

# Light Pollution Map of Israel - 2019

Map of night-sky brightness in Israel  
resulting from artificial light pollution

Michael Vlasov © 2020  
www.deepskywatch.com

Calculated using VIIRS satellite data from apr 2019  
Data by: Earth Observation Group, © NOAA  
Map by: ©2011 Google - Map data © 2011, Maps GIsrael  
Calibrated by "www.lightpollutionmap.info", 2015 data,  
select qualitative ground observations and SRTM data

Estimation of visible magnitude:

Gray: < 7.0 m (Bortle 2)  
Blue: 6.6-7.0 m (Bortle 3)  
Green-Yellow: 6.1-6.5 m (Bortle 4)  
Orange: 5.6-6.0 m (Bortle 5)  
Red: 5.1-5.5 m (Bortle 6)  
Pink: 4.6-5.0 m (Bortle 7)  
White: 4.1-4.5 m (Bortle 8)  
Bright White: < 4 m (Bortle 9)

