Yosemite National Park

1. World Heritage Property Data

1.1 - Name of World Heritage property

Yosemite National Park

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)		Total (ha)	Inscription year
Yosemite National Park	37.746 / -119.597	307934	0		307934	1984
Total (ha)		307934	0		307934	
1.4 - Map(s)						
Title		Date		Link to sou	irce	
Yosemite National Park		2006	3			

1.5 - Web and Social Media data of the property (if applicable)

- 1. Yosemite National Park (U.S. National Park Service)
- 2. World Heritage in the United States

Comment

Replace #2 with https://www.nps.gov/subjects/internationalcooperation/worldheritage.htm

2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

		The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme	The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme
2.1.1	International Register of Cultural Property under Special Protection (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.2	List of Cultural Property under Enhanced Protection (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.3	The List of Wetlands of International Importance (The Ramsar List) (Convention on Wetlands of International Importance (Ramsar Convention))		×
2.1.4	World Network of Biosphere Reserves Man and the Biosphere (MAB) Programme		×
2.1.5	Global Geoparks Network UNESCO Global Geoparks		×

2.2 - Please provide comments on 2.1 if necessary

2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

No

2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?

2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?

No

2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years? No

2.7.1	1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	x
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.2	Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	×
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.3	Convention on Wetlands of International Importance (Ramsar Convention)	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	×
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.4	Man and the Biosphere (MAB) Programme	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	×
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.5	UNESCO Global Geoparks	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	x
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	

2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes

2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)

2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?

No

2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware

2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?

No

2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you aware.

3. Statement of Outstanding Universal Value

3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee

Statement of Outstanding Universal Value Brief Synthesis Yosemite National Park vividly illustrates the effects of glacial erosion of granitic bedrock, creating geologic features that are unique in the world. Repeated glaciations over millions of years have resulted in a concentration of distinctive landscape features, including soaring cliffs, domes, and free-falling waterfalls. There is exceptional glaciated topography, including the spectacular Yosemite Valley, a 1 kilometer (1/2 mile) deep, glacier-carved cleft with massive sheer granite walls. These geologic features provide a scenic backdrop for mountain meadows and giant sequoia groves, resulting in a diverse landscape of exceptional natural and scenic beauty.

Criterion (vii): Yosemite has exceptional natural beauty, including five of the world's highest waterfalls, a combination of granite domes and walls, deeply incised valleys, three groves of giant sequoia, numerous alpine meadows, lakes and a diversity of life zones.

Criterion (viii): Glacial action combined with the granitic bedrock has produced unique and pronounced landform features including distinctive polished dome structures, as well as hanging valleys, tarns, moraines and U-shaped valleys. Granitic landforms such as Half Dome and the vertical walls of El Capitan are classic distinctive reflections of geologic history. No other area portrays the effects of glaciation on underlying granitic domes as well as Yosemite does.

Integrity

The property consists of over 300,000 hectares, one of the largest and least fragmented areas in California's Sierra Nevada mountain range. Approximately 95% of the park is designated wilderness. The entire park is surrounded by four national forests, several adjacent portions of which are designated wilderness areas, thereby providing connectivity with the larger landscape. However, there are concerns about increasing development outside park boundaries.

There are no significant threats to the property's geologic or geomorphological values. Visitation numbers, while high in certain areas, are largely restricted to the small portion of the park that has been developed, though preventing overcrowding in developed areas is an ongoing concern.

Threats to park resources and the integrity of park ecosystems include loss of natural fire as a process, air pollutants and air-borne contaminants, global climate change, direct impacts to resources from high visitation in some areas of the park such as human-wildlife conflicts, habitat fragmentation from both outside and inside park boundaries, and the invasion of non-native plant and animal species. The park is actively attempting to control the non-native plant species that pose the most serious threat, such as yellow star-thistle, bull thistle, and Himalayan blackberry. The presence of wild turkeys, bullfrogs, introduced fish and other non-native animal species in Yosemite threaten the park's native species including such rare species as the Sierra Nevada yellow legged frog.

Protection and management requirements

Park management plans for the property have identified a number of resource protection measures, such as environmental assessment processes, zoning, ecological integrity and visitor monitoring, and education programs to address pressures arising from issues both inside and outside the property.

Designated by the U.S. Congress in 1890 as a national park, Yosemite National Park is managed under the authority of the *Organic Act* of August 25, 1916 which established the United States National Park Service. In addition, the park has specific enabling legislation which provides broad congressional direction regarding the primary purposes of the park. Numerous other federal laws bring additional layers of protection to the park and its resources. Day to day management is directed by the Park Superintendent.

Management goals and objectives for the property have been developed through a General Management Plan, which has been supplemented in recent years with more site-specific planning exercises as well as numerous plans for specific issues and resources. In addition, the National Park Service has established Management Policies which provide broader direction for all National Park Service units, including Yosemite.

The national park has a large and well-trained staff and works closely with other land and water management agencies in the larger Sierra Nevada region to protect shared resources. One example is the California Landscape Conservation Cooperative, which brings together science and resource management to inform climate adaptation strategies to address climate change and other stressors within this ecological region.

Long-term protection and effective management of the site from potential threats requires continued monitoring of resource conditions, such as through the NPS Inventory and Monitoring (I&M) program. The Sierra Nevada I&M network, of which Yosemite is a part, has developed several "vital signs" to track a subset of physical, chemical and biological elements and processes selected to represent the overall health or condition of park resources. In Yosemite, these vital signs include bird populations, weather and climate, water chemistry, plant communities, fire regimes and others.

Yosemite is the sacred ancestral homelands of several traditionally-associated American Indian tribes and groups. The landscape reflects generations of American Indian land management, attesting to their deep ecological, cultural and spiritual ties to the area. Traditional cultural practices continue today and the ceremonies, and spiritual and traditional practices are critically important in retaining the sacred nature of Yosemite and its native culture.

3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Scenery: cliffs, waterfalls, granite domes	×			
3.2.2	Merced and Tuolumne Wild and Scenic Rivers	×			
3.2.3	Geology/geomorphology: evidence of glaciation	×			
3.2.4	Alpine meadows and lakes	×			
3.2.5	Giant sequoia trees	×			
3.2.6					
3.2.7					
3.2.8					
3.2.9					
3.2.10					
3.2.11					
3.2.12					
3.2.13					

3.2.14			
3.2.15			

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

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

- Previous answer Cycle 2 (19/08/2013):
 - Relevant, Negative, Current, Inside

Relevant	X Not relevant	
 4.1.2 - Commercial development Previous answer Cycle 2 (19/08/2013): Relevant, Negative, Current, Potential, Inside 		
Relevant	X Not relevant	
4.1.3 - Industrial areas		

Previous answer Cycle 2 (19/08/2013):

Not relevant

Relevant

× Not relevant

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Inside

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	C Outside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×		×			1

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (19/08/2013):

• Relevant, Positive, Current, Inside, Outside

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	4 Current	Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive X	×		×	×			
Negative							

4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Inside, Outside

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	Gurrent	Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing	
O Positive								
Negative X	×	×	×	×			1	

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (19/08/2013):

Not relevant

Relevant			X Not relevant				
4.2.3 - Air transport infrasi Previous answer Cycle 2 (19/08 • Not relevant	t ructure /2013):						
Relevant	X Not relevant						
 4.2.4 - Marine transport infrastructure Previous answer Cycle 2 (19/08/2013): Relevant, Negative, Current, Inside, Outside 							
Relevant			X Not relevant				
4.2.5 - Effects arising from Previous answer Cycle 2 (19/08 • Not relevant	use of transpo /2013):	rtation infrastru	cture				
X Relevant			I	Not relevant			
	Impact		Origin		Trend of impact		
Impact	Gurrent	9 Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							

4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

×

×

Negative X

Traffic congestion has long been a major issue at Yosemite Valley, Glacier Point, Tenaya Lake, Tuolumne Meadows, and other areas. Transportation infrastructure (i.e. roadways and parking) is insufficient for current visitation levels, however transportation infrastructure cannot be increased without unacceptable impacts to park resources and values. During the pandemic, a reservation system was implemented during the peak season and congestion was dramatically reduced.

×

4.3. Services Infrastructures

4.3.1 - Water infrastructure

- Previous answer Cycle 2 (19/08/2013):
 - Relevant, Positive, Negative, Current, Inside

×

X Relevant				Not relevant				
	Impact Origin			Trend of impact				
Impact	4 Current	9 Potential	Inside	Cutside	> Decreasing	⇒ Stable	Increasing	
O Positive								
Negative X	×		×			→		
 I.3.2 - Renewable energy facilities Previous answer Cycle 2 (19/08/2013): Relevant, Positive, Current, Inside 								
× Relevant			1	Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	Potential	Inside	Outside	> Decreasing	⇒ Stable	Increasing	
					J	etable	-	
O Positive X	×		×		, and the second s	→	-	
 Positive X Negative 	×		×			→		

Relevant

× Not relevant

4.3.4 - Localised utilities

Previous answer Cycle 2 (19/08/2013):

• Relevant, Positive, Negative, Current, Potential, Inside

X Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Gurrent	Potential	 Inside 	Cutside	Solution Decreasing	⇒ Stable	Increasing
O Positive X	×	×	×			→	
Negative X	×	×	×			\rightarrow	

4.3.5 - Major linear utilities

Previous answer Cycle 2 (19/08/2013):

Not relevant

Relevant X Not relevant

4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

Hetch Hetchy Reservoir is a large reservoir within the park. Communications infrastructure has minimal visual impacts (negative) and is necessary for park operations and visitor services (positive). Some developed areas within the park have small wastewater systems; a large wastewater treatment plant (El Portal) is outside the park.

