

WINTER DRIVING ORIENTATION (WDO)











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- > Driver and Supervisor Responsibilities
- > Driver Attitude and Preparation
- Winterizing Cars
- _____
- Distracted Driving
- _____
- Winter Driving Video

(N/A until Facebook is accessible, again)





References (why WDO?):

- **▶** DoD Instruction 6055.04, DoD Traffic Safety Program
- ➤ AR 385-10, The Army Safety Program
- ➤ AR 600-55, Driver & Operator Standardization Program
- ➤ AE Reg 385-10, AE Safety Program Management plus many, many more ... AE Reg 385-55 ...

(Army & AE Regulations 350-series, Tech. Circular 21-305-series)

Executive Order 13513, 10ct2009: "Federal Leadership on Reducing Text Massaging while Driving"





National Highway Traffic Safety Association (NHTSA) Traffic Safety Facts 2015:

NHTSA Traffic Safety Facts 2015 / # of Fatalities

	Light Condition					
Weather Condition	Daylight	Dark but Lighted	Dark	Dawn or Dusk	Unknown	Total
Normal	13804	5275	7970	1269	67	28385
Rain	1016	521	819	100	8	2464
Snow/Sleet	251	39	141	30	4	465
Other	136	68	242	46	5	497
Unknown	101	16	144	4	90	355
Total	15308	5919	9316	1449	174	32166

More info at: https://www-fars.nhtsa.dot.gov/Crashes/CrashesTime.aspx

Source: U.S. DoT FARS (Fatality Analysis Reporting System)





U.S. Army Privately Owned Vehicle (POV) statistics, FY2017:

Grour	Accidents				
Accident Type Army Class		FY2017	FY2017 FY2016		
	A [*]	74	73	84	
DOM	В	8	14	7	
POV	С	225	395	462	
	Total A-C	307	482	553	

* Army Class A = fatality, permanent total disability, or \$ damage ≥ 2 million

Compared to 10 Army Motor Vehicle related Military Fatalities in FY17 (as of 10 October 2017, 04:00)



Driver and Supervisor Responsibilities



Look here for official road condition status: https://home.army.mil/roads/



ROAD CONDITIONS

Welcome!

The table below shows the current status for dispatching TMP vehicles and driving conditions for garrisons and sites. CLICK HERE FOR MORE INFORMATION ON ROAD CONDITIONS

TERMINOLOGY. The Weather Warnings section shows current and future weather advisories. Click on your site for additional information. Each garrison is responsible for updating TMP dispatch, driving conditions, status and weather conditions. For more information please contact your garrison Public Affairs Office.

Weather Warnings: CLICK HERE

USAG Ansbach

Site	Driving Conditions	Weather Conditions	Status	Last Updated
ANSBACH	NON-HAZARDOUS	High 47F / Low 33F / Cloudy	Normal Schedule	Nov 15, 2018, 5:20 AM
MKAB ROMANIA	NON-HAZARDOUS	High 47F Low 33F	Normal Schedule	Nov 15, 2018, 7:14 AM
NSTA BULGARIA	NON-HAZARDOUS	High 52°F / Low 45°F Mostly Cloudy	N/A	Nov 13, 2018, 7:34 AM

USAG Bavaria

Site	Driving Conditions	Weather Conditions	Status	Last Updated
GARMISCH	NON-HAZARDOUS	Cloudy: H 47F/ L 32F	Normal Operations	Nov 15, 2018, 9:18 AM
GRAFENWOEM ONE COMMUNITY ROAD HON-HAZARDOUS Clear: H 46F/L 35F Fog N/ Occasional Mist		One Community Road is OPEN Netzaberg Hill Road is OPEN	Noy 15, 2018, 9:23 AM	
GRAFENWOEHR/VILSECK NON-HAZARDOUS Clear: H 46F/ L 35F Fog w		Clear: H 46F/ L 35F Fog w/ Occasional Mist	Normal Operations	Nov 15, 2018, 9:19 AM
HOHENFELS	HAZARDOUS	Cloudy: H 43F/ L 37F	AMBER	Nov 15, 2018, 9:19 AM

USAG Benelux

Site Driving Conditions		Weather Conditions	Status	Last Updated	
BRUSSELS (NATO HQ)	NON-HAZARDOUS	H: 59 / L: 37; Partily Cloudy	Normal Operations	Nov 15, 2018, 3:16 AM	





GREEN:

- Unrestricted vehicle dispatches are authorized
- > Road condition, visibility, and temperature are ideal
- Drivers will observe normal precautions and speed limits





AMBER:

- > Road condition, temperature, and visibility are not ideal.
- ➤ Unit commanders (CPT and above), directors and primary staff (S-1, S-2, S-3, S-4) will authorize dispatches under amber conditions.
- Increased driving times, hazardous road conditions, and driver experience will be considered in dispatching vehicles.





