



Ramsar Information Sheet

Published on 1 January 2011

Update version, previously published on : 1 January 2011

Norway

Møsvasstangen



Designation date	18 March 1996
Site number	803
Coordinates	59°48'57"N 08°10'55"E
Area	1 440,90 ha

Color codes

Fields back-shaded in light blue relate to data and information required only for RIS updates.

Note that some fields concerning aspects of Part 3, the Ecological Character Description of the RIS (tinted in purple), are not expected to be completed as part of a standard RIS, but are included for completeness so as to provide the requested consistency between the RIS and the format of a 'full' Ecological Character Description, as adopted in Resolution X.15 (2008). If a Contracting Party does have information available that is relevant to these fields (for example from a national format Ecological Character Description) it may, if it wishes to, include information in these additional fields.

1 - Summary

Summary

Møsvasstangen is dominated by large areas of different types of mires that express a continuous change between water, bogs, and dry parts with mountainous birch forest. In the central part of the area there is a small water course with Kulingstjern as the largest lake. The northeastern part of the area constitutes a coherent mire stretch of 8 km. Erosion processes have a negative impact for some of the vegetation. There are not recorded any rare or vulnerable plant species in this area.

The location's value as breeding locality for some water-related species (loons, ducks and waders) appears small, however, the area constitutes the southernmost breeding site for many northern and alpine bird species with special biotopic demands. The area has some value as a staging area during migrations, but is primarily valuable as a highland breeding area. The site is not an important wintering ground, resulting from continuous snow- and ice cover during this time of year. Møsvasstangen is not known as a moulting area for other species than those breeding here.

A total of 103 bird species are registered in Møsvasstangen, 42 of these registered as breeding within the site and 23 possible breeding species. Red listed species breeding here include white-winged scoter (NRL: VU), lapland longspur (NRL: VU) and Northern lapwing (NRL: EN). In sheltered coves and rivers with more extensive vegetation cover one can find some water-related species, such as Eurasian teal, common ringed plover and Northern lapwing (IUCN: NT, NRL: EN). The location is also of importance as feeding grounds for black-throated loon, common merganser and red-breasted merganser. Some fish eating birds and waders also utilize Møsvatn, found just outside of the Ramsar-site.

The whole area constitute living area for reindeer. The regulation of Møsvatn does not appear to have affected the reindeer migration patterns in this particular area.

2 - Data & location

2.1 - Formal data

2.1.1 - Name and address of the compiler of this RIS

Compiler 1

Name	Pernille Kvernland
Institution/agency	Norwegian Environment Agency
Postal address	Post box 5672 Torgarden, N-7485 Trondheim, Norway
E-mail	post@miljodir.no
Phone	+47 73580500

2.1.2 - Period of collection of data and information used to compile the RIS

From year	1976
To year	2016

2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)	Møsvasstangen
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2.1.4 - Changes to the boundaries and area of the Site since its designation or earlier update

(Update) A. Changes to Site boundary Yes No

(Update) B. Changes to Site area No change to area

2.1.5 - Changes to the ecological character of the Site

(Update) 6b i. Has the ecological character of the Ramsar Site (including applicable Criteria) changed since the previous RIS? No

2.2 - Site location

2.2.1 - Defining the Site boundaries

b) Digital map/image

<2 file(s) uploaded>

Former maps	0
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Boundaries description

The boundaries are the same as for the Møsvasstangen Landscape Protection Area.

2.2.2 - General location

a) In which large administrative region does the site lie? Telemark County

b) What is the nearest town or population centre? Rjukan, with a pop. est. of 3 400 (2007)

2.2.3 - For wetlands on national boundaries only

a) Does the wetland extend onto the territory of one or more other countries? Yes No

b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party? Yes No

2.2.4 - Area of the Site

Official area, in hectares (ha): 1440.9

Area, in hectares (ha) as calculated from
GIS boundaries

1436.86

2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
EU biogeographic regionalization	2. Alpine
Other scheme (provide name below)	1. Northern boreal zone (NbOC – transitional section)

Other biogeographic regionalisation scheme

1. Zonal division showing the variation in vegetation from south to north and from the lowlands to the mountains, and sectional graduation showing the variation between the coast and inland (In: Moen, A. 1998. Nasjonalatlas for Norge; vegetasjon. Statens kartverk, Hønefoss).
2. EU Habitat directive 92/43/EEC

3 - Why is the Site important?

3.1 - Ramsar Criteria and their justification

- Criterion 1: Representative, rare or unique natural or near-natural wetland types

Other reasons: A large unspoilt area with a wide variety of mires. Unusually fine formations of string mires, the largest mire system in the county.

- Criterion 2 : Rare species and threatened ecological communities

- Criterion 3 : Biological diversity

Justification: The area constitutes the southernmost breeding site for many northern and alpine bird species





























- Criterion 4 : Support during critical life cycle stage or in adverse conditions

3.2 - Plant species whose presence relates to the international importance of the site

There is not recorded any rare or vulnerable species in this area.

3.3 - Animal species whose presence relates to the international importance of the site

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
Birds																		
CHORDATA / AVES	<i>Actitis hypoleucos</i>	Common Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Anas crecca</i>	Eurasian Teal; Green-winged Teal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Aythya fuligula</i>	Tufted Duck	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Calcarius lapponicus</i>	Lapland Longspur	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	National Red List: Considered as VJ	Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Calidris alpina</i>	Dunlin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA / AVES	<i>Charadrius hiaticula</i> 	Common Ringed Plover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Gallinago gallinago</i> 	Common Snipe	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Gavia arctica</i> 	Arctic Loon; Black-throated Loon	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Grus grus</i> 	Common Crane	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Larus canus</i> 	Mew Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	National Red List: Considered as NT	Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Melanitta fusca</i> 	White-winged Scoter; Velvet Scoter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	National Red List: Considered as VU	Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Mergus merganser</i> 	Common Merganser	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Mergus serrator</i> 	Red-breasted Merganser	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Numenius phaeopus</i> 	Whimbrel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Phalaropus lobatus</i> 	Red-necked Phalarope	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Philomachus pugnax</i> 	Ruff	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	National Red List: Considered as EN	Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Tringa glareola</i> 	Wood Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Tringa totanus</i> 	Common Redshank	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	
CHORDATA / AVES	<i>Vanellus vanellus</i> 	Northern Lapwing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			NT 	<input type="checkbox"/>	<input type="checkbox"/>	National Red List: Considered as EN	Criterion 4: The area constitutes the southernmost breeding site for many northern and alpine bird species and a total of 103 species have been recorded, e.g. this species.	

1) *Percentage of the total biogeographic population at the site*

Capitalized letters shows the species' status on the National Red List 2015.

3.4 - Ecological communities whose presence relates to the international importance of the site

<no data available>

4 - What is the Site like? (Ecological character description)

4.1 - Ecological character

The sloping face of the area has created one of the largest string-mire areas in southern Norway. These large unspoilt mixed string mires are a rare sight in the southern provinces. Different types of mires exist with a gradient from extremely poor to extremely rich. The area is covered with approx. 50% mires, 30% alpine meadow and 20% forest. Møsvasstangen is of special interest as a breeding site for water birds.

4.2 - What wetland type(s) are in the site?

Inland wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
Fresh water > Flowing water >> M: Permanent rivers/ streams/ creeks		4		
Fresh water > Lakes and pools >> O: Permanent freshwater lakes		3		
Fresh water > Marshes on peat soils >> U: Permanent Non-forested peatlands		1		Rare
Fresh water > Marshes on inorganic or peat soils >> Va: Montane wetlands		2		Rare

4.3 - Biological components

4.3.1 - Plant species

Other noteworthy plant species

Scientific name	Common name	Position in range / endemism / other
<i>Betula pubescens pumila</i>	Downy Birch	Downy Birch forms the dominating tree cover.
<i>Carex rostrata</i>	Bottle Sedge	Floristically the lakes are dominated by stands of Bottle Sedge.
<i>Equisetum fluviatile</i>	Water Horsetail	Floristically the lakes are dominated by stands of Water Horsetail.
<i>Kalmia procumbens</i>	Trailing Azalea	On drier parts snow-bed flora dominate with Trailing Azalea.
<i>Nardus stricta</i>	Mat-grass	On drier parts snow-bed flora dominate with Mat-grass.
<i>Vaccinium myrtillus</i>	Bilberry	On drier parts snow-bed flora dominate with Bilberry.

4.3.2 - Animal species

Other noteworthy animal species

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	% occurrence	Position in range / endemism / other
CHORDATA/AVES	Cuculus canorus	Common Cuckoo				National Red List: Considered as NT
CHORDATA/AVES	Emberiza schoenicus	Common Reed Bunting; Common Reed-Bunting; Reed Bunting				National Red List: Considered as NT
CHORDATA/AVES	Lagopus lagopus	Willow Ptarmigan; Willow Grouse				National Red List: Considered as NT
CHORDATA/MAMMALIA	Rangifer tarandus	Caribou				The area is known as an important area for Reindeers Rangifer tarandus in the calving period.

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
D: Moist Mid-Latitude climate with cold winters	Dfc: Subarctic (Severe winter, no dry season, cool summer)

The climate is intermediary of an inland climate with relatively warm summers and cold winters. Precipitation is relatively sparse with around 700 mm annually.

4.4.2 - Geomorphic setting

a) Minimum elevation above sea level (in metres)

a) Maximum elevation above sea level (in metres)

- Entire river basin
- Upper part of river basin
- Middle part of river basin
- Lower part of river basin
- More than one river basin
- Not in river basin
- Coastal

4.4.3 - Soil

Organic

(Update) Changes at RIS update No change Increase Decrease Unknown

No available information

Are soil types subject to change as a result of changing hydrological conditions (e.g., increased salinity or acidification)? Yes No

Please provide further information on the soil (optional)

The area is dominated by extensive bogs and mires with several small lakes. Large quaternary deposits created by the movement of ice and melt water has formed drumlins, eskers and kames. These well formed quaternary deposits increase the protection value of the area.

4.4.4 - Water regime

Water permanence

Presence?	Changes at RIS update
Usually permanent water present	

Source of water that maintains character of the site

Presence?	Predominant water source	Changes at RIS update
Water inputs from surface water	<input type="checkbox"/>	No change

Water destination

Presence?	Changes at RIS update
To downstream catchment	No change

Stability of water regime

Presence?	Changes at RIS update
Water levels largely stable	No change

Please add any comments on the water regime and its determinants (if relevant). Use this box to explain sites with complex hydrology.

Clear water (< 30 mg Pt/L, TOC 2 - 5 mg/L)

4.4.5 - Sediment regime

Sediment regime unknown

(ECD) Water turbidity and colour Clear water (STS < 10 mg/L (inorganic fraction constitute at least 80%))

4.4.6 - Water pH

Unknown

4.4.7 - Water salinity

Fresh (<0.5 g/l)

(Update) Changes at RIS update No change Increase Decrease Unknown

Unknown

4.4.8 - Dissolved or suspended nutrients in water

Unknown

4.4.9 - Features of the surrounding area which may affect the Site

Please describe whether, and if so how, the landscape and ecological characteristics in the area surrounding the Ramsar Site differ from the i) broadly similar ii) significantly different site itself.

- Surrounding area has greater urbanisation or development
- Surrounding area has higher human population density
- Surrounding area has more intensive agricultural use

Surrounding area has significantly different land cover or habitat types

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Provisioning Services

Ecosystem service	Examples	Importance/Extent/Significance
Wetland non-food products	Livestock fodder	Medium

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Recreational hunting and fishing	Medium
Recreation and tourism	Nature observation and nature-based tourism	Medium
Spiritual and inspirational	Cultural heritage (historical and archaeological)	Medium

Supporting Services

Ecosystem service	Examples	Importance/Extent/Significance
Nutrient cycling	Carbon storage/sequestration	Medium

Other ecosystem service(s) not included above:

More than 100 sites for iron production from the period from the Viking age to the Middle age is discovered in the area. On these sites there are also remains from the houses that were used in this period, and remains of this type are nationally rare.

Fishing and grazing.

The area is used by residents and some tourists for fishing and bird watching.

Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site? Yes No Unknown

4.5.2 - Social and cultural values

i) the site provides a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland

ii) the site has exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland

iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples

iv) relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological character of the wetland

<no data available>

4.6 - Ecological processes

<no data available>

5 - How is the Site managed? (Conservation and management)

5.1 - Land tenure and responsibilities (Managers)

5.1.1 - Land tenure/ownership

Private ownership

Category	Within the Ramsar Site	In the surrounding area
Other types of private/individual owner(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Provide further information on the land tenure / ownership regime (optional):

Within the Ramsar site: Private.
In the surrounding area: Private.

5.1.2 - Management authority

Please list the local office / offices of any agency or organization responsible for managing the site:

County Governor of Telemark

Postal address:

Fylkesmannen i Telemark, miljøvernnavdelingen, Statens Hus, N-3708 Skien

E-mail address:

postmottak@fmte.no

5.2 - Ecological character threats and responses (Management)

5.2.1 - Factors (actual or likely) adversely affecting the Site's ecological character

Human settlements (non agricultural)

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Tourism and recreation areas	Medium impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Biological resource use

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Hunting and collecting terrestrial animals	Medium impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Fishing and harvesting aquatic resources	Medium impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Human intrusions and disturbance

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Recreational and tourism activities	Medium impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Natural system modifications

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Dams and water management/use	Low impact	Low impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Please describe any other threats (optional):

In the surrounding area:

The nearby Lake Møsvatn is heavily regulated for hydropower, but this does not affect the nature protection area other than scenically with naked shores which can be seen from the reserve during parts of the year.

Relatively large impact from tourism and recreational activities in Hardangervidda, especially fishing and hunting. Yarn fishing in Hardangervidda most likely constitute a high impact on diving bird species. Hardangervidda is also extensively used as grazing area for sheep.

5.2.2 - Legal conservation status

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Species management area	Møsvasstangen		whole
landscape protection area	Møsvasstangen		whole

5.2.3 - IUCN protected areas categories (2008)

- Ia Strict Nature Reserve
- Ib Wilderness Area: protected area managed mainly for wilderness protection
- II National Park: protected area managed mainly for ecosystem protection and recreation
- III Natural Monument: protected area managed mainly for conservation of specific natural features
- IV Habitat/Species Management Area: protected area managed mainly for conservation through management intervention
- V Protected Landscape/Seascape: protected area managed mainly for landscape/seascape conservation and recreation
- VI Managed Resource Protected Area: protected area managed mainly for the sustainable use of natural ecosystems

5.2.4 - Key conservation measures

Legal protection

Measures	Status
Legal protection	Implemented

Human Activities

Measures	Status
Regulation/management of recreational activities	Implemented

Other:

The area was given by a Royal Decree status as a Landscape Protection Area. All kind of exploitation in the conservation area is regulated by an official set of regulations specific for the area. Visiting of the area is prohibited in the period 15th May to 15th July. Organized tourism, camping, photographing, etc. is restricted in the period 1th April to 30th September.

5.2.5 - Management planning

Is there a site-specific management plan for the site? No

Has a management effectiveness assessment been undertaken for the site? Yes No

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning processes with another Contracting Party? Yes No

Please indicate if a Ramsar centre, other educational or visitor facility, or an educational or visitor programme is associated with the site:

Information posters have been established.

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? Please select a value

5.2.7 - Monitoring implemented or proposed

<no data available>

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

Biogeographic regionalisation scheme:

Moen, A. 1998. Nasjonalatlas for Norge; vegetasjon. Statens kartverk, Hønefoss

Others:

Numerous reports (in Norwegian) and studies have been published on the natural and cultural history of the area, including quaternary studies, vegetation ecology, birdlife, archaeology and landscape studies, only a few are mentioned here:

Alvseike, T. 1984. Møsvannstangen. Vurdering av behovet for fuglelivsfredning. 24 s.

Fylkesmannen i Telemark , Miljøvernavdelingen 1986. Forslag om vern av Møsvasstangen. Notat. 9 s.

Jansen, I. J. 1987. Kvartærgeologiske verneverdige områder i Telemark. Telemark - Kvartærgeologi II. Institutt for naturanalyse 1987.

Moen, A. 1978. Registrering av verneverdige myrer i Telemark. Rapport til MD. Universitetet i Trondheim, Det Kgl. Norske Vitenskabers Selskab, Muséet.

Rask Arnesen, M. 1981. Møsvannstangen rapport 1981. Oppdrag fra naturvernkonsulenten i Telemark. 74 s. Solvang, R. 1997. Ornitologiske registreringer i vernede våtmarksområder i Telemark 1997.

Møsvasstangen, Vinje. Fylkesmannen i Telemark, miljøvernavd. Rapport 05/97. 16pp.

Telemark fylkeskommune. 1976. Verneplan for våtmarksområder i Telemark. Førebels oversikt 1976: 34- 36.

Tvemyr, S. 1979. Utkast til verneplan for våtmarksområder i Telemark fylke. Fylkesmannen i Telemark. 70 s.

Kommunestyremøte, TINN KOMMUNE. 2015

Henriksen, S., Hilmo, O., 2015. Norsk rødliste for arter 2015 (red). Artsdatabanken, Norge - 2015 Norwegian Red List. Artsdatabanken, Norway

6.1.2 - Additional reports and documents

i. taxonomic lists of plant and animal species occurring in the site (see section 4.3)

<no file available>

ii. a detailed Ecological Character Description (ECD) (in a national format)

<no file available>

iii. a description of the site in a national or regional wetland inventory

<no file available>

iv. relevant Article 3.2 reports

<no file available>

v. site management plan

<no file available>

vi. other published literature

<1 file(s) uploaded>

6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:



Aerial view of Møsvasstangen (Norwegian Environment Agency, 12-10-2017)

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation 1996-03-18