

Name \_\_\_\_\_

## Michigan's Marvelous Climate: Four Seasons of Weather Wonders

### Open-Ended Response Answer Key

1. Michigan's diverse climate with four distinct seasons offers both advantages and disadvantages. Residents and tourists get to experience a variety of weather and outdoor activities throughout the year. Summers are great for outdoor fun, while winter offers opportunities for winter sports. However, extreme winter weather and lake effect snow can be challenging, and the changing seasons can affect agriculture and infrastructure maintenance.
2. During a summer vacation in Michigan, I would enjoy activities like swimming in the Great Lakes, hiking in the lush forests, exploring charming lakeside towns, and savoring fresh, local produce. These activities are appealing during summer due to the warm weather and the state's natural beauty being at its peak.
3. Michigan's climate and weather significantly influence agriculture and natural landscapes. Spring showers and warm temperatures support crop growth, making the state known for cherries, apples, and more. Fall foliage attracts tourists, while heavy snowfall in some regions provides opportunities for winter sports and activities.
4. Lake effect snow can bring heavy snowfall, which can disrupt transportation and daily life. However, it also provides opportunities for winter tourism and activities like skiing and snowmobiling. Businesses in regions affected by lake effect snow often prepare for the winter season by stocking up on snow removal equipment and promoting winter tourism.