RED

- > Only emergency missions are authorized. The dispatch record for mission essential vehicles will be marked "mission and emergency-essential."
- > Battalion level commanders, including Garrison commanders, will authorize dispatch of mission essential vehicles.
- > A risk assessment will be completed prior to dispatching a vehicle!





BLACK:

- > Only emergency-essential vehicle dispatches are authorized. The dispatch record for emergency vehicles (police, fire, ambulance, and emergency engineer) will be marked "emergency-essential."
- > Chiefs of appropriate offices (provost marshal, fire, medical activity, and directorate of public works) and brigade level commanders, including Garrison commanders, and above will authorize dispatch of emergency vehicles.
- > A risk assessment will be completed prior to dispatching a vehicle!



Sample of a Risk Assessment Form



Risk Assessment for NTVs at Road Condition (circle)		
Risikoanalyse fuer Dienstfahrzeuge bei Road Condition (einkreisen)	Amber Red	Black
Name of Operator/Name des Fahrers:		
Departure/Fahrbeginn: Date/Datum, Time/Uhrzeit:		
Route/Fahrstrecke: From/Von, To/Nach		
Type of Vehicle/Fahrzeugtyp:		
Operator/Fahrer:		
At fault traffic accidents within the past 2 years/Eigenverschuldete	Yes /Ja	10
Verkehrsunfaelle mit Dienstfahrzeugender innerhalb der letzen 2 Jahre?	No/Nein	0
Licensed/Besitz der Fahrlaubniss	- 1 Year/Jahr	10
	- 2 Years/Jahre	5
	> 2 Years/2 Jahre	0
Winter Driving Experience/Wintererfahrung	0 Winter	10
	1 Winter	5
	> 2 Winter	0
Driving experience with this or similar vehicle/Gefahrene Km mit	-3000 Km	10
diesem oder aehnl. Fahrzeug	-10000Km	5
	>10000 Km	0
Vehicle Information/Fahrzeug:		
Type of Tires/Reifenart	Summer/Sommer	10
	All-Weather/Allwetter	5
	Winter	0
Type of Vehicle/Fahrzeugart	Truck/Bus/LKW/Bus	10
	Pick-Up	5
	Sedan/Van/PKW	0
Type of Drive/Antriebsart	Rear/Heckantrieb	10
	Front/Frontantrieb	5
	4-WD/Allrad	0
Anti-blocking system (ABS)/Anti-Blockier System	No/Nein	5
	Yes /Ja	



Risk Assessment Form (cont.)



Route/Strecke				
Distance to Destination/Entfernung zum Zielort		> 100 KM	10	
		20 - 100 KM	5	
		-20 KM	0	
Weather Forecast/Wettervorhersage (COC 354-6213)				
Weather Trend/Wetterentwicklung		Worse /Verschlechterung	10	
		Same/ keine Veraenderung	5	
		Better /∀erbesserung	0	
Visibility/Sichtverhaeltnisse		Good/Gut (unbeeintraechtigt)	0	
		restricted (night, fog, etc.)	5	
		Schlecht (dunkel, neblig, etc.)		
Risk/Risiko		Result/Resultat:		0
low risk/geringes Risiko/ (0-25) medium risk/mittleres Risiko (30-	-50) I	high risk/hohes Risiko (> 50)		
Operators under the influence of medicine, drugs, and/or alco Fahrer die unter Drogen-, Medikamenten- oder Alkohleinfluss stehen	hol r n, due	nust not operate a vehicle! rfen kein Dienstfahrzeug fuehre	n!	
Additional risk reduction measures.				
Zusaetzliche Massnahmen um das Risiko zu minimieren.				
Name and simulation of annual income and the same in t		A		
Name and signature of supervisor/Name und Unterschrift des Vo	rgese	azen:		
The trip is mission/emergency essential and can not be postpo	oned.			
Die Fahrt ist dienstlich notwendig und kann nicht verschoben werder	Դ.			
Risk accepted, driver will be dispatched.				
Das Risiko wird akzeptiert, die Fahrt wird angeordnet. Yes/Ja		No/Nein 🗌		
Name and signature of director/Name und Unterschrift des Abteil	lungs	leiters:		



Road Condition Chart



Road Condition	Road Surface	Snow	Ice	Snow	Visibility Depth	Temperature
Green	Dry	(1) None (2) Blowing Powder	None	None	More than 50 meters	Above 35F (+2C)
Amber	Wet	*Packed *Slush	*Patches *Black ice *Slush	*Less than 4 inches	*Between 20 and 50 meters	30F (-1C) to 35F (+2C)
Red	*Flooded	*Drifting	*Sheet ice	*> 4"	*< 20 m	< 30F (-1C)
Black	*Heavy Flooding	*Heavy Drifting	*Extreme Sheet Ice	*> 8"	*< 15 m	< 10F (-12C)

