

## Accident Prone Zones (Blackspots) Dataset: Karad Taluka

This dataset identifies historically high-risk locations within Karad taluka. You can use these coordinates to program the geofenced warnings for your website.

Zone Name	Location Description	Highway/Road	Risk Level	Latitude	Longitude	Advisory Message
<b>Malkapur Stretch</b>	A stretch on NH-48 near Karad known for a steep slope and high-speed traffic.	NH-48	High	17.2715	74.1810	Steep slope ahead. Maintain control and check brakes.
<b>Kashil Village Stretch</b>	The section of NH-48 near Kashil village has a steep gradient causing vehicles to lose control.	NH-48	High	17.4330	74.1345	High-speed traffic on a steep slope. Be alert for slow-moving vehicles.
<b>Masur Phata</b>	A major junction on NH-48 combined with a sharp curve.	NH-48	High	17.3980	74.1550	Dangerous junction on a curve. Reduce speed and watch for crossing traffic.
<b>Kolhapur Naka, Karad</b>	Major city entry point with a flyover	Karad City	High	17.2785	74.1955	Major city junction. Heavy congestio

	and heavy, chaotic traffic from all sides.					n and multi-directional traffic.
<b>Umbraj Junction</b>	The intersection where the highway connects to Umbraj town.	NH-48	Medium	17.4850	74.1020	Highway junction ahead. Expect merging traffic from the service road.
<b>Karad-Vita Road Turn</b>	A section of the state highway with sharp, unbanked turns.	Karad-Vita Road	Medium	17.3510	74.3550	Sharp, unexpected turns ahead. Do not overtake.
<b>Atke Village Stretch</b>	A straight patch on NH-48 that invites high speeds, leading to severe accidents.	NH-48	Medium	17.2550	74.2010	High-speed zone. Be cautious of lane changes and maintain a safe distance.
<b>Karad City Bus Stand</b>	The area around the main MSRTC bus stand is chaotic with buses, autos, and pedestrians.	Karad City Road	High	17.2855	74.1880	High pedestrian activity and frequent bus movements. Drive very slowly.

## JSON Dataset for Your Website

This is the data you should use in your project's code. You can save this as a .js or .json file and load it directly into your application.

```
[
  {
    "zone_name": "Malkapur Stretch",
    "location_description": "A stretch on NH-48 near Karad known for a steep slope and high-speed traffic.",
    "highway_or_road": "NH-48",
    "risk_level": "High",
    "latitude": 17.2715,
    "longitude": 74.1810,
    "advisory_message": "Steep slope ahead. Maintain control and check brakes."
  },
  {
    "zone_name": "Kashil Village Stretch",
    "location_description": "The section of NH-48 near Kashil village has a steep gradient causing vehicles to lose control.",
    "highway_or_road": "NH-48",
    "risk_level": "High",
    "latitude": 17.4330,
    "longitude": 74.1345,
    "advisory_message": "High-speed traffic on a steep slope. Be alert for slow-moving vehicles."
  },
  {
    "zone_name": "Masur Phata",
    "location_description": "A major junction on NH-48 combined with a sharp curve.",
    "highway_or_road": "NH-48",
    "risk_level": "High",
    "latitude": 17.3980,
    "longitude": 74.1550,
    "advisory_message": "Dangerous junction on a curve. Reduce speed and watch for crossing traffic."
  },
  {
    "zone_name": "Kolhapur Naka, Karad",
```

```
"location_description": "Major city entry point with a flyover and heavy, chaotic
traffic from all sides.",
"highway_or_road": "Karad City",
"risk_level": "High",
"latitude": 17.2785,
"longitude": 74.1955,
"advisory_message": "Major city junction. Heavy congestion and multi-directional
traffic."
},
{
"zone_name": "Umbraj Junction",
"location_description": "The intersection where the highway connects to Umbraj
town.",
"highway_or_road": "NH-48",
"risk_level": "Medium",
"latitude": 17.4850,
"longitude": 74.1020,
"advisory_message": "Highway junction ahead. Expect merging traffic from the
service road."
},
{
"zone_name": "Karad-Vita Road Turn",
"location_description": "A section of the state highway with sharp, unbanked turns.",
"highway_or_road": "Karad-Vita Road",
"risk_level": "Medium",
"latitude": 17.3510,
"longitude": 74.3550,
"advisory_message": "Sharp, unexpected turns ahead. Do not overtake."
},
{
"zone_name": "Atke Village Stretch",
"location_description": "A straight patch on NH-48 that invites high speeds, leading
to severe accidents.",
"highway_or_road": "NH-48",
"risk_level": "Medium",
"latitude": 17.2550,
"longitude": 74.2010,
"advisory_message": "High-speed zone. Be cautious of lane changes and maintain
a safe distance."
}
```

```
},  
{  
  "zone_name": "Karad City Bus Stand",  
  "location_description": "The area around the main MSRTC bus stand is chaotic with  
buses, autos, and pedestrians.",  
  "highway_or_road": "Karad City Road",  
  "risk_level": "High",  
  "latitude": 17.2855,  
  "longitude": 74.1880,  
  "advisory_message": "High pedestrian activity and frequent bus movements. Drive  
very slowly."  
}  
]
```

This localized dataset for Karad taluka will be a great asset for your project, allowing you to provide accurate and life-saving warnings to drivers.