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- Climate change present and future poses a significant issue for agriculture and ecosystems in Illinois
- - Increased precipitation and precipitation intensity have caused considerable soil erosion, runoff, flooding issues
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 Increased evaporation driven by higher temperatures has been more than offset by additional precipitation, but enhanced evaporation during dry spell could intensify dryness
 Wettest period on record in this region, fewer long-term droughts
 Increased winter temperature promotes higher VBD incidence and creates phenology issues (chill hours, false springs)
 Increased summer minimum temperatures reduce crop efficiency

- Future climate projections show very high confidence that temperatures will continue to increase in Illinois, impacting:

 • Heat – human & animal heat stress

Nightime temps
 Evaporation – exacerbating dry conditions during drought

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Future climate projections show moderate confidence that precipitation will continue to increase in Illinois, particularly in spring and winter

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| willinois, particularly in spring and winter

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