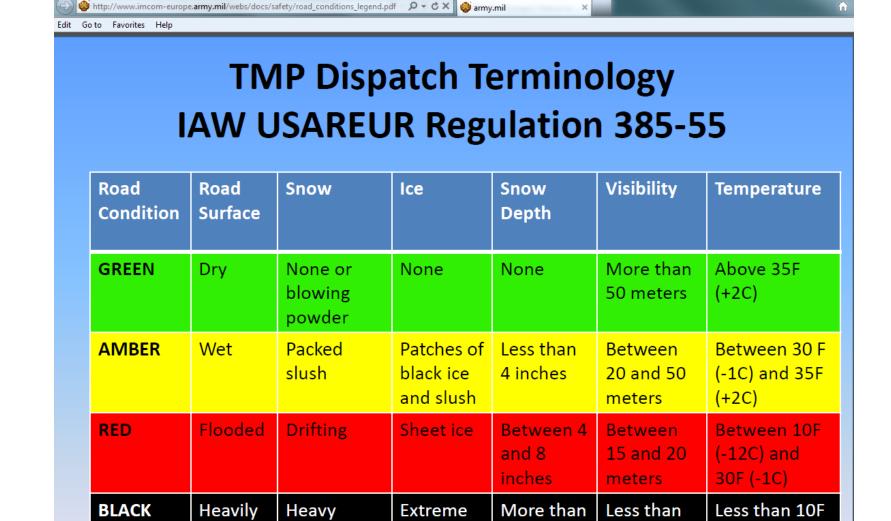
When <u>one or more</u> of the road condition factors <u>marked with an asterisk</u> are noted, then the corresponding road condition must be declared.

See AE Regulation 385-55, Prevention of Motor Vehicle Accidents, 13Feb2006, Appendix H, for more exact definitions.



Road Condition Chart





sheet ice

8 inches

15 meters

(-12C)

flooded

drifting





Note: Drivers of military vehicles transitioning through USAG Installations, that have declared Black or Red road conditions, shall consult their chain of command and re-evaluate the risk of continuing the mission.

Weather and road conditions will be part of all mission risk management decisions.



Driver and Supervisor Responsibilities



- Road conditions unsatisfactory: reconsider need for trip
- If the trip is essential, consider transportation other than an AMV or POV (if feasible).
- Driver: well rested / no alcoholic beverages 8 hours before and while driving.
- Driver and passengers will wear seatbelts.
- Driver: use techniques to compensate for other drivers and for weather and road conditions.

(excerpts from AE Regulation 385-55, Prevention of Motor Vehicle Accidents; Appendix D, Winter Driving Orientation)



WINTER DRIVING ORIENTATION



Driver Attitude and Preparation



Driver Attitude and Preparation



- > Drivers should refresh their memories about past winterdriving experiences.
- ➤ Get the feel for the road. Try <u>brakes</u> occasionally or gently depress the accelerator while driving. Rising temperatures increase the slipperiness of ice and snow. Drivers should adjust speed accordingly.
- ➤ Increase <u>following distance</u>. Winter surfaces require stopping distances 3 to 12 times longer than dry surfaces. (remember the <u>worst case</u>: icy roads with increasing temperatures at/or just above freezing = thin water layer on ice = extremely long braking distance)
- > See and be seen. Do not be a "peephole" driver. Make sure all lights and windows are clean.



WINTER DRIVING ORIENTATION



Winterizing Cars

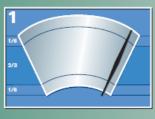


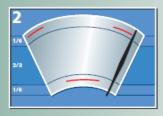
SEE & BE SEEN



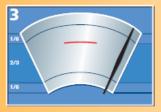
Windshield wipers: ok (1, 2); recommended to change (3,4,5); & highly recommended to change wipers (6,7,8) [Red marks indicate streaks on front windshield]

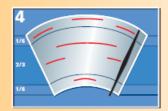
Keine Beanstandung, wenn:

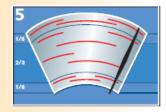




Neue Wischer empfehlenswert, wenn:







Neue Wischer zwingend erforderlich, wenn:







