

medicine hat on map

medicine hat on map is a phrase often searched by travelers, geographers, and residents aiming to locate this unique city within Canada's vast landscape. Medicine Hat is a city in the southeastern part of Alberta, renowned for its rich history, natural gas fields, and picturesque surroundings along the South Saskatchewan River. Understanding its position on the map is crucial for logistics, tourism, and educational purposes. This article will explore Medicine Hat's geographical location, its significance within regional and national contexts, and detailed mapping perspectives. Additionally, it will cover how Medicine Hat is represented on various types of maps, including political, physical, and digital maps, to provide a comprehensive overview. Readers will gain insight into the city's coordinates, nearby landmarks, and how Medicine Hat fits into Alberta's economic and cultural framework.

- Geographical Location of Medicine Hat
- Medicine Hat on Political and Physical Maps
- Digital Mapping and Navigation
- Nearby Landmarks and Regional Significance
- Practical Uses of Medicine Hat's Map Location

Geographical Location of Medicine Hat

Medicine Hat is situated in the southeastern part of Alberta, Canada. The city lies on the banks of the South Saskatchewan River, which is a significant waterway flowing through the prairies. It is approximately 295 miles (475 kilometers) southeast of Calgary and about 185 miles (300 kilometers) east of Lethbridge. The city's coordinates are roughly 50.0405° N latitude and 110.6773° W longitude, positioning it near the border with Saskatchewan province. This location places Medicine Hat within the Prairie Region of Canada, characterized by flatlands, grasslands, and agricultural zones.

Coordinates and Elevation

Medicine Hat's exact geographical coordinates are a key reference point for locating it on any map. At approximately 50 degrees north latitude, the city experiences a northern temperate climate. The elevation of Medicine Hat is around 690 meters (2,264 feet) above sea level, which influences its weather patterns and ecological characteristics. This elevation is typical for the Canadian prairies and contributes to the city's

semi-arid conditions.

Regional Context within Alberta

Within Alberta, Medicine Hat is part of the southeastern quadrant, often referred to as the “South East Alberta” region. This area is known for its natural gas resources and agricultural productivity. Medicine Hat serves as a regional hub for commerce, healthcare, and education, making its position on the map strategically important for residents and businesses alike.

Medicine Hat on Political and Physical Maps

When viewing Medicine Hat on political maps, it is marked as a city within Alberta, often highlighted due to its size and economic importance. Political maps emphasize boundaries such as provincial lines, municipal limits, and electoral districts, all of which include Medicine Hat as a key urban center.

Political Maps

Political maps of Alberta clearly designate Medicine Hat within the provincial framework. The city is distinguished by its municipal boundaries and is often indicated with a dot or city symbol. These maps help to understand Medicine Hat’s jurisdictional role and its relationship with surrounding municipalities and counties, such as Cypress County.

Physical Maps

Physical maps provide information about the terrain and natural features around Medicine Hat. These maps illustrate the South Saskatchewan River, the prairies, and nearby natural formations, such as the coulees and badlands characteristic of the region. The physical landscape influences local climate and land use, which are visible on topographic and relief maps.

Digital Mapping and Navigation

In the digital age, Medicine Hat’s presence on online maps and GPS navigation systems has become essential for travel and commerce. Digital platforms provide interactive maps that allow users to zoom in on streets, neighborhoods, and key landmarks within the city.

Popular Mapping Services

Services such as Google Maps, Apple Maps, and other GPS navigation tools accurately place Medicine Hat on their interfaces. These platforms offer detailed street maps, satellite imagery, and real-time traffic information. By entering “Medicine Hat” or using its coordinates, users can obtain driving directions, explore local businesses, and view terrain features.

Benefits of Digital Maps

- Real-time navigation and route planning
- Access to local points of interest and services
- Satellite and street-level views for enhanced spatial awareness
- Integration with mobile devices for on-the-go usage

Nearby Landmarks and Regional Significance

The position of Medicine Hat on the map is further contextualized by its proximity to notable landmarks and natural features. Its location serves as a gateway to several tourist attractions and economic zones within southeastern Alberta.

South Saskatchewan River

The South Saskatchewan River is a defining natural landmark that runs through Medicine Hat, providing vital water resources and recreational opportunities. The river valley is a prominent feature on physical maps and contributes to the city’s scenic beauty.

Nearby Cities and Towns

Medicine Hat is surrounded by several smaller communities and towns, including Redcliff to the west and Swift Current in Saskatchewan to the east. Its location near the provincial border enhances its role as a commercial and transportation link between Alberta and Saskatchewan.

Economic and Cultural Landmarks

Key landmarks such as the Esplanade Arts & Heritage Centre and the Medicine Hat Exhibition & Stampede grounds are important cultural sites within the city. The presence of natural gas fields nearby also marks the city as a significant energy sector hub, which is often indicated on economic and industrial maps.

Practical Uses of Medicine Hat's Map Location

Understanding medicine hat on map is crucial for various practical applications. From urban planning to tourism, the city's geographic data supports multiple sectors.

