

Periodic Report - Second Cycle

Section II-Head-Smashed-In Buffalo Jump

1. World Heritage Property Data

1.1 - Name of World Heritage Property

Head-Smashed-In Buffalo Jump

1.2 - World Heritage Property Details

State(s) Party(ies)

- Canada

Type of Property

cultural

Identification Number

158

Year of inscription on the World Heritage List

1981


1.3 - Geographic Information Table

| Name | Coordinates (latitude/longitude) | Property (ha) | Buffer zone (ha) | Total (ha) | Inscription year |
|------------------------------|----------------------------------|---------------|------------------|-------------|------------------|
| Head-Smashed-In Buffalo Jump | 49.749 / -113.624 | 4000 | 0 | 4000 | 1981 |
| Total (ha) | | 4000 | 0 | 4000 | |

Comment

There is an error between the mapping and the estimated size of the inscribed area. According to the coordinates, the inscribed area covers 35.75 sections of land which comprises 22,880 acres or 9,259 Hectares, not the 4,000 hectares listed in the document. The single coordinate listed is not accurate. It neither identifies the primary kill site known as Head-Smashed-In Buffalo Jump. Nor is it useful in describing the inscribed area.

1.4 - Map(s)

| Title | Date | Link to source |
|--|------------|---|
| Head-Smashed-In Buffalo Jump - Map of the inscribed property | 31/12/1980 |  |

Comment

The map that is linked to the periodic report is merely a schematic of the inscribed area. Canada will address this in the upcoming Retrospective Inventory process to be carried out in 2013.

1.5 - Governmental Institution Responsible for the Property

- Rebecca Kennedy
International Programs, Parks Canada
Program Specialist

Comment

Please replace with: Vice President, Heritage Conservation and Commemoration Directorate Parks Canada Agency 25, rue Eddy, étage/floor 5 K1A 0M5 Gatineau Canada Telephone: +1(819) 994-1808 Fax: +1 (819) 934-1115

1.6 - Property Manager / Coordinator, Local Institution / Agency

- Ian Clarke
Historic Sites and Museums Branch
Director, Southern Region
Heritage Division

Comment

Province of Alberta, Department of Culture Heritage Division, Historic Sites and Museums Branch #2410, 801 - 6 Avenue S.W. Calgary, Alberta T2P 3W2 Canada Telephone: +1 (0) 403 297 4043 Fax: +1 (0) 403 297 4093 Email: ian.clarke@gov.ab.ca

1.7 - Web Address of the Property (if existing)

1. [View photos from OUR PLACE the World Heritage collection](#)
2. [Head-Smashed-In Buffalo Jump \(Discover Alberta\)](#)
3. [World Heritage in Canada \(Parks Canada\)](#)
4. [Report on the State of Conservation \(Parks Canada\)](#)

Comment

Please remove: 1. Our Place photos 4. Report on State of Conservation

1.8 - Other designations / Conventions under which the property is protected (if applicable)

Comment

2. Statement of Outstanding Universal Value

2.1 - Statement of Outstanding Universal Value / Statement of Significance

Statement of Significance

The significance of the landscape of Head-Smashed-In Buffalo Jump lies in its cultural, archaeological, and scientific interest. The deep layers of bison bones buried below the cliff represent nearly 6000 years of use of the buffalo jump by Aboriginal people of the Northern Plains. This landscape is an outstanding illustration of subsistence hunting techniques that continued into the late 19th century and which still form part of the 'traditional knowledge base' of the Plains nations. It throws valuable light on the way of life and practices of traditional hunting cultures elsewhere in the world. Criterion (vi) Head-Smashed-In Buffalo Jump is one of the oldest, most extensive, and best preserved sites that illustrate communal hunting techniques and the way of life of Plains people who, for more than five millennia, subsisted on the vast herds of bison that existed in North America.

2.2 - The criteria (2005 revised version) under which the property was inscribed

(vi)

2.3 - Attributes expressing the Outstanding Universal Value per criterion

With a few minor incursions, including the visual presence of a provincial highway and construction of a water supply "dugout" for cattle operations, the landscape of Head-Smashed-In Buffalo Jump World Heritage Site remains basically unimpaired inside and around the inscribed area and relates almost exactly to its ancient appearance and form. This includes the gathering basins, the drivelines, the kill site, and the butchering camp sites and includes almost all the archaeological remains.