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (19/08/2013):

Not relevant

Relevant	X Not relevant
 4.4.2 - Ground water pollution Previous answer Cycle 2 (19/08/2013): Relevant, Negative, Current, Inside 	
× Relevant	Not relevant

	Impact		Origin		Trend of impact		
Impact	Current	Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×		×			a	

4.4.3 - Surface water pollution

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Inside

X Relevant				Not relevant			
	Impact Origin			Drigin Trend of impact			
Impact	4 Current	Potential	 Inside 	Cutside	Stable → Stable		Increasing
O Positive							
Negative X	×	×	×	×			1

4.4.4 - Air pollution

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Outside

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	9 Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×	×			

4.4.5 - Solid waste

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Inside

X Relevant					Not relevant			
	Impact		Origin		Trend of impact			
Impact	4 Current	Potential	Inside	C Outside	Solution Decreasing	⇒ Stable	Increasing	
O Positive								
Negative X	×	×	×		N			
4.4.6 - Input of excess ener Previous answer Cycle 2 (19/08/ • Not relevant	rgy /2013):							

Relevant

× Not relevant

4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

Nitrogen deposition is a concern, particularly at high elevations. High ozone levels are persistent, largely drifting into the Park from the adjacent San Joaquin Valley. Smoke (i.e. particular matter 2.5) is increasing, both inside and outside the park: partially due to climate change causing larger fires with higher severity of effects.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

- Previous answer Cycle 2 (19/08/2013):
 - Not relevant

Relevant	X Not relevant
 4.5.2 - Aquaculture Previous answer Cycle 2 (19/08/2013): Not relevant 	
Relevant	X Not relevant
 4.5.3 - Land conversion Previous answer Cycle 2 (19/08/2013): Not relevant 	
Relevant	X Not relevant
 4.5.4 - Livestock farming/Grazing of domesticated animals Previous answer Cycle 2 (19/08/2013): Not relevant 	
Relevant	X Not relevant
 4.5.5 - Crop production Previous answer Cycle 2 (19/08/2013): Not relevant 	
Relevant	X Not relevant
 4.5.6 - Commercial wild plant collection Previous answer Cycle 2 (19/08/2013): Not relevant 	
Relevant	X Not relevant
 4.5.7 - Subsistence wild plant collection Previous answer Cycle 2 (19/08/2013): Not relevant 	
Relevant	X Not relevant

4.5.8 - Commercial hunting

Previous answer Cycle 2 (19/08/2013):

Not relevant

Relevant	X Not relevant
4.5.9 - Subsistence huntingPrevious answer Cycle 2 (19/08/2013):Not relevant	
Relevant	X Not relevant
 4.5.10 - Forestry/Wood production Previous answer Cycle 2 (19/08/2013): Not relevant 	
Relevant	X Not relevant
4.5.11 - Please comment as necessary on how the factors positively Very low levels of plant gathering is allowed for on-site personal consu	selected as relevant in 4.5 are affecting the property either negatively or mption by visitors and for cultural uses by local Indian tribes.
4.6. Physical resource extraction	
4.6.1 - Mining Previous answer Cycle 2 (19/08/2013): • Not relevant	
Relevant	X Not relevant
4.6.2 - QuarryingPrevious answer Cycle 2 (19/08/2013):Not relevant	
Relevant	X Not relevant
4.6.3 - Oil and gasPrevious answer Cycle 2 (19/08/2013):Not relevant	
Relevant	X Not relevant
 4.6.4 - Water (extraction) Previous answer Cycle 2 (19/08/2013): Not relevant 	
Relevant	X Not relevant
4.6.5 - Please comment as necessary on how the factors	selected as relevant in 4.6 are affecting the property either negatively or

positively

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (19/08/2013):

Not relevant

Relevant

× Not relevant

4.7.2 - Relative humidity

Previous answer Cycle 2 (19/08/2013):

Not relevant

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	4 Current	Potential	Inside	Cutside	> Decreasing	⇒ Stable	Increasing
Operative							
Negative X	×	×	×	×	N		

4.7.3 - Temperature

Previous answer Cycle 2 (19/08/2013):

Not relevant

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	C Outside	Secreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×	×			
7.4 - Radiation/Light evious answer Cycle 2 (19/ • Not relevant	/08/2013):						
Relevant		X Not I					
7.5 - Dust revious answer Cycle 2 (19/ • Not relevant	/08/2013):						
Relevant		× Not					
7.6 - Water (rain/water evious answer Cycle 2 (19/ • Relevant, Negative, Po	table) /08/2013): otential, Inside						
K Relevant				Not relevent			
				Not relevant			
	Impact		Origin	Notrelevant	Trend of impact		
mpact	Impact	4 Potential	Origin Inside	C Outside	Trend of impact	⇒ Stable	Increasing
mpact O Positive	Impact 약 Current	Potential	Origin ④ Inside	C Outside	Trend of impact	⇒ Stable	Increasing
mpact	Impact 역 Current	Potential	Origin © Inside ×	C Outside	Trend of impact	→ Stable	Increasing
Impact Positive Negative X 7.7 - Pests evious answer Cycle 2 (19/ Relevant, Negative, Cu	/08/2013): urrent, Potential, In-	Potential X	Origin Origin Inside	C Outside	Trend of impact	→ Stable	Increasing
Impact Positive Negative X 7.7 - Pests evious answer Cycle 2 (19/ Relevant, Negative, Cu X Relevant	/08/2013): urrent, Potential, In:	Potential	Origin Inside	Vot relevant	Trend of impact	→ Stable	Increasing
Impact Positive Negative × 7.7 - Pests revious answer Cycle 2 (19/ • Relevant, Negative, Co	/08/2013): urrent, Potential, In:	Potential X	Origin Cinside X Origin Origin	Not relevant	Trend of impact Decreasing Trend of impact	→ Stable	A Increasing
Impact Positive Negative × 7.7 - Pests evious answer Cycle 2 (19) Relevant, Negative, Co Relevant Impact	Impact ¶ Current /08/2013): urrent, Potential, In Impact ¶ Current	Potential X side	Origin Cinside X Origin Origin Cinside	Not relevant Image: Control of the evant Image: Control of the evant	Trend of impact Decreasing Trend of impact	→ Stable	Increasing
mpact Positive Negative × 7.7 - Pests evious answer Cycle 2 (19/ Relevant, Negative, Co Relevant mpact Positive	Impact Im	Potential × side	Origin Cinside	Not relevant Control of the evant Control	Trend of impact Decreasing Trend of impact Decreasing	→ Stable	Increasing
mpact Positive Negative X 7.7 - Pests evious answer Cycle 2 (19/ Relevant, Negative, Cu Relevant mpact Positive Negative X	Impact Im	Potential	Origin Cinside	Not relevant Control of the evant Control	Trend of impact Decreasing Trend of impact Trend of impact Decreasing	→ Stable	Increasing
Impact Positive Negative × 7.7 - Pests evious answer Cycle 2 (19/ Relevant, Negative, Cu Relevant Impact Positive Negative × 7.8 - Micro-organisms evious answer Cycle 2 (19/ Not relevant	Impact Im	Side Potential	 Origin Inside X X Origin Origin Inside X 	Not relevant Coutside X X X Y <td>Trend of impact Decreasing Trend of impact Trend of impact Decreasing</td> <td>→ Stable</td> <td>Increasing</td>	Trend of impact Decreasing Trend of impact Trend of impact Decreasing	→ Stable	Increasing

positively

With climate change, temperature is increasing and relative humidity is decreasing, both of which affect fire behavior. Non-native fish are widespread in mid- and high-elevations, affecting aquatic resources.

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (19/08/2013):

• Relevant, Positive, Current, Outside

Relevant

× Not relevant

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (19/08/2013):

• Relevant, Positive, Current, Inside

X Relevant				Not relevant				
	Impact Origin			Trend of impact				
Impact	4 Current	Potential	 Inside 	C Outside	> Decreasing	⇒ Stable	Increasing	
O Positive X	×	×	×					
Negative								

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (19/08/2013):

• Relevant, Positive, Current, Inside

X Relevant				Not relevant				
	Impact Origin			rigin Trend of impact				
Impact	4 Current	Potential	 Inside 	Cutside	Secreasing	⇒ Stable	Increasing	
O Positive X	×	×	×					
Negative								

4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Outside

X Relevant				Not relevant				
	Impact Origin			rigin Trend of impact				
Impact	4 Current	9 Potential	 Inside 	C Outside	> Decreasing	⇒ Stable	Increasing	
O Positive								
Negative X	×	×	×	×				

4.8.5 - Identity, social cohesion, changes in local population and community

Previous answer Cycle 2 (19/08/2013):

• Relevant, Positive, Negative, Current, Potential, Outside

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	Potential	Inside	C Outside	Secreasing	⇒ Stable	Increasing	
O Positive X	×	×		×				
Negative X	×	×		×				

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (19/08/2013):

• Relevant, Positive, Negative, Current, Potential, Inside, Outside

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	Potential	Inside	Cutside	Secreasing	⇒ Stable	Increasing	
Positive X	×	×	×	×				
Negative X	×	×	×	×				

4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

High cost of living, particularly housing, is affecting employees of all employers who provide visitor services. Tribal engagement is improving and increasing.