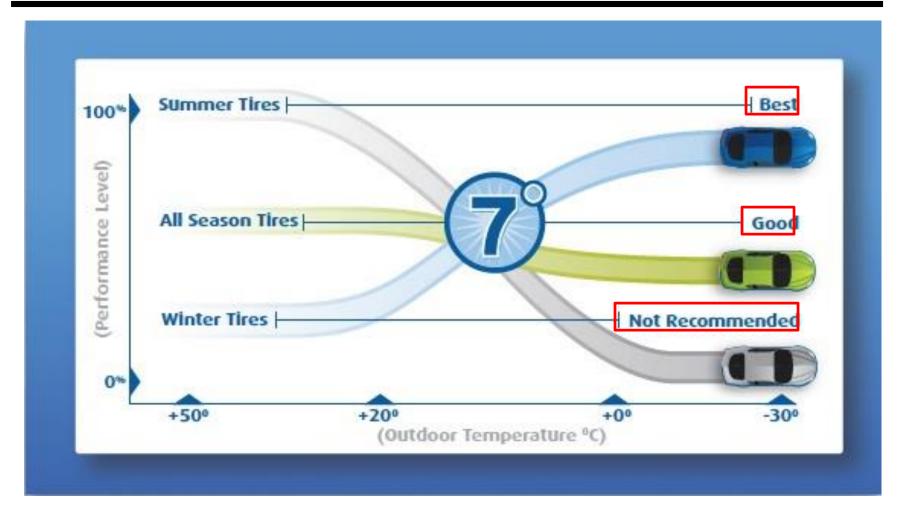
- 1 keine Streifenbildung auftritt
- 2 maximal 3 bleibende Streifen im äußeren Sichtfeld auftreten
- 3 maximal 1 bleibender Streifen im zentralen Sichtfeld auftritt
- 4 maximal 4 bleibende Streifen im äußeren Sichtfeld oder maximal 12 nicht bleibende Streifen im gesamten Sichtfeld auftreten
- 5 maximal 6 bleibende Streifen im äußeren Sichtfeld oder viele bleibende / nicht bleibende Streifen gleichmäßig verteilt auftreten
- 6 bleibende Wasserflächen in allen Bereichen auftreten
- 7 Schleierbildung auftritt
- 8 Rattermarken auftreten

27



Which tires for which temperature ranges





7° Celsius ≈ 45° Fahrenheit

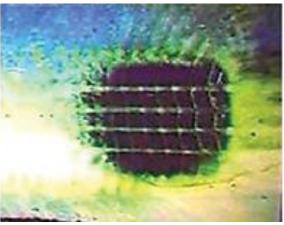
Summer tires best > 45F / All Season = compromise / Winter tires < 45F

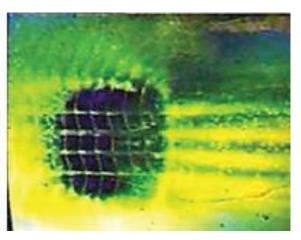


Hydroplaning









Losing its grip

These photos from beneath a moving tire show how even new tread is likelier to hydroplane as speed increases. At 20 mph (left), tread has full contact with the road surface. Hydroplaning begins at 40 mph (center) and gets worse by 60 mph (right). Shallow tread grooves increase the risk of hydroplaning.

Pay attention to these traffic signs:





This is a supplemental sign which you see in conjunction with a speed limit sign, only.

"Bei Nässe" = When wet





> Tires.

- Winter tires mounted before the first snowfall/icy roads
- Unevenly worn tires may result in skids.
- > Each tire must have an even tread of the required amount.
 - ➤ 1.6 mm vs. 4 mm respectively
 - > 1/16" vs. 5/32" // legal minimum vs. performance based minimum
- Tires must be inflated to the proper pressure; low pressure may increase the tendency of the vehicle to skid or slide.
 - > Rule of thumb: drop of 10 degrees Fahrenheit = 1 psi less in tire pressure
 - Check inflation at least monthly, better weekly (cold tire!)
- Brakes. properly adjusted and inspected







The following sentence was inserted into the German Traffic Ordinance:

"Equipment of vehicles must be **adjusted to the weather condition**. This includes adequate Tires (Winter Tires or All Season Tires) and antifreeze in the Windshield Wiper Tank."

- situation-based requirement
- M&S vs. tri-peak-mountain/snowflake symbol, also called Alpine symbol (in Europe)

Most current change in German Traffic Ordinance as of 2017:

Tires manufactured after 2017 must have alpine symbol to be accepted as winter tire. M&S tires manufactured before 2018: still acceptable as winter tires until end of September 2024.

Remember the DOT information? i.e., 2916 = week # 29 in 2016

("tire language") 0718 = week # 7 in 2018





Adequate tires for the road situation (snow, ice, etc.)!

Definition: It does not mean that you shall equip your vehicle with winter tires [M&S, and/or &]. A set of new summer tires or all season tires might be adequate. Of course, it depends upon where you plan to go to, and present or forecasted weather conditions. If your vehicle is not equipped with winter tires (minimum: M&S, better: 🖄) and the road is covered with snow and/or ice, you shall not operate your **vehicle** but use alternative transportation. If you endanger other road users, cause a traffic jam or an accident due to inadequate tires (summer tires) you'll be held liable and will be fined – even worse in case of an accident.