2.4 - If needed, please provide details of why the Statement of Outstanding Universal Value should be revised

2.5 - Comments, conclusions and / or recommendations related to Statement of Outstanding Universal Value

Canada is currently finalizing Retrospective Statements of Outstanding Universal Value for 13 of its World Heritage sites. Pending Committee approval, these will be used for the next Periodic Reporting cycle.

3. Factors Affecting the Property

3.14. Other factor(s)

3.14.1 - Other factor(s)

3.15. Factors Summary Table

3.15.1 - Factors summary table

| | Name | Impact | | | | | | Origin | |
|---------------|--|-----------|----------|----------|--------|---------|--|--------|--|
| 3.1 | Buildings and Development | | | | | | | | |
| 3.1.5 | Interpretative and visitation facilities | | | | | | | | |
| 3.2 | Transportation Infrastructure | | | | | | | | |
| 3.2.1 | Ground transport infrastructure | | | | | | | | |
| 3.2.4 | Effects arising from use of transportation infrastructure | | | | | | | | |
| 3.3 | Services Infrastructures | | | | | | | | |
| 3.3.1 | Water infrastructure | | | | | | | | |
| 3.3.2 | Renewable energy facilities | | | | | | | | |
| 3.3.5 | Major linear utilities | | | | | | | | |
| 3.5 | Biological resource use/modification | | | | | | | | |
| 3.5.4 | Livestock farming / grazing of domesticated animals | | | | | | | | |
| 3.5.7 | Subsistence wild plant collection | | | | | | | | |
| 3.8 | Social/cultural uses of heritage | | | | | | | | |
| 3.8.1 | Ritual / spiritual / religious and associative uses | | | | | | | | |
| 3.8.2 | Society's valuing of heritage | | | | | | | | |
| 3.8.3 | Indigenous hunting, gathering and collecting | | | | | | | | |
| 3.8.4 | Changes in traditional ways of life and knowledge system | | | | | | | | |
| 3.8.5 | Identity, social cohesion, changes in local population and community | | | | | | | | |
| 3.8.6 | Impacts of tourism / visitor / recreation | | | | | | | | |
| 3.9 | Other human activities | | | | | | | | |
| 3.9.2 | Deliberate destruction of heritage | | | | | | | | |
| 3.11 | Sudden ecological or geological events | | | | | | | | |
| 3.11.4 | Avalanche/ landslide | | | | | | | | |
| 3.11.5 | Erosion and siltation/ deposition | | | | | | | | |
| 3.11.6 | Fire (wildfires) | | | | | | | | |
| 3.12 | Invasive/alien species or hyper-abundant species | | | | | | | | |
| 3.12.2 | Invasive/alien terrestrial species | | | | | | | | |
| 3.13 | Management and institutional factors | | | | | | | | |
| 3.13.1 | Low impact research / monitoring activities | | | | | | | | |
| 3.13.2 | High impact research / monitoring activities | | | | | | | | |
| 3.13.3 | Management activities | | | | | | | | |
| Legend | Current | Potential | Negative | Positive | Inside | Outside | | | |

3.16. Assessment of current negative factors

3.16.1 - Assessment of current negative factors

| | Spatial scale | Temporal scale | Impact | Management response | Trend | |
|---------------|---|----------------|----------|---------------------|-----------------|------------|
| 3.3 | Services Infrastructures | | | | | |
| 3.3.2 | Renewable energy facilities | extensive | on-going | minor | low capacity | increasing |
| 3.12 | Invasive/alien species or hyper-abundant species | | | | | |
| 3.12.2 | Invasive/alien terrestrial species | extensive | on-going | insignificant | medium capacity | increasing |

3.17. Comments, conclusions and / or recommendations related to factors affecting the property

3.17.1 - Comments

Southern Alberta, south and south-west of Head-Smashed-In Buffalo Jump is prime wind farm country and extensive windmill installations have populated the southern and south-eastern viewplanes from the site. These installations, while quite visible from the site, fall outside any reasonable viewshed. It is important that the Government of Alberta be prepared take steps to prevent incursions into the immediate area of the inscribed property. Weed control is on-going.

4. Protection, Management and Monitoring of the Property

4.1. Boundaries and Buffer Zones

4.1.1 - Buffer zone status

There is no buffer zone, and it is not needed

4.1.2 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries of the World Heritage property are **adequate** to maintain the property's Outstanding Universal Value

4.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The property had no buffer zone at the time of its inscription on the World Heritage List

4.1.4 - Are the boundaries of the World Heritage property known?

