

## UV Effects of Trees by Stratum

Location: Springfield, Hampden, Massachusetts, United States of America

Project: Springfield Squares, Series: Parks, Year: 2018

Generated: 4/8/2019



Stratum	UV Effects in Tree Shade			UV Effects Overall		
	Protection factor	Reduction in UV Index	Percent reduction (%)	Protection factor	Reduction in UV Index	Percent reduction (%)
Center Square	3.855	3.267	71.08	2.033	2.100	50.52
Stearns Square	2.132	2.454	46.75	1.100	0.387	9.12
<b>Study Area</b>	<b>2.288</b>	<b>2.575</b>	<b>50.07</b>	<b>1.183</b>	<b>0.649</b>	<b>15.38</b>

Protection factor is a unitless value meant to capture the UV radiation-blocking capacity of trees. It is comparable to the SPF rating in sunscreen.