

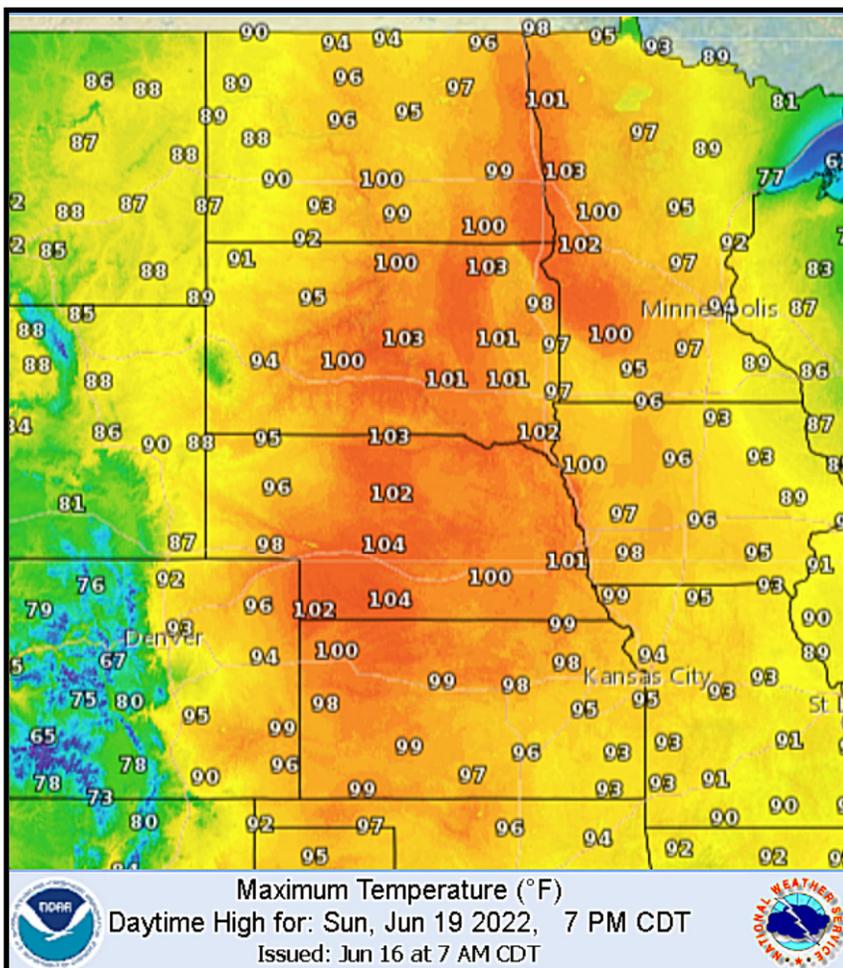
# Another Round Of U.S. Livestock Stress Approaching Quickly

By Drew Lerner

Kansas City, June 16 (World Weather Inc.) – Reported livestock losses in Kansas feedlots during the past week was nothing short of phenomenal. DTN reported more than 10,000 head of cattle died during the last weekend heatwave and the stage is being set for some additional extreme conditions this weekend. *Unlike last weekend, though, the wind is expected to blow hard keeping the air stirred and relative humidity will be a little less than that of last week in the central Plains which may help to prevent a repeat in substantial animal loss, but the situation will be closely monitored as the coming heatwave occurs from Texas to Manitoba, Canada. World Weather, Inc. believes the potential for animal health issues and death will be greatest in the Northern Plains this time around.*

A strong ridge of high pressure is expected to build up across the U.S. Plains Friday and prevail through Sunday before weakening and shifting a little farther to the east. *This*

*ridge of high pressure will be a little stronger than the one of last weekend and some of the heat will be pumped much farther to the north. Temperatures of 95 to 108 degrees Fahrenheit are expected from Texas to Minnesota and the eastern Dakotas while readings in Manitoba Canada will reach into the 90s.*



The hottest conditions will be in the Rocky Mountain region and high Plains Friday with some of the heat reaching into Canada’s western Prairies. Sufficiently warm temperatures are expected after significant rain fell this week in Canada and the northwestern U.S. Plains

to induce some significant livestock stress. The hottest conditions will then shift to the northern U.S. Plains, eastern Canada’s Prairies and a part of the western U.S. Corn and Soybean Belt Saturday and Sunday with some of the hot conditions lingering in the same region Monday.

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This weekend's anomalous temperatures will be more significant farther to the north than those of last weekend with temperatures 20 to 30 degrees warmer than usual in the Dakotas, Minnesota and Manitoba, Canada. Parts of western North Dakota reported high temperatures Wednesday in the 60s and 70s and readings Saturday will be in the 90s to near 100. Sunday and Monday will be hottest from Kansas to Minnesota and the eastern Dakotas with readings of 95 to 108 and a possible extreme of 110 in one or two locations.

**Recent precipitation in the northern Plains will provide a huge amount of feedback moisture from the soil and that will result in high relative humidity. Last weekend it was the central Plains that suffered livestock losses because of the heat, humidity and limited wind and this weekend it could be the northern Plains and upper Midwest with the biggest risk.** This will include not only cattle and hogs, but poultry as well.

The good news – if there is any – is that the hottest areas relative to normal in the northern Plains and upper Midwest will experience windy conditions. The wind will help curb the ill-effects of excessive heat to some degree and that would result in the saving of many animals that might otherwise succumb to the heat.

The situation must be closely monitored. Not only for the Great Plains, but for the Midwest and during the early to middle part of next week as the heat dissipates while moving over that part of the nation.

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