0€ vs 60€/100€/120€ + 1 traffic point assessed!

endangerment / jam / accident





Our "road condition system" (green/amber/red/black) is a good indicator for when to park the private vehicle, too.

Recommendation, only; this is not a card blanche to not go to work – check with leadership/management, first.

Violators (inadequate tires/reduced sight due to frozen windshield washer fluid/no tire chains where required by signs & conditions) will be fined and your vehicle insurance













VS.





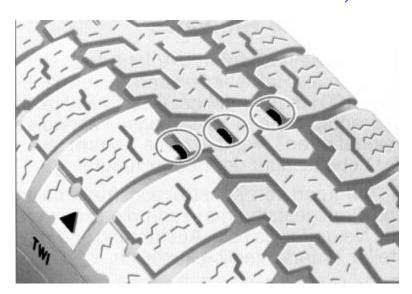
Date of tire manufacture, for example: 0404 = week 4 of 2004 // 2709 = week 27 in 2009





Tread Wear Indicators (TWI) are elevated rubber markers within the tire grooves:

"Regular" TWI at 1.6 mm / 1/16"; = minimum legal tread depth / these regular TWIs can be found on summer, all-season/all-weather, and on winter tires.

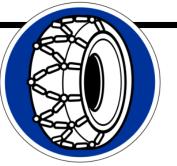




Winter tire: additional set of TWIs at 4 mm – 5/32" (performance-based minimum) Usually these winter TWIs are marked on tire sidewall (by snow crystal or similar indicator)





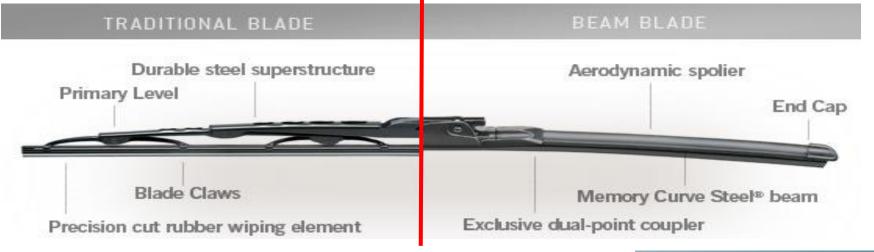




- > Tire Chains.
 - (1) Tire chains offer increased traction, reduced stopping distance, & more protection from skids than any other device. Note max. authorized speed: 50 kph or 30 mph (2) Life and performance of tire chains are improved by proper application. Twice the mileage may be obtained by applying them snugly according to mounting instructions.
- ➤ Windshield Wipers. Wiper blades should operate with enough pressure to remove rain, sleet, and snow from the windshield without streaking. The windshield spray bottle should be full and shall be protected from freezing.











Sample websites:

US: http://www.tricoproducts.com/Drivers/UnderstandingWipers/Wipers101

Germany: http://www.gtue.de/sixcms/media.php/374/licht-sicht-ratgeber_2011-07.pdf



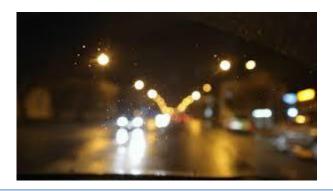


- ➤ **Heater and Defroster.** This equipment must be able to keep the windshield and windows clear.
- ➤ Muffler/Exhaust System. This system must be free from leaks to protect against carbon monoxide (CO) poisoning. Running vehicle engines in confined spaces or sitting in closed, parked cars with the engine running can be fatal.

Remember: CO is color- and odorless!!!

➤ Windshield. No cracks or chippings in the field of vision, no sand-blast effect (causing glare)









- Antifreeze. The cooling system may require flushing, all connections tightened, and antifreeze added. The radiator and hoses should be checked for leaks. Also: check windshield washer fluid reservoir/add sufficient antifreeze in time.
- ➤ Winter Tune-up. A winter tune-up may be essential for coldweather starting and preventing stalls of older cars — modern cars have electronic components which don't require tune-ups.
- ➤ **Battery.** The battery must be in good condition (properly charged, cells filled, terminals clean and tight, free from cracks and corrosion, no "crystal build-up" on terminals).