The boundaries of the World Heritage property are known by the management authority but **are not known by local residents / communities / landowners**.

4.1.5 - Are the buffer zones of the World Heritage property known?

The property had **no buffer zone** at the time of its inscription on the World Heritage List

4.1.6 - Comments, conclusions and / or recommendations related to boundaries and buffer zones of the World Heritage property

While the boundaries at the time of inscription were generally known by local stakeholders and the management authority (Province of Alberta), no effort has been made to ensure that the boundaries are still as well known 32 years later. This could be resolved by a series of public presentation "open house" meetings in the region, and direct contact with the landowners.

4.2. Protective Measures

4.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and / or traditional)

Head-Smashed-In Buffalo Jump is both a Provincial Historic Resource, affording it the highest level of protection allowed under the Alberta Historical Resources Act, and a Provincial Historic Site whereby a core of the land base has been purchased by the Province and is operated and actively promoted as a place where visitors are welcome to pay admission for an advanced interpretive experience on site and inside a 2,700 square metre Visitor Centre.

Alberta Historical Resources Act: This legislation governs designation of the site as a Provincial Historic Resource and provides for severe penalties for any action that has an adverse physical or visual effect upon the resources associated with the reasons for designation. Under Section 18 (9) of the Act "no person shall: (a) destroy, disturb, alter, restore, repair any historic resource or land that has been designated under this section; or (b) remove an historic object from an historic resource that has been designated under this section without the written approval of the Minister. No person may alter or affect the physical or aesthetic character of such an historical resource in any way without the expressed permission of the Minister. Under Section 38 (1), every person who contravenes any provision of this act ... is guilty of an offence and is liable on summary conviction to a fine of not more than \$50 000 or to imprisonment for a term of not more than one year or to both fine and imprisonment." The act also commissions the Minister responsible for its administration to present the site to the public, which in the case of Head-Smashed-In Buffalo Jump ranges through local, regional, provincial, national, and international audiences. Regulations governing the administration of archaeological resources in the Province of Alberta: A set of regulations governing archaeological investigations in the Province of Alberta also applies to all the land connected to the Head-Smashed-In Buffalo Jump complex whether it is designated or not. These regulations are attached to the Historical Resources Act as "Archaeological Research Permit Regulation, being Alberta Regulation 124/79 with amendments up to and including Alberta Regulation 88/82."

Special Places 2000: The Special Places 2000 program was established by Provincial legislation to preserve the environmental diversity of the province's six natural regions and twenty sub-regions. In 2000, the Province of Alberta included Head-Smashed-In Buffalo Jump in this program in order to afford it another level of protection through monitored use. Seven hundred and twenty-eight hectares (1,800 acres) around Head-Smashed-In Buffalo Jump were added to the original Provincial Historic Resource Designation (all of which was Crown Land) and together with the original 162 hectares (400 acres) the full 890 hectares (2,200 acres) were named to the "Special Places 2000" project as rough fescue grassland. This designation allows the provincial government to call for a review of all developmental activities within the area for the purpose of curtailing inappropriate and/or destructive use. The Municipal Government Act: This legislation allows the establishment of Direct Control Zoning that can consider heritage conservation in land use planning. Applications for development or land-use change on the designated site are referred to the province for review by the local municipal district. The approval of the Minister of Community Development is required for any such application to succeed on the designated lands. Approval is recommended only for developments or land use changes that are of no effect or are of beneficial effect, as in the case of restrictive Direct Control Zoning.

Comment

The beginning of the second paragraph up to "...provincial, national, and international audiences." needs to be clarified, but there is insufficient space here to represent the new text for this section. See accompanying text document.

4.2.2 - Is the legal framework (i.e. legislation and / or regulation) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the maintenance of the Outstanding Universal Value including conditions of Authenticity and / or Integrity of the World Heritage property provides **an adequate or better basis** for effective management and protection

4.2.3 - Is the legal framework (i.e. legislation and / or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The property had **no buffer zone at the time of inscription** on the World Heritage List

4.2.4 - Is the legal framework (i.e. legislation and / or regulation) adequate in the area surrounding the World Heritage property and buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the area surrounding the World Heritage property and the buffer zone provides **an adequate or better basis** for effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and / or Integrity

4.2.5 - Can the legislative framework (i.e. legislation and / or regulation) be enforced?