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Inside, Outside

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	9 Potential	Inside	Cutside	Solution Decreasing	⇒ Stable	Increasing	
O Positive								
Negative X	×	×	×	×				

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Inside, Outside

X Relevant			1	Not relevant			
	Impact		Origin		Trend of impact		
Impact	4 Current	Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×	×			

4.9.3 - Military training

Previous answer Cycle 2 (19/08/2013):

Not relevant

Relevant	X Not relevant
4.9.4 - War	
Previous answer Cycle 2 (19/08/2013):	
Not relevant	
Relevant	X Not relevant
4.9.5 - Terrorism	
Previous answer Cycle 2 (19/08/2013):	
Not relevant	
Relevant	X Not relevant
4.9.6 - Civil unrest	
Previous answer Cycle 2 (19/08/2013):	
Not relevant	

Relevant

× Not relevant

4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

A small amount of poaching occurs in the Park.

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (19/08/2013):

Relevant, Negative, Potential, Inside, Outside

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	9 Potential	Inside	C Outside	Secreasing	⇒ Stable	Increasing	
Positive X	×	×				\rightarrow		
Negative X	×	×	×	×			1	

4.10.2 - Flooding

Previous answer Cycle 2 (19/08/2013):

• Relevant, Positive, Negative, Current, Potential, Inside

× Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	4 Current	Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive X	×		×			\rightarrow	
Negative X	×		×				1

4.10.3 - Drought

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Inside, Outside

× Relevant			1	Not relevant			
	Impact		Origin		Trend of impact		
Impact	4 Current	9 Potential	 Inside 	C Outside	> Decreasing	⇒ Stable	Increasing
O Positive X	×	×					
Negative X	×	×	×	×			

4.10.4 - Desertification

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Potential, Inside, Outside

×	Not relevant
* *	NOUTEREVAIL

4.10.5 - Changes to oceanic waters

- Previous answer Cycle 2 (19/08/2013):
 - Relevant, Negative, Potential, Outside

Relevant

Relevant

× Not relevant

4.10.6 - Temperature change

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Outside

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×		×			/

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Outside

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	9 Potential	Inside	Cutside	> Decreasing	⇒ Stable	Increasing	
O Positive								
🤤 Negative 🗙	×	×		×			1	

4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively

Storms, lightning, flooding, and even drought are natural processes (positive). These processes will change due to climate change (negative). Water is particularly important at Yosemite, and changes in rain/snow patterns are potentially large, along with increases in evapotranspiration due to higher temps and drier air masses. Yosemite is experiencing range shifts of plant and animal species and increased fire severity.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Potential, Outside

× Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	4 Current	9 Potential	Inside	Cutside	> Decreasing	⇒ Stable	Increasing
Positive							
Negative X		×		×			

4.11.2 - Earthquake

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Potential, Inside, Outside

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	Potential	Inside	C Outside	Secreasing	⇒ Stable	Increasing	
O Positive								
Negative X		×	×	×				

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (19/08/2013):

Not relevant

Relevant

× Not relevant

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Inside

X Relevant			I	Not relevant					
	Impact		Origin		Trend of impact				
Impact	4 Current	9 Potential	 Inside 	Cutside	Solution Decreasing	⇒ Stable	Increasing		
Positive X									
Negative X	×	×	×						

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Inside

X Relevant	I	Not relevant					
	Impact		Origin		Trend of impact		
Impact	Current	9 Potential	 Inside 	C Outside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×				

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Inside, Outside

X Relevant	I	Not relevant					
	Impact		Origin		Trend of impact		
Impact	4 Current	9 Potential	Inside	Cutside	> Decreasing	⇒ Stable	Increasing
OPositive X	×	×	×	×		→	
Negative X	×	×	×	×			1

4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively

Avalanches, landslides and lightning-caused fire are natural processes. Fire is a particularly important natural process, with abundant lightning in the Slerra Nevada mountains couples with receptive fuels. Altered fire regimes are resulting in higher severity fire, and human-caused wildfires are increasing in size with generally undesirable fire effects.

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

- Previous answer Cycle 2 (19/08/2013):
 - Relevant, Negative, Current, Potential, Outside

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	4 Current	Potential	 Inside 	C Outside	Solution Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×		×			\rightarrow	

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Outside

X Relevant				Not relevant				
	Impact Origin			Drigin Trend of impact				
Impact	Current	Potential	 Inside 	C Outside	> Decreasing	⇒ Stable	Increasing	
O Positive								
Negative X	×	×		×			1	

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (19/08/2013):

• Relevant, Negative, Current, Potential, Outside

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	Gurrent	9 Potential	Inside	C Outside	> Decreasing	⇒ Stable	Increasing	
O Positive								
Negative X	×	×		×				

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (19/08/2013):

Not relevant

Relevant

× Not relevant

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (19/08/2013):

Relevant, Negative, Current, Potential, Inside, Outside

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	9 Potential	Inside	C Outside	> Decreasing	⇒ Stable	Increasing	
O Positive								
Negative X	×	×	×	×				

4.12.6 - Modified genetic material

Previous answer Cycle 2 (19/08/2013):

Relevant, Negative, Potential, Outside

× Relevant

	Impact		Origin		Trend of impact		
Impact	4 Current	Potential	Inside	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X		×		×			

4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively

Fish stocking is no longer allowed at Yosemite, but the widespread impacts of previous stocking continues. In some locations, deer may be overly abundant due to lack of predators (i.e. mountain lions) in developed areas.

4.13. Management and institutional factors

4.13.1 - Management system/Management plan

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	4 Current	Potential	 Inside 	C Outside	Solution Decreasing	⇒ Stable	Increasing
O Positive X	×		×			→	
Negative							

4.13.2 - Legal framework

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	4 Current	9 Potential	 Inside 	C Outside	> Decreasing	⇒ Stable	Increasing
O Positive X	×		×			→	
Negative							

4.13.3 - Governance

X Relevant				Not relevant				
	Impact Origin				Trend of impact	l of impact		
Impact	4 Current	9 Potential	 Inside 	C Outside	> Decreasing	⇒ Stable	Increasing	
Positive X	×		×			→		
Negative								

4.13.4 - Management activities

Previous answer Cycle 2 (19/08/2013):

• Relevant, Positive, Negative, Current, Potential, Inside

X Relevant	I	Not relevant							
	Impact		Origin		Trend of impact				
Impact	4 Current	Potential	Inside	Cutside	> Decreasing	⇒ Stable	Increasing		
O Positive X	×	×	×			\rightarrow			
Negative									

4.13.5 - Financial resources

X Relevant	1	Not relevant							
	Impact Origi			Origin Trend of impact					
Impact	Gurrent	Potential	 Inside 	C Outside	Solution Decreasing	⇒ Stable	Increasing		
O Positive X	×		×			\rightarrow			
Negative									

4.13.6 - Human resources

× Relevant

	Impact		Origin		Trend of impact				
Impact	4 Current	9 Potential	 Inside 	Cutside	Solution Decreasing	⇒ Stable	Increasing		
Positive X	×		×			\rightarrow			
Negative									

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (19/08/2013):

• Relevant, Positive, Current, Potential, Inside, Outside

X Relevant		Not relevant						
	Impact Origin			Trend of impact				
Impact	4 Current	9 Potential	 Inside 	Cutside	Secreasing	⇒ Stable	Increasing	
O Positive X	×	×	×	×				
Negative								

4.13.8 - High impact research/monitoring activities

- Previous answer Cycle 2 (19/08/2013):
 - Relevant, Negative, Potential, Outside

X Relevant		Not relevant						
	Impact Or				Trend of impact			
Impact	4 Current	Potential	 Inside 	Cutside	Solution Decreasing	⇒ Stable	Increasing	
Positive X	×		×			→		
Negative								

4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively

Yosemite's management plans are current: General Management Plan, Merced River Plan, and Tuolumne River Plan. Currently, a Visitor Access Management Plan is being developed to select and implement a long-term solution to user capacity. Yosemite has a strong legal framework with protective enabling legislation and a robust policy framework that applies to all U.S. National Parks. Yosemite has a strong research program to inform management decisions.

