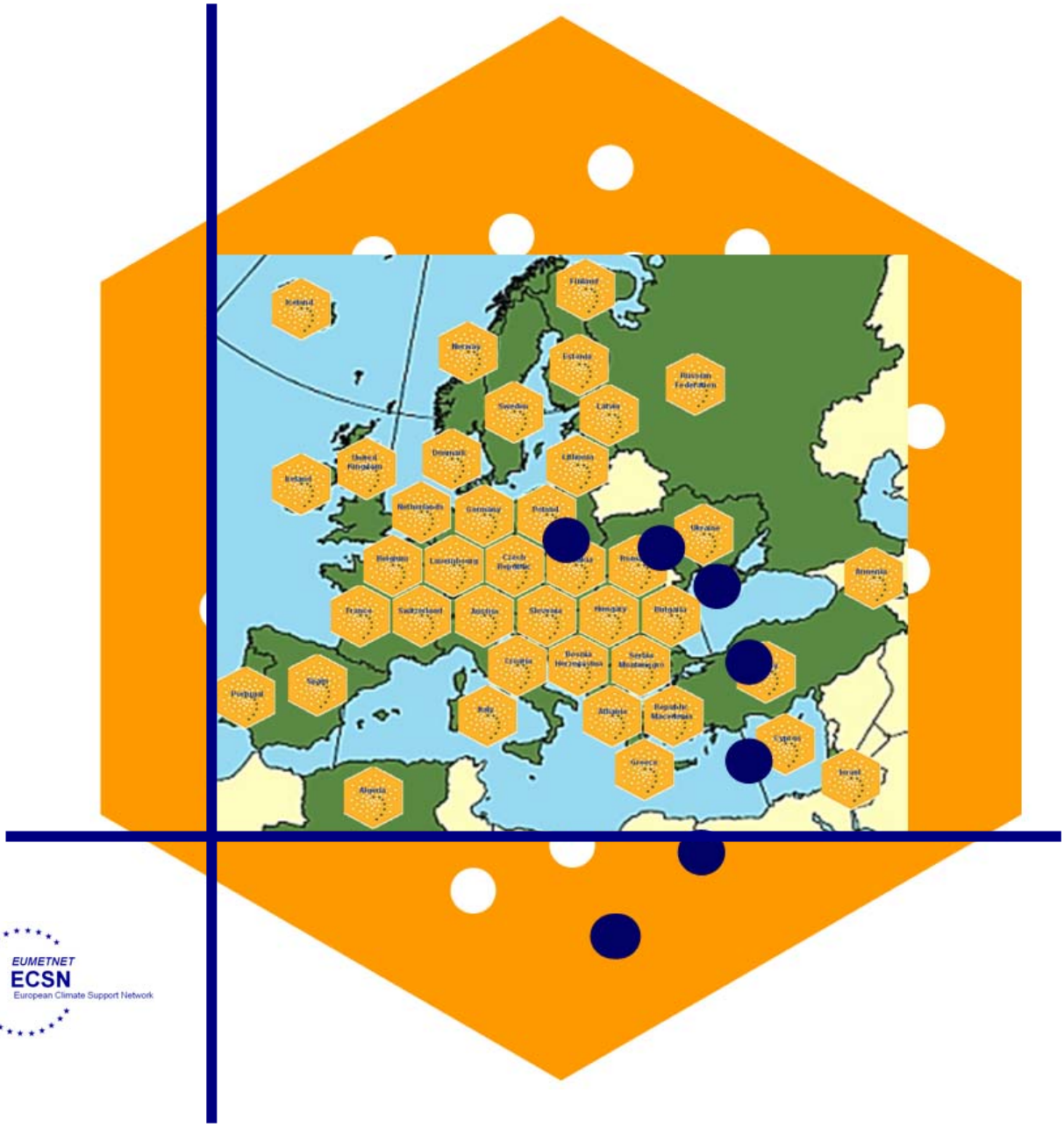
European Climate Assessment & Dataset (ECA&D)

Report 2008

"Towards an operational system for assessing observed changes in climate extremes"



EUMETNET ECSN European Climate Support Network

Initiated by the European Climate Support Network of EUMETNET

European Climate Assessment & Dataset (ECA&D)

Report 2008

"Towards an operational system for assessing observed changes in climate extremes"

Aryan van Engelen, Albert Klein Tank,
Gerard van de Schrier and Lisette Klok.
KNMI, December 2008

Contents

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European Climate Assessment & Dataset (ECA&D)

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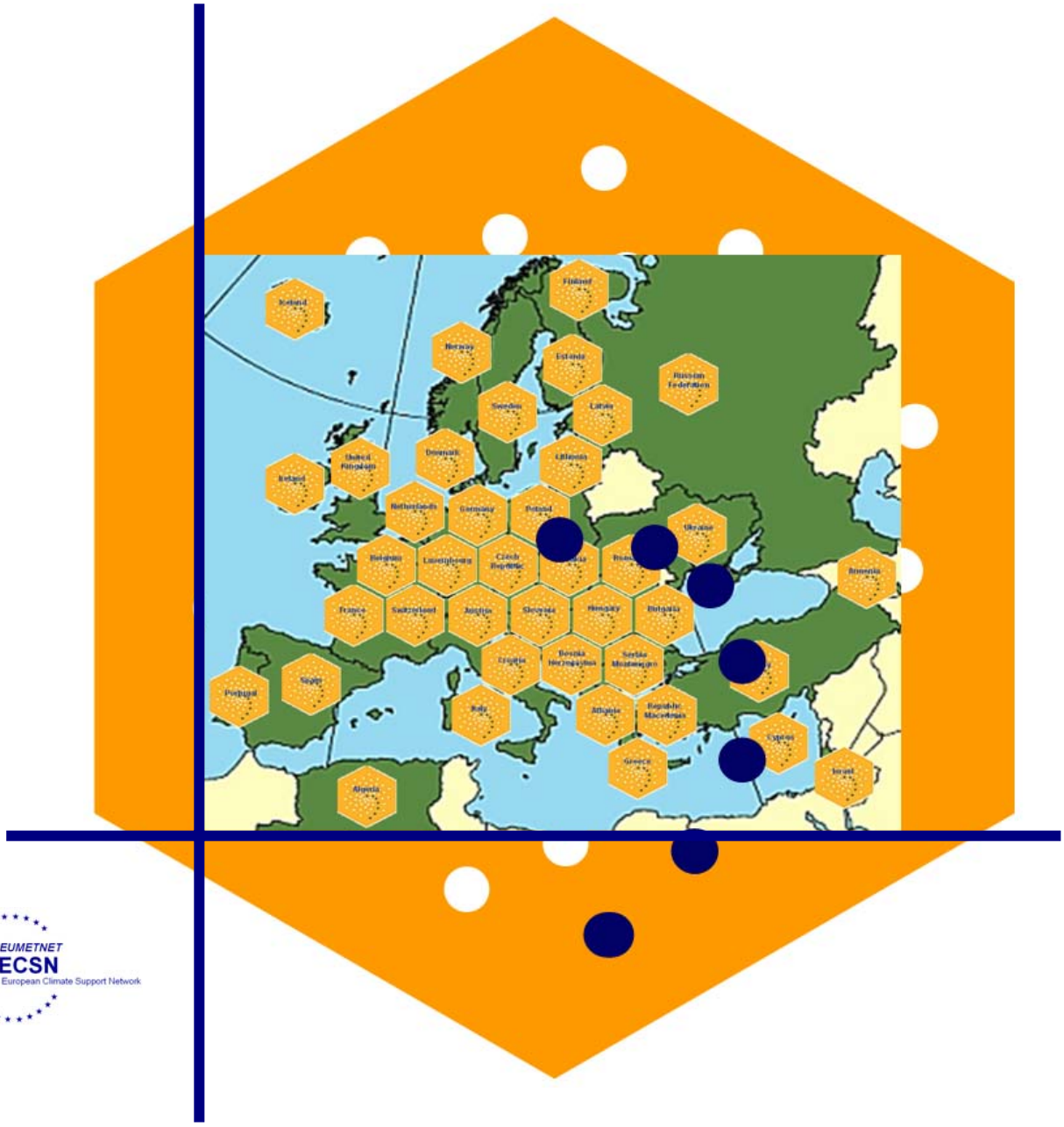

EUMETNET
ECSN
European Climate Support Network

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Preface

Nowadays, society is aware that anthropogenic climate change is no longer a global warming issue alone. Instead, it has important regional consequences. Regionalisation of climate change assessments is a key topic in a number of recent publications from the meteorological community, such as the series of WMO statements on the status of the global climate (WMO 2004, 2006, 2007, 2008) and the fourth assessment report of IPCC (IPCC 2007). In both publications the "region" Europe is well specified.

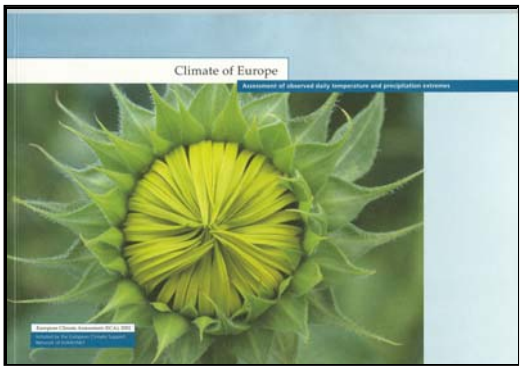

Fig. P 1:
The report *Climate of Europe, assessment of observed daily temperature and precipitation extremes* (Klein Tank, Wijngaard and Van Engelen) was launched in 2002 under the auspices of EUMETNET-ECSN.

A basic requirement for regional climate assessments is the availability of (and the access to) high resolution climate data obtained from the observational network. In Europe, this network is managed by a great number of predominantly National Meteorological and Hydrological Services (NMHS's). Although, each of these NMHS's has its own data policy, they are convinced that access to each others data and joint research in assessing the meaning of the data in terms of climate characteristics is essential to understand the national climate in the European context. This common understanding formed the basis for the EUMETNET-ECSN projects "European Climate Assessment" (ECA, starting 1998) and "European Climate Dataset" (ECD, starting 2000), which led to a first publication in 2002: *Climate of Europe, Assessment of observed daily temperature and precipitation extremes* (Klein Tank et al., 2002) and the concurrent release of the related daily data set on CD (fig. P1). The two projects were then merged into one project: ECA&D; the "European Climate Assessment and Data set"

This ECA&D project was proposed to the EUMETNET Council (2003) as an open and cooperative project. The goal was and still is to realize a sustainable operational system for data gathering, archiving, quality control, analysis and dissemination.
Data gathering refers to long-term daily resolution climatic time series from meteorological stations throughout Europe, provided by contributing parties from over 40 countries.
Archiving refers to transformation of the series to standardized formats and storage in a centralized relational database system at the Royal Netherlands Meteorological Institute (KNMI).
Quality control uses fixed procedures to check the data and attach quality and homogeneity flags.
Analysis refers to calculation of derived indices for climate extremes according to internationally agreed procedures.
Finally, dissemination refers to making available both the daily data (inclusive quality flags) and the indices results to users through the internet.

This report describes the present status of the project and what was done to reach this far.
In Chapter 1, the progress since 2002 is enlightened.
Chapter 2 details the daily dataset, which forms the basis of ECA&D.
A more technical description of the ECA&D system is provided in Chapter 3.
Chapter 4 shows some examples of studies that are based on ECA&D, carried out by various users.
Chapter 5 offers an outlook to the future of ECA&D.

ECA&D has now entered a mature phase. From now on, the project will continue as an operational rather than research activity. Recently the EUMETNET Council agreed that ECA&D will continue under the umbrella of ECSN for a period of 4 years. As described in Chapter 5 the project will become part of the Regional Climate Centre (RCC) functionality for WMO Regional Association VI (Europe).

In my personal view, the key success factor of ECA&D is the willingness of its partners to share with each other not only the high resolution observational data but also the expertise required for a correct interpretation. I heartedly agree with the members of the project team at KNMI, who wish to express their gratitude for all support and commitment from their partners they experienced in the past years.

Finally, I thank EUMETNET for the support to ECA&D, KNMI for taking it even further developing and hosting ECA&D, and last but not least the team members under the lead of Aryan van Engelen and Albert Klein Tank who for almost a decade have been dedicated to develop ECA&D from a set of ideas into the present operational project and platform for tomorrows WMO Regional Climate Centre on climate data in Europe (Region VI).

Claus Kern-Hansen,
Chair of the ECSN Advisory Committee
Danish Meteorological Institute (DMI)

1 Progress since 2002

Following the arguments put forward at the proposal stage of the ECA&D project, this section briefly describes the progress in the project over the last 5 years.

Fig. C1.1: In 2002 ECA&D co-operated with 36 participants.

Recognition

2002; encouraging responses were received from the WMO Commission for Climatology (CCL) and the WMO Regional Association VI (RAVI), as illustrated by the following quotes from the final report of the CCL 13th session (WO, 2001): '…the Commission welcomed the ECA daily dataset, as an important achievement of regional baseline datasets for climate research purposes.'; and the pinks of the RAVI 13th session (WMO, 2002): '…the Association noted that the ECA report, which was launched during the session, could serve as an example of how the NMHS's could inform policy makers about the climate of Europe, with emphasis on extreme climate events... '

2008; today ECA&D is recognised as a baseline dataset for the ongoing European Union projects ENSEMBLES and Millennium and for the EUMETNET-ECSN showcase project EUROGRID. Besides, ECA&D provides the ECSN-GCMP project and its successor EuClis with monitoring products. ECA&D is connected to UNIDART (see also Chapter 4). Many scientific studies use ECA&D as an important source of information. Finally, ECA&D will serve as a WMO-RAVI Regional Climate Centre (RCC) functionality (see also Chapter 5).

Participants

2002; the contribution of several RAVI member states, who had only just joined the group of 36 participants in ECA&D (fig. C1.1), could unfortunately not be included in the 2002 assessment report, leaving their territory blank. Moreover, bordering countries in North Africa and the Middle East expressed their interest to co-operate in this joint activity.

Country	Name	Affiliation	City
ALBANIA	Eglantina Bruci	Hydrometeorological Institute	Tirana
ALGERIA	Larbi Ouzaa	Office National de Meteorologie	Dar El Beida
ARMENIA	Hamlet Melkonyan	Agency for Hydrometeorology and Environmental Monitoring	Yerevan
AUSTRIA	Reinhard Boehm	Central Institute for Meteorology and Geodynamics	Vienna
BELGIUM	Gaston Demaree	Royal Meteorological Institute of Belgium	Uccle
BOSNIA AND HERZEGOVINA	Zeljko Majstorovic	Federal Hydrometeorological Institute of Bosnia and Herzegovina	Sarajevo
BULGARIA	Tania Marinova	National Institute of Meteorology and Hydrology	Sofia
CROATIA	Marina Mileta	Meteorological and Hydrological Service of Croatia	Zagreb
CYPRUS	Stelios Pashiardis	Meteorological Service of Cyprus	Nicosia
CZECH REPUBLIC	Libor Hejkrlik	Czech Hydrometeorological Institute	Prague
DENMARK	Claus Kern-Hansen	Danish Meteorological Institute	Copenhagen
ESTONIA	Tiina Tammets	Estonian Meteorological and Hydrological Institute	Tallinn
FINLAND	Raino Heino	Finnish Meteorological Institute	Helsinki
FRANCE	Pierre Bessemoulin	Météo-France	Toulouse
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GREECE	Magdalini Tzanakou	Hellenic National Meteorological Service	Athens
HUNGARY	Sandor Szalai	Hungarian Meteorological Service	Budapest
ICELAND	Toranna Palsdottir	Icelandic Meteorological Office	Reykjavik
IRELAND	Kieran Hickey	National University of Ireland, Galway	Galway
IRELAND	Tom Sheridan	Met Eireann	Dublin
ISRAEL	Avner Furshpan	Israel Meteorological Service	Bet Dagan
ITALY	MARS project	Joint Research Centre	Ispra
ITALY	Maurizio Maugeri	Universita degli Studi di Milano	Milano
ITALY	Tiziano Colombo	Servizio Meteorologico dell' Aeronautica	Rome
LATVIA	Lubova Pirozenoka	Latvian Environmental, Geological and Meteorological Agency	Riga
LITHUANIA	Arunas Bukantis	Lithuanian Hydrometeorological Service	Vilnius
LUXEMBOURG	Jacques Zimmer	Luxembourg Airport Authority	Luxembourg
LUXEMBOURG	Laurent Pfister	Centre de Recherche Public Gabriel Lippmann	Belvaux
NETHERLANDS	Aryan van Engelen	Royal Netherlands Meteorological Institute	De Bilt
NORWAY	Eirik Forland	Meteorologiske Institutt, Met.No	Oslo
POLAND	Joanna Wibig	University of Lodz	Lodz
POLAND	Miroslaw Mietus	Institute of Meteorology and Water Management	Warsaw
POLAND	Tadeusz Niedzwiedz	University of Silesia	Sosnowiec
PORTUGAL	Fatima Coelho	Instituto de Meteorologia	Lisbon
PORTUGAL	Nuno de Santos Loureiro	Universidade do Algarve	Faro
REPUBLIC OF MACEDONIA	Lidija Trajanoska	Republic Hydrometeorological Institute	Skopje
ROMANIA	Sorin Cheval	National Meteorological Administration	Bucharest
RUSSIAN FEDERATION	Vyacheslav Razuvaev	Russian