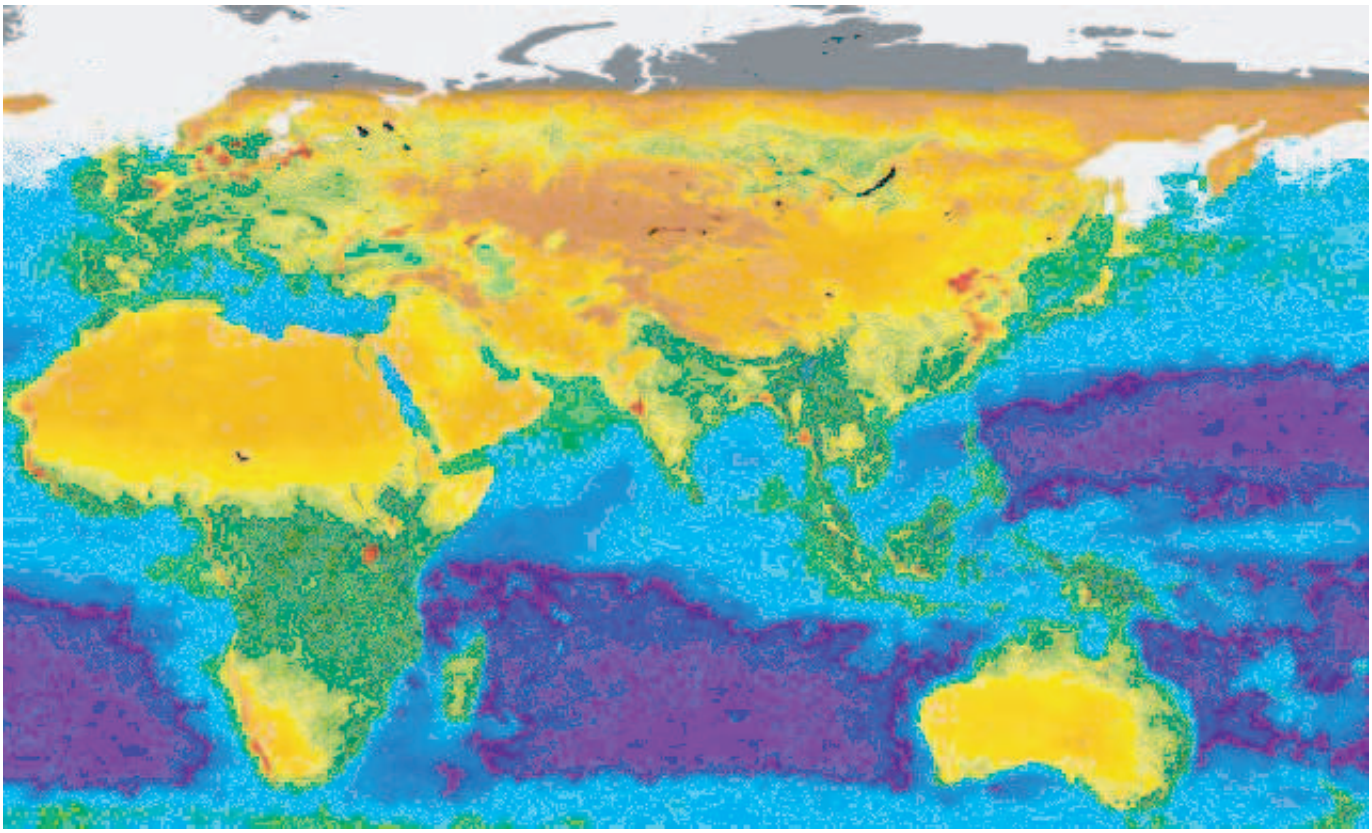December-January-February photosynthesis