

# THE IMPACT OF HOT WEATHER ON ROADS AND DRIVING SAFETY



1

## ASPHALT BLEEDING

The road surface becomes slippery, increasing stopping distance and reducing grip.



2

## OVERHEATED ROAD SURFACES

Roads can get much hotter than the air, causing tire wear and visual distortion.



3

## HIGH BATTERY LOAD AND ELECTRICAL FAILURES

Heat and high electrical demand can cause battery failure or sudden breakdowns.



4

## INCREASED TIRE PRESSURE AND BLOWOUT RISK

Heat causes air to expand, raising pressure and the risk of sudden blowouts.



5

## ENGINE OVERHEATING (COOLING SYSTEM FAILURE)

The engine may overheat, lose power or even shut down suddenly.



6

## DRIVER FATIGUE AND HEAT STRESS

Heat and dehydration reduce concentration, reaction time and decision-making.



7

## OVERHEATED INTERIOR SURFACES (GREENHOUSE EFFECT)

Inside the vehicle can get extremely hot, increasing discomfort and health risks.



8

## DRIED BUGS AND MOSQUITO RESIDUES ON WINDSHIELD

They reduce visibility and increase glare, creating hazards.