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact			Origin		Trend				
4.1 Buildings and Development										
4.1.4 Major visitor accommodation and associated infrastructure										
	0	9	9		Ċ					
4.1.5 Interpretative and visitation facilities	•	9		۹	٢					
4.2 Transportation Infrastructure										
4.2.1 Ground transport infrastructure										
	0	9	9	٢	Ċ	1				
4.2.5 Effects arising from use of transportation infrastructure										
	0	9	9	۲	Ċ	1				
4.3 Services Infrastructures										
4.3.1 Water infrastructure										
	0	9		٢		→				
4.3.2 Renewable energy facilities	٢	4		٩		→				

4.3.4 Localised utilities	٩	9	9	٢		→
	0	9	9	٢		→
4.4 Pollution						
4.4.2 Ground water pollution						
	0	9		٢		→
4.4.3 Surface water pollution						
	9	9	9	۲	G	
4.4.4 Air pollution						
	9	9	9	٢	Ċ	
4.4.5 Solid waste						
	0	9	9	٢		\$
4.7 Local conditions affecting physical fabric						
4.7.2 Relative humidity						
	0	4	9	٩	٢	N
4.7.3 Temperature						
	0	4	9	۹	Ċ	1
4.7.6 Water (rain/water table)						
	0		9	٢	Ċ	
4.7.7 Pests						
	0	4	9	۹		
4.8 Social/Cultural uses of heritage						
4.8.2 Society's valuing of heritage	٢	4	9	۹		
4.8.3 Indigenous hunting, gathering and collecting	٢	9	9	٢		
4.8.4 Changes in traditional ways of life and knowledge system						
	9	4	9	۲	Ċ	
4.8.5 Identity, social cohesion, changes in local population and community	٢	4	9		Ċ	
	9	4	9		Ċ	
4.8.6 Impacts of tourism/Visitation/Recreation	٢	9	9	٢	Ċ	
	0	4	9	٢	Ċ	
4.9 Other human activities						
4.9.1 Illegal activities						
	6	a	Ø		<i>(</i> #	
4.9.2 Deliberate destruction of heritage						
The Demonate destruction of heritage		1	1	0	76	
	•	4	4	Q	G	
4. IU Chimate change and severe weather events	0	~7	~7			
4.10.1 Storms	U	4	4			-
410.2 Electring		4	4	0	G	-
		-1		9		
		-1	<i>с</i> ?	Q		
4.10.3 Drought	U	4	4			
		4	4	٢	G	

4.10.6 Temperature change	0	9	9		G	,
4.10.7 Other climate change impacts						
	0	9	9		Ċ	
4.11 Sudden ecological or geological events						
4.11.1 Volcanic eruption						
	0		9		۴	
4.11.2 Earthquake						
	0		9	۲	Ċ	
4.11.4 Avalanche/Landslide	٢					
	0	9	9	۲		
4.11.5 Erosion and siltation/Deposition						
	0	9	9	٢		
4.11.6 Fire (wildfire)	٢	9	9	۲	Ċ	→
	0	9	9	٢	Ċ	
4.12 Invasive/alien species or hyper-abundant species						
4.12.1 Translocated species						
	0	9		۲		→
4.12.2 Invasive/Alien terrestrial species						
	0	9	9		Ċ	
4.12.3 Invasive/Alien freshwater species						
	0	4	9		Ċ	
4.12.5 Hyper-abundant species						
	0	4	9	٢	Ċ	
4.12.6 Modified genetic material						
	0		9		œ	
4.13 Management and institutional factors						
4.13.1 Management system/Management plan	٢	9		٢		→
4.13.2 Legal framework	0	4		٥		→
4 13 3 Governance	0					
	•	7				
		~7	~7			
4.15.4 management activities	•	4	4	٩		7
		~				
4.13.5 Financial resources	٢	4		٢		→
4.13.6 Human resources	٢	4		٢		→
4.13.7 Low impact research/monitoring activities	٢	9	9	۲	Ċ	
4.13.8 High impact research/monitoring activities	\odot	9		۲		

Legend	4 Current	Potential	Negative	O Positive	Inside	C Outside

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

Name		Impact			Origin		Trend
4.1.4 Major	visitor accommodation and associated infrastructure						
		0	4	9		Ċ	
Spatial sca	le - Area affected by the factor						
×	Restricted						
~~	L ocalised						
	Extensive						
	Widespread						
Temporal s	cale - Occurrence of the impact						
. emperare							
~							
Impact - Im	nact on the attributes						
inpuot in							
×	Minor						
~~	Significant						
	Maior						
Manageme	nt response - Capacity of management to respond						
×							
~	Medium canacity						
	No capacity and / or resources						
Trend - Dev	velonement over the last 6 years						
Tiena - Dev							
~	Static						
~							
Name		Impact			Origin		Trend
4.1.5 Interp	retative and visitation facilities	•	9		٢	Ċ	
Spotial as -	In - Area affected by the factor						
opatiai sca							
~							

	Widespread							
Temporal s	cale - Occurence of the impact							
	One off or rare							
	Intermittent or sporadic							
	Frequent							
×	On-going							
Impact - Im	Impact - Impact on the attributes							
	Insignificant							
×	Minor							
	Significant							
	Major							
Manageme	nt response - Capacity of management to respond							
×	High capacity							
	Medium capacity							
	Low capacity							
	No capacity and / or resources							
Trend - Dev	relopement over the last 6 years							
	Decreasing							
×	Static							
	Increasing							

4.2 Transportation Infrastructure

Name		Impact			Origin		Trend
4.2.1 Grou	nd transport infrastructure						
		0	9	9	۲	Ċ	
Spatial sca	le - Area affected by the factor						
×	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
×	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						

	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	elopement over the last 6 years
	Decreasing
×	Static
	Increasing

Name	Impact		t Origin			Trend
4.2.5 Effects arising from use of transportation infrastructure						
	0	9	9	۲	Ċ	1

Spatial scale - Area affected by the factor

×	Restricted
	Localised
	Extensive
	Widespread
Temporal s	cale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

4.3 Services Infrastructures

Name		Impact		Orig		Trend
4.3.1 Water infrastructure						
		0	4	۲		→
Spatial sca	Spatial scale - Area affected by the factor					
x	Restricted					
~						

	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

Name		Impact		Origin	Trend
4.3.2 Renew	vable energy facilities	٢	9	۲	→
Spatial sca	e - Area affected by the factor				
×	Restricted				
	Localised				
	Extensive				
	Widespread				
Temporal s	cale - Occurence of the impact				
	One off or rare				
	Intermittent or sporadic				
	Frequent				
×	On-going				
Impact - Im	pact on the attributes				
	Insignificant				
×	Minor				
	Significant				
	Major				
Manageme	nt response - Capacity of management to respond				

×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static

Name	Impact		Impact C		Trend
4 Localised utilities		9	9	۲	→
	0	9	9	۹	→

Spatial scale - Area affected by the factor

Spatial Sca	
×	Restricted
	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	npact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Manageme	ent response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

4.4 Pollution

Name	Impact		Impact		Impact		Impact		Impact		Impact		Impact		npact		npact		Impact		mpact		Impact		Impact		Impact		Impact		Trend												
4.4.2 Ground water pollution																																											
	0	4		۹	→																																						
Spatial scale - Area affected by the factor																																											

×	Restricted
	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
×	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Im	npact on the attributes
×	Insignificant
	Minor
	Significant
	Major
Manageme	Int response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
×	Decreasing
	Static
	Increasing

Name	Impact		Origin		Trend	
4.4.3 Surface water pollution						
	0	4	9	۲	Ċ	

Spatial sca	Ile - Area affected by the factor
×	Restricted
	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
×	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Im	spact on the attributes
×	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond

-	
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

Name	Impact		Origin		Trend	
4.4.4 Air pollution						
	0	9	9	۲	Ċ	1

opatiai sea						
	Restricted					
	Localised					
	Extensive					
×	Widespread					
Temporal s	cale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going .					
Impact - Im	pact on the attributes					
	Insignificant					
×	Minor					
	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	elopement over the last 6 years					
	Decreasing					
×	Static					
	Increasing					
Name		Impact			Origin	Trend
4.4.5 Solid	waste					
		0	9	9	٢	N

	Restricted
×	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	pact on the attributes
×	Insignificant
	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
×	Decreasing
	Static
	Increasing

4.7 Local conditions affecting physical fabric

Name		Impact			Origin		Trend
4.7.2 Relati	4.7.2 Relative humidity						
		0	9	9	٢	F	\$
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
×	Minor						
	Significant						

Major	
-------	--

Management response	a - Capacity of	f management	to respond
---------------------	-----------------	--------------	------------

×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	elopement over the last 6 years
×	Decreasing
	Static

Increasing

Name	Impact		Origin		Trend	
4.7.3 Temperature						
	0	4	9	٢	Ċ	

Spatial scal	e - Area affected by the factor			
	Restricted			
	Localised			
	Extensive			
×	Widespread			
Temporal se	cale - Occurence of the impact			
	One off or rare			
	Intermittent or sporadic			
	Frequent			
×	On-going			
Impact - Imp	bact on the attributes			
	Insignificant			
×	Minor			
	Significant			
	Major			
Managemer	t response - Capacity of management to respond			
×	High capacity			
	Medium capacity			
	Low capacity			
	No capacity and / or resources			
Trend - Dev	elopement over the last 6 years			
	Decreasing			
	Static			
×	Increasing			
Name		Impact	Origin	Trend

Name	Impact		Origin		Trend
4.7.6 Water (rain/water table)					
	0	9	۲	Ċ	

Spatial sca	le - Area affected by the factor
	Restricted
	Localised
	Extensive
×	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
×	Decreasing
	Static
	Increasing

Name	Impact		Impact		Impact		Impact		Origin	Trend
4.7.7 Pests										
	0	9	9	٢						

	Restricted
	Localised
×	Extensive
	Widespread
Temporal s	cale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor
	Significant

	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

4.8 Social/Cultural uses of heritage

Name		Impact		٥		Trend
4.8.2 Socie	ty's valuing of heritage	٢	9	9	۲	
Snatial sca	le - Area affected by the factor					
opatial sea						
	Restricted					
	Localised					
	Extensive					
×	Widespread					
Temporal s	scale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going					
Impact - Im	pact on the attributes					
	Insignificant					
×	Minor					
	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	velopement over the last 6 years					
	Decreasing					
×	Static					
	Increasing					
Name		Impact			Origin	Trend
4.8.3 Indige	enous hunting, gathering and collecting	\odot	4	9	•	

