

YOUR MONSOON SAFETY GUIDE

SAFETY BEGINS
WHEN YOU ARE READY!



Section 1

Preface

Welcome to the Monsoon Safety Guide from MoveInSync. As we approach the rainy season, it becomes imperative to prioritize safety and ensure proper vehicle maintenance.

With years of experience ferrying employees to and from offices across India through countless monsoons, we wanted to share our experience in an easy to use guide for all employees who brave the rainy season.

This guide aims to provide dos and don'ts, and best practices to help you navigate the challenging conditions brought by the monsoon. In this guide, we provide valuable insights, practical tips, and essential precautions to help you confidently navigate the monsoon season.

By following these guidelines, we can minimize accidents, promote road safety, and make every journey in the monsoon a secure one.



Safety Guidelines for Driving During the Monsoon



With the arrival of the monsoon season, roads can become treacherous and navigating through them requires extra caution and preparation. Your safety is our priority.

To assist you in ensuring a safe journey, we have compiled a comprehensive list of guidelines. By following these guidelines, you can prioritize safety on the road and navigate the challenges of the monsoon season with confidence.

“The driver on highway is safe not when he reads the signs, but when he obeys them.”

- Aiden Tozer

Slow down

Reduce your speed and drive at a slower pace than usual. This will allow you to have better control over your vehicle and time to respond to unexpected situations.

Use headlights

Turn on your headlights to improve visibility for yourself and other drivers. Use low beams or fog lights in heavy rain or foggy conditions.

Keep a safe distance

Maintain a safe gap between your car and the one ahead. Wet roads increase stopping distances, so maintaining a safe distance will give you more time to react to sudden braking or any unforeseen situations.

Use windshield wipers and defogger

Ensure that your windshield wipers are in good condition and function properly. Use the appropriate speed setting for the intensity of rainfall. Use the defogger to prevent fogging on the inside of the windshield.

Avoid flooded areas

While they can be hard to avoid in the monsoon, experienced drivers steer clear of flooded roads or areas with fast-flowing water. It's challenging to judge the depth of the water, and even a relatively shallow flood can sweep a vehicle away. Turn around and find an alternate route.

Maintain your vehicle

Regular maintenance for cars during the monsoon is critical to ensure that tires have adequate tread depth and are properly inflated. Check the functioning of lights, brakes, and windshield wipers before the advent of the rains. Also, keep the windshield and windows clean for better visibility.

Avoid sudden braking or acceleration

Brake gently and smoothly to avoid skidding. Similarly, accelerate gradually to maintain traction and to prevent wheel spin.

Beware of aquaplaning

Aquaplaning occurs when a layer of water builds up between the tires and the road surface, causing a loss of traction. Avoid driving through stagnant water or large puddles; if you must, slow down and drive at a controlled speed without sudden steering inputs or braking.

Stay updated on road conditions

Your local authorities will issue advisories and warnings about road and weather conditions. Listen to traffic updates on the radio or use smartphone apps that provide real-time traffic information.

Stay calm and alert

Driving in heavy rainfall can be stressful, so it's important to stay calm and focused. Avoid distractions, such as mobile phones or other activities that divert your attention from the road.

Section **3**

What to Do: Things to Keep in Mind

With the arrival of the monsoon season, challenges such as downed powerlines and waterlogged areas can pose major hurdles for daily commutes. We understand the importance of being prepared for such situations.

We have compiled a list for you to refer to in case you find yourself stuck in a waterlogged area or come across a downed powerline. By following these tips, you can prioritize your safety and make informed decisions during your commute.



Section 3.1

If Your Car Touches a Downed Powerline



Stay inside the vehicle

Do not attempt to exit the vehicle if it comes into contact with a downed powerline. The vehicle acts as a barrier, providing a level of safety against electrical current.

Call for help

Call emergency services immediately. Inform them about the downed powerline and your situation. They will coordinate with the appropriate authorities to address the issue.

Avoid touching metal surfaces

Avoid touching door handles, the steering wheel, the gear shift, or any metal surfaces inside the car. Electrical current can travel through metal, so it's important to avoid contact with such surfaces.

Keep others away

Ensure that other passengers or bystanders stay away from the car. Warn them about the potential danger of electrical shock.

Wait for help

Stay inside the vehicle until help arrives and the powerline is deemed safe. Do not attempt to move the vehicle or disengage from the downed powerline by yourself.

