StayDry® Provides Guidance on Foundation Repair as Michigan Enters Summer Storm Season

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ELSIE, MI - June 25, 2026 -
StayDry® has shared details on foundation repair for Michigan homes as summer storm season increases the likelihood of heavy rainfall, thunderstorms, and saturated soil conditions throughout the state. Michigan summers often bring intense downpours and periods of prolonged rain that can rapidly elevate hydrostatic pressure against basement walls, heightening risks for cracks, bowing, and water intrusion.

These seasonal weather patterns place additional stress on residential foundations. Saturated soil expands and exerts lateral force, which can worsen existing issues or lead to new structural concerns in homes across the region. Information on common repair and waterproofing approaches helps homeowners understand options for addressing these challenges during periods of elevated precipitation.

Foundation repair for homes targets a variety of problems stemming from the state's climate and soil characteristics. Techniques include polyurethane crack injection, which involves preparing the crack surface, drilling entry points at a 45-degree angle, and injecting material under high pressure. The material expands to fill the entire void, creating a seal against water from the exterior to the interior. This method suits cracks that permit moisture without signs of major structural shifting or buckling.

For walls experiencing bowing or bulging due to soil pressure, stabilization systems provide reinforcement. Composite reinforcement options, such as those utilizing the Fortress InvisiBeam system, apply to minor, moderate, or severe cases. Steel brace installations, including the StayWall technique, secure I-beams to floor joists, either bolted or set beneath the concrete floor, offering support with minimal basement obstruction in moderate to severe situations. In cases of extensive damage, partial or complete wall rebuilds focus on individual affected walls after assessment to identify and address root causes, helping prevent recurrence.

All foundation repair projects typically begin with a free assessment by consultants to map problems and present tailored options. The process draws on team expertise to ensure repairs match site-specific conditions, including those influenced by summer storms.

Basement waterproofing complements foundation repair by managing water at its source. Interior and exterior systems often incorporate French drain installations, sump pump systems, and drainage boards to redirect groundwater away from foundations and reduce hydrostatic pressure. These approaches prove particularly relevant during Michigan summer storms, when heavy rain can overwhelm basic drainage and lead to intrusion. Waterproofing systems generally use flexible membranes, such as rubberized asphalt or polymer-modified bitumen, along with additional layers for comprehensive protection.

Related services support overall moisture management. Crawl space encapsulation reduces humidity and mold risks, while mold remediation addresses secondary effects of water intrusion. Egress window installations can improve safety and ventilation. Together, these services help maintain dry, stable basements amid seasonal weather variations.

Common signs of foundation concerns that may become evident after summer storms include water seepage, new or expanding cracks wider than one-quarter inch, horizontal or stair-step cracking patterns, musty odors, efflorescence on walls, and difficulties opening doors or windows. Vertical cracks frequently result from normal settling, whereas horizontal ones may signal lateral soil pressure from saturation. Hairline cracks under one-eighth inch can appear during concrete curing and warrant monitoring if they allow moisture. Preventive practices, such as maintaining proper exterior grading to direct water away from the foundation, clearing gutters, and extending downspouts at least six feet, help minimize risks during stormy periods.

StayDry® operates as a family-owned business founded in 2005 in Lansing, Michigan, with headquarters in Elsie, Michigan. The team possesses over 100 years of combined experience in basement waterproofing, foundation repair, crawl space repair, and mold control. The company has supported over 15,000 homeowners across Michigan, serving communities including Metro-Detroit, Grand Rapids, Ann Arbor, Kalamazoo, Lansing, and many other areas, as well as portions of northern Ohio and northern Indiana.

StayDry® maintains memberships in the National Association of Home Builders, the Home Builders Association, and the Better Business Bureau. It holds designation as a Fortress Platinum Contractor for select stabilization systems.

David Brown, founder of StayDry®, stated, "Michigan's summer storms can put added stress on home foundations, especially when heavy rainfall leads to shifting soil and excess moisture around the structure. With more than 30 years of experience in foundation repair and basement waterproofing, we've seen how early identification and repairs can help homeowners avoid more serious structural issues down the road."

D.R. Brown, who manages day-to-day operations and participates in field activities, added, "Coordination of foundation repair and basement waterproofing work addresses how heavy rains and saturated soil affect structures during summer. The process matches solutions to individual site needs for effective management of moisture and long-term stability."

This information from StayDry® contributes to homeowner awareness of foundation repair and basement waterproofing practices suited to Michigan's summer storm season. Details on common issues, techniques, and supporting services provide factual context for understanding approaches to seasonal foundation challenges.

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