



**HOLMENKOLLEN
SKIFEST**

10-12 MARCH 2017

MEDIA KIT

WELCOME

The press and media team in Holmenkollen wish you a warm welcome to the best skiing festival in the world. We are ready to receive 350 athletes from 30 nations, 150 journalists, photographers and commentators as well as several million TV viewers.

The events in Holmenkollen are part of the FIS World Cup in Ski Jumping, Nordic Combined and Cross-Country.

Holmenkollen is proud to host the inaugural competition of the newly established RAW AIR Ski Jumping Tournament. The opening ceremony takes place Friday 10 March followed by the first competition round, which also serves as qualification for Sunday's Ski Jumping competition. There is more information on RAW AIR on page 6. The ski jumpers are back in the hill Saturday afternoon for the team competition as well as for the traditional individual competition Sunday afternoon.

The women's ski jumping competition is scheduled for Sunday morning.

The Nordic Combined events take place on Saturday (provisional jumping round on Friday); the Ski Jumping in the morning and the Cross-Country race in the afternoon.

The Cross-Country competitions are the traditional men's 50 km on Saturday and the women's 30 km on Sunday, again in classic style. Both races have the maximum total climb allowed and are the toughest of the FIS World Cup 50 and 30 km races.

PROGRAM

FRIDAY 10 MARCH

- 11:00 Nordic Combined, Ski Jumping, Provisional Competition Round, Holmenkollbakken (HS134)
- 16:30 Ski Jumping Men RAW AIR, Opening Ceremony
- 17:00 Ski Jumping Men RAW AIR, Opening Competition

SATURDAY 11 MARCH

- 11:00 Nordic Combined, Ski Jumping, Holmenkollbakken (HS134)
- 12:45 Cross-Country Men, 50 km C Mass Start
- 15:40 Nordic Combined, Cross-Country 10 km
- 16:15 Ski Jumping Men RAW AIR Team, Holmenkollbakken (HS134)

SUNDAY 12 MARCH

- 09:30 Youth Relay Cross-Country
- 10:30 Ski Jumping Women, Holmenkollbakken (HS134)
- 12:00 Cross-Country Women, 30 km C Mass Start
- 14:15 Ski Jumping Men RAW AIR, Holmenkollbakken (HS134)

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Holmenkollen Skifest home page: skifest.no (Norwegian) or osloskifest.com (English)

ACCREDITATION

ACCREDITATION CARDS

Accreditation cards must to be picked up in person at the Accreditation Center at the *Scandic Holmenkollen Park Hotel, Kongeveien 5*, which is about a 5-minute-walk from the venue.

ACCREDITATION CENTER OPENING HOURS

Thursday, 9 March	08:00–20:00
Friday, 10 March	08:00–20:00
Saturday, 11 March	08:00–17:00
Sunday, 12 March	08:00–14:00

PRESS CENTER

The Main Press Center (MPC) is located right next to finishing line for the Cross-Country races. Here you will find a working area with free Wi-Fi access and refreshments.

A hot meal will be available at approximately these times:

Friday	19:00
Saturday	15:15 & 18:30
Sunday	13:30 & 16:30

PRESS CENTER OPENING HOURS

Thursday, 9 March	10:00–18:00
Friday, 10 March	10:00–21:00
Saturday, 11 March	09:00–20:00
Sunday, 12 March	09:00–20:00

TRANSPORT

MEDIA SHUTTLE BUS DEPARTURES

Down town Oslo to Holmenkollen

Departure point: *Radisson Blu Plaza Hotel, Sonja Henies plass 3 (next to Oslo S (Oslo Central Station))*

First (and only) stop at: *Radisson Blu Scandinavia Hotell, Holbergs gate 30*

THURSDAY

14:00 Radisson Blu Plaza Hotel

14:15 Radisson Blu Scandinavia Hotell

FRIDAY

10:00 Radisson Blu Plaza Hotel

10:15 Radisson Blu Scandinavia Hotell

14:30 Radisson Blu Plaza Hotel

14:45 Radisson Blu Scandinavia Hotell

SATURDAY

09:30 Radisson Blu Plaza Hotel

09:45 Radisson Blue Scandinavia Hotell

14:30 Radisson Blu Plaza Hotel

14:45 Radisson Blu Scandinavia Hotell

SUNDAY

09:30 Radisson Blue Plaza Hotel,

09:45 Radisson Blue Scandinavia Hotell

12:00 Radisson Blue Plaza Hotel

12.15 Radisson Blue Scandinavia Hotell

If you need transport to downtown Oslo from Holmenkollen, please contact the desk in the Media Center.

PUBLIC TRANSPORT

Public transport is a fast and convenient way to get to the venue from downtown Oslo. Take metro line (T-bane) number 1 in the direction of *Frognerseteren* from any metro station in the city center and get off at *Holmenkollen*. For more information, please see ruter.no/en/.

PARKING

If you need a parking space, please contact media@holmenkollen.com

RAW AIR

RAW AIR is a new Norwegian ski jumping tournament taking place in four different cities and ski jumping hills 10-19 March 2017. It all starts in Holmenkollen. Then the athletes travel to Lillehammer, next Trondheim before it all ends with a super final in the ski flying hill in Vikersund.

