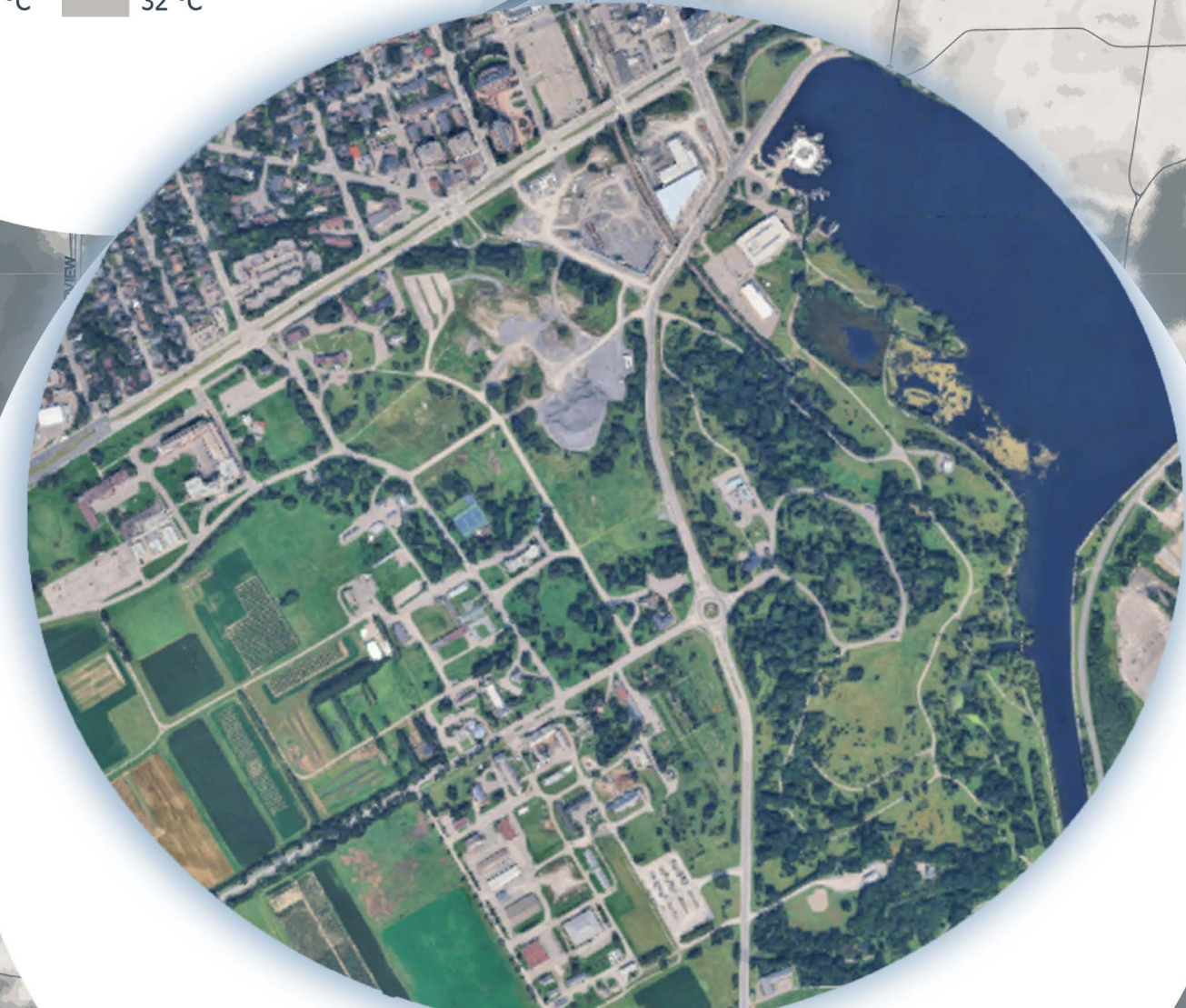


Surface Temperature

21 °C	27 °C	33 °C
22 °C	28 °C	34 °C
23 °C	29 °C	35 °C
24 °C	30 °C	36 - 38 °C
25 °C	31 °C	
26 °C	32 °C	



Fletcher Wildlife Garden and Arboretum along Prince of Wales Dr. Extensive tree coverage and green space. A cool break from Ottawa's heat island effect.



George st, Byward market, Lower town a lively urban center filled with market stalls and food shops. Green space and shade covers are sparse. A part of Ottawa's Urban heat island effect





Heat islands occur when urban areas with a dense concentration of buildings, roads, and concrete, absorb and retain more heat than surrounding natural areas, leading to higher temperatures. This effect can exacerbate air pollution and increase energy consumption, particularly in the summer. Shading through trees or architectural features, helps reduce the impact of heat islands by blocking direct sunlight, cooling the air, and providing relief to pedestrians and nearby buildings. This natural cooling effect can lower temperatures and improve comfort in urban spaces.

Simple lightweight structures with awnings and shade coverings can provide quick and easy temporary solutions during heat waves and hot summer months. Creating these structures in Public spaces and busy markets brings vibrancy and comfort to city spaces.