If exiting becomes necessary

If you must exit the vehicle due to an immediate threat, such as fire, follow these steps:

Jump clear

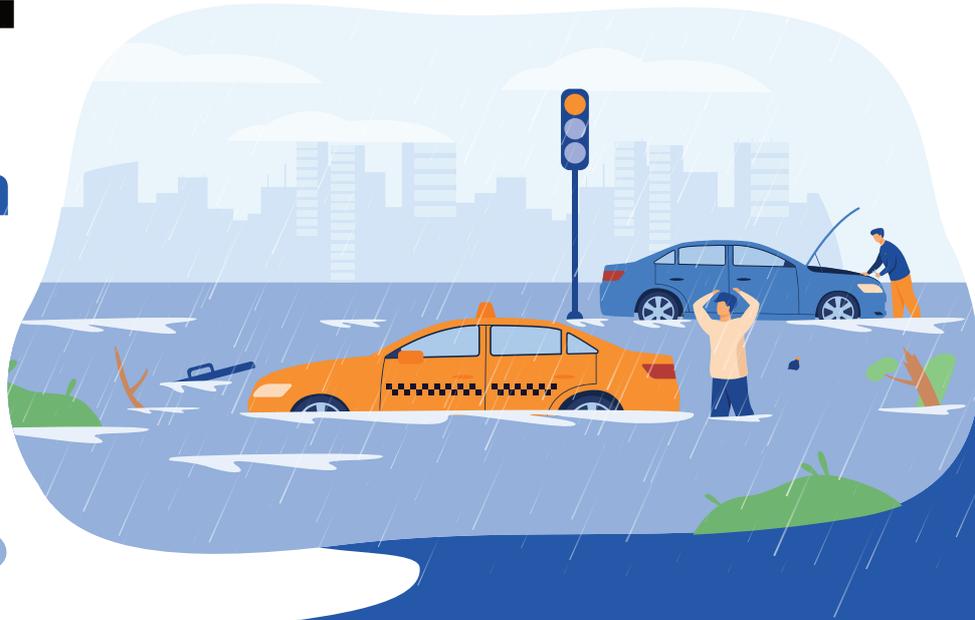
When jumping out, make sure you avoid touching the vehicle and the ground at the same time. Jump clear of the vehicle, and try to land with both feet together.

Shuffle away

Once on the ground, shuffle with your feet together instead of taking normal steps. This helps prevent a potential electrical current from passing through your body.

Section **3.2**

If Your Car Gets Stuck in Waterlogged Areas



Assess the situation

Evaluate the depth of the water and the condition of the surrounding area. If the water level is high or rising rapidly, it's best to stay inside the vehicle and call for assistance. If the water level is comparatively low, it is safe to proceed by turning off the engine. This will keep water from entering the exhaust system or causing any mechanical damage.

Check for safety hazards

Look around for any immediate safety hazards such as downed powerlines or other obstructions. Ensure it is safe to exit the vehicle and proceed with the next steps.

Do Not rev the engine

Avoid revving the engine or accelerating forcefully, as it can push the vehicle deeper into the mud or cause engine damage.

Exit the vehicle safely

If it is safe to do so, exit the vehicle through the doors and avoid contact with water. Keep an eye on the depth and flow of the water, and watch out for unseen hazards hidden beneath the water surface.

Assess traction

Check tire traction by accelerating gently. If you feel the tires spinning and not gaining traction, stop accelerating to prevent further damage.

Clear the area around the tires

Use a shovel or any available tools to clear mud, debris, or vegetation around the tires. This can improve traction and increase the chances of freeing the vehicle.

Section 4

Forecast Monitoring and Communication

During the monsoon season, it is crucial to stay informed about the changing weather conditions and potential hazards on the road. With real-time updates, forecasts, and warnings, you can proactively navigate through traffic, waterlogging, drainage issues, and other challenges.

By having access to this valuable information, you can make informed decisions, ensuring your safety and a smoother commute during the rainy season.



Across the Country

@Indiametdept

This is the Official Twitter handle of India Meteorological Department (IMD).

[#TwitterTag](#)



Mumbai

@MumbaiPolice

Mumbai Police provides real-time updates on traffic conditions, diversions, and road safety information in the city.

@mybmc

BMC shares updates on waterlogging, drainage issues, and other civic-related information during the monsoon season.

[#TwitterTag](#)



Pune

@PuneCityPolice

Pune Police provides real-time updates on traffic conditions, diversions, and road safety information in the city.

@PMCPune

Pune Municipal Corporation shares updates on water logging, drainage issues, and other civic-related information during the monsoon season.



@IMDPune

IMD Pune provides weather forecasts, warnings, and updates on rainfall in the region.

[#TwitterTag](#)



@PuneCityTraffic

Pune Traffic Police provides updates on traffic conditions, diversions, and road closures in the city.

