

## Soil Moisture Conditions in Kansas - Week 22

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### Introduction

This article is part of a regular series examining soil moisture and crop conditions in Kansas. As explained in “Soil Moisture Conditions in Kansas - Week 11” (<https://www.agmanager.info/production-economics/production-publications/soil-moisture-conditions-kansas-week-11>), The USDA collects weekly information about both the subsoil and topsoil moisture in the state. This report is the percent of farmland in the state that has surplus moisture, has adequate moisture, is short of moisture, or is very short of moisture. This USDA report is for the week ending 6/5/22.

### Observations

Many parts of Kansas have seen a lot more rain in the last two weeks and the soil moisture situation has improved. Subsoil moisture in the short and very short categories decreased from 60% two weeks ago to 42% this week. The percent of land with adequate subsoil moisture increased to 47% while the subsoil with surplus moisture increased to 11% from 2% two weeks ago. Despite the rain, subsoil moisture still trails the historical averages. Currently 8 years out of the last 20 have had a lower percentage of subsoil in the very short and short categories.

Topsoil moisture also improved from two weeks ago. The percentage of topsoil in the short and very short categories decreased from 51% to 36%. Topsoil with excess moisture increased to 18% and 46% of the topsoil now has adequate moisture. Like subsoil moisture conditions, topsoil moisture continues to lag behind historical averages with 8 years out of the last 20 years having a greater percentage of topsoil in the short and very short categories.

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Kansas Subsoil Moisture as of WEEK #22