CHECK YOUR VEHICLE



- **BATTERY**
- **ANTIFREEZE**
- **WIPERS & FLUID**
- **REPORT OF THE PROPERTY OF THE**
 - **THERMOSTAT**
 - **ALIGHTS**
- ♠ ALL SEASON (M&S)
 OR WINTER TIRES



- *** HAZARD LIGHTS**
- **EXHAUST SYSTEM**
 - **#** HEATER
 - **BRAKES**
 - **DEFROSTER**
 - OIL LEVEL
 - **TRANSMISSION**



WINTER CAR KIT



- WARNING TRIANGLE
- WINDSHIELD WASHER FLUID
- REFLECTIVE SAFETY VEST
- FIRST AID KIT
- SNOW BRUSH W/ SCRAPER
- FLASHLIGHT W/ BATTERIES
- BLANKET
- **■** MITTENS, SOCKS & HAT
- SMALL SHOVEL
- SACK OF SAND OR KITTY LITTER
- JUMPER CABLES





WINTER CAR KIT



- WARNING TRIANGLE *
- WINDSHIELD WASHER FLUID *
- REFLECTIVE SAFETY VEST *
- First Aid Kit *
- * = mandatory items (legally required in Germany, besides proper tires)
- SNOW BRUSH W/ SCRAPER
- FLASHLIGHT W/ BATTERIES
- BLANKET
- MITTENS, SOCKS & HAT
- SMALL SHOVEL
- SACK OF SAND OR KITTY LITTER
- JUMPER CABLES











More tire info



Some exemplary websites for more information about winter tires:

https://www.tirerack.com/winter/tech/index.jsp

http://www.consumerreports.org - look for 'winter tires'

https://www.adac.de/infotestrat/reifen/winterreifen/default.aspx



"In 1999, The U.S. Rubber Manufacturers Association (RMA) and the Rubber Association of Canada (RAC) agreed on a performance based standard to identify passenger and light truck tires that attain a traction index equal to, or greater than 110 (compared to a reference tire which is rated 100) during the specified Materials traction tests on packed snow. The new standard helps ensure that drivers can easily identify tires that provide a higher level of snow traction." (Source: ASTM Standards F1805 [vehicle] and E1136 [test tire])







	900	900	de Hon	49 X4	esis He	Or O	4	Reel	8 35 V	Sp. de V	Sol to	436	Ser. 79.8	Ser Tree	Miles Reported
Passenger All-Season															
Goodyear Assurance TripleTred All- Season	1	100%	6.5	8.8	8.9	8.6	9.0	8.6	8.0	7.1	6.7	7.5	6.4	7.9	4,403,059
Goodyear Assurance ComforTred	2	97%	6.8	8.0	8.0	7.9	8.6	7.8	7.2	6.6	6.5	8.6	8.6	7.5	20,300,494
Michelin Energy Saver A/S	3	89%	6.1	7.6	7.4	7.7	8.4	8.1	5.8	4.7	4.8	8.3	7.8	8.1	2,596,719
Goodyear Assurance Fuel Max	4	84%	4.7	7.2	7.2	7.1	8.0	7.2	6.2	5.4	5.0	7.2	6.6	6.9	3,777,680
Firestone FR710	5	84%	5.0	6.8	6.7	7.4	8.0	7.6	6.0	5.2	4.6	7.5	6.8	7.2	4,781,449
Yokohama AVID S34F	6	81%	4.4	5.9	6.2	7.2	6.8	7.4	6.2	5.5	5.3	6.9	6.2	7.9	235,830
Michelin Energy LX4	7	80%	4.5	6.4	6.6	7.2	7.7	7.4	5.5	4.8	4.8	7.4	6.8	5.5	16,931,718
Bridgestone Insignia SE200	8	70%	4.0	5.6	5.8	6.1	7.0	6.3	4.7	3.8	3.9	6.6	6.3	5.8	6,156,656
Yokohama AVID S34D	9	70%	2.0	5.9	6.3	7.9	7.9	7.9	4.9	3.7	3.5	5.8	4.1	3.8	350,560
Goodyear Integrity	10	64%	3.0	4.7	4.9	5.4	6.5	5.8	4.3	3.7	3.5	6.4	6.0	5.5	58,602,948
Dunlop SP31 A/S	11	58%	1.8	5.1	5.2	5.8	6.7	6.0	3.5	2.5	2.5	5.1	4.7	4.0	3,739,696
Yokohama AVID S33	12	55%	0.8	3.8	2.7	5.3	6.4	6.5	2.3	1.4	1.9	6.6	7.1	4.3	319,600

Color Key

categories.

Info based on consumers completing Tire Rack's online survey "10" is the highest. See key below or read detailed descriptions of survey

Tire Performance Ratings:

Superior 8.6-10

Excellent 6.6-8.5

Good 4.6-6.5

Fair 2.6-4.5

Unacceptable 0-2.5

Would buy again? Definitely 8.6-10

Probably 6.6-8.5

Possibly 4.6-6.5

Probably Not 2.6-4.5

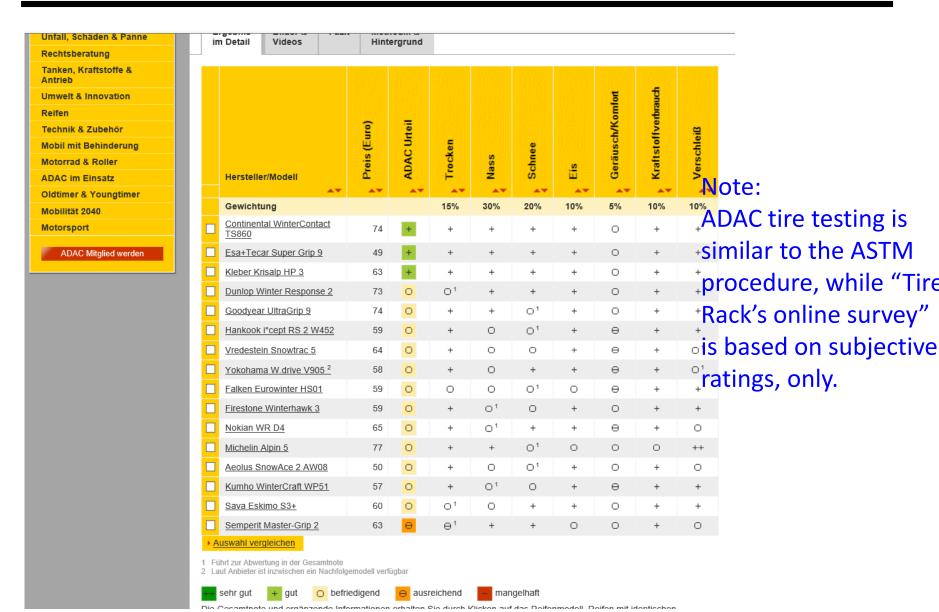
Definitely Not 0-2.5



https://www.adac.de/infotestrat/tests/reifen/winterreifen/2017 winterreifen 195 65 r15.aspx



Sample of a German ADAC Tire Test 2017





SUMMARY-Remember these Winter Tips:



- Winter tires are worth it
- In traction we trust
- Never forget the pressure
- Tread depth matters
- Extra room & don't tailgate
- Remain a smooth operator



SUMMARY-Remember these Winter Tips*:

* Thanks to a creative mind at "Tire Rack"



• Winter tires are worth it







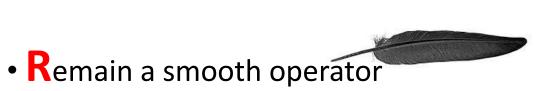


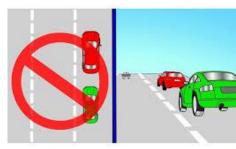
• In traction we trust



• Never forget the pressure Check at least monthly

- Tread depth matters Legal vs. Recommended min. tread depth
- Extra Room & don't tailgate







SUMMARY-Remember these Winter Tips:



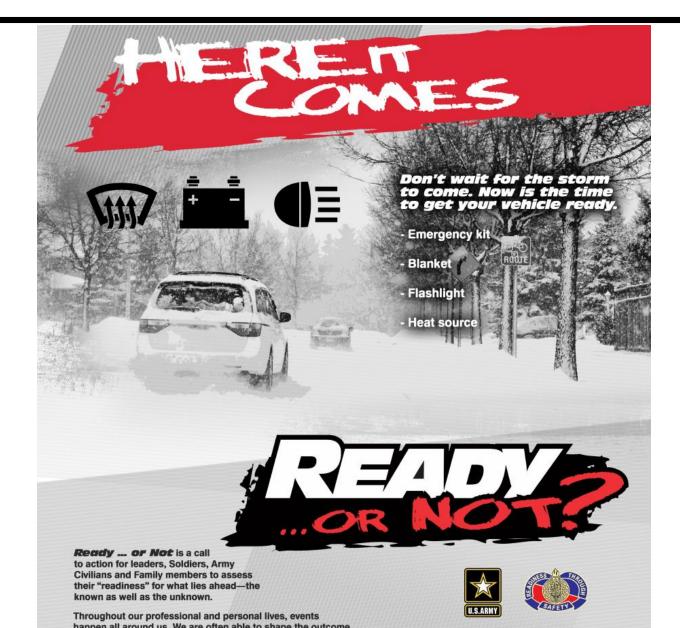
Sample safety poster; more at US Army Safety Center (CRC)





SUMMARY-Remember these Winter Tips:









- > Distractions now join alcohol and speeding as leading factors in fatal and serious injury crashes.
- Hands-free devices offer no safety benefit when driving.
- Hands-free devices do not eliminate cognitive distraction.

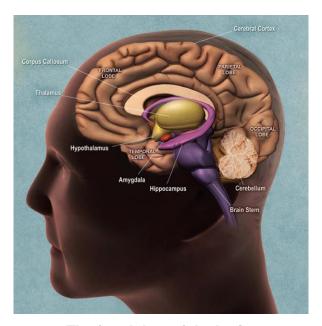


Figure 1. Inattention blindness and encoding. Source: National Safety Council





- Driving while talking on cell phones handheld and handsfree – increases risk of injury and property damage crashes fourfold.
- > Drivers believe their own crash risk is lower than other drivers.