[#TwitterTag](#)



Bengaluru

 **@BlrCityPolice**

Bengaluru City Police provides real-time updates on traffic conditions, diversions, and road safety information in the city.

 **@BBMPCOMM**

BBMP shares updates on waterlogging, drainage issues, and other civic-related information during the monsoon season.

[#TwitterTag](#)



 **@blrcitytraffic**

Bengaluru Traffic Police provides updates on traffic conditions, diversions, and road closures in the city.

 **@KarnatakaSNDMC**

KSNDMC shares weather forecasts, warnings, and updates on rainfall and flooding in Bengaluru and across Karnataka.

 **@bdabangalore**

BDA provides updates on road conditions, infrastructure projects, and any diversions due to rainfall or other factors.

[#TwitterTag](#)



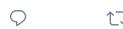
Hyderabad

 **@hydcitypolice**

Hyderabad City Police provides real-time updates on traffic conditions, diversions, and road safety information in the city.

 **@GHMCOOnline**

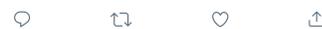
GHMC shares updates on waterlogging, drainage issues, and other civic-related information during the monsoon season.



 **@HYDTP**

Hyderabad Traffic Police provides updates on traffic conditions, diversions, and road closures in the city.

[#TwitterTag](#)



Chennai

 **@ChennaiTraffic**

Greater Chennai Traffic Police real-time updates on traffic conditions, diversions, and road safety information in the city.

 **@ChennaiRmc**

Regional Meteorological Centre Chennai weather forecasts, warnings, and updates on rainfall and flooding in Chennai

 **@chennaicorp**

Greater Chennai Corporation shares updates on waterlogging, drainage issues, and other civic-related information during the monsoon season.

[#TwitterTag](#)



Kolkata

 **@KPTrafficDept**

The Kolkata Traffic Police provides real time updates on traffic conditions, diversions, and road safety information in the city.

 **@kmc_kolkata**

The official twitter handle of the Kolkata Municipal Corporation who provides updates for the civic infrastructure and administration of Kolkata city.

[#TwitterTag](#)



Delhi

 **@dtptraffic**

The Delhi Traffic Police provides real time updates on traffic conditions, diversions, and road safety information in the city.

 **@RWFC_ND**

Regional Met Centre New Delhi provides weather forecasts for Delhi NCR

 **@MCD_Delhi**

Municipal Corporation of Delhi updates on waterlogging, drainage issues, and other civic-related information during the monsoon season.

[#TwitterTag](#)



Emergency Numbers



S.No	City	Helpline Type	Phone No.
1	Mumbai	Mumbai Traffic Police Helpline	8454999999
2	Mumbai	Brihanmumbai Municipal Corporation (BMC)	1916
3	Mumbai	Mumbai Fire Brigade	022-23085991
4	Mumbai	Mumbai Regional Transport Office (RTO)	022-24934214
5	Pune	Pune Traffic Police Helpline	020-26122000
6	Pune	Pune Municipal Corporation (PMC)	020-25501000
7	Pune	Pune Fire Brigade	020-25501422
8	Pune	Pune Regional Transport Office (RTO)	020-26122134
9	Pune	Pune District Collector's Office	020-26121188
10	Bengaluru	Bruhat Bengaluru Mahanagara Palike (BBMP)	080-22660000
11	Bengaluru	Karnataka State Disaster Management Authority (KSDMA)	080-22032479
12	Hyderabad	Hyderabad Traffic Police	9010203626
13	Hyderabad	Greater Hyderabad Municipal Corporation (GHMC)	040-21111111
14	Hyderabad	Telangana State Disaster Management Authority (TSDMA)	040-23456005



Emergency Numbers

S.No	City	Helpline Type	Phone No.
15	Chennai	Greater Chennai Corporation	044-25619300
16	Chennai	Ambulance of Fire Service Dept.	102, 108
17	Chennai	Commissioner of Police Greater Chennai	044-23452345
18	Chennai	Collector	044-25228025
19	Chennai	Disaster Helpline	1077
20	Kolkata	Kolkata Police	100
21	Kolkata	Traffic Control Room	033 2214-3644 / 2242-7248
22	Kolkata	Ambulance	108
23	Kolkata	Municipal Corporation	033 2286-1212 / 1313/1414
24	Kolkata	State Disaster Management Helpline	1070
25	Delhi	Police	100
26	Delhi	Traffic Control Room	011 25844444 / 1095
27	Delhi	Flood Helpline	011 24611210 / 24611108
28	Delhi	Ambulance	102

Section 6

Know Your City: Common Areas Affected by Rains



MUMBAI

Source:
<https://timesofindia.indiatimes.com/city/mumbai/wadala-matunga-most-flood-prone-govandi-lowest-on-livability-report/articleshow/90241478.cms>

