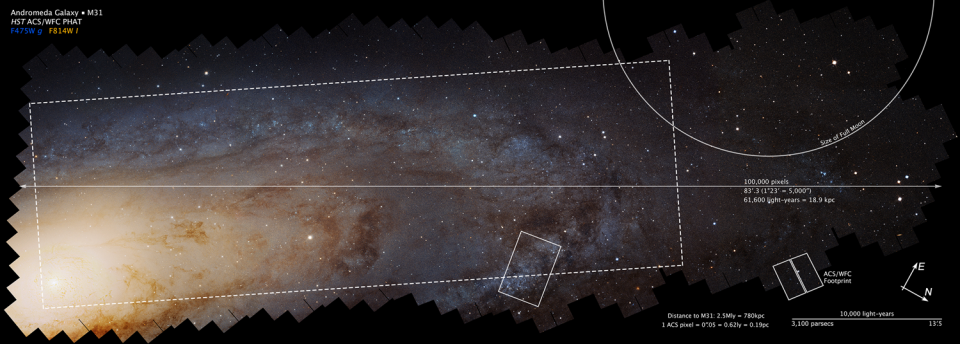


Andromeda Galaxy • M31  
HST ACS/WFC PHAT  
F475W g F814W I



Size of Full Moon

100,000 pixels  
83'.3 (1°23' = 5,000")  
61,600 light-years = 18.9 kpc



ACS/WFC  
Footprint



Distance to M31: 2.5Mly = 780kpc  
1 ACS pixel = 0".05 = 0.62ly = 0.19pc

10,000 light-years  
3,100 parsecs