The four lobes of the brain.

Source: National Institutes of Health

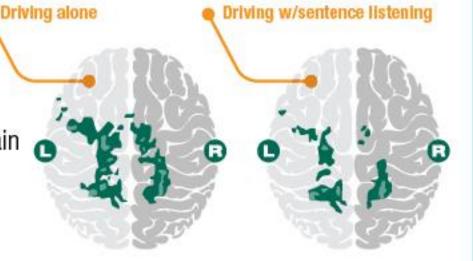




MULTI-TASKING: THE BIG FAT MYTH

The brain quickly toggles between tasks – but can't do two things at the same time.

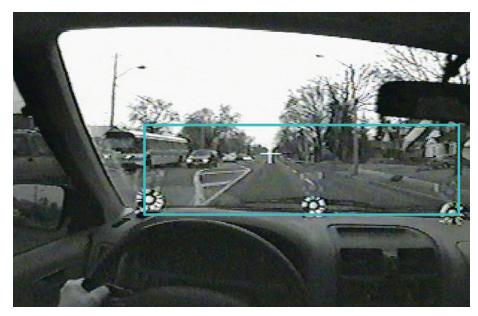
The activity in the area of the brain that processes moving images decreases by up to 1/3 when listening to talking on a phone.





Driver Distraction/Field of Vision





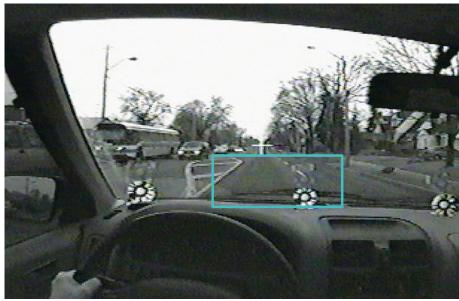


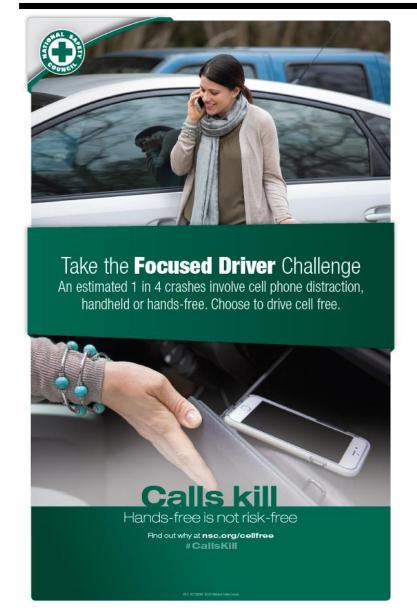
Figure 4. Where drivers not using a hands-free cell phone looked.

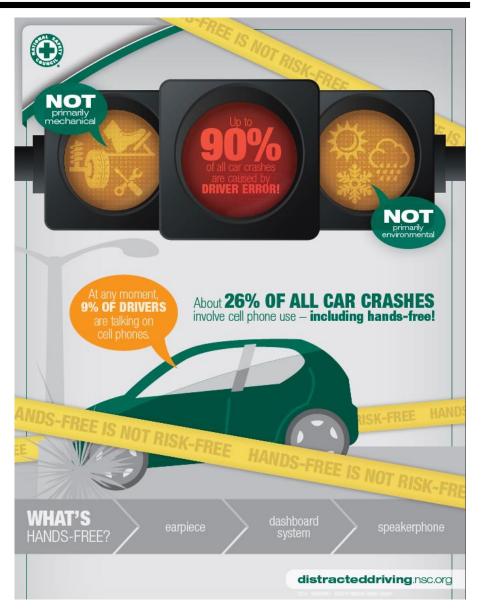
Source: Transport Canada

Figure 5. Where drivers using a hands-free cell phone looked. Source: Transport Canada











SUMMARY



Questions?



If you see this sign you're in Canada!





Winter Driving Safety V.

https://www.youtube watch?v=TZQXuWzBC18

Note: try Mozilla F. m MS Internet Explorer doesn't work

Disregard as long as 'youtube' is not accessible



Final comment:

for those who attended the 2017townhall – remember "boot eats high heel"?

I have an add-on to it:

When you're driving and the road is icy or snow covered, and you're torn between "slow down/adjust to road conditions" and "time pressure/I must make it in time to that meeting/appointment, or start of work": use an improvised acoustical picture, like that old Beatles song "All you need is love", just replace 'love' with 'grip', and sing the song:

ou need is grip, dabadabadu, all you need is grip, grip, ... grip is all you need ..."

And I bet you this song and the reminder of the 'heel-hungry-boot' will help you to slow down ...