PUNE



Sources:

<https://timesofindia.indiatimes.com/city/pune/commuters-demand-effective-steps-for-39-flood-prone-spots/articleshow/92687039.cms>

<https://www.punekarnews.in/26-flood-prone-areas-identified-in-pune-and-pimpri-chinchwad-84-villages-in-pune-district/>

BENGALURU



Source:

<https://www.timesnownews.com/bengaluru/bengaluru-has-226-flood-prone-areas-many-of-them-will-submerge-with-light-rain-disaster-authoritys-alarming-report-article-100514627>

HYDERABAD



Source:
<https://scroll.in/article/1033498/as-hyderabad-grapples-with-extreme-rainfall-and-floods-it-should-draft-a-long-term-mitigation-plan>

C H E N N A I



Sources:

<https://timesofindia.indiatimes.com/city/chennai/chennai-53-localities-are-flood-prone-but-little-is-done/articleshow/87771144.cms>

<https://www.thenewsminute.com/article/t-nagar-alwarpet-more-chennai-flood-map-shows-how-many-areas-were-unusually-flooded-157901>



KOLKATA

Sources:

<https://timesofindia.indiatimes.com/city/kolkata/east-kolkata-wetlands-only-hope-for-flood-prone-kolkata-study/articleshow/57472932.cms>

<https://timesofindia.indiatimes.com/city/kolkata/chronic-spots-flood-but-most-of-kolkata-stays-above-water/articleshow/86624792.cms>

DELHI



Sources:

<https://www.hindustantimes.com/delhi/these-50-spots-in-delhi-get-flooded-every-year-for-the-past-decade/story-IETyTPIbLdqqUaUbaGGK.html>

<https://www.livemint.com/news/india/delhi-flood-yamuna-flows-at-record-level-flood-like-situation-in-many-areas-see-full-list-of-affected-areas-here-11689218667538.html>



Monsoon Checklist for Car Maintenance

1. Check your tires:

Make sure your tires have sufficient tread depth and are properly inflated. This will help improve traction on wet roads. Consider switching to all-weather or rain tires if necessary.

2. Inspect wiper blades:

Check the condition of your wiper blades and replace them if they are worn out or leave streaks on the windshield. Good visibility is crucial during heavy rainfall.

3. Test the lighting system:

Verify that all your vehicle's lights, including headlights, taillights, brake lights, and turn signals, are functioning correctly. Replace faulty bulbs, if any.

4. Check the battery:

Monsoon weather can be tough on the battery. Have it tested to ensure it is in good condition. Clean any corrosion on the terminals and ensure they are tightly connected.

5. Examine the brakes:

Wet roads can increase stopping distances. Have your brake pads, rotors, and brake fluid checked to ensure optimal braking performance.

6. Clean & treat the exterior:

Make sure your tires have sufficient tread depth and are properly inflated. This will help improve traction on wet roads. Consider switching to all-weather or rain tires if necessary.

7. Check the electrical system:

Inspect the electrical components of your vehicle, including the ignition system, wiring, and fuses, to ensure they are in proper working order.

8. Test the defogging and defrosting systems:

Verify that your defoggers and defrosters are working effectively. These systems help keep your windshield and windows clear in humid conditions.

9. Inspect the suspension and steering:

Ensure that your suspension system and steering components are in good condition. Damaged or worn-out parts can affect handling and control during wet conditions.

10. Maintain fluid levels:

Check and top up all essential fluids, such as engine oil, coolant, brake fluid, and windshield washer fluid. Proper fluid levels contribute to the smooth operation of your vehicle.

11. Keep an emergency kit:

Prepare an emergency kit containing essential items such as a first aid kit, flashlight, spare tire, jack, tire iron, and reflective triangles. It's always better to be prepared for unexpected situations.

Name: _____

Sign: _____

Drive Safe!

As we conclude this safety guide to rainy car adventures, remember to prioritize safety on wet roads. Maintain your vehicle, embrace responsible driving, and breeze through the monsoon with confidence. Let each journey be an experience in secure travel and create cherished monsoon memories. Stay safe, stay inspired, and enjoy the wonders of the rain!

About MoveInSync

MoveInSync is the world's largest employee commute platform with a user base of over 500,000 employees across 300 clients in 30 countries. Headquartered in Bengaluru, India, MoveInSync has been a pioneer in the commuting space since 2009, offering reliable, safe, and sustainable commute solutions.

Disclaimer:
This is a manual set of guidelines, but safety requires more.
Drivers must be vigilant when driving on the road during the monsoon.