There is **excellent** capacity / resources to enforce legislation and / or regulation in the World Heritage property

4.2.6 - Comments, conclusions and / or recommendations related to protective measures

The strongest provincial regulation over activity in the inscribed property can only be applied to the Provincial Historic Resource designation surrounding the actual kill site. The gathering basins and the drive lanes that fall within the inscribed area are not covered by the provincial designation still fall under the control of the provincial regulations governing impacts on archaeological resources by industries or individuals.

4.3. Management System / Management Plan

4.3.1 - Management System

(i) Management under protective legislation: Head-Smashed-In Buffalo Jump has been designated by the Province of Alberta as a Provincial Historic Resource under the provisions of the Alberta Historical Resources Act. The site may not be destroyed, disturbed, altered, restored, or repaired, no object may be removed, nor may its physical or aesthetic character be affected in any way without government permission. In 2000, the Province of Alberta included Head-Smashed-In Buffalo Jump in a program intended to identify a wide range of naturally significant lands in order to afford them a level of protection through monitored use. (ii) Management under contractual agreement(s) between State Party and a third

party: The grasslands of Head-Smashed-In Buffalo Jump have been cared for under the rangeland management practices of the ranching families that inhabit the area. Grassland management of the provincially-owned land at the site is provided through the contractual obligations of renewable leases with the original owners. This provides a significant fire suppression method in an area where prairie fires are common. (iii) Management under traditional protective measures: Other than controlled grazing which parallels the ancient bison migrations no specific "traditional" methods of protection have been invoked. There is at the same time, a continuing formal involvement of the regional First Nations people in the strategic management of the site. Cultural Facilities and Historical Resources Division of the Community Development ministry. The line of authority runs through the following positions: .Site Manager .Manager, Southern Operations .Director, Historic Sites and Cultural Facilities Branch .Assistant Deputy Minister, Cultural Facilities and Historical Resources Division .Deputy Minister, Alberta Community Development (the Ministry). A number of other organizations, non-government agencies, individuals and government bodies are directly involved in the management process through the invitation of the Province. This is achieved mainly through the presence of a Minister's Advisory Committee operating under Ministerial Order; and with the Friends of Head-Smashed-In Society whose relationship with the site is controlled by a detailed operating contract. The Minister's Advisory Committee comprises the primary regional stakeholders and is called upon by its mandate to advise the Minister of Community Development on all matters of regional concern that are of direct interest to the site and its associated resources. Membership includes representation from the Kainai (Blood) First Nation, the Piikani (Peigan) First Nation, the towns of Claresholm, Fort Macleod, and Pincher Creek, the Municipal District of Willow Creek, two local land owners, and three "members-at-large." This committee is slated to meet quarterly with site and regional management and to report its deliberations and recommendations directly to the Minister for action. The Friends Society also has a prescribed Board membership, requiring participation from the two First Nations tribes and the three towns in addition to members-at-large, but it is tasked to operate locally for the purpose of assisting with and enhancing the interpretive responsibilities of site operation. The preservation and interpretation of Head-Smashed-In Buffalo Jump has become a focal point for the retrieval of native culture in the region. The management and development of the site has become a partnership between the Blackfoot-speaking people and the Province of Alberta, and Blackfoot-speaking employees are engaged exclusively to interpret the site and their culture. A new management plan to replace the management components of the Development Plan is not envisaged for the site inasmuch as the Interpretation Program, the Alberta Historical Resources Act, the province's archaeological regulations, the guidelines for Special Places 2000 and the site operations and maintenance schedules have been sufficient to provide the basic content of a management plan without having drawn it together in a consolidated document.

Comment

The data in paragraph 2 require updating and correction, largely because of changes through time. There is insufficient space here to enter the new text. Please see accompanying text document..

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4.3.2 - Management Documents

Comment

A design study for the rehabilitation of the underground interpretive centre has been approved by the Department of Culture and its impact on the exterior of this facility have been reviewed with the Canadian Delegation, including and notation in the May 2012 "State of Conservation" report. Meanwhile an ongoing exercise to create a management plan similar to the plan available for Stonehenge/Avebury is in process but the plan will not be available until 2014.

4.3.3 - How well do the various levels of administration (i.e. national / federal; regional / provincial / state; local / municipal etc.) coordinate in the management of the World Heritage Property ?

There is **excellent coordination** between all bodies / levels involved in the management of the property

4.3.4 - Is the management system / plan adequate to maintain the property's Outstanding Universal Value ?

