



Roxsand



Weather Effects on Concrete

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Weather significantly affects the process and quality of placing concrete, influencing its setting, curing, and overall strength. Temperature, humidity, and precipitation are the primary weather factors that concrete teams need to consider daily before pouring.

In hot weather, high temperatures can cause rapid evaporation of moisture from the surface of freshly placed concrete, leading to a condition known as “Plastic Shrinkage Cracking”. This occurs before the concrete has “set” and can compromise the integrity of the structure. To mitigate effects of hot weather concrete placement, it is essential to try and keep the concrete cool. Adding things like shading, windbreaks, and surface retarding admixtures can help.

Conversely, cold weather can delay the setting time, making it difficult for concrete to gain strength. When temperatures drop below 50 degrees, the hydration process slows significantly. Fresh concrete is susceptible to freezing, which can cause significant damage to the structure.

At the end of the day, concrete is a perishable product that has its own challenges when placing and finishing, but it is vital to the construction industry and is the number one most used construction product in the world.

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NSSGA

NATIONAL STONE, SAND
& GRAVEL ASSOCIATION

NSSGA Safety Month

This month, the NSSGA will be providing resources and media to share safety content that is important to the industry. Week one started with CPR information, followed by heat precautions, then information on how to use the data collected, ending with mental health. June will then be PTSD



South Dakota Move Over Law

South Dakota's updated Move Over Law, effective July 1, 2025, requires drivers to slow down and move over for any vehicle on the shoulder using amber, yellow, or blue warning lights—including slow-moving maintenance or emergency vehicles—to ensure the safety of roadside workers.

awareness month. From guides, to classes, to podcasts, check out the link below for helpful information for Safety Month.

[Find More Info Here](#)

The law outlines specific actions depending on the type of roadway to help protect those working near traffic.

[Find More Info Here](#)

Milestone Anniversaries

Chris Klein - Sioux Falls
Arlene Hatle - Myrl & Roy's

Greg Nordquist - Myrl & Roy's
Sean Sullivent - West Farm Shop

Birthdays This Week

Tyler Tebben - Brookings
Chad Lueders - Dell Rapids East
Garrett Hoff - Dell Rapids East
Justin Lebahn - Sioux Falls
June Stahl - Dell Rapids East
Steven Berven - Myrl & Roy's
Misael Macedo - 88th Transload
Collin Klapperich - Dell Rapids West
Zander Boswell - Ortonville
Samuel Covarrubias - Ragsdale
Mylene Bangasser - Sioux Falls
Daryl Jones - Nelson
Jacob Dafoe - East Sioux Quarry
Tanner Gassman - Myrl & Roy's
Richard Kyles - Myrl & Roy's
Daniil Isaev - Ace Ready Mix
Jesus Moncayo Salgado - Firestone



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