Urban Development and Infrastructure Planning

City planners and engineers rely heavily on accurate maps to develop infrastructure projects, manage land use, and plan public transportation routes. Medicine Hat's layout, road networks, and zoning are all documented on detailed municipal maps.

Tourism and Travel

Tourists use maps to navigate to Medicine Hat's attractions, accommodations, and natural sites. Knowledge of the city's position relative to major highways, airports, and neighboring regions enhances travel planning efficiency.

Emergency Services and Environmental Management

Emergency responders utilize mapping information to coordinate services effectively, especially in natural disasters or public safety scenarios. Environmental agencies also depend on geographic data to monitor local ecosystems and manage resources sustainably.

Educational and Research Purposes

Maps featuring Medicine Hat are valuable tools in geography education and research. They help students and professionals analyze urban growth, demographic trends, and regional geography.

1. Locate Medicine Hat precisely using latitude and longitude coordinates.

2. Understand its relation to major cities and provincial boundaries.
3. Navigate using digital and physical maps for travel or business.
4. Identify natural and cultural landmarks in the surrounding area.
5. Apply mapping information for planning, safety, and educational needs.

Frequently Asked Questions

Where is Medicine Hat located on the map?

Medicine Hat is located in the southeastern part of the province of Alberta, Canada, near the South Saskatchewan River.

What are the GPS coordinates of Medicine Hat?

The GPS coordinates of Medicine Hat are approximately 50.0405° N latitude and 110.6766° W longitude.

How can I find Medicine Hat on a map of Canada?

To find Medicine Hat on a map of Canada, look in the southeastern region of Alberta, east of Calgary and near the border with Saskatchewan.

What major highways connect to Medicine Hat on the map?

Medicine Hat is connected by major highways including the Trans-Canada Highway (Highway 1) and the Crowsnest Highway (Highway 3).

Is Medicine Hat located near any significant bodies of water on the map?

Yes, Medicine Hat is situated along the South Saskatchewan River, which runs through the city.

What is the distance between Medicine Hat and Calgary on the map?

The distance between Medicine Hat and Calgary is approximately 295 kilometers (about 183 miles) traveling west along the Trans-Canada Highway.

How is Medicine Hat represented on interactive online maps?

On interactive online maps like Google Maps, Medicine Hat is marked as a city with detailed street views, points of interest, and navigation options.

Additional Resources

1. *Mapping Medicine Hat: A Historical Cartography*

This book explores the evolution of Medicine Hat through historical maps, detailing its development from a small settlement to a bustling city. It provides an in-depth look at how geography influenced economic and cultural growth. Readers will find rare maps and insightful commentary on the region's transformation over time.

2. *The Geography of Medicine Hat: Natural Features and Urban Growth*

Focusing on the physical geography of Medicine Hat, this book examines the interplay between natural landscapes and urban expansion. It highlights key features such as the South Saskatchewan River and surrounding badlands, explaining their impact on city planning and development. The book is ideal for geography enthusiasts and urban planners alike.

3. *Medicine Hat on the Map: A Guide to Local Landmarks*

This guidebook provides a detailed map-based tour of Medicine Hat's most notable landmarks and historic sites. Perfect for visitors and new residents, it combines clear maps with engaging descriptions of cultural and natural attractions. The book also includes walking routes and tips for exploring the city's unique neighborhoods.

4. *Cartographic Chronicles of Medicine Hat*

Delving into the cartographic history of Medicine Hat, this book showcases a collection of maps from different eras alongside narratives about their creation. It discusses how mapping techniques and technology have changed over time and their role in shaping the city's identity. The book is a valuable resource for historians and map collectors.

5. *Medicine Hat's Place in Canadian Maps*

This book situates Medicine Hat within the broader context of Canadian geography and cartography. It traces the city's representation in national and provincial maps, reflecting political, economic, and cultural shifts. The text also explores how Medicine Hat's location influenced its strategic importance historically.

6. *Exploring Medicine Hat Through Historical Maps*

Offering a visual journey, this book features a curated selection of historical maps that showcase Medicine Hat's growth and changes. Each map is accompanied by detailed explanations highlighting significant events and urban development. The book serves as both an educational tool and a nostalgic look at the city's past.

7. *The Urban Map of Medicine Hat: Planning and Development*

This publication focuses on the urban planning aspect of Medicine Hat, presenting maps that illustrate zoning, infrastructure, and city expansion. It discusses how planners have used maps to address challenges such as transportation and housing. The book is useful for students of urban studies and local government officials.

8. *Medicine Hat in Topographic Maps*

Highlighting the topography of Medicine Hat and its surroundings, this book presents detailed topographic maps that reveal the region's elevation, terrain, and natural resources. It explains how these features have influenced settlement patterns and economic activities. The book is a great reference for outdoor enthusiasts and environmental researchers.

9. *Medicine Hat: Maps and Memories*

Combining cartography with personal stories, this book offers a unique perspective on Medicine Hat through maps and memoirs from longtime residents. It captures the emotional connection people have with the city's geography and landmarks. The blend of visual and narrative elements makes it a compelling read for locals and history buffs.

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