The management system / plan is **fully adequate** to maintain the property's Outstanding Universal Value

4.3.5 - Is the management system being implemented?

The management system is being **fully** implemented and monitored

4.3.6 - Is there an annual work / action plan and is it being implemented?

An annual work / action plan exists and **many activities** are being implemented

4.3.7 - Please rate the cooperation / relationship with World Heritage property managers / coordinators / staff of the following

| | |
|-------------------------------|------|
| Local communities / residents | Good |
| Local / Municipal authorities | Good |
| Indigenous peoples | Good |
| Landowners | Good |
| Visitors | Good |
| Researchers | Good |
| Tourism industry | Good |
| Industry | Good |

4.3.8 - If present, do local communities resident in or near the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

Local communities have **some input** into discussions relating to management but no direct role in management

4.3.9 - If present, do indigenous peoples resident in or regularly using the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

Indigenous peoples directly participate in **all relevant** decisions relating to management, i.e. co-management

4.3.10 - Is there cooperation with industry (i.e. forestry, mining, agriculture, etc.) regarding the management of the World Heritage property, buffer zone and / or area

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surrounding the World Heritage property and buffer zone?

There is **regular contact** with industry regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone and **substantial co-operation** on management

4.3.11 - Comments, conclusions and / or recommendations related to human resources, expertise and training

Although the Ministerial Advisory Committee, which included municipal, landowning, and aboriginal stakeholders, has been discontinued, these stakeholders are consulted on an as required basis, and a "committee" of native elders is consulted on all matters affecting the preservation and interpretation of native history and the use of the buffalo jump.

4.3.12 - Please report any significant changes in the legal status and / or contractual / traditional protective measures and management arrangements for the World Heritage property since inscription or the last Periodic report

4.4. Financial and Human Resources

4.4.1 - Costs related to conservation, based on the average of last five years (relative percentage of the funding sources)

| | |
|---|-----|
| Multilateral funding (GEF, World Bank, etc) | 0% |
| International donations (NGO's, foundations, etc) | 0% |
| Governmental (National / Federal) | 0% |
| Governmental (Regional / Provincial / State) | 75% |
| Governmental (Local / Municipal) | 0% |
| In country donations (NGO's, foundations, etc) | 0% |
| Individual visitor charges (e.g. entry, parking, camping fees, etc.) | 22% |
| Commercial operator payments (e.g. filming permit, concessions, etc.) | 3% |
| Other grants | 0% |

4.4.2 - International Assistance received from the World Heritage Fund (USD)

Comment

n/a

4.4.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available budget is **sufficient** but further funding would enable more effective management to international best practice standard

4.4.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding **are secure** in the medium-term and planning is underway to secure funding in the long-term

4.4.5 - Does the World Heritage property provide economic benefits to local communities (e.g. income, employment)?

There is a **major flow** of economic benefits to local communities from activities in and around the World Heritage property

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4.4.6 - Are available resources such as equipment, facilities and infrastructure sufficient to meet management needs?

There are **adequate** equipment and facilities

4.4.7 - Are resources such as equipment, facilities and infrastructure adequately maintained?

Equipment and facilities are **well maintained**

4.4.8 - Comments, conclusion, and / or recommendations related to finance and infrastructure

4.4.9 - Distribution of employees involved in managing the World Heritage property (% of total)

| | |
|-----------|------|
| Full-time | 100% |
| Part-time | 0% |

4.4.10 - Distribution of employees involved in managing the World Heritage property (% of total)

| | |
|-----------|-----|
| Permanent | 40% |
| Seasonal | 60% |

4.4.11 - Distribution of employees involved in managing the World Heritage property (% of total)

| | |
|-----------|-----|
| Paid | 90% |
| Volunteer | 10% |

4.4.12 - Are available human resources adequate to manage the World Heritage property?

Human resources are **adequate** for management needs

4.4.13 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

| | |
|----------------------------------|------|
| Research and monitoring | Good |
| Promotion | Good |
| Community outreach | Good |
| Interpretation | Good |
| Education | Good |
| Visitor management | Good |
| Conservation | Good |
| Administration | Good |
| Risk preparedness | Good |
| Tourism | Good |
| Enforcement (custodians, police) | Good |

4.4.14 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

| | |
|----------------------------------|------|
| Research and monitoring | High |
| Promotion | High |
| Community outreach | High |
| Interpretation | High |
| Education | High |
| Visitor management | High |
| Conservation | High |
| Administration | High |
| Risk preparedness | High |
| Tourism | High |
| Enforcement (custodians, police) | High |

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4.4.15 - Do the management and conservation programmes at the World Heritage property help develop local expertise?

