

Monarch Butterflies

Why do Monarchs migrate instead of staying in one place?

Monarch Butterflies migrate because they are cold blooded and need warm climates to live in. If they were to stay in one location their food source would rapidly decreae causing them to perish.



Monarch Sightings

The darker the color the higher density there is in milkweed, the lighter the color the lower density in milkweed.



1980-2009



s. S. N., Iverson, L. R., Peters, M. P., & Prasad, A. M. 🕻 ssing potentia mapping plant hardiness change pressures across the conterminous United States heat zones, growing degree days, and cumulative drought severity throughout this RMAP-NRS-9. Newtown Square, PA: US Department of Agriculture, Forest Northern Research Station. 31 p., 9, 1-31. https://www.fs.fed.us/nrs/pubs/rmap/rmap_nrs9.pdf. The USDA Forest Service makes no warranty, expressed or implied, including the warranties of merchantability and fitness for a particular purpose, nor assumes any legal liability or responsibility for the accuracy, reliability, completeness or utility of these geospatial data, or for the improper or incorrect use of these geospatial data. These geospatial data and related maps or graphics are not legal documents and are not intended to be used as such. The data and maps may not be used to determine title ownership/legal descriptions or boundaries legal jurisdiction or restrictions that may be in place on either public or private land. Natural hazards may or may not be depicted on the data and maps, and land users should exercise due caution. The data are dynamic and may change over/time. The user is responsible to verify the limitations of the geospatial data-and-to-use the data accordingly.

With an increase in sporadic weather pattern (global warming) how will this further impact the migration patterns of butterflies?

These butterflies migrate generationally. The majority of the population migrates towards the easternpart of the U.S, but some migrate towards the western parts. In each of these areas milkweed grows enough to sustain these butterflies. Some butterflies migrate towards the center of the U.S where there isn't much milkweed growing. With a rise in temperatures, Monarchs are in danger. High temperatures cause toxcicity levels in milkweed to rise causing the Monarchs to become poisened. Monarchs rely on there food source for energy, high temperature cause them to tire quickly needing more energy.

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