Spatial sca	ale - Area affected by the factor		
	Restricted		
×	Localised		
	Extensive		
	Widespread		
Temporal s	scale - Occurence of the impact		
	One off or rare		
×	Intermittent or sporadic		
	Frequent		
	On-going		
Impact - Im	npact on the attributes		
×	Insignificant		
	Minor		
	Significant		
	Major		
Manageme	ent response - Capacity of management to respond		
×	High capacity		
	Medium capacity		
	Low capacity		
	No capacity and / or resources		
Trend - Dev	evelopement over the last 6 years		
	Decreasing		

X Static	
Increasing	

Name		Impact			Origin		Trend
4.8.4 Chan	4.8.4 Changes in traditional ways of life and knowledge system						
		0	9	9	۲	Ċ	
Spatial scale - Area affected by the factor							
	Restricted						
×	Localised						
	Extensive						
	Widespread						
Temporal s	scale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
×	Minor						

Significant

Major

Manageme	nt response - Capacity of management to respond				
×	High capacity				
	Medium capacity				
	Low capacity				
	No capacity and / or resources				
Trend - Dev	Trend - Developement over the last 6 years				
	Decreasing				
×	Static				

Increasing

Name	Impact	act		mpact		mpact		Impact		Origin		Trend
4.8.5 Identity, social cohesion, changes in local population and community	٢	9	9		Ċ							
	0	9	9		Ċ							

	Restricted						
×	Localised						
	Extensive						
	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Im	pact on the attributes						
×	Insignificant						
	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	elopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
Name		Impact			Origin		Trend
4.8.6 Impac	ts of tourism/Visitation/Recreation	\bigcirc	9	9	٢	Ċ	

		9	9	9	٢	Ċ	
Spatial sca	le - Area affected by the factor						
	Restricted						
×	Localised						
	Extensive						
	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
×	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						

4.9 Other human activities

Name	Name		Impact		Origin		Trend
4.9.1 Illega	4.9.1 Illegal activities						
	٩		9	9	٢	Ċ	
Spatial sca	Spatial scale - Area affected by the factor						
×	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal s	scale - Occurence of the impact						
×	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Im	pact on the attributes						

	Insignificant
×	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

Name	Impact		Origin		Trend	
4.9.2 Deliberate destruction of heritage						
	0	9	9	۲	G	

×	Restricted
	Localised
	Extensive
	Widespread
Temporal s	cale - Occurence of the impact
×	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Im	pact on the attributes
×	Insignificant
	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

4.10 Climate change and severe weather events

Name		Impact C		Origin	Origin		
4.10.1 Stor	4.10.1 Storms		9	9			→
		0	4	9	٢	٢	
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
×	Insignificant						
	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Developement over the last 6 years							
	Decreasing						
×	Static						
	Increasing						

Name	Impact		Origin		Trend	
4.10.2 Flooding	٢	9		٢		→
	0	9		۹		

	Restricted
×	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
×	Intermittent or sporadic
	Frequent

On-going

Impact - Impact on the attributes

impact - im	
×	Insignificant
	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity

Medium capacity

. .

No capacity and / or resources

Trend - Dev	rend - Developement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						

Name	Impact		Origin		Trend		
4.10.3 Drought	٢	4	9				
	0	9	9	٢	Ċ		

	Restricted
	Localised
	Extensive
×	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
×	Intermittent or sporadic
	Frequent
	On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static

Increasing

Name	Impact		Origin		Trend	
4.10.6 Temperature change						
	0	4	9		Ċ	

Spatial scale - Area affected by the factor

Spatial sca	le - Area affected by the factor
	Restricted
	Localised
	Extensive
×	Widespread
Temporal s	cale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

Name	Impact			Origin		Trend
4.10.7 Other climate change impacts						
	0	4	9		Ċ	1

•	
	Restricted
	Localised
	Extensive
×	Widespread
Temporal s	icale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent

×	On-going
Impact - Im	pact on the attributes
	Insignificant
	Minor
×	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
	Static
×	Increasing

4.11 Sudden ecological or geological events

Name		Impact		Origin		Trend
4.11.1 Volcanic eruption						
			9		۴	
Overlietere	te Anna attented burthe factor					
Spatial sca	e - Area affected by the factor					
	Restricted					
	Localised					
	Extensive					
×	Widespread					
Temporal s	cale - Occurence of the impact					
×	One off or rare					
	Intermittent or sporadic					
	Frequent					
	On-going					
Impact - Im	pact on the attributes					
×	Insignificant					
	Minor					
	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	relopement over the last 6 years					
	Decreasing					

Yosemite National Park

×	Static
	Increasing

Name		Impact		Origin	Trend	
4.11.2 Earth	quake					
			9	۲	Ċ	
Spatial scal	e - Area affected by the factor					
	Restricted					
	Localised					
	Extensive					
×	Widespread					
Temporal s	cale - Occurence of the impact					
×	One off or rare					
	Intermittent or sporadic					
	Frequent					
	On-going					
Impact - Im	pact on the attributes					
×	Insignificant					
	Minor					
	Significant					
	Major					
Manageme	t response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	elopement over the last 6 years					
	Decreasing					
×	Static					
	Increasing					

Name	Impac	t		Origin	Trend
4.11.4 Avalanche/Landslide	٢				
	0	4	9	۲	

Spatial sc	Spatial scale - Area affected by the factor					
×	Restricted					
	Localised					
	Extensive					
	Widespread					
Temporal	scale - Occurence of the impact					
	One off or rare					
×	Intermittent or sporadic					

	Frequent			
	On-going			
Impact - Im	pact on the attributes			
×	Insignificant			
	Minor			
	Significant			
	Major			
Manageme	nt response - Capacity of management to respond			
×	High capacity			
	Medium capacity			
	Low capacity			
	No capacity and / or resources			
Trend - Dev	elopement over the last 6 years			
	Decreasing			
×	Static			
	Increasing			
Name		Impact	Origin	Trend

				<u>.</u>	
4.11.5 Erosion and siltation/Deposition					
	0	9	9	۲	

×	Restricted
	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
×	Intermittent or sporadic
	Frequent
	On-going
Impact - Im	pact on the attributes
×	Insignificant
	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing

×	Static
	Increasing

Name		Impact			Origin		Trend	
4.11.6 Fire	(wildfire)	٢	9	9	٢	Ċ	→	
		0	9	9	۲	Ċ	1	
Spatial sca	le - Area affected by the factor							
	Restricted							
	Localised							
×	Extensive							
	Widespread							
Temporal s	scale - Occurence of the impact							
	One off or rare							
	Intermittent or sporadic							
	Frequent							
×	On-going							
Impact - Im	pact on the attributes							
	Insignificant							
×	Minor							
	Significant							
	Major							
Manageme	nt response - Capacity of management to respond							
×	High capacity							
	Medium capacity							
	Low capacity							
	No capacity and / or resources							
Trend - Dev	velopement over the last 6 years							
	Decreasing							
	Static							
×	Increasing							

4.12 Invasive/alien species or hyper-abundant species

Name		Impact		Origin	Trend
4.12.1 Tran	slocated species				
		0	9	٢	→
Spatial sca	e - Area affected by the factor				
×	Restricted				
	Localised				
	Extensive				
	Widespread				
Temporal s	cale - Occurence of the impact				
×	One off or rare				

	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Im	pact on the attributes						
×	Insignificant						
	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	elopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
Name		Impact			Origin		Trend
4.12.2 Inva	ive/Alien terrestrial species						
		0	9	9		Ċ	
Spatial sca	le - Area affected by the factor						
×	Restricted						
	Localised						

	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Manageme	Int response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Developement over the last 6 years

	Decreasing
×	Static
	Increasing

Name	Impact Orig		Origin	Origin			
4.12.3 Inva	4.12.3 Invasive/Alien freshwater species						
		0	9	9		Ċ	
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
×	Extensive						
	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	Impact - Impact on the attributes						
	Insignificant						
×	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	velopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						

Name	Impact			Origin		Trend
4.12.5 Hyper-abundant species						
	٢	9	9	۲	Ċ	
Spatial scale - Area affected by the factor						
Restricted						

×	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare

	Intermittent or sporadic					
	Frequent					
×	On-going					
Impact - Im	pact on the attributes					
×	Insignificant					
	Minor					
	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	velopement over the last 6 years					
	Decreasing					
×	Static					
	Increasing					
Name		Impact		Origin		Trend
4.12.6 Mod	fied genetic material					
			4		٢	

Spatial sca	ipatial scale - Area affected by the factor				
×	Restricted				
	Localised				
	Extensive				
	Widespread				
Temporal s	scale - Occurence of the impact				
×	One off or rare				
	Intermittent or sporadic				
	Frequent				
	On-going				
Impact - Im	pact on the attributes				
×	Insignificant				
	Minor				
	Significant				
	Major				
Manageme	nt response - Capacity of management to respond				
×	High capacity				
	Medium capacity				
	Low capacity				
	No capacity and / or resources				
Trend - De	velopement over the last 6 years				