A capacity development plan or programme is **in place and fully implemented**; all technical skills are being transferred to those managing the property locally, who are assuming leadership in management

4.4.16 - Comments, conclusions and / or recommendations related to human resources, expertise and training

The World Heritage site sits beside and slightly overlaps a First Nations reserve (Piikani) and it is within twenty minutes of the boundary of the largest such reserve in Canada (Kainai). The Blackfoot people are among the last to have used the buffalo jump and are identified as people of the buffalo culture. While the Province of Alberta engages research and management expertise among a large collection of professionals, First Nations comprise the majority of the staff on site.

4.5. Scientific Studies and Research Projects

4.5.1 - Is there adequate knowledge (scientific or traditional) about the values of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?

Knowledge about the values of the World Heritage property is **sufficient**

4.5.2 - Is there a planned programme of research at the property which is directed towards management needs and / or improving understanding of Outstanding Universal Value?

There is a **comprehensive, integrated programme of research**, which is relevant to management needs and / or improving understanding of Outstanding Universal Value

4.5.3 - Are results from research programmes disseminated?

Research results are **shared widely** with the local, national and international audiences

4.5.4 - Please provide details (i.e. authors, title, and web link) of papers published about the World Heritage property since the last Periodic Report

Since the last Periodic Report the most important publication about the site is the book "Imagining Head-Smashed-In: Aboriginal Buffalo Hunting on the Northern Plains" by Jack Brink, published by the Athabaska University Press in 2008.

4.5.5 - Comments, conclusions and / or recommendations related to scientific studies and research projects

The archaeological data, materials, and specimens collected between 1960 (University of Calgary) and 1995 (Archaeological Survey of Alberta) are housed under the auspices of the Royal Alberta Museum in Edmonton, Alberta. So much material has been collected that no further archaeological projects have been undertaken at the site. Years of research exists in this collected data.

4.6. Education, Information and Awareness Building

4.6.1 - At how many locations is the World Heritage emblem displayed at the property?

In many locations and easily visible to visitors

4.6.2 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups

| | |
|--|-----------|
| Local communities / residents | Average |
| Local / Municipal authorities within or adjacent to the property | Average |
| Local Indigenous peoples | Average |
| Local landowners | Average |
| Visitors | Excellent |
| Tourism industry | Average |
| Local businesses and industries | Average |

4.6.3 - Is there a planned education and awareness programme linked to the values and management of the World Heritage property?

There is a limited and *ad hoc* education and awareness programme

4.6.4 - What role, if any, has designation as a World Heritage property played with respect to education, information and awareness building activities?

World Heritage status has influenced education, information and awareness building activities, **but it could be improved**

4.6.5 - How well is the information on Outstanding Universal Value of the property presented and interpreted?

The Outstanding Universal Value of the property is adequately presented and interpreted **but improvements could be made**

4.6.6 - Please rate the adequacy for education, information and awareness building of the following visitor facilities and services at the World Heritage property

| | |
|---------------------------|------------|
| Visitor centre | Excellent |
| Site museum | Not needed |
| Information booths | Excellent |
| Guided tours | Excellent |
| Trails / routes | Poor |
| Information materials | Excellent |
| Transportation facilities | Excellent |
| Other | Not needed |

4.6.7 - Comments, conclusions and / or recommendations related to education, information and awareness building

Although there is a small collection of artefacts and reproductions included in the site displays, the site facility is considered to be an interpretive centre rather than a museum. The site is highly publicized and way-finding and orientation information is readily available at the site itself.

4.7. Visitor Management

4.7.1 - Please provide the trend in annual visitation for the last five years

| | |
|-----------------|----------------|
| Last year | Minor Increase |
| Two years ago | Decreasing |
| Three years ago | Decreasing |
| Four years ago | Decreasing |
| Five years ago | Decreasing |

4.7.2 - What information sources are used to collect trend data on visitor statistics?

| |
|------------------------------|
| Entry tickets and registries |
| Transportation services |
| Tourism industry |

4.7.3 - Visitor management documents

Comment

An extensive series of survey and visitor management reports dating from 1996 to 2008 are available through Alberta Culture.