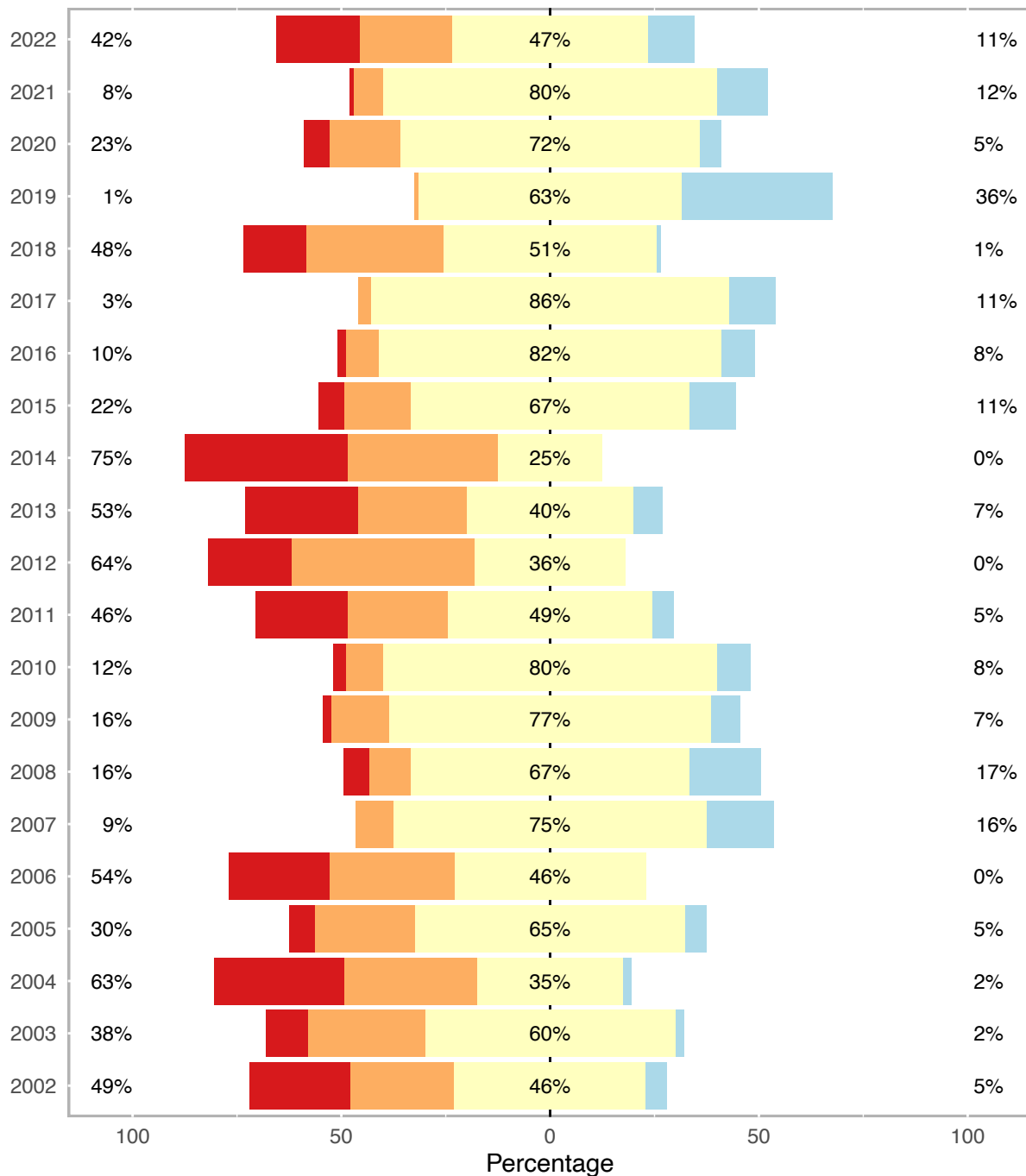


Figure 1. Subsoil Moisture for Kansas - Week Ending 6/5/22

Kansas Topsoil Moisture as of WEEK #22

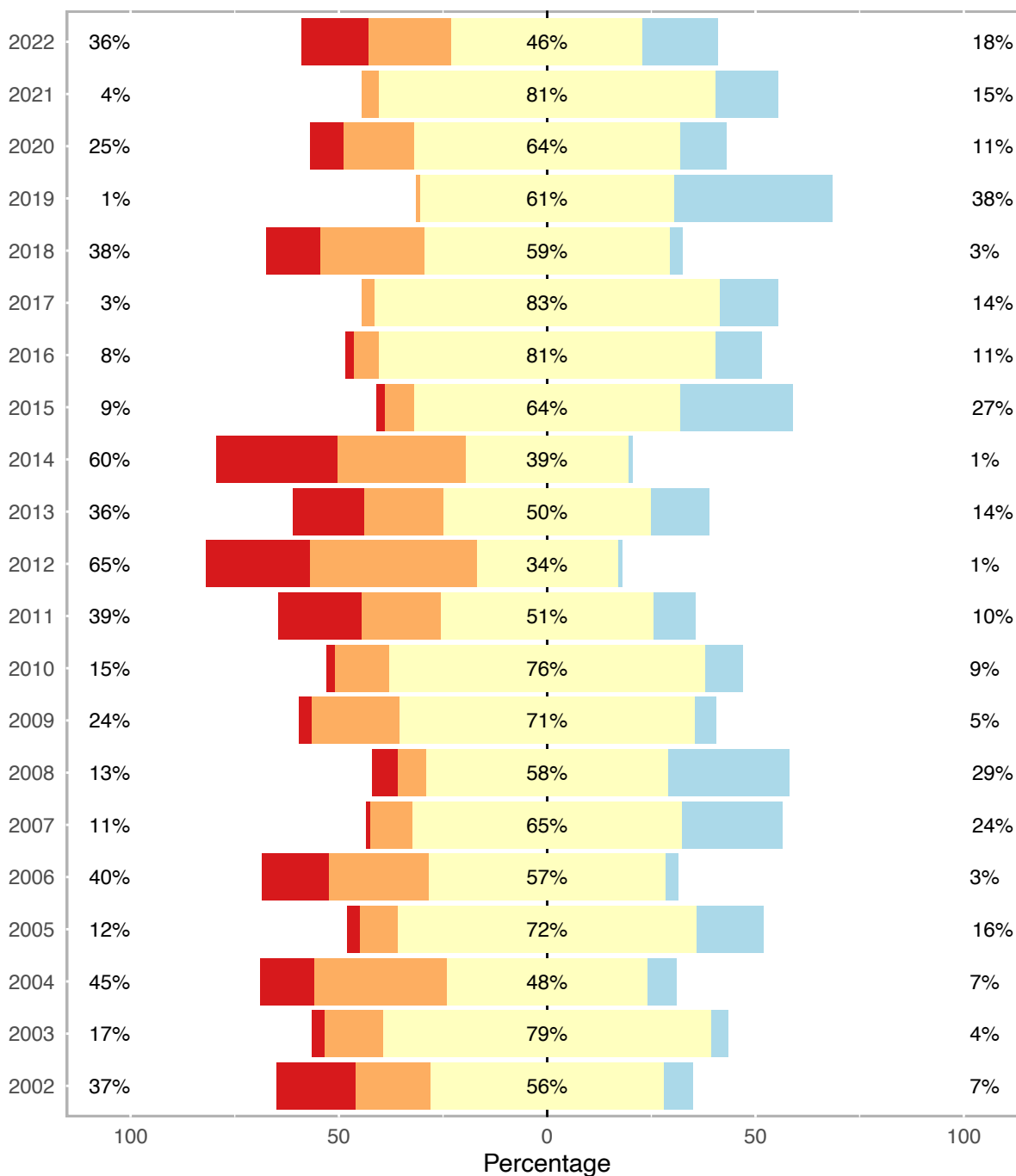


Figure 2. Topsoil Moisture for Kansas - Week Ending 6/5/22