	Decreasing
×	Static
	Increasing

4.13 Management and institutional factors

Name	Name		Impact		Origin		Trend	
4.13.1 Man	agement system/Management plan	٢	9		٢		→	
Spatial sca	le - Area affected by the factor							
	Restricted							
	Localised							
	Extensive							
×	Widespread							
Temporal s	cale - Occurence of the impact							
	One off or rare							
	Intermittent or sporadic							
	Frequent							
×	On-going							
Impact - Im	pact on the attributes							
×	Insignificant							
	Minor							
	Significant							
	Major							
Manageme	nt response - Capacity of management to respond							
×	High capacity							
	Medium capacity							
	Low capacity							
	No capacity and / or resources							
Trend - Dev	relopement over the last 6 years							
	Decreasing							
×	Static							
	Increasing							
Name		Impact			Origin		Trend	
4.13.2 Lega	I framework	٢	9		٢		→	
Spatial sca	le - Area affected by the factor							
	Restricted							

	One off or rare				
	Intermittent or sporadic				
	Frequent				
×	On-going				
Impact - Im	pact on the attributes				
×	Insignificant				
	Minor				
	Significant				
	Major				
Manageme	nt response - Capacity of management to respond				
×	High capacity				
	Medium capacity				
	Low capacity				
	No capacity and / or resources				
Trend - Dev	elopement over the last 6 years				
	Decreasing				
×	Static				
	Increasing				
		_		_	_
Name	rnance		a	Origin	Trend
4.10.0 001			-	9	
Spatial sca	le - Area affected by the factor				
	Restricted				
	Localised				
	Extensive				
×	Widespread				
Temporal s	cale - Occurence of the impact				
	One off or rare				
	Intermittent or sporadic				
	Frequent				
×	On-going				
Impact - Im	pact on the attributes				
×	Insignificant				
	Minor				
	Significant				
	Major				
Manageme	nt response - Capacity of management to respond				
×	High capacity				
	Medium capacity				
	Low capacity				
	No capacity and / or resources				

Trend - De	velopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
Name		Impact			Origin		Trend
4.13.4 Man	agement activities	٢	9	9	۹		→
Spatial sca	Ile - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal	scale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
×	Insignificant						
	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - De	velopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
Name	ncial resources	Impact	Ø		Origin		Trend
4.15.51116		•	-1		G		-
Spatial sca	Ile - Area affected by the factor						
	Restricted						
	Localised						

Extensive Widespread

Temporal scale - Occurence of the impact

	One off or rare				
	Intermittent or sporadic				
	Frequent				
×	On-going				
Impact - Im	pact on the attributes				
×	Insignificant				
	Minor				
	Significant				
	Major				
Manageme	nt response - Capacity of management to respond				
×	High capacity				
	Medium capacity				
	Low capacity				
	No capacity and / or resources				
Trend - Dev	elopement over the last 6 years				
	Decreasing				
×	Static				
	Increasing				
Name		Impact	~7	Origin	Trend
4.13.6 Hum	an resources	•	4	٢	→
Spatial sca	e - Area affected by the factor				
	Restricted				
	Localised				
	Extensive				
×	Widespread				
Temporal s	cale - Occurence of the impact				
	One off or rare				
	Intermittent or sporadic				
	Frequent				
×					
Impact - Im	On-going				
	On-going pact on the attributes				
×	On-going pact on the attributes Insignificant				
×	On-going pact on the attributes Insignificant Minor				
×	On-going pact on the attributes Insignificant Minor Significant				
×	On-going pact on the attributes Insignificant Minor Significant Major				
×	On-going pact on the attributes Insignificant Minor Significant Major Major				
× Manageme	On-going pact on the attributes Insignificant Minor Significant Major At response - Capacity of management to respond High capacity				

Medium capacity Low capacity

No capacity and / or resources

Trend - Dev	velopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
Name		Impact			Origin		Trend
4.13.7 Low	impact research/monitoring activities	٢	9	9	۲	Ċ	
Spatial sca	le - Area affected by the factor						
×	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Im	pact on the attributes						
×	Insignificant						
	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	velopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
							_
Name	impact research/monitoring activities	Impact	1 73		Origin		Trend
4.13.6 High	חווףמכו ובספמו כוווחוונטוווע מכנוצונובס	•	-1		Q		-
Spatial sca	le - Area affected by the factor						
×	Restricted						

×	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Im	pact on the attributes
×	Insignificant
	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

4.17. Serial inscriptions (national or transnational)

4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor

4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)

	Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1	Scenery: cliffs, waterfalls, granite domes	×			
4.18.1.2	Mered and Tuolumne Wild and Scenic Rivers	×			
4.18.1.3	Geology/gemorphology: evidence of glaciation	×			
4.18.1.4	Alpine meadows and lakes	×			
4.18.1.5	Giant sequoia trees	×			

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

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

5.1.2 - Are the boundaries of the World Heritage property known and recognised?

The boundaries are known by both the management authority and local communities/landowners

5.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value? The property has no buffer zone and does not need one

5.1.4 - Are the boundaries of the buffer zones known and recognised?

The property has no known and recognised buffer zone

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

Yosemite National Park is surrounded by National Forest System (NFS) lands. Although not technically a buffer, NFS lands are generally not open to development; logging, grazing, and recreation occur on NFS lands.

5.2. Protective Measures

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

Juridical data :

Publicly owned land administered by the USNPS under the Department of the Interior. The Legislative summary includes 16 Acts, Proclamations and Resolutions made on the Park. Yosemite Valley and the Mariposa Grove of giant sequoias have the distinction of being the first scenic natural area to have been set aside for public benefit and enjoyment (1864). Formal national park status was given in 1890.

Responsible Administration:

National Park Service, U.S Department of the Interior, Superintendent

By an Act of Congress, June 30, 1864 (13 Stat. 325) Yosemite Valley and the Mariposa Big Tree Grove were granted to the State of California to be held as places for public use and recreation. On October 1, 1890 (26 Stat. 650) the United States Congress established Yosemite National Park as a "Forest Reservation" to preserve and protect from injury all timber, mineral deposits, natural curiosities or wonders within the park area, and to retain them in their natural condition. The 1890 Act specifically excluded Yosemite Valley and the Mariposa Big Tree Grove from Yosemite National Park, leaving them under the jurisdiction of the State of California as provided for the Act of 1864. March 3, 1905, the California Legislature regranted to the United States both Yosemite Valley and the Mariposa Big Tree Grove "to be held for all time... for public use, resort, and recreation." A Joint Resolution of Congress, June 11. 1906 (34 stat. 831) accepted both sites.

The Raker Act, passed by Congress December 19, 1913, (38 Stat. 242) granted certain lands and accesses within Yosemite to the City and County of San Francisco for the purpose of creation a municipal water supply and power and electric plants in the Hetch Hetchy Valley and Lake Eleanor Basin. The Act specified restrictions in use and activities within one mile leading to and including the reservoirs.

An Act of Congress, June 2, 1920, (41 Statutes of Large 731) accepted cession by California of exclusive legislative jurisdiction over lands embraced within Yosemite National Park. The Federal Government currently has the responsibility of preserving and protecting the cultural and natural resources within the exterior boundaries of Yosemite National Park.

Private park "inholdings" total up to 381 tracts comprising 727.75 hectares (1,798.25 ac). These private lands are in three separate locations near the Park's western boundary. The Federal Government is authorized to acquire privately owned land within the exterior bounderies of the park. The inholdings are under State, County, and Federal jurisdiction depending on the nature of a particular legal situation.

Since 1920, the Federal Government has had exclusive legislative jurisdiction over Yosemite National Park; however, the State of California has reserved the right to serve civil or criminal process, to tax persons and corporations, and to fix and collect fees for fishing within the Park. Four concessioners are authorized to provide visitor support services within the Park.

Yosemite National Park is legally established as a conservation unit per Act of Congress. Its natural resources are thus assured of perpetual protection and preservation by Federal Statute.

The Act of establishing the National Park Service, dated August 25, 1916, the Act establishing Yosemite National Park, dated October 1, 1890; and the Act of the California State Legislature, dated March 3, 1905 regranting Yosemite Valley and the Mariposa Big Tree Grove back to the Federal Government; and numerous other laws and proclamations indicate the importance that both past and present leaders have given to the protection of outstanding natural features of the United States, and more specifically, the Yosemite National Park.

In association with these laws and proclamations, and with Congressional approval, the National Park Service, U.S. Department of the Interior, has established policies that further direct the management of the 333 areas of the National Park System, of which Yosemite National Park is one. The last revision of these policies occurred in 2006. The document is not a static one and additional amendments will be made when determined necessary.

Additionally, in accordance with the National Environmental Policy Act of 1969, the public is afforded the opportunity to provide input into major park management programs. Respective plans and related reports consequently reflect sound public proposals. These plans are updated as necessary and are basic documents used to manage the park. Yosemite's comprehensive General Management Plan, designed to assure the preservation and protection of the resources, was completed September, 1980.

Source: Advisory Body Evaluation, Nomination File, Periodic Reporting Cycle 2

5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

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

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

5.2.4 - 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 has no buffer zone

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

The legal framework for the broader setting of the World Heritage property provides an adequate 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

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

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

5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

The most important federal laws governing Yosemite are the enabling legislation (1864 and 1890), the NPS Organic Act (1916), the laws designating the Yosemite Wilderness and the Merced and Tuolumne Wild and Scenic Rivers, and a host of environmental laws such as the National Environmental Policy Act. The NPS Organic Act is the basis of a system-wide set of policies that protects all units of the U.S. National Park System. The Park's management plans are developed under the aegis of these laws.

