

TMSC 2023

Motorcycle Safety – It's No Joke



MOTORCYCLE CRASHES: CAUSES AND CONTRIBUTING FACTORS.

Carl (CJ) Meaux

SAFETY GEAR



HE'S READY FOR AN EMERGENCY





HMM???



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INFLATABLE JACKETS

AIRBAGS



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MOTORCYCLE DEATHS



APRIL 1, 2023

MOTORCYCLE DEATHS

A total of 5,579 motorcyclists died in crashes in 2020. That is the highest number recorded and an 11 percent increase from 2019. Motorcycle deaths accounted for 14 percent of all motor vehicle crash deaths in 2020 and were more than double the number of motorcyclist deaths in 1997.

LEADING CAUSE OF SINGLE MOTORCYCLE CRASHES WAS IMPAIRMENT

In 2019, of all the fatal crashes reported involving alcohol impairment, motorcycles was the largest at 29%. Passenger vehicle fatal crashes accounted for 20% and light trucks accounted for 19%. Heavy trucks, alcohol impairment accounted for 2% of all fatal crashes.

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ALCOHOL AND THE MOTORCYCLE 2020

Person type	Total killed	Alcohol-impaired crash fatalities (1)	
		Number	Percent of total killed
Vehicle occupants			
Driver	19,519	6,756	35%
Passenger	5,966	1,866	31
Unknown occupant	51	3	7
Total	25,536	8,626	34%
Motorcyclists	5,579	1,803	32%
Nonoccupants			
Pedestrian	6,516	1,048	16
Pedalcyclist	938	126	13
Other/unknown	255	51	20
Total	7,709	1,225	16%
Total	38,824	11,654	30%

EFFECTS OF ALCOHOL

†

Number of drinks	BAC	Effect
1-2	Up to 0.05	The person feels relaxed, less inhibited, with a slower reaction time and reduced alertness.
3-4	0.05 to 0.10	Fine motor skills, reaction time, and judgment are reduced.
5-7	0.10-0.15	Vision, perception, reaction times, and judgment are affected; the person may become argumentative or emotionally irrational.
8-10	0.15-0.30	The person may stagger, speech become slurred, and vision blurred. Motor skills are severely affected, and the person may vomit or feel nauseated.
Over 10	0.30 and above	The person may lose consciousness or be conscious but unaware of what is happening. Breathing rate is slow.



OPERATOR HAD A BAC .20



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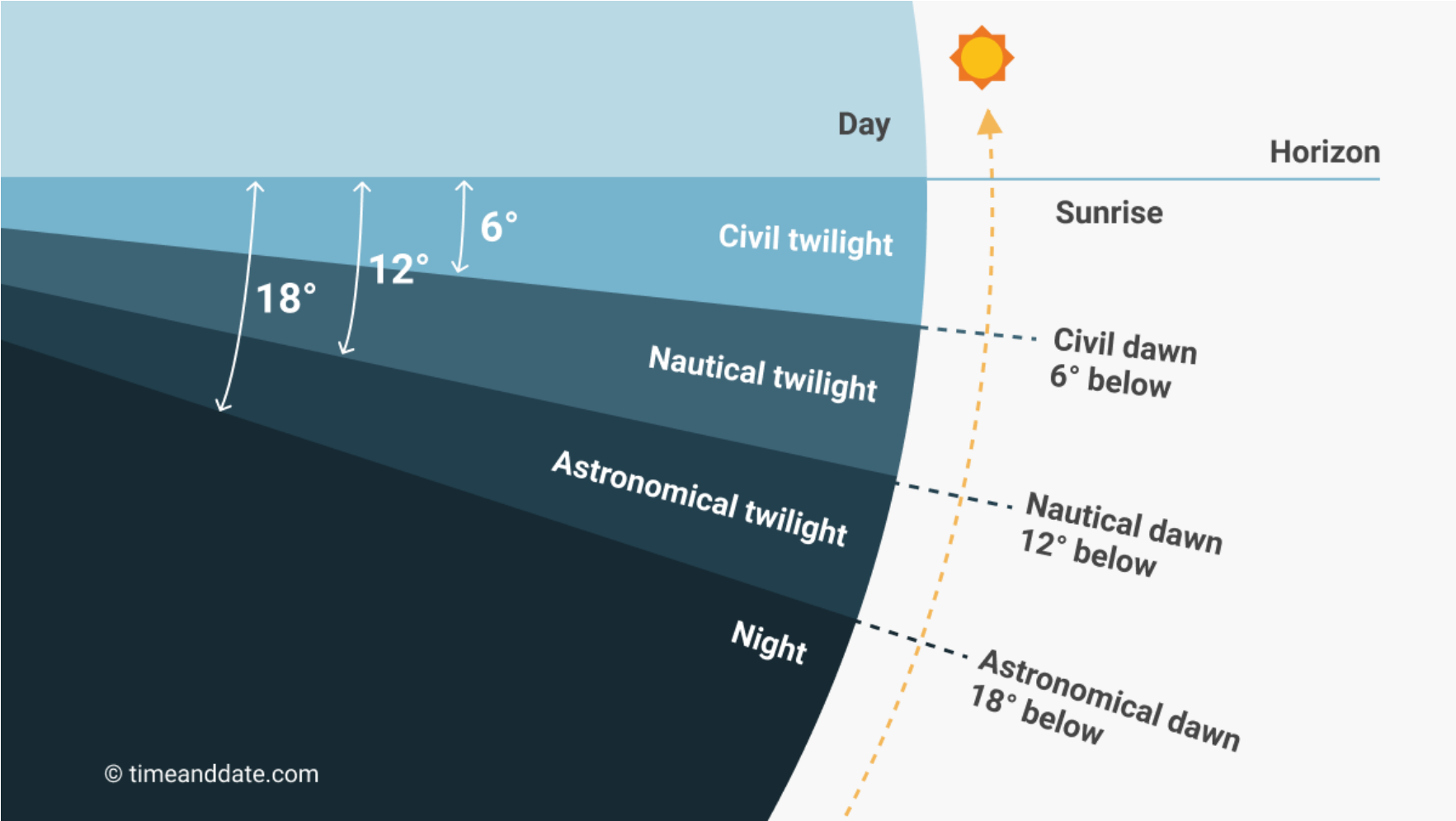


LIGHTING AND BEING SEEN

CIVIL TWILIGHT



CIVIL TWILIGHT



GLARE





MOTORCYCLES WITH DARK LENS











GROUND EFFECT LIGHTING



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YOU BLEND IN WITH THE BACKGROUND



THAT ONE LIGHT IS NOT VERY VISIBLE



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SPEED AND CARELESSNESS









RIDER AT FAULT – EXCESSIVE SPEED





**RIDER AT FAULT – EXCESSIVE SPEED
CRASHED INTO ANOTHER RIDER TRAVELLING
IN THE OPPOSITE DIRECTION**

156 – 171 MPH



94 MPH IN A POSTED 45 MPH ZONE







DRIVER FAILED TO SEE THE TRIKE

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SUMMARY/CONCLUSIONS

It's your road. Others can ride it with you, but no one can ride it for you.

Safe travels

Add subtitle if needed

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THANK YOU!

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