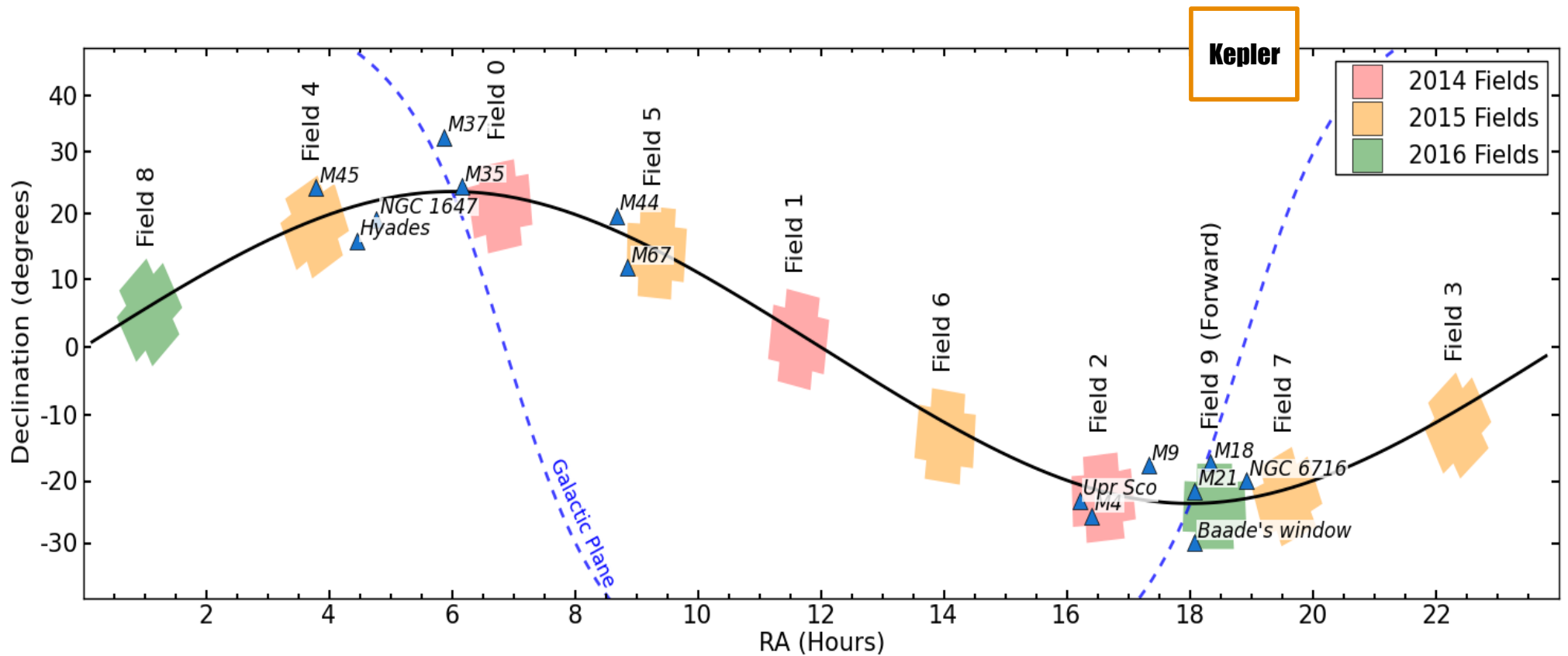
Only selected pixels downloaded



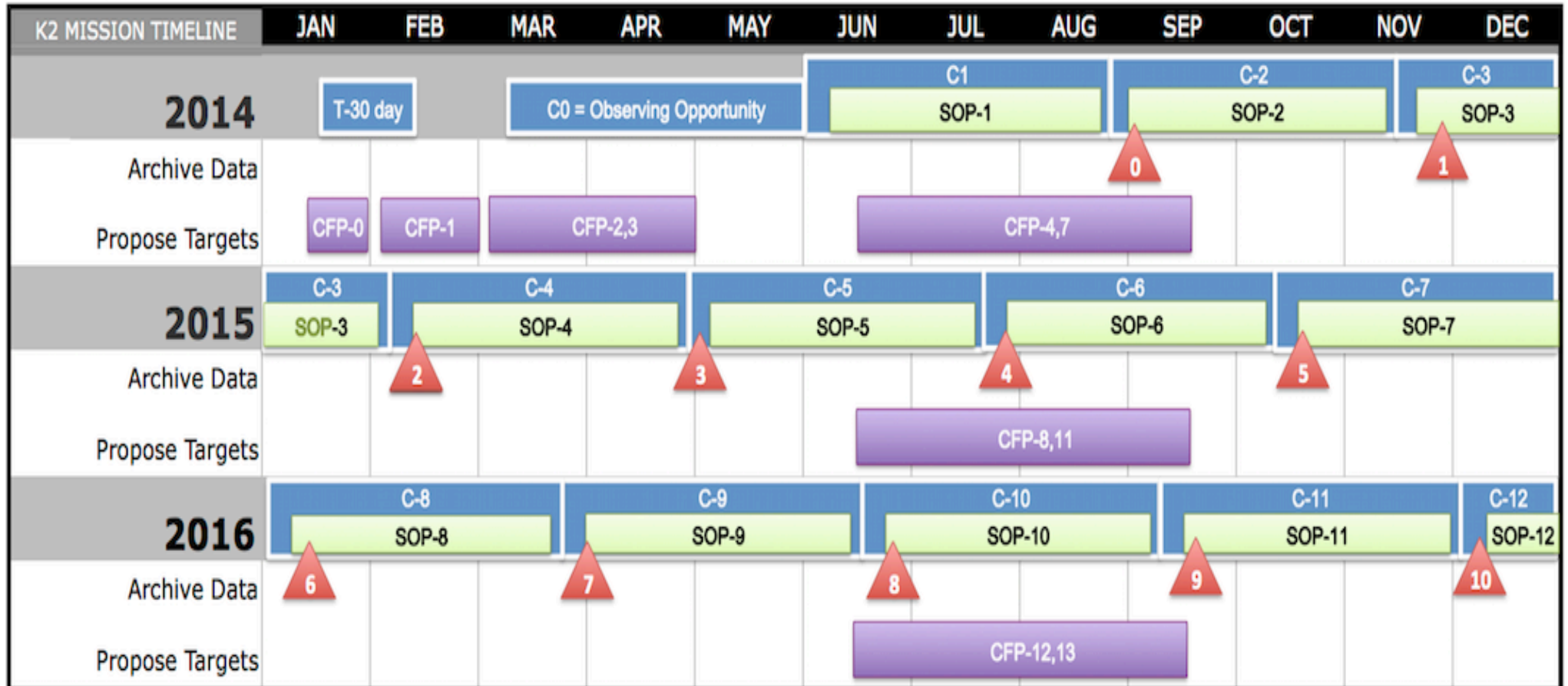
Kepler's Second Light: How K2 Will Work



K2 Fields



K2 Timeline



T = test

C = Campaign

SOP = Science Observation Period

CFP = Call For Proposals (community target selection)



Campaign Data to Archive

K2 Timeline

June 2013 – Call for White Papers

November 2013 => New Science Mission Designed

December 2013 => Technical and Science mission approved, INVITED to Senior Review

January 2014 => Alpha Test

March – May 2014 => Field 0 “Beta Test”

April 2014 => NASA Senior Review

May 2014 => Senior Review Notificaiton