5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World

Heritage property

5.3. Management System/Management Plan

5.3.1 - Please check the box which most closely match the character of the governance and management system of the property Public management system at national level

If 'Other', please specify

5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.

A statutory Management Plan or zoning plan for the property.

Other forms of statutory or non-statutory plans (e.g. strategic plans)

Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property

Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management

An integrated management plan combining World Heritage and any other designations

A management plan

An annual work plan or business plan

A visitor/visitation management plan

An environmental management framework

5.3.3 - Please give a brief description of the management system currently in place at your property

The Park is managed pursuant to federal law and policy. Its guiding documents are the General Management Plan, Merced River Plan, and Tuolumne River Plan, all developed pursuant to federal law and policy. A variety of agreements exist between the Park and local governments, and between the Park and stakeholders. Indian tribes are consulted in accordance with the federal National Historic Preservation Act.

5.3.4 - Management Documents

5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?

No use has been made of the 2011 Recommendation on the Historic Urban Landscape

5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.

5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?

No use has been made of the World Heritage Policy for Climate Change

5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:

5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ? No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done

5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state;

local/municipal etc.) involved in the management of the World Heritage property

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

5.3.12 - 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

5.3.13 - Is the management system being implemented?

The management system is being fully implemented and monitored

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

An annual work/action plan exists and all of its activities are being implemented and monitored

5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities				×	
5.3.15.2	Local authorities				×	

5.3.15.3	Landowners in the property and the buffer zone		×	
5.3.15.4	Indigenous peoples		×	
5.3.15.5	Women		×	
5.3.15.6	Other specific groups		×	
	If you selected, 'Other specific groups' please specify			

5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities					х
5.3.16.2	Local/Municipal authorities					х
5.3.16.3	Indigenous peoples					х
5.3.16.4	Landowners					х
5.3.16.5	Women					х
5.3.16.6	Youth/Children					х
5.3.16.7	Researchers					х
5.3.16.8	Local Visitors/Tourists					×
5.3.16.9	National/International tourists					×
5.3.16.10	Tourism Industry					×
5.3.16.11	Local businesses and industries					×
5.3.16.12	NGOs					×
5.3.16.13	Other specific groups					×
	If you selected 'Other specific groups', please specify	NA				

5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the *World Heritage Convention*

		Not applicable	No contribution	Limited	Significant	Full achievement
5.3.17.1	The management system of the property contributes to gender equality					×
5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)					×
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status					×
5.3.17.4	The management system of the property integrates a human rights-based approach					×
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood					×
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property					×

5.3.18 - Please provide further details on the ratings of the management system given in the table above

5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan

6. Financial and Human Resources

6.1. Funding

6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.

6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	42 %	42 %
6.1.1.7	Governmental (regional/provincial/state)	8 %	8 %
6.1.1.8	Governmental (local/municipal)	0 %	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	12 %	12 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	23 %	23 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	15 %	15 %
6.1.1.12	Other	0 %	0 %
		Total 100 %	Total 100 %

6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above

6.1.3 - Is the current budget sufficient to manage the World Heritage property effectively? The available **budget is acceptable** but **could be further improved** to fully meet the management needs

6.1.4 - Are the existing sources of funding secure and likely to remain so? The existing sources of funding are secure over both the medium- and long-term

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

6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	25 %	25 %
6.1.6.2	Women	25 %	25 %
		Total 50 %	Total 50 %

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

Human resources are **adequate** for management needs

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

Conservation	Good
Environmental sustainability	Good
Community participation and inclusion	Good
Risk preparedness	Good
Capacity development and education	Good
Administration	Good
Research and monitoring	Good
Awareness raising and public information/communication	Good
Marketing and promotion	Good
Interpretation	Good
Visitor management/tourism	Good
Enforcement (custodians, police)	Good

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

Conservation	Good
Environmental sustainability	Good
Community participation and inclusion	Good

Risk preparedness	Good
Capacity development and education	Good
Administration	Good
Research and monitoring	Good
Awareness raising and public information/communication	Good
Marketing and promotion	Good
Interpretation	Good
Visitor management/tourism	Good
Enforcement (custodians, police)	Good

6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?

No use has been made of the World Heritage Strategy for Capacity Building

6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.

6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?

A site-based capacity building plan or programme is in place and fully implemented; all technical skills are being transferred to those managing the property locally

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

Yosemite National Park is well-funded compared to other units of the National Park System and other World Heritage Sites. Staffing can be challenging due to the high cost of living and remoteness of the area.

7. Scientific Studies and Research Projects

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

7.2 - 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

7.3 - Are results from research programmes publicly available and disseminated?

Research results are shared widely with active outreach to local communities and national and international audiences

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

Yosemite has a long history of scientific research particularly with regard to geology, fire ecology, wildlife, hydrology/climate, and visitor use management. Research is largely conducted by independent researchers, with some research conducted by park staff. The NGO Yosemite Conservancy provides significant funding for research.

8. Education, Information and Awareness Building

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

Local communities	Good
Local/municipal authorities	Good
Indigenous peoples	Good
Landowners	Good
Women	Good
Youth/children	Good
Researchers	Good
Local visitors	Good
National/international tourists	Good
Tourism industry	Good
Local businesses and industries	Good

NGOs	Good
Other specific groups	Good
If you selected 'Other specific groups', please describe	NA

8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?

There is a planned and effective education and awareness programme for children and youth that contributes to the protection of the World Heritage property

8.3 - Who are the target audiences for education and awareness programmes at your property?

Local communities
Local/municipal authorities
ndigenous peoples
Landowners
Nomen
Youth/children
Researchers
Local Visitors
National/international tourists
Tourism industry
Local businesses and industries
NGOs

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

Visitor centre	Good
Site museum	Good
Information booths	Good
Guided tours	Good
Trails/routes	Good
Printed information materials	Good
Online (website, social media, etc.)	Good
Transportation facilities	Good
Other	Good

If 'Other' is selected, please specify

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

9. Visitor Management

9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report

3,667,550 / 3,287,595 / 2,268,313 / 4,422,861 / 4,009,436 /

9.2 - What information sources are used to collect visitor statistics?

Entry tickets and registries

9.3 - What is the average length stay of a visitor to the World Heritage property?

One day (no overnight stay)

9.4 - Please provide the source of information

Visitation data is collected via traffic counters at the park's 5 entrance stations. Please note that visitation was lower than average during the pandemic. In 2016, annual visitation was a record 5.2 million visitors.

9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)

290 / 140 / 35 / 35 / 0 / 0 /

9.6 - Please provide the source of information

2015 Yosemite National Park Visitor Use Study: average visit per group was \$540, average length of stay for overnight visitors (in the park or in gateway communities) was 3 days. Lodging cost varies widely, from \$30 campsites to \$500 hotel rooms.

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors,

tourism activity and its derived economic, socio-cultural and environmental impacts? There is a planned and effective strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property

9.8 - Please provide any comments relating to the answer provided above in question 9.7

9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?

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

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?

There is good cooperation between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation

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

The Outstanding Universal Value of the property is adequately presented and interpreted

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

In one location and easily visible to visitors

9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property? Fees are collected and make a substantial contribution to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

local tourism bureaus

9.16 - Are the benefits of tourism shared with local communities?

Yes

If 'Yes', please specify

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property In 2021, visitors to Yosemite National Park spent an estimated \$437M in local gateway communities.

10. Monitoring

10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?

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

10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?

Information on the values of the World Heritage property is **adequate and key indicators have been defined** for measuring the state of conservation and **are being used in monitoring** of how the Outstanding Universal value of the property is being maintained

10.3 - Are key indicators defined and in place for the following principal aspects of the property?

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation				×
10.3.2	Effectiveness of the management system				×
10.3.3	Character of governance	×			
10.3.4	Appropriate synergy with other conservation designations	×			
10.3.5	Contribution to sustainable development	×			
10.3.6	Capacity development	×			

10.4 - Please provide information on relevant key indicators adopted at the property

10.5 - Please rate the level of involvement in monitoring of the following groups:

World Heritage managers/coordinators and staff	Non-existent
Local/municipal authorities	Good
Local communities	Good
Indigenous peoples	Good
Landowners	Good
Women	Good
Researchers	Good
Tourism industry	Good
Local businesses and industry	Good
NGOs	Good
Other specific groups	Good
If you selected 'Other specific groups', please specify	NA

10.6 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee? No relevant Committee recommendations to implement

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

10.8 - Comments, conclusions and/or recommendations related to Monitoring

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones	
5.1.3	The property has no buffer zone	×
5.1.4	The property has no known and recognised buffer zone	×
5.2	Protective Measures	
5.2.4	The property has no buffer zone	×
5.3	Management System/Management Plan	
5.3.5	No use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	×
5.3.7	No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	×
5.3.9	No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	×
6.1	Funding	
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property	×
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	×
Please	e select 0 more issues.	
D Plea	ase save this question to reflect changes	

