Overview

A weak trough of low pressure will pass through the region today (Tuesday) producing a few stray showers of limited significance. The next chance for precipitation is unlikely before Sunday and Monday of next week and it, too, will not generate enough rain to seriously impact farming activity.

The anticipated weather pattern is also unlikely to bring significant shots of cold air into the region and that should translate into a mild temperature regime. As World Weather, Inc. stated in previous forecasts, the odds disfavor significant frost or freezes before the end of this month and they are far more likely later in October. Weather patterns in the next ten days to two weeks will produce a warm southwest to northeast flow of air across the region keeping temperatures up and precipitation limited.

A stronger trough of low pressure and deeper pool of cold air will have to move into western parts of North America to raise the potential for serious rain in Wyoming sugarbeet areas and that is still not likely in this coming ten days to two weeks. It is now looking doubtful for such conditions to evolve through the first week of October. Frost and freezes are not likely to evolve without a significant pool of cool air moving into the region the next ten days to two weeks will not likely provide such a pool

Outlook

Precipitation

Some spotty showers are possible today (Tuesday), but resulting rainfall will vary from a trace to 0.15 inch. Most crop areas in the region will not see more than a few hundredths of moisture and many will either be dry or report just trace amounts. Dry weather will resume Wednesday and last through Sunday.

Another few spits and spats of moisture will be possible Sunday into Monday, but that is not likely to be nearly the potential for rain that we have today and today's event is meager, at best. The next opportunity for rain will come late next week and confidence is low.

Temperatures

High temperatures will warm from the 70s today and Wednesday to the upper 70s and lower 80s Thursday and Saturday with lower 80s common Friday. Sunday's highs will be back into the 70s once again.

Low temperatures will be in the 40s and lower 50s during much of the coming week, although some upper 30s will be possible late in the weekend and early next week. The warmer bias will likely prevail into and possibly through the first full week in October.

Wind

Not much wind of significance is expected over the coming week. Several days will have light and variable breezes and on the days with the greater gusts, speeds may get as great as 25 mph, but those days will be rare. Greater wind speeds will occur near the Absaroka Mountains.

Longer Range

A split jet stream is predicted for the second half of October and early November. That pattern will produce high pressure aloft over western Canada and a trough of low pressure over the western United States. It is during this period of time that scattered showers may evolve. However, if the split occurs without significant cool air being present in the far western U.S. the precipitation prospects may stay low and frost and freezes may be latter than currently expected. Most likely there will be a mid-October trough of cool weather sufficient to induce some rain briefly followed by enough cool air to induce a little frost and freeze event, but admittedly today there is no such weather system showing up on the weather charts leaving confidence in this speculative commentary a little low.

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