

WEATHER FORECAST CENTER

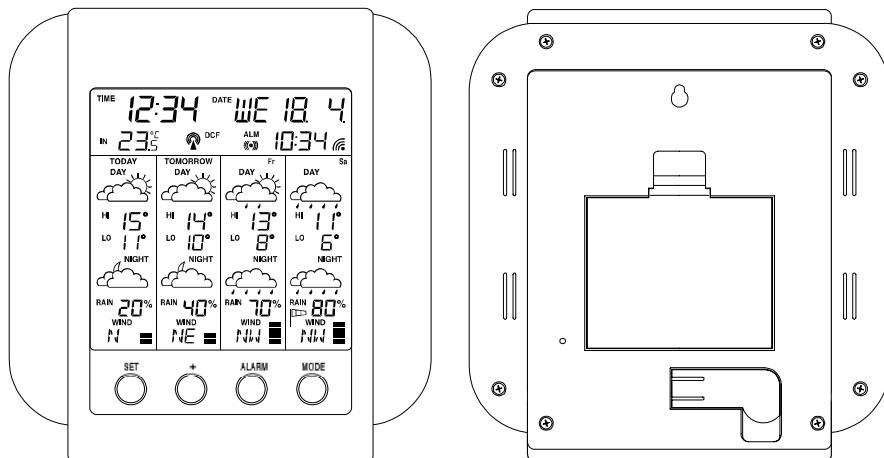
Instruction manual

INTRODUCTION

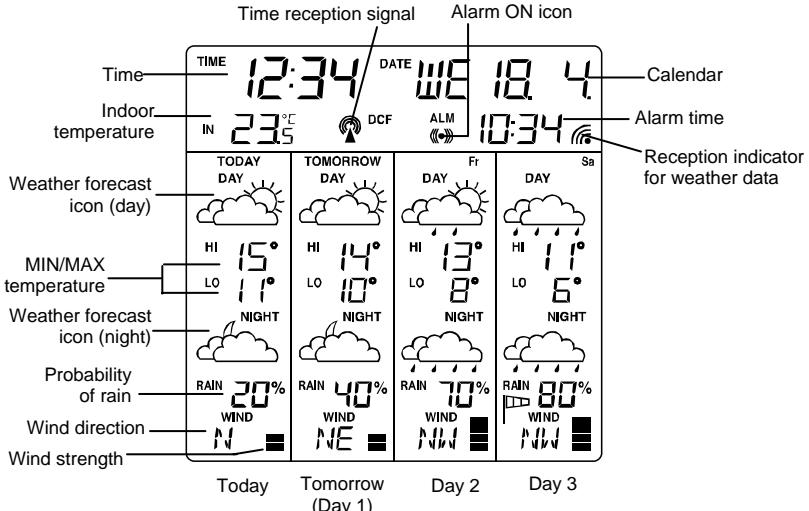
The Meteotronic Weather Forecast Center provides a professional weather forecast for the current and the next three days. The weather forecasts are made by professional meteorologists and are sent out with the radio-time signal generator DCF77 in Germany and HBG in Switzerland and can be received in almost all of Europe. The reception area for the radio-time signal generator is divided into a total of 90 meteorological regions (60 regions with 4 day forecast, 30 regions with 2 day forecast). The desired region for the local or holiday location is simply selected and the respectively current weather forecast is shown on the display. This gives you a quick overview of the weather situation for the following days at any time. Updating the weather data is done every day.

Please read the operating instructions carefully and completely before using for the first time, to prevent function errors and incorrect operation. Keep the instructions handy for consulting.

WEATHER FORECAST CENTER



DISPLAY



Reception indicator for weather data

Symbol on → Weather data completely received

Reception indicator for radio-time signal generator

Symbol flashing → Initial reception of date and time

Symbol on → Time and date are current

Symbol off → Time and date have not been updated

Alarm symbol

Symbol on → Alarm function switched on

Symbol off → Alarm function switched off

Symbol flashing → Alarm active or temporarily switched off (Snooze)

CHOOSING THE INSTALLATION LOCATION

Similar to a mobile telephone network or radio/TV reception, the reception of the radio-time receiver may not be perfect in all locations. Just a couple of notes to make sure that your device works with no problems.

The location of the weather station is very important. This is the reason for the new test function that allows the quality of reception to be checked in the surrounding area and to position the device in a location that has the best possible conditions.

Switch on all potential sources of interference (e.g. television) in the area that you want to install the station during the test!

Position the device in the location, oriented as you prefer, but at least one meter from the possible source of interference.

Activate test mode as described.

Monitor the reception display on the weather station. If you have found a location that has good reception, you can leave the device there and it will retrieve data automatically from the transmitter.

Note!

The time and date appear within a few minutes.

The transfer of larger quantities of data for the forecast take much longer: **In order to receive all data, the station requires 24 hours after start-up.**

POSSIBLE SOURCES OF INTERFERENCE

Interferences as with a radio transmitter can occur and could be caused by the following influences:

In buildings with a lot of concrete, metal parts and electrical systems, reception problems can occur (e.g. Mall).

Electrical devices such as television, computer, house-hold devices, etc. or transformers, land lines, radio transmitters and railways are possible direct sources of interference.

Atmospheric influences and geographical features (mountains, etc.) can affect the propagation of the radio waves.

The distance from the transmitter does also influence the reception. Areas such as Southern Italy or Northern Scandinavia are also critical areas because of the great distances from the transmitter.

In all regions, so-called "dead spots" can occur making reception impossible.

Weak batteries in the device decrease the quality of reception.

COMMISSIONING AND CONFIGURATION

Inserting batteries/Changing batteries

Open the battery compartment at the rear of the weather station and insert the three batteries (LR6/ Mignon/ AA), ensuring proper polarity, into the battery compartment.

When disposing of dead batteries, **see note on the disposal information.**

Note!

All internal data is deleted when you change the batteries. The configuration parameters (weather region, time zone and contrast) must be entered again (see the following chapter). Receiving all weather data requires a period of at least 24 hours.

Calling up/exiting the configuration menu

Calling up the configuration menu

Press the <SET> button for at least three seconds. The first point in the configuration menu (weather region) is called up.

Exiting the configuration menu

Press the <SET> button as often as required to reach the normal display again.

Setting the weather region

After calling up the configuration menu, the setting mode is active for the weather region. The text "loc" is shown on the display. The currently defined region is shown directly to the right. Use the <+> button to select the desired region now ([see Appendix](#)).

Note!

For regions 60 – 89, the forecast is limited to 2 days. Both fields for the following days (the far right on the display) remain empty.

The data is synchronized again after changing the region. The reception of the new weather data requires at least 24 hours.

Setting the time zone

From the start of the configuration, press the <SET> button again for the time zone setting mode. The text "ti" is shown on the display. The currently defined time zone is shown directly to the right. Use the <+> button to select the desired time zone.

Note!

The time received from the radio-time signal generator DCF or HBG is Central European Time (CET, CEST). Setting the time zone is therefore only required for other time zones (e.g. in Portugal or Great Britain).

Contrast setting

From the start of the configuration, press the <SET> button twice for the display contrast setting mode. The text "con" appears. The currently set value is displayed in the field on the right. The contrast can be set within a range from 1 to 16 using the <+> button.

Pressing the <SET> button again ends configuration mode.

Reception test

Press the <+> button for at least 3 seconds to activate the test for the reception of weather data. The text "test" is shown on the display. [**The reception indicator for the weather data shows the quality of reception.**](#)

The reception is good if the indicator is shown, otherwise a new location must be found for installing the weather station.

The reception test is either ended after approx. 1 minute automatically or by actuating the <+> button.

OPERATIONS

Alarm function

Press the <ALARM> button for at least three seconds to set the alarm time. The text "ALM" and the hours display flash. Use the <+> button for the hour setting. By pressing the <ALARM> button again, the minute setting is activated. The minute display flashes. Use the <+> button for the minutes setting. Press the <ALARM> button again to end the setting mode for the alarm time.

Use the <ALARM> button to activate or deactivate the alarm. When the alarm is active, the alarm symbol "((●))" is shown on the display.

The alarm signal can be interrupted with the <ALARM> button. Use the <SNOOZE> button to stop the alarm signal for five minutes. During this time, the alarm signal "((●))" flashes.

Show current weather region

Press the <SET> button to show the current weather region. The text „loc“ appears with the currently defined region on the display. An overview of the coding of all available regions can be found under [Appendix](#).

INTENDED USAGE, EXCLUSION OF WARRANTY, AND SAFETY INFORMATION

This weather station is intended for private usage as an indicator for future weather. The forecasts of this device are to be used as orientation values and do not represent absolute, precise forecasts.

The manufacturer or distributor of this weather station assumes no responsibility for incorrect values or any results that may occur because of these values.

The weather station is not intended for medical purposes or for the information to the public.

The manufacturer or distributor has no influence on the transferred weather data or forecasts.

The capabilities of the weather station depend on the operational functionality of the transmission media, which the manufacturer or distributor has no influence on. Failures in the transmission media cannot be ruled out.

This device is not a toy and contains breakable and small parts. Install the device out of the reach of children.

Improper handling or unauthorized opening of the device voids the guarantee.

These instructions are not to be reproduced in whole or in part without the written authorization from the manufacturer.

DISPOSAL INFORMATION

Do not dispose off the device as part of household garbage!

Electronic devices are to be disposed of in accordance with the guidelines concerning electrical and electronic devices via the local collecting point for old electronic devices!



Observe battery regulations

According to the regulations pertaining to batteries, you are required to send used or defective batteries back to us or to hand them in to the respective local business or battery collection point.

Batteries do not belong in the household waste!

Technical specifications

Indoor temperature:

Range: 0 to 50°C

Accuracy: ±1°C

Resolution: 0,1°C

Weather data updating: Every 24 hours

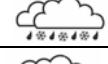
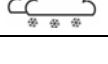
Power consumption: 3 x Battery LR6/ Mignon/AA

Dimensions (L x W x H) : 142 mm x 26 mm x 136 mm

ANHANG / APPENDIX / APPENDICE / APPENDICI / APÉNDICE

Wettersymbole / Weather symbols / Symbôles météo / Weerpictogrammen / Simboli meteorologici / Símbolos meteorológicos

GERMAN	ENGLISH	FRENCH	DUTCH	ITALIAN	ESPAÑOL	Tag / Day/ Jour / Dag/ Giorno / Día	Nacht / Night / Nuit/ Nacht/ Notte / Noche
Tag: sonnig Nacht: klar	Day: sunny Night: clear	Jour: ensoleillé Nuit: dégagé	Dag: zonnig Nacht: helder	Giorno: sereno Notte: sereno	Día: soleado Noche: clara		
Leicht bewölkt	Light cloudy	Légèrement nuageux	Licht Bewolkt	Leggerment nuvoloso	Ligeramente nublado		
Vorwiegend bewölkt	Mostly cloudy	Nuageux	Hoofdzakelijk bewolkt	Molto nuvoloso	Predominio de nubes		
Bedeckt	Overcast	Couvert	Zwaar bewolkt	Coperto	Nublado		
Hochnebel	Status cloud	Brouillard élevé	Stratuswolken	Nuvole a strati	Niebla alta		
Nebel	Fog	Brouillard	Mist	Nebbia	Niebla		
Regenschauer	Showers	Averses	Buien	Rovesci	Chubascos		
Leichter Regen	Light rain	Légère pluie	Lichte regen	Pioggia leggera	Lloviznas		
Starker Regen	Heavy rain	Forte pluie	Zware regen	Pioggia forte	Fuertes lluvias		
Fronten-gewitter	Frontal storms	Orages	Onweersbuien	Burrasca	Frente tormentoso		
Wärme-gewitter	Heat storms	Orage de chaleur	Onweer	Temporali estivi	Tormenta de calor		

Schneeregen-schauer	Sleet storms	Averses de neige fondue	Buien met sneeuwregen	Rovesci di nevischio	Chubasco de aguanieve		
Schneeschauer	Snow showers	Averses de neige	Sneeuwbuien	Rovesci di neve	Chubasco de nieve		
Schneeregen	Sleet	Neige fondue	Sneeuwregen!	Nevischio	Aguanieve		
Schneefall	Snow	Neige	Sneeuw	Neve	Nevadas		

WINDSYMBOLE / WIND SYMBOLS / SYMBOLES DE VENT / WINDSYMBOLEN / SIMBOLI DEL VENTO / SÍMBOLOS DEL VIENTO

Windstärke / Wind force / Vitesse du vent / Windkracht / Intensità del vento / Fuerza del viento

0 bis 13 km/h oder unbekannt	0 to 13 km/h or unkown	0 à 13 km/h ou non renseigné	0 t/m 13 km/u of onbekend	Da 0 a 13 km/h o non pervenuta	de 0 a 13 km/h o desconocido	
13 bis 30 km/h	13 to 30 km/h	13 à 30 km/h	13 t/m 30 km/u	Da 13 a 30 km/h	de 13 a 30 km/h	
30 bis 63 km/h	30 to 63 km/h	30 à 63 km/h	30 t/m 63 km/u	Da 30 a 63 km/h	de 30 a 63 km/h	
63 bis 76 km/h	63 to 76 km/h	63 à 76 km/h	63 t/m 76 kmu	Da 63 a 76 km/h	de 63 a 76 km/h	
76 bis 89 km/h	76 to 89 km/h	76 à 89 km/h	76 t/m 89 km/u	Da 76 a 89 km/h	de 76 a 89 km/h	
mehr als 89 km/h	more than 89 km/h	Plus de 89 km/h	meer dan 89 km/u	più di 89 km/h	Más de 89 km/h	

Windrichtung / Wind direction / Direction du vent / Windrichting / Direzione dal vento / Dirección del viento

Nord	North	Nord	Noord	Nord	Norte	
Nordwest	Northwest	Nord-ouest	Noordwest	Nord- ovest	Noroeste	
West	West	Ouest	West	Ovest	Oeste	
Südwest	Southwest	Sud-ouest	Zuidwest	Sud-ovest	Sudoeste	
Süd	South	Sud	Zuid	Sud	Sur	
Südost	Southeast	Sud-est	Zuidoost	Sud-est	Sureste	
Ost	East	Est	Oost	Est	Este	
Nordost	Northeast	Nord-est	Noordoost	Nord-est	Noreste	

**REGENWAHRSCHEINLICHKEIT / RAIN FORECAST / PROBABILITE DE PLUIE /
REGENVOORSPELLING / PREVISIONI DELLE PRECIPITAZIONI / PROBABILIDAD DE
PRECIPITACIÓN**

Die Regenwahrscheinlichkeit informiert in Prozent über die Möglichkeit von Niederschlag an dem betreffenden Tag unter Berücksichtigung der vorherrschenden Wetterlage.

The rain forecast informs about the probability of rainfall in % for that day, considering the current meteorological weather situation.

La prévision de pluie informe de la probabilité des précipitations en % pour le jour correspondant, suivant les données météo relevées.

De regenvoorspelling geeft informatie over de waarschijnlijkheid van neerslag in % voor die dag, rekening houdend met de huidige meteorologische situatie.

Le previsioni delle precipitazioni informano sulla possibilità di precipitazioni in % per quel giorno, considerando la situazione meteorologica corrente.

La probabilidad de precipitación informa del porcentaje de posibilidad de que se produzcan precipitaciones en el día respectivo teniendo en cuenta la situación meteorológica predominante.

WETTERREGIONEN / WEATHER REGIONS / REGIONS METEO / WEERGEBIEDEN / REGIONI METEOROLOGICHE/ REGIONES METEOROLÓGICAS

Im folgenden finden Sie eine Übersicht über alle Wetterregionen. Weitere Informationen gibt es unter www.meteotronic.info

The following is an overview of all weather regions. More information can be found under www.meteotronic.info

Vous trouverez ci-dessous la liste des régions météo. Pour plus de détail, nous vous invitons à consulter le site www.meteotronic.info

Hieronder volgt een overzicht van alle weergebieden. Voor meer informatie zie www.meteotronic.info

Di seguito si riporta un panorama di tutte le regioni meteorologiche. Ulteriori informazioni possono essere trovate sul sito www.meteotronic.info

A continuación se indica una tabla con todas las regiones meteorológicas. Para obtener información más detallada refiérase por favor a la siguiente dirección www.meteotronic.info

Regionen mit 4-Tages-Prognosen / Regions with 4 day forecast / Régions avec 4 jours de prévisions / Gebieden met 4-daagse prognose / Regioni con previsioni per 4 giorni / Regiones con previsión meteorológica para 4 días

Reg	Land / Country / Pays/ Paese / País	Ort / Location / Villes / Plaats / Posizione / Localidad
0	Frankreich / France / Frankrijk / Francia	Bordeaux / Burdeos
1	Frankreich / France / Frankrijk / Francia	La Rochelle
2	Frankreich / France / Frankrijk / Francia	Paris / Parigi / París
3	Frankreich / France / Frankrijk / Francia	Brest
4	Frankreich / France / Frankrijk / Francia	Clermont-Ferrand
5	Frankreich / France / Frankrijk / Francia	Béziers
6	Belgien / Belgium / Belgique/ België / Belgio / Bélgica	Brüssel / Brussels / Brussel / Bruselas
7	Frankreich / France / Frankrijk / Francia	Dijon / Digione
8	Frankreich / France / Frankrijk / Francia	Marseilles / Marsiglia / Marsella
9	Frankreich / France / Frankrijk / Francia	Lyon / Lione / Lyón
10	Frankreich / France / Frankrijk / Francia	Grenoble
11	Schweiz / Switzerland / Suisse / Zwitserland / Svizzera / Suiza	La Chaux de Fonds
12	Deutschland / Germany / Allemagne/ Duitsland / Germania / Alemania	Frankfurt a. Main / Francoforte sul Meno / Fráncfort del Meno
13	Belg., Lux., Deutschl. / Belg., Lux., Germany / Belg., Lux., Allemagne / Belg., Lux., Duitsland / Belgio, Luss.,	Wallone (Trier) / Wallonia (Trier) / Vallonia (Trier)

	Germania / Bélg., Lux., Alem.	
14	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Duisburg
15	Großbritannien / Great Britain / Grande Bretagne / Groot-Britannië / Gran Bretagna / Gran Bretaña	Swansea
16	Großbritannien / Great Britain / Grande Bretagne / Groot-Britannië / Gran Bretagna / Gran Bretaña	Manchester
17	Frankreich / France / Frankrijk / Francia	Le Havre
18	Großbritannien / Great Britain / Grande Bretagne / Groot-Britannië / Gran Bretagna / Gran Bretaña	London / Londre / Londen / Londra / Londres
19	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Bremerhaven
20	Dänemark / Denmark / Danemark / Denemarken / Danimarca / Dinamarca	Herning
21	Dänemark / Denmark / Danemark / Denemarken / Danimarca / Dinamarca	Arhus
22	Deutschland /Germany / Allemagne / Duitsland / Germania / Alemania	Hannover
23	Dänemark / Denmark / Danemark / Denemarken / Danimarca / Dinamarca	Kopenhagen / Copenhagen / Copenhague
24	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Rostock
25	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Ingolstadt
26	Deutschland / Germany / Allemagne / Duitsland / Germania	München / Munich / Monaco / Múnich
27	Italien / Italy / Italie / Italië / Italia	Bozen / Bolzano
28	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Nürnberg / Nuremberg / Norimberga
29	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Leipzig
30	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Erfurt
31	Schweiz / Switzerland / Suisse / Zwitserland / Svizzera / Suiza	Lausanne / Losanna
32	Schweiz / Switzerland / Suisse / Zwitserland / Svizzera/ Suiza	Zürich / Zurich / Zurigo / Zürich
33	Schweiz / Switzerland / Suisse / Zwitserland / Svizzera / Suiza	Adelboden
34	Schweiz / Switzerland / Suisse / Zwitserland / Svizzera / Suiza	Sion
35	Schweiz / Switzerland / Suisse / Zwitserland / Svizzera /	Glarus

	Suiza	
36	Schweiz / Switzerland / Suisse / Zwitserland / Svizzera / Suiza	Davos
37	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Kassel
38	Schweiz / Switzerland / Suisse / Zwitserland / Svizzera / Suiza	Locarno
39	Italien / Italy / Italie / Italië / Italia	Sestriere
40	Italien / Italy / Italie / Italië / Italia	Mailand / Milan / Milano / Milán
41	Italien / Italy / Italie / Italië / Italia	Rom / Rome / Roma
42	Niederlande / Holland / Nederland / Olanda / Países Bajos	Amsterdam
43	Italien / Italy / Italie / Italië / Italia	Genua / Genoa / Genova / Génova
44	Italien / Italy / Italie / Italië / Italia	Venedig / Venice / Venetië / Venezia / Venecia
45	Frankreich / France / Frankrijk / Francia	Strasbourg / Strasburgo / Estrasburgo
46	Österreich / Austria / Autriche/ Oostenrijk	Klagenfurt
47	Österreich / Austria / Autriche / Oostenrijk	Innsbruck
48	Österreich / Austria / Autriche / Oostenrijk	Salzburg / Salzburgo
49	Slowakei / Slovakia / Slovaque / Slovakiye / Slovacchia / Eslovaquia	Bratislava
50	Tschechien / Czech Republic / Tchéquie / Tsjechië / Repubblica Ceca / Chequia	Prag / Prague / Praag / Praga
51	Tschechien / Czech Republic / Tsjechië / Repubblica Ceca / Chequia	Decin
52	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Berlin / Berlijn / Berlino / Berlín
53	Schweden / Sweden / Suède / Zweden / Svezia / Suecia	Göteborg / Goteborg
54	Schweden / Sweden / Suède / Zweden / Svezia / Suecia	Stockholm / Stoccolma / Estocolmo
55	Schweden / Sweden / Suède / Zweden / Svezia / Suecia	Kalmar
56	Schweden / Sweden / Suède / Zweden / Svezia / Suecia	Jönköping / Jonkoping
57	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Donaueschingen
58	Norwegen / Norway / Norvège / Noorwegen / Norvegia / Noruega	Oslo
59	Deutschland / Germany / Allemagne / Duitsland / Germania / Alemania	Stuttgart / Stoccarda

Regionen mit 2-Tages-Prognosen / Regions with 2 day forecast / Régions avec 2 jours de prévision / Gebieden met 2-daagse prognose / Regioni con previsioni per 2 giorni / Regiones con previsión meteorológica para 2 días

Reg	Land / Country / Pays/ Paese / País	Ort / Location / Villes / Plaats / Posizione / Localidad
60	Italien / Italy / Italie / Italië / Italia	Neapel / Naples / Napels / Napoli / Nápoles
61	Italien / Italy / Italie / Italië / Italia	Ancona
62	Italien / Italy / Italie / Italië / Italia	Bari
63	Ungarn / Hungary / Hongrie / Hongarije / Ungheria / Hungría	Budapest
64	Spanien / Spain / Espagne/ Spanje / Spagna / España	Madrid
65	Spanien / Spain / Espagne/ Spanje / Spagna / España	Bilbao
66	Italien / Italy / Italie / Italië / Italia	Palermo / Palerme
67	Spanien / Spain / Espagne/ Spanje / Spagna / España	Palma de Mallorca
68	Spanien / Spain / Espagne/ Spanje / Spagna / España	Valencia / Valence
69	Spanien / Spain / Espagne/ Spanje / Spagna / España	Barcelona / Barcelone
70	Andorra	Andorra
71	Spanien / Spain / Espagne/ Spanje / Spagna / España	Sevilla / Seville / Siviglia
72	Portugal / Portugal / Portugale / Portogallo	Lissabon / Lisbon / Lisbonne/ Lisboa / Lisboa
73	Italien / Italy / Italie / Italië / Italia	Sassari
74	Spanien / Spain / Espagne / Spanje / Spagna / España	Gijon / Gijón
75	Irland / Ireland / Irlande/ Ierland / Irlanda	Galway
76	Irland / Ireland / Irlande / Ierland / Irlanda	Dublin / Dublino / Dublín
77	Großbritannien / Great Britain / Grande Bretagne / Groot-Britannië / Gran Bretagna / Gran Bretaña	Glasgow
78	Norwegen / Norway / Norvège / Noorwegen / Norvegia / Noruega	Stavanger
79	Norwegen / Norway / Norvège / Noorwegen / Norvegia / Noruega	Trondheim
80	Schweden / Sweden / Suède / Zweden / Svezia / Suecia	Sundsvall
81	Polen / Poland / Pologne / Polen / Polonia	Danzig
82	Polen / Poland / Pologne / Polen / Polonia	Warschau / Warsaw / Varsavia / Varsovia
83	Polen / Poland / Pologne / Polen / Polonia	Krakau / Cracow / Cracovia
84	Schweden / Sweden / Suède / Zweden / Svezia / Suecia	Umea
85	Schweden / Sweden / Suède / Zweden / Svezia / Suecia	Oestersund
86	Schweiz / Switzerland / Suisse / Zwitserland / Svizzera / Suiza	Samedan
87	Kroatien / Croatia / Croatië / Croazia / Croacia	Zagreb / Zagabria
88	Schweiz / Switzerland / Suisse / Zwitserland / Svizzera / Suiza	Zermatt
89	Kroatien / Croatia / Croatië / Croazia / Croacia	Split / Spalato