12. Summary and Conclusions

Pollution

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

4.4.4	Air pollution Scenery, a lakes and meadows		Air quality standards are established by the State of California in accordance with the federal Clean Air Act. The Park monitors regularly and systematically air quality for designated pollutants, primarily ozone and particular matter.		Th an po an	The Park systematically and regularly monitors of pollutants, primary ozone and particular matter.		Ong of o part	Ongoing monitoring of ozone and particulate matter.		US National Park Service, California Air Resources Board		Smoke driftii the park fror fires outside park, in som cases 100+ away, has increased ov past decade	ng into n large of the le miles ver the
4.7	Local condition	ons affecting physical	fabric											
4.7.2	Relative Giant sequoias humidity		The greatest threat to giant sequoias is high intensity fire: giant sequoias are adapted to frequent, low-intensity fire. Primary management action is to improve resilience by reducing fuels and restoring forest structure where needed.		nt I r s	Monitoring of all Ongoin mature giant sequoias in the Park's three sequoia groves.		ngoing monitoring of U I mature giant S equoias trees.		US National Park		Nthough only a /osemite's matu iant sequoias h lied since the eporting, range 10% of mature g lequoia trees ha lied in recent ye	few of ure nave -wide giant ave ears.	
4.7.3	Temperature Giant sequoias		The greatest threat to giant sequoias is high intensity fire: giant sequoias are adapted to frequent, low-intensity fire. Primary management action is to improve resilience by reducing fuels and restoring forest structure where needed.		at (Ongoing monitoring of all mature giant all ma sequoias trees.		Ongoin all mai sequo	Ongoing monitoring of U Il mature giant S equoias trees.		US National Park A Service S c c c c c c c c c c c c c c c c c c c		Nithough only a Vosemite's matu- jiant sequoias h lied since the eporting, range 10% of mature g lequoia trees h lied in recent ye	few of ure nave -wide giant ave ears.
4.7.6	.7.6 Water Giant sequoias a (rain/water table) threatened prima high intensity fire alpine lakes and meadows are threatened prima atmospheric dep and changes in precipitation patt		Giant sequoias are y adapted to frequent, low-intensity fire, and the primary management action is to improve y resilience by reducing n fuels and restoring forest structure where needed. For alpine meadows and lakes, restoration and periodic monitoring.		he est d. nd	Monitoring of all mature giant e sequoias in the park, and monitoring of high elevation lakes through the Inventory and Monitoring program.		Ongo	Ongoing US Pa		S National Alth ark Service Yos seq the 20% seq rec has hig		hough only a few of usemite's mature giant quoias have died since a reporting, range-wide % of mature giant quoia trees have died in cent years. Eutrophication is not been detected in gh elevation lakes.	
4.7.7		Pests												
4.8	Social/Cultur	al uses of heritage												
4.8.6		Impacts of tourism/Visitation	n/Recreatio	n										
4.10	Climate chan	ge and severe weather	events											
4.10.6	Temperature change	The current long-tern drought began in ~2 23-year period has t punctuated by occas very wet years. The has had above-aver temperatures, which giant sequoias and o vegetation.	m 000; this been sional drought age affect other	The greatest threat giant sequoias is hi intensity fire: giant sequoias are adapt frequent, low-intens fire. Primary management action improve resilience reducing fuels and restoring forest stru- where needed.		t to Monitoring of all high mature giant sequoias in the park, ted to and monitoring of high elevation lakes through the on is to Inventory and by Monitoring program. I ucture		ll park, of akes gram.	Ongoing s,		US National Park Service		Although only i of Yosemite's i giant sequoias died since the reporting, rang 20% of mature sequoia trees I died in recent y	a few mature have je-wide giant have years.
4.10.7	Other climate change impacts levels have been lower than average, in some years setting or nearing records lows; similarly, river levels have been critically low.		Monitor precipit and wa general	or snowpack, Or itation, river levels, sn ater resources in flo al. we		Ongoing monitoring of snowpack, precipitation, rive flows, temperature and othe weather-related parameters.		river ther ers.	Ongoing iver her ırs.		US National Park Service		The Yosemite r and much of California is in a year drought, punctuated by a very wet years as the winter of 2022-2023.	region a 20+ a few such f
4.11	Sudden ecolo	ogical or geological evo	ents											

4.11.6		Fire (wildfire)	Wildfires are increasing in size, intensity, and severity of effects. Increased treatments to reduce high fuels buildups and restore forest structure are underway.		
4.12	Invasive/alien	species or hyper-a	bundant species		
4.12.3		Invasive/Alien freshwater species	Non-native fish are widespread at high elevations, and a few strategic alpine lakes have had fish removed and endangered frogs reintroduced.		
Question not o	completed				

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones										
			Actions			Timeframe		Lead agency (involved)	and others	More i	nfo / comment
5.1.3	The propertyA buffer zohas no bufferpresence ozonelands actsdevelopment		one is of Nat s as a ent.	not needed: the tional Forest System buffer, preventing	eded: the NA orest System preventing		NA		NA		
5.1.4	The propertyA buffer zohas no knownpresence ofandlands actsrecogniseddevelopmentbuffer zone		one is of Nat s as a ent.	e is not needed: the NA National Forest System is a buffer, preventing it.			NA		NA		
5.2		Protect	tive Measur	es							
5.2.4		The pro has no zone	operty buffer	A buf Syste	ffer zone is not needed: th em lands acts as a buffer,	e presence of National Fores preventing development.	t	NA	NA		NA
5.3		Mana	gement Sys	stem/N	Management Plan						
5.3.5		No us made Histor Lands Recor to dev policie practic protec prope	se has been of the ic Urban scape mmendation velop es and best ces for the ction of the rty	Ya	osemite is not near an urb	an area, and there are no	NA		NA		NA
5.3.7		No us made Policy on the Clima on Wo Prope prope	se has been of the Document Impacts of te Change orld Heritage erties at the rty	Th de re	e Park is actively address eveloping resiliency in its fo sources.	sing climate change by orests and water	NA		NA		NA
5.3.9		No us made Strate Reduc from I World Prope prope	the has been of the egy for cing Risks Disasters at Heritage erties at the rty	Tł di	ne Park effectively address sasters.	ses and manages	NA		NA		NA
6.1		I	Funding								
6.1.3		- 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The available budget is acceptable to could be further improved to fully meet the managemen needs of the World Herita property	e out t ge	Funding is determined b	y the U.S. Congress.	N	IA	NA		NA

6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	The Park has sufficient capacity, indeed is better off than most U.S. parks and worldwide protected areas.	NA	NA	NA	
Summary - Management Needs completed						

12.3. Conclusions on the State of Conservation of the Property

12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property? The Authenticity of the World Heritage property has been preserved

12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property? The Integrity of the World Heritage property is intact

12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

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

12.3.4 - What is the 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 intact

12.3.5 - Comments. conclusions and/or recommendations related to the state of conservation of the property.

Giant sequoias are an important resource. Although 20% of the giant sequoia population has been lost range-wide, only a few mature trees have been lost at Yosemite. Nonetheless, the Park recognize the threat and is actively working to prevent impacts to giant sequoia trees.

13. Impact of World Heritage Status

13.1 - 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	Very positive
International cooperation	Very positive
Political support for conservation	Very positive
Legal/Policy framework	Very positive
Advocacy	Very positive
Institutional coordination	Very positive
Security	Very positive
Gender equality	Very positive
Provision of ecosystem services/ benefits to local communities	Very positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	Very positive
Fostering inclusive local economic development and enhancing livelihood	Very positive
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Very positive
Other	Very positive
If 'Other', please specify	NA

13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts

14. Good Practice in the Implementation of the World Heritage Convention

14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level

14.2 - Define which topics are covered by this example of best practice at the property level

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

15.1.1 - Has the Periodic Reporting process 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
Management effectiveness to maintain the Outstanding Universal Value
Monitoring and reporting

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

State Party	Not needed
Site Managers	Not needed
UNESCO World Heritage Centre	Not needed
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Not needed

15.2. Use of Data

15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?

Awareness raising

15.2.2 - Comments on use of data from the Cycle of Periodic Reporting

15.3. Timing and resources

15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)

Governmental institutions responsible for cultural and natural heritage

Site Manager/Coordinator World Heritage property staff

15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire? Gender balance is explicitly considered and effectively implemented in the process.

15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire? Yes

15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire

2 hours / < 1 hour / 8 hours /

15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

	Additional resources	No	Yes
15.3.5.1	Human resources	×	
15.3.5.2	Financial resources for organizing consultation meetings/ training	×	

15.4. Format and content of the Periodic Report

15.4.1 - How accessible was the information required to complete this questionnaire? All required information was accessible.

15.4.2 - Was the questionnaire easy to use and clear to understand?

Very Difficult Difficult Easy Very easy

15.4.2.1	Ease of use of questionnaire	×	
15.4.2.2	Clarity of questions	×	

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

15.5. Training and Guidance

15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

UNESCO World Heritage Centre	Not applicable
UNESCO (other sectors/field offices)	Not applicable
UNESCO National Commission	Not applicable
ICOMOS International	Not applicable
IUCN International	Not applicable
ICCROM international/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable

15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities

UNESCO World Heritage Centre	Not applicable
State Party Representative (national Focal Point)	Not applicable
UNESCO other sectors (e.g. field office)	Not applicable
National Commission for UNESCO	Not applicable
ICOMOS International	Not applicable
ICCROM International/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable
IUCN International	Not applicable

15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?

Yes

15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?

15.6. Actions that will require formal consideration by the World Heritage Committee

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

No item were proposed for update

15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.