4.7.4 - Is there an appropriate visitor use management plan (e.g. specific plan) for the World Heritage property which ensures that its Outstanding Universal Value is maintained?

Visitor use of the World Heritage property is **effectively managed** and does not impact its Outstanding Universal Value

4.7.5 - Does the tourism industry contribute to improving visitor experiences and maintaining the values of the World Heritage property?

There is **excellent co-operation** between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation

4.7.6 - If fees (i.e. entry charges, permits) are collected, do they contribute to the management of the World Heritage property?

The fee is collected and makes a **substantial contribution** to the management of the World Heritage property

4.7.7 - Comments, conclusions and / or recommendations related to visitor use of the World Heritage property

At the point of inscription in 1981 it was understood that the reputation of the site would draw large numbers of visitors annually, and it was determined that the most effective method of protecting the site against damage to the attributes of OUV was to establish a major interpretive facility, and a daily year-round presence of site staff to ensure that visitors to the site experienced it only under highly controlled circumstances.

4.8. Monitoring

4.8.1 - Is there a monitoring programme at the property which is directed towards management needs and / or

improving understanding of Outstanding Universal Value?

There is a **comprehensive, integrated programme** of monitoring, which is relevant to management needs and / or improving understanding of Outstanding Universal Value

4.8.2 - Are key indicators for measuring the state of conservation used to monitor how the Outstanding Universal Value of the property is maintained?

Information on the values of the World Heritage property is **sufficient** for defining and monitoring key indicators for measuring its state of conservation

4.8.3 - Please rate the level of involvement in monitoring of the following groups

| | |
|--|----------------|
| World Heritage managers / coordinators and staff | Excellent |
| Local / Municipal authorities | Average |
| Local communities | Average |
| Researchers | Excellent |
| NGOs | Not applicable |
| Industry | Average |
| Local indigenous peoples | Excellent |

4.8.4 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

No relevant Committee recommendations to implement

4.8.5 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee

4.8.6 - Comments, conclusions and / or recommendations related to monitoring

4.9. Identification of Priority Management Needs

4.9.1 - Please select the top 6 managements needs for the property (if more than 6 are listed below)

Please refer to question 5.2

5. Summary and Conclusions

5.1. Summary - Factors affecting the Property

5.1.1 - Summary - Factors affecting the Property

| | World Heritage criteria and attributes affected | Actions | Monitoring | Timeframe | Lead agency (and others involved) | More info / comment |
|---------------|---|---|--|---|-----------------------------------|--|
| 3.3 | Services Infrastructures | | | | | |
| 3.3.2 | Renewable energy facilities | View planes from the main site known as Head-Smashed-In Buffalo Jump are mildly interrupted by the presence of windfarms on the southerly horizons. | None required at present | Monitoring incursions of wind farm construction closer to the boundaries of the World Heritage site | 5 years | Alberta Culture, Heritage Division n/a |
| 3.12 | Invasive/alien species or hyper-abundant species | | | | | |
| 3.12.2 | Invasive/alien terrestrial species | Weed infestations of the prairie grasses are common. | Weed control is handled by Alberta Infrastructure staff. | Weed infestations are monitored by site staff and municipal district authorities. | Ongoing | Alberta Culture, Alberta Infrastructure, Municipal District of Willow Creek No 26 n/a |

5.2. Summary - Management Needs

5.2.2 - Summary - Management Needs

| 4.1 Boundaries and Buffer Zones | | | | | | |
|--|--|--|---|---|--|--|
| | | Actions | Timeframe | Lead agency (and others involved) | More info / comment | |
| 4.1.4 | The boundaries of the World Heritage property are not known by local residents / communities / landowners | New mapping of the inscribed area for the World Heritage site will be formalized and submitted. The landownership within the inscribed boundaries will be determined through the Municipal District and the owners will be contacted and informed. | Direct contact with landowners within the inscribed boundaries will begin in September 2013. | Province of Alberta, Department of Culture, Historic Sites and Museums Branch, Southern Region. | The southern boundary of the inscribed area lies within the Peigan (Piikani) Indian Reserve, requiring contact with Chief and Counsel of the Piikani Nation, and officials of the Department of Aboriginal Affairs and Northern Development. | |
| 4.6 Education, Information and Awareness Building | | | | | | |
| 4.6.3 | There is a limited education and awareness programme | The Interpretation Program for Head-Smashed-In is ultimately based on the sites Outstanding Universal Value. The Education Officer will ensure that the OUV takes preeminence in the development of educational and interpretive programs. | A new season of interpretive training beginning in May 2013 will include the appropriate emphasis on the site's OUV | Province of Alberta, Department of Culture, Historic Sites and Museums Branch, Southern Region, Head-Smashed-In Buffalo Jump World Heritage Site interpretive centre. | n/a | |