Points for the overall tournament will be accumulated from all of the ten consecutive competition days and the individual athlete will take their own score from the team competitions.

PROGRAM

Oslo, Norway	Time	Day	Hill size	Remarks
10 March	17:00	Friday	HS134	Individual, Qualification
11 March	16:15	Saturday	HS134	Team
12 March	14:15	Sunday	HS134	Individual
Lillehammer, Norway				
13 March	17:30	Monday	HS138	Individual, Qualification
14 March	17:00	Tuesday	HS138	Individual
Trondheim, Norway				
15 March	17:30	Wednesday	HS138	Individual, Qualification
16 March	17:00	Thursday	HS138	Individual
Vikersund, Norway				
17 March	16:30	Friday	HS225	Individual, Qualification
18 March	16:15	Saturday	HS225	Team
19 March	14:15	Sunday	HS225	Individual

ACCREDITATION

The ordinary FIS World Cup media accreditation for Holmenkollen is sufficient for attending the RAW AIR events in Holmenkollen, a separate RAW AIR accreditation is not required. If you need media accreditation for other RAW AIR venues, please see the [RAW AIR website](#).

CONTACT

For general media enquiries please contact The Norwegian Ski Federation Head of Communications Espen Graff: espen.graff@skiforbundet.no

Please contact media@rawair.no for more information or if you have questions.

For more information about the different venues, see the [RAW AIR website](#) or send an e-mail to: info@rawair.no

PHOTOGRAPHERS

PHOTO BIBS

The photo bibs will be available at the Info Desk in the Press Center from Friday. There will be a deposit per bib which will be refunded upon returning the bib after the event. Please bring the bibs back no later than one hour after the end of the event. The photo bibs **MUST** be worn for the duration of the cross-country race.

PHOTO BRIEFING

There will be a photo briefing in the Press Center on Friday and Saturday. Exact times will be communicated on location.

PHOTO POSITIONS

All information about photo zones will be given by the Chief of Photo in a briefing in the Press Center Friday and Saturday.

SKI JUMPING HILL

Please note that there has to be a safety distance of 2 meters before and after the wind measurement devices on the stairs on the sides of the ski jumping hill. Please follow the instructions of the distance measurers in regards to this.

TRACKS

On the track, the entire stadium is a clean zone and photo positions inside it are not available with the exception of the photo position communicated at the photo briefing. Crossing the ski track is not allowed except when accompanied by the photo service staff. Please follow the instructions of the security staff.

PHOTO OPPORTUNITY IN THE TOWER






At certain times (during official training), it will be possible to take pictures from the inrun tower. Please contact the Info Desk in the Press Center to sign up for this guided position.

CEREMONIES

For the ceremonies, photographers will be led into the finish area to take pictures. Please follow the instructions of the security staff and stay behind the indicated line for the duration of the ceremony.

WEATHER FORECAST

As of 7 March

Wednesday 8 March (12–18)	Thursday 9 March (13–19)	Friday 10 March (13–19)	Saturday 11 March (13–19)	Sunday 12 March (13–19)
Fair 	Partly cloudy 	Clear sky 	Clear sky 	Clear sky 
-4 °C	-2 °C	1 °C	0 °C	0 °C
0 mm	0 mm	0 mm	0 mm	0 mm
Light breeze, 2 m/s from south- southeast	Gentle breeze, 5 m/s from north	Light air, 1 m/s from north	Light air, 1 m/s from south- southwest	Gentle breeze, 4 m/s from north-northwest

For up-to-date weather forecast, see yr.no

VENUE

HOLMENKOLLEN NATIONAL SKI ARENA

Holmenkollen National Ski Arena is among the most famous sports arenas in the world. It is one of Norway's most visited tourist attraction and includes the [Holmenkollen Ski Museum and Jump Tower](#), shops, a café and a ski simulator. It is the gateway to Nordmarka, a very popular recreational area for the inhabitants of Oslo. From the ski jump tower, 60 meters above the ground and 417 meters above sea level, you can experience a breathtaking view of Oslo and the fjord below.

The arena is Norway's national venue for Nordic skiing. Its ski jumping facilities comprise the well-known K120 Holmenkollen ski jumping hill as well as the K90 hill in Midtstulia. In Midtstulia there are another four hills for children and beginners, with K points of K10, K20, K40 and K60, respectively. All the five jumping hills in Midtstulia have a plastic inrun and can be used all-year-round.

For cross-country skiers, there are about 5 km of slopes with asphalt surface for roller skiing. There is also a shooting range and the arena has hosted many biathlon world cup races as well as the biathlon World Championships in 1986, 2000 and 2016.

Holmenkollen was a venue of the Winter Olympics in 1952 and hosted the FIS Nordic World Ski Championships in 1930, 1966, 1982 and 2011.

STATS AND FACTS

HOLMENKOLLEN

The ski jumping hill was rebuilt for the World Championships in 2011 and the new hill was officially opened on 3 March 2010. It claims to be the world's most modern ski jumping facility. The start house soars around 64 meters above the ground and the construction comprises 1,000 tons of steel.

- Holmenkollen is the world's most modern ski jump facility
- The newest ski jump in the world
- The first ski jump in the world with permanent wind protection inherent to its design and construction
- The only steel ski jump in the world
- Cabin lift to the very top of the ski jump for the benefit of competitors, judges, press and public alike
- The ski jump has permanent wind protection as an integrated part of the inrun construction.
- New judges' grandstand, new royal grandstand and improved facilities for the public.
- Upgraded light and sound system
- Spectator capacity: 30 000

INRUN

- The total length is 96.95 meters
- The steepest point is 36 degrees
- The height of the takeoff is 3 meters
- The width of the track/track bed is 2.77 meters

DOWNHILL SLOPE

- The hill size is 134 meters – the K point is 120 meters
- At the steepest point of the downhill slope the angle is 35.7 degrees, measured 105.6 meters from the takeoff
- The angle at the hill size is 30.8 degrees
- The width of the landing slope is 25.2 meters
- The height difference from the edge of the takeoff to the K point is 59.1 meters
- There are around 250 steps to the top
- Holmenkollen ski jump is situated approximately 375 meters above sea level

BUILDING MATERIALS

Tower/inrun construction in steel, grandstands in steel and concrete.

For certificate of jumping hill, please see Attachment 1.

MIDTSTUEN

- K point 90 metres
- Hill size 106 meters
- Plastic inrun – can be used in the summer as well
- Lift from the bottom to the foot of the tower
- Capacity of 15,000 spectators

Sources: [Skiforeningen](#) and the municipality of Oslo

CELEBRATING 125 YEARS OF SKIING

Holmenkollen has been the venue for great skiing experiences since the first skiing event took place in 1892. In 2017, Holmenkollen celebrates its 125th birthday!

The world cup in both Nordic skiing 10 – 12 March and Biathlon 17 – 19 March will definitely mark the celebration year and invites more than 100.000 spectators from around the world.

Today Holmenkollen Ski Arena fits more than 70.000 excited supporters in the grandstands – in addition to thousands of cheering supporters in the woods along the ski trails. The team behind Holmenkollen Skifestival is proud of and thankful for its partners and its volunteers who have ensured and helped to deliver some of the best skiing moments during the last 125 years.

FUN FACTS

- Holmenkollen is pronounced ['hɔlmən'kɔləŋ]
- The Royal Family of Norway attends the Holmenkollen Skifestival every year, and has its own grandstand in the arena called Kongetribunen (the King's grandstand)
- Holmenkollen Arena has hosted competitions since 1892
- The first ski jump in Holmenkollen was made of snow and twigs.
- Large parts of the plot of the mystery novel "The Snowman" – particularly the book's final climactic scenes – are set in Holmenkollen, both the residential area and the ski jump.
- Holmenkollen Ski Jump Hill and Arena were rebuilt for the 2011 FIS Nordic World Ski Championships and opened 3 March 2010.
- Holmenkollen Ski Arena is one of Norway's most visited tourist attractions
- Holmenkollen Ski Arena has installed the World's largest slush machines to produce top quality ski jumping hills. However – you can literally make yourself a huge shave ice by adding flavour!
- Holmenkollen Ski Arena includes the Holmenkollen Ski Museum and Jump Tower, shops, a Café and even a Ski simulator.

COMPETITIONS

CROSS-COUNTRY

50 km Men, Classic style

Saturday 11 March 12:45

The men's 50 km race is in classic style and consists of 6 laps of 8.3 km. There is a bonus sprint at Frognerseteren on all laps.

A new uphill at Seterbakken was added in 2016, ensuring that the total climb is at the FIS maximum of 200 m for the 50 km, making it the toughest 50 km on the World Cup circuit.

30 KM WOMEN, CLASSIC STYLE

Sunday 12 March 12:00

The women's 30 km race is in classic style and consists of 1 lap of 5 km and then 3 laps of 8.3 km. On the first lap there is a bonus sprint at 3 km and then there is a bonus sprint at Frognerseteren on all the 3 laps of 8.3 km.

NORDIC COMBINED

Friday 10 March

11:00 Ski Jumping HS134 Provisional Competition Round

Saturday 11 March

11:00 Ski Jumping HS134

15:40 Cross-Country 10 km (4 laps of 2.5 km)

SKI JUMPING

Sunday 12 March 10:30 – Women

Holmenkollen is the largest hill on the women's circuit. The current hill record for women is held by Sarah Takanashi of Japan who jumped 137,5 meters in 2016.

Friday 10 March 16:30 – Men

16:30 – RAW AIR Opening Ceremony

17:00 – RAW AIR Qualification, 1 round. To be used as qualification for Sunday's competition.

Saturday 11 March 16:15 – RAW AIR Men Teams

Sunday 12 March 14:15 – RAW AIR Men

The current hill record is held by Andreas Kofler of Austria who jumped 141.0 meters in 2011. See list of all records on page 19.

A BRIEF HISTORY OF SKIING EVENTS IN HOLMENKOLLEN

THE FIRST SKI-JUMPING COMPETITION

The first skiing jumping competition in Holmenkollen took place in 1892². As was usual at the time, the skiers had to master both cross-country skiing and ski jumping. The competition consisted of an 18 km cross-country race on Saturday 30 January and a ski-jumping competition on 31 January. The event had been moved from Husebybakken, further down the hill, due to lack of snow. However, the conditions for the cross-country race were poor in Holmenkollen as well, and the fall rate on the ski jump was as high as 73%. Nevertheless, 12,000 spectators came to witness the events. The ski jump was constructed from branches and covered in snow. The longest jump was recorded at 21.5 meters.

In the early days in Holmenkollen, the competition consisted of the combination of cross-country skiing and ski jumping, and it was not until 1933 that a special ski-jumping event was introduced. In 1901, a 30 km cross-country race was added to the program, only to be replaced by a 50 km event the following year. Slalom and downhill racing were introduced for the first time in 1947, with giant slalom being added in 1951. The slalom event was organized in Rødkleiva (Oslo) and the giant slalom and downhill events in Norefjell (county of Buskerud).

After the war, in 1946, the ski jumping event attracted vast crowds, exceeding 100,000 for the first time. The biggest crowd was present for the Olympic ski jumping event in 1952. 120,000 spectators surrounded the arena, which is still the biggest crowd to have been present.

THE STORY OF THE 50 KM

According to the book "Femmila" by Thor Gotaas¹, the first cross-country ski race of the modern times was a 5 km mass start held in Tromsø (in Northern Norway) in 1843.

THE FIRST 50 KM RACE

Only in the 1880s, the real long races started in Trondheim and Kristiania (the name of Oslo at the time). On 7 February 1888, the first ever 50 km competition was held in Nordmarka. Why just 50 km? It was a round number. Moreover, it was a much farther distance than any other Norwegian ski race, but still manageable compared to other races, like the 220 km race in Jokkmokk in Sweden in 1884.

The race started near Majorstuen station. The first part was a climb and then the trail crossed fields, meadows and woods, but it did not continue a long way into Nordmarka as it would do later.

For the next decade, there was no more 50 km races in Norway, the common distance was about 15 km. But in 1902, a 50 km race took place in Nordmarka for the first time, and according to Gotaas it is the oldest skiing competition in the world. Norwegian skiing needed a new annual attraction. And it had to be a strenuous test of character, also to match the endurance of the Swedes and Finns when it came to skiing. In 1902, the natural thing to do was to ski a 25-kilometer-lap from Frognerstølen twice. A two-lap-race was practical because of the refreshment stations and in case someone would not be able finish.

Up until 1910, there were only a few participants in the 50 km race. After a promising start in 1903 when 52 signed up, also quite a number of Swedes, the number of skiers taking part was less than 20 for a few years. In 1908, only 7 men finished. The distance was considered long and tough. It took some time for the 50 km to find its form, but most years until after the second world war the course was one round in Nordmarka.

THE TWO TIMES 25 KM ERA

The 25 km lap was first used in 1951. Ahead of the World Championships in Oslo in 1966, a new course was laid, and from then till the next World Championships, in 1982, the course was the same two laps in Nordmarka. For the 1982 race, the lap was shortened slightly because it was found to be farther than 25 km. The new turning point was Glåmene and the race was now exactly 50 km. The 50 km continued in the same 25 km lap up to and including 1997.

THE IDEA BEHIND THE COURSE

There was an essential idea behind the 50 km races in Holmenkollen in the early days: It was to be the most difficult test of skiing skills, power and endurance. For this reason, the contest had to take place in the nature, far into the forest, away from roads and inhabited areas, out of the town and deep into Nordmarka. The toughest skier was to be found and that demanded that he was tested against the various features of nature.

Moreover, there had to be a structure to the course. A long climb had to be followed by an easier part. The course should change like a symphony on snow, and variation was the key. And for this purpose, Nordmarka was perfect. It rises and lowers, marshlands are followed by water, and after a steep area there is a flat part. With its possibilities and limitations, Nordmarka left its distinct mark on the course and the race. It was meant to be difficult, it was meant to be hard. The point of it all was to overcome the features of nature.

For years, the course changed each year and was kept secret not to give anyone the advantage of being able to train on the exact course. The course team worked in secret and it gave great status to be part of the group that set the course.

MASS START

There were skiing competitions in Finland and Sweden as well, most commonly 60 km or 90 km, but in a very different terrain. In Finland, the slopes often crossed lakes and rivers, whereas in Sweden they preferred roads. Another difference was that in Sweden and Finland the prevailing competition style was mass start whereas in Norway they used interval start.

As of 1982, the Holmenkollen cross-country competitions have been part of the FIS World Cup. From 2010, the 30 km and 50 km races in Holmenkollen have been mass starts.

FEMALE COMPETITORS

With the introduction of the slalom event, female competitors were able to join the Holmenkollen skiing event for the first time. The first official cross-country competition for women, a 10 km race, took place in 1954. This was to be the only women's event until 1966 when as part of the world championships the distances of 5 km, 10 km and 3x5 km relay were contested. The 20 km race in Holmenkollen was introduced in 1981, and since 1988 (except for 1989-1994), the 30 km has been part of the program.

In 2001, the first female ski jumping event was held in the Midtstuen ski jumping hill.

References

1. Gotaas, Thor. (2013). *Femmila. Skisportens manndomsprøve*. Oslo: Gyldendal Norsk Forlag.
2. The Skiforeningen website. [History](#)

PREVIOUS RESULTS IN HOLMENKOLLEN

CROSS-COUNTRY

WOMEN

30 KM

Year, Date, Format	Winner	Runner up	Third Place
2016 – 7 February C – Mass Start	Therese Johaug, NOR	Ingvild Flugstad Østberg, NOR	Anne Kyllönen, FIN
2015 – 15 March F – Mass Start	Marit Bjørgen, NOR	Therese Johaug, NOR	Astrid Urenholdt Jakobsen, NOR
2014 – 9 March C – Mass Start	Marit Bjørgen, NOR	Therese Johaug, NOR	Kerttu Niskanen, FIN
2013 – 17 March F – Mass Start	Therese Johaug, NOR	Justyna Kowalczyk, POL	Yulia Tchekaleva, RUS
2012 – 11 March C – Mass Start	Marit Bjørgen, NOR	Justyna Kowalczyk, POL	Therese Johaug, NOR
2011 – 5 March F – Mass Start	Therese Johaug, NOR	Marit Bjørgen, NOR	Justyna Kowalczyk, POL
2010 – 13 March F – Mass Start	Marit Bjørgen, NOR	Kristin Størmer Steira, NOR	Therese Johaug, NOR
2008 – 8 March F	Valentina Shevchenko, UKR	Charlotte Kalla, SWE	Claudia Nystad, GER
2007 – 17 March C	Aino Kaisa Saarinen, FIN	Virpi Kuitunen, FIN	Petra Majdic, SLO
2006 – 11 March F	Julija Tchepalova, RUS	Katerina Neumannova, CZE	Evi Sachenbacher Stehle, GER
2005 – 12 March C	Marit Bjørgen, NOR	Katerina Neumannova, CZE	Virpi Kuitunen, FIN
2004 – 28 February F	Julija Tchepalova, RUS	Sabina Valbusa, ITA	Valentina Shevchenko, UKR
2003 – 8 March C	Bente Skari, NOR	Annmari Viljanmaa, FIN	Aino Kaisa Saarinen, FIN
2002 – 16 March F	Stefania Belmondo, ITA	Kristina Smigun, EST	Gabriella Paruzzi, ITA
2001 – 10 March C	Larissa Lazutina, RUS	Bente Skari, NOR	Olga Savialova, RUS
2000 – 11 March C	Olga Danilova, RUS	Larissa Lazutina, RUS	Kaisa Varis, FIN

MEN
50 KM

Year, Date, Format	Winner	Runner up	Third Place
2016 – 6 February C – Mass Start	Martin Johnsrud Sundby, NOR	Niklas Dyrhaug, NOR	Maxim Vylegzhanin, RUS
2015 – 14 March F – Mass Start	Sjur Røthe, NOR	Dario Cologna, SUI	Martin Johnsrud Sundby, NOR
2014 – 8 March C – Mass Start	Daniel Richardsson, SWE	Martin Johnsrud Sundby, NOR	Alexander Legkov, RUS
2013 – 16 March F – Mass Start	Alexander Legkov, RUS	Martin Johnsrud Sundby, NOR	Ilya Chernousov, RUS
2012 – 10 March C – Mass Start	Eldar Rønning, NOR	Dario Cologna, SUI	Martin Johnsrud Sundby, NOR
2011 – 6 March F – Mass Start	Petter Northug, NOR	Maxim Vylegzhanin, RUS	Tord Asle Gjerdalen, NOR
2010 – 13 March F – Mass Start	Petter Northug, NOR	Pietro Piller Cottrer, ITA	Vincent Vittoz, FRA
2008 – 8 March F	Anders Södergren, SWE	Lukas Bauer, CZE	Remo Fischer, SUI
2007 – 17 March C	Odd-Bjørn Hjelmeset, NOR	Tobias Angerer, GER	Frode Estil, NOR
2006 – 11 March F	Anders Södergren, SWE	Giorgio Di Centa, ITA	Tom Reichelt, GER
2005 – 12 March C	Andrus Veerpalu, EST	Jens Filbrich, GER	Odd-Bjørn Hjelmeset, NOR
2004 – 28 February F	Rene Sommerfeldt, GER	Fulvio Valbuso, ITA	Lukas Bauer, CZE
2003 – 8 March C	Andrus Veerpalu, EST	Andreas Aukland, NOR	Andrei Nourikhine, RUS
2002 – 16 March F	Thomas Alsgaard, NOR	Kristen Skjeldal, NOR	Pietro Piller Cottrer, ITA
2001 – 10 March C	Per Eloffsson, SWE	Anders Aukland, NOR	Frode Estil, NOR
2000 – 11 March C	Harri Kirvesniemi, FIN	Mikhail Ivanov, RUS	Michail Botvinov, AUT

NORDIC COMBINED

Year, Date, Format	Winner	Runner up	Third Place
2016 – 6 February Gundersen LH HS134/10.0 km	Jarl Magnus Riiber, NOR	Akito Watabe, JPN	Eric Frenzel, GER
2015 – 14 March Gundersen LH HS134/15.0 km	Akito Watabe, JPN	Johannes Rydzek, GER	Alessandro Pittin, ITA
2014 – 8 March Gundersen LH HS134/10.0 km	Johannes Rydzek, GER	Magnus Hovdal Moan, NOR	Francois Braud, FRA
2013 – 16 March Gundersen LH HS134/15.0 km	Jason Lamy Chappuis, FRA	Eric Frenzel, GER	Wilhelm Denifl, AUT
2013 – 15 March Gundersen LH HS134/10.0 km	Eric Frenzel, GER	Akito Watabe, JPN	Yoshito Watabe, JPN
2012 – 10 March Gundersen LH HS134/10.0 km	Bryan Fletcher, USA	Mikko Kokklien, NOR	Taihei Kato, JPN
2012 – 10 March Gundersen NH HS106/10.0 km	Akito Watabe, JPN	Mikko Kokklien, NOR	Bernhard Gruber, AUT
2011 – 2 March Gundersen LH HS134/10.0 km	Jason Lamy Chappuis, FRA	Johannes Rydzek, GER	Eric Frenzel, GER
2010 – 14 March Gundersen LH HS134/10.0 km	Jason Lamy Chappuis, FRA	Felix Gottwald, AUT	Magnus Hovdal Moan, NOR
2008 – 9 March Compact Sprint HS128/7.5 km	Petter L. Tande, NOR	Mario Stecher, AUT	Bernhard Gruber, AUT
2008 – 8 March Gundersen HS128/15.0 km	Bernhard Gruber, AUT	Christoph Bieler, AUT	Ronny Ackermann, GER
2007 – 18 March Sprint HS128/7.5 km	Jason Lamy Chappuis, FRA	Felix Gottwald, AUT	Bill Demong, USA
2006 – 12 March Sprint HS128/7.5 km	Bjoern Kirchheisen, GER	Magnus Hovdal Moan, NOR	Anssi Koivuranta, FIN
2006 – 11 March Ind HS128/15.0 km	Petter L. Tande, NOR	Jason Lamy Chappuis, FRA	Anssi Koivuranta, FIN
2005 – 13 March Sprint HS128/7.5 km	Hannu Manninen, FIN	Magnus Hovdal Moan, NOR	Ronny Ackermann, GER
2005 – 12 March Ind HS128/15.0 km	Magnus Hovdal Moan, NOR	Hannu Manninen, FIN	Ronny Ackermann, GER
2004 – 29 February Ind K115/15.0 km	Ronny Ackermann, GER	Samppa Lajunen, FIN	Mario Stecher, AUT

2004 – 28 February Sprint K115/7.5 km	Hannu Manninen, FIN	Samppa Lajunen, FIN	Ronny Ackermann, GER
2003 – 9 March Sprint K115/7.5 km	Ronny Ackermann, GER	Felix Gottwald, AUT	Ole Morten Græsli, NOR
2003 – 8 March Sprint K115/7.5 km	Ronny Ackermann, GER	Felix Gottwald, AUT	Ole Morten Græsli, NOR / Bjoern Kircheisen, GER
2002 – 16 March Sprint K115/7.5 km	Hannu Manninen, FIN	Samppa Lajunen, FIN	Ronny Ackermann, GER
2002 – 15 March Gundersen K115/15.0 km	Ronny Ackermann, GER	Jaakko Tallus, FIN	Samppa Lajunen, FIN
2001 – 10 March LH 7.5 km	Felix Gottwald, AUT	Hannu Manninen, FIN	Kristian Hammer, NOR
2001 – 9 March LH 15.0 km	Felix Gottwald, AUT	Bjarte Engen Vik, NOR	Marko Baacke, GER
2000 – 11 March Sprint	Bjarte Engen Vik, NOR	Kenneth Braaten, NOR	Kristian Hammer, NOR
2000 – 10 March LH 15.0 km	Bjarte Engen Vik, NOR	Samppa Lajunen, FIN	Jaakko Tallus, FIN

SKI JUMPING

MEN

Year, Date, Format	Winner	Runner up	Third Place
2016 – 7 February HS134	<i>Cancelled due to weather conditions</i>		
2015 – 14 March HS134	Severin Freund, GER	Peter Prevc, SLO	Rune Velta, NOR
2014 – 9 March HS134	Severin Freund, GER	Anders Bardal, NOR	Kamil Stoch, POL
2013 – 17 March HS134	Gregor Schlierenzauer, AUT / Piotr Zyla, POL		Robert Kranjec, SLO
2012 – 11 March HS134	Martin Koch, AUT	Severin Freund, GER	Robert Kranjec, SLO
2011 – 3 March HS134	Gregor Schlierenzauer, AUT	Thomas Morgenstern, AUT	Simon Ammann, SUI
2010 – 14 March HS134	Simon Ammann, SUI	Adam Malysz, POL	Andreas Kofler, AUT
2008 – 9 March HS128	Gregor Schlierenzauer, AUT	Tom Hilde, NOR	Bjørn Einar Romøren, NOR
2007 – 18 March HS128	Simon Ammann, SUI	Martin Koch, AUT	Matti Hautamäki, FIN
2007 – 17 March HS128	Adam Malysz, POL	Andreas Küttel, AUT	Anders Bardal, NOR
2006 – 12 March HS128	Adam Malysz, POL	Thomas Morgenstern, AUT	Andreas Kofler, AUT
2005 – 13 March HS128	Matti Hautamäki, FIN	Bjørn Einar Romøren, NOR	Michael Uhrmann, GER
2004 – 14 March K115	Roar Ljøkelsøy, NOR	Simon Ammann, SUI	Bjørn Einar Romøren, NOR
2003 – 9 March K115	Simon Ammann, SUI	Florian Liegl, AUT/ Roar Ljøkelsøy, NOR	
2002 – 17 March K115	Simon Ammann, SUI	Sven Hannawald, GER	Adam Malysz, POL
2001 – 11 March K115	Adam Malysz, POL	Stefan Horngacher, AUT	Martin Schmitt, GER
2000 – 12 March K115	Sven Hannawald, GER	Ville Kantee, FIN	Janne Ahonen, FIN

MEN'S TEAM

Year, Date, Format	Winner	Runner up	Third Place
2016 – 6 February HS134	Slovenia	Norway	Japan
2011 – 5 March HS134	Austria	Norway	Slovenia
2003 – 8 March K115	Austria	Finland	Germany
1996 – 15 March K120	Austria	Norway	Germany

WOMEN

Year, Date, Format	Winner	Runner up	Third Place
2016 – 4 February HS134	Sara Takanashi, JPN	Maren Lundby, NOR	Irina Avvakumova, RUS
2015 – 13 March HS134	Sara Takanashi, JPN	Sarah Hendrickson, USA	Taylor Henrich, CAN
2014 – 8 March HS134	Sara Takanashi, JPN	Katja Pozun, SLO	Yuki Ito, JPN
2013 – 17 March HS134	Sarah Hendrickson, USA	Sara Takanashi, JPN	Jaqueline Seifriedsberger, AUT
2012 – 9 March HS106 (Midtstubakken)	Sarah Hendrickson, USA	Sara Takanashi, JPN	Anette Sagen, NOR
2011 – 25 February HS106 (Midtstubakken) World Ski Champ	Daniela Iraschko, AUT	Elena Runggaldier, ITA	Coline Mattel, FRA

HILL RECORDS

MEN

Year	Name	Country	Meters
1892	Arne Ustvedt	Norway	21.5
1893	Sverre Ingemann	Norway	22.0
1894	Jonas Holmen	Norway	22.5
1894	Iver Dahl	Norway	23.0
1896	Kristian Tandberg	Norway	24.0
1897	Eivind Roll	Norway	25.0
1897	Morten Hansen	Norway	25.5
1902*	Reidar Gjølme	Norway	29.5
1909	Leif Berg	Norway	31.0
1911*	Tore Vikar	Norway	33.0
1914*	Paul Braaten	Norway	33.5
1914	Johs. Thomassen	Norway	34.0
1914	Ole Grimsby	Norway	35.0
1917*	Gregorius Gravli	Norway	35.5
1917	Hans O. Oset	Norway	36.0
1917	Inge Roll	Norway	37.5
1918*	Ivar S. Dahl	Norway	38.0
1918	Josef Henriksen	Norway	42.0
1922	Narve Bonna	Norway	43.5
1922	Jacob Tullin Thams	Norway	46.0
1928*	Harald Sørensen	Norway	47.0
1928	Hans Vinjarengen	Norway	47.5
1928	Alf Andersen	Norway	48.0
1929	Roar Hellum	Norway	48.5
1929	Bjarne Rosen	Norway	49.5
1929	Arvid Smedsrud	Norway	50.0
1930	Olaf Ulland	Norway	50.5
1930	Knut Kobberstad	Norway	51.0
1930	Reidar Andersen	Norway	52.0
1938	Trygve Gundersen	Norway	54.5
1939*	Harry Lagert	Norway	55.0
1939	Thorstein Skinnarland	Norway	57.0
1939	Magnar Fosseide	Norway	58.0
1939	Ole Jansen	Norway	58.0
1939	Tore Fossbekk	Norway	59.0
1939	Einar Burdal	Norway	59.5
1939	Sven Selånger	Sweden	62.0
1940*	Reidar Karlsen	Norway	65.5
1940	Sigurd Haanes	Norway	66.0
1940	Jens Østby	Norway	68.0
1940	Kolbjørn Skjæveland	Norway	68.5
1947*	Olav Stavik	Norway	70.0
1947	Hans Kaarstein	Norway	71.0
1959*	Otto Leodolter	Austria	71.5
1962	Tormod Knutsen	Norway	73.5
1962	Yosuke Eto	Japan	78.0
1962	Toralf Engan	Norway	78.5

1962	Toralf Engan	Norway	80.5
1963*	Gene Kotlarek	USA	81.5
1963	Torbjørn Yggeseeth	Norway	84.5
1964	Veikko Kankkonen	Finland	85.0
1964	Veikko Kankkonen	Finland	87.0
1965	Lars Grini	Norway	89.0
1968	Gjert Andersen	Norway	89.0
1968	Bjørn Wirkola	Norway	91.0
1969	Topi Mattila	Finland	92.0
1976	Karl Schnabel	Austria	96.5
1977	Thomas Meisinger	East-Germany	98.5
1980*	Tom Levorstad	Norway	105.0
1980	Ole Bremseth	Norway	108.5
1981	Primoz Ulaga	Yugoslavia	109.5
1985	Heiko Hunger	East-Germany	110.5
1992*	Jon Inge Kjørum	Norway	113.5
1993	Steinar Solhaug	Norway	114.5
1994	Mario Stecher	Austria	126.5
1997	Håvard Lie	Norway	127.0
1999*	Olav Magne Dønnem	Norway	131.0
2000	Sven Hannawald	Germany	132.5
2005	Andreas Widhölzl	Austria	134.0
2006	Tommy Ingebrigtsen	Norway	136.0
2010*	Rune Velta	Norway	141.0 ¹
2010	Andreas Kofler	Austria	139.5
2011	Anders Jacobsen	Norway	142.5 ¹
2011	Andreas Kofler	Austria	141.0

* larger hill

¹ "unofficial" record

Bryhn, Rolf. (2011, 5. mars). Holmenkollbakken: Bakkerekorder menn. I Store norske leksikon. Hentet 15. februar 2017 fra https://snl.no/Holmenkollbakken%2FBakkerekorder_menn.

WOMEN

Year	Name	Country	Result
2000	Helena Olsson	Sweden	101.0
2001	Daniela Iraschko	Austria	110.0
2002	Anette Sagen	Norway	116.0
2004	Anette Sagen	Norway	127.5
2005	Anette Sagen	Norway	128.0
2013	Sarah Hendrickson	USA	133.5
2013	Sara Takanashi	Japan	134.0
2016	Maren Lundby	Norway	136.5
2016	Sara Takanashi	Japan	137.5

CERTIFICATE OF JUMPING HILL

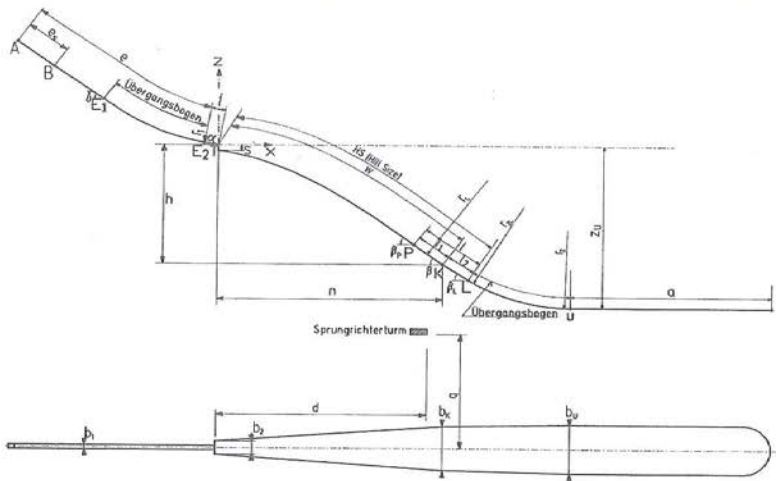


No. 86 / NOR 1 **1st prolongation**
CERTIFICATE OF JUMPING HILL
CERTIFICAT DE CONFORMITE
SCHANZENPROFILBESTÄTIGUNG

Date of issue 13.12.2015 Valid till 31.12.2020
 Établi le Valable jusqu'au
 Ausgestellt am Gültig bis

Place: Oslo Name: Holmenkollbakken

HS = 134 m h/n = 0,57 Vo = 26,30 m/s



e = 89,74 m	l ₁ = 14,40 m	z _U = / m
e _s = 17,60 m 40 gates	l ₂ = 13,90 m	P = 105,60 m
t = 6,60 m	a = 75,00 m sloping up	K = 120,00 m
γ = 36,00 °	β _p = 35,70 °	L = 134,00 m
α = 11,0 °	β = 33,20 °	b ₁ = 2,77 m
r ₁ = 108,80 m	β _L = 30,80 °	b _K = 25,20 m
h = 59,10 m	r _L = 329,80 m	b _U = 27,40 m
n = 103,70 m	r _{2L} = / m	d = 79,20 m
s = 3,00 m	r ₂ = 106,00 m	q = 34,60 m

Remarks / Bemerkungen

1. inspection by Pekka Hyvärinen (18th November 2015)
2. for the standards for the construction of jumping hills (ICR/IWO) the owner is responsible during the training and competition
3. the remarks of inspection report:
 - 3.1 must be fulfilled for validity of the certificate
 - 3.2 the solutions must be documented by Foto
4. the missing parameters of "r_{2L}" "z_U" must provide evidence by surveyor until 31.12.2016 for a certificate update

JUMPING HILL APPROVED BY THE FIS
 TREPLIN HOMOLOGUE PAR LA FIS
 DURCH DIE FIS GENEHMIGTE SPRUNGSCHANZE

SUB-COMMITTEE FOR JUMPING HILLS

CHAIRMAN:

Hans-Martin Renn

FÉDÉRATION INTERNATIONALE DE SKI
 INTERNATIONAL SKI FEDERATION
 INTERNATIONALER SKI VERBAND