



STAR MOVEMENT ON FILM

© Copyright 2001 Charles Campbell

Have you ever wondered how long a camera exposure can be before the Earth's rotation causes stars to blur on film? Here's a very handy formula.

Maximum Exposure Time (secs.) = $600/\text{focal length (mm)}$

Examples: 24mm (25 sec.), 35mm(17 sec.), 50mm(12 sec.), 70mm(9 sec.)