Periodic Report - Second Cycle

5.3. Conclusions on the State of Conservation of the Property

5.3.1 - Current state of Authenticity

The authenticity of the World Heritage property has been **preserved**

5.3.2 - Current state of Integrity

The integrity of the World Heritage property is **intact**

5.3.3 - Current state of the World Heritage property's Outstanding Universal Value

The World Heritage property's Outstanding Universal Value has been **maintained**.

5.3.4 - Current state of the property's other values

Other important cultural and / or natural values and the state of conservation of the World Heritage property are **predominantly intact**

5.4. Additional comments on the State of Conservation of the Property

5.4.1 - Comments

The sole change in the surrounding region deserving of comment is the appearance of wind farms on the distant southern and south-eastern horizon when viewed from the cliff and the upper levels of the interpretive/visitor centre.

6. World Heritage Status and Conclusions on Periodic Reporting Exercise

6.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

| | |
|--|----------------|
| Conservation | Very positive |
| Research and monitoring | Very positive |
| Management effectiveness | Very positive |
| Quality of life for local communities and indigenous peoples | Very positive |
| Recognition | Very positive |
| Education | Very positive |
| Infrastructure development | Very positive |
| Funding for the property | Positive |
| International cooperation | Very positive |
| Political support for conservation | Very positive |
| Legal / Policy framework | Very positive |
| Lobbying | Positive |
| Institutional coordination | Positive |
| Security | Very positive |
| Other (please specify) | Not applicable |

6.2 - Comments, conclusions and / or recommendations related to World Heritage status

The Province of Alberta is dedicated to the protection of the integrity of Head-Smashed-In Buffalo Jump and to the wide dissemination of the knowledge of Canada's early people particularly as it relates to the Outstanding Universal Values of the site.

Section II-Head-Smashed-In Buffalo Jump

6.3 - Entities involved in the preparation of this Section of the Periodic Report

| |
|--|
| Governmental institution responsible for the property |
| Site Manager/Coordinator/World Heritage property staff |
| Indigenous peoples |

6.4 - Was the Periodic Reporting questionnaire easy to use and clearly understandable?

yes

6.5 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

1. Provision of sufficient space to include edited versions of text being suggested as replacement or edited texts. 2. Easier navigation tools through the "pages" of the report.

6.6 - Please rate the level of support for completing the Periodic Report questionnaire from the following entities

| | |
|----------------------------|-----------|
| UNESCO | Very poor |
| State Party Representative | Very good |
| Advisory Body | Very poor |

6.7 - How accessible was the information required to complete the Periodic Report?

Most of the required information was accessible

6.8 - The Periodic Reporting process has improved the understanding of the following

| |
|---|
| The World Heritage Convention |
| The concept of Outstanding Universal Value |
| The property's Outstanding Universal Value |
| The concept of Integrity and / or Authenticity |
| The property's Integrity and / or Authenticity |
| Managing the property to maintain the Outstanding Universal Value |
| Monitoring and reporting |
| Management effectiveness |

6.9 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

| | |
|-----------------|----------------|
| UNESCO | Not Applicable |
| State Party | Excellent |
| Site Managers | Excellent |
| Advisory Bodies | Not Applicable |

6.10 - Summary of actions that will require formal consideration by the World Heritage Committee

• Geographic Information Table

Reason for update: There is an error between the mapping and the estimated size of the inscribed area. According to the coordinates, the inscribed area covers 35.75 sections of land which comprises 22,880 acres or 9,259 Hectares, not the 4,000 hectares listed in the document. The single coordinate listed is not accurate. It neither identifies the primary kill site known as Head-Smashed-In Buffalo Jump. Nor is it useful in describing the inscribed area.

• Map(s)

Reason for update: The map that is linked to the periodic report is merely a schematic of the inscribed area. Canada will address this in the upcoming

Retrospective Inventory process to be carried out in 2013.

6.11 - Comments, conclusions and / or recommendations related to the Assessment of the Periodic Reporting exercise