

## Frequently asked questions about KBDI

- **How do I interpret the columns in the KBDI summary table?**
  - Min: Minimum KBDI value observed in a 4km x 4km pixel within the county
  - Max: Maximum KBDI value observed within the county
  - Average: Average KBDI value within the county
  - Change: Change in KBDI since the previous day. A plus (+) sign indicates the KBDI value has increased while a minus (-) sign indicates that the KBDI value has decreased.
- **How does KBDI increase?**
  - KBDI values will increase if a few conditions are met. First, the maximum daily temperature must exceed 45 degrees Fahrenheit. Second, the effects of any effective precipitation must not exceed the drying effect of the maximum temperature. Finally, the KBDI value from the previous day must be less than 800 since that is the upper limit of the index.
- **How does KBDI decrease?**
  - KBDI values can only decrease if precipitation exceeds 0.2 inches by enough to offset the drying effect of the maximum daily temperature. On a cool day, effective precipitation will reduce KBDI by a greater amount than on a hot day since less drying will occur.
- **What is the difference between the KBDI map and the KBDI County Average map?**
  - The KBDI map shows continuous KBDI values at the pixel level across the state. The KBDI County Average map, however, shows only the average KBDI value for each county rather than the real value at each pixel location.
- **When are the KBDI products updated?**
  - Products are first updated at 10:00 am. If, for any reason, the products do not update at 10, the process repeats at noon and 2:00 pm. This will occasionally cause the KBDI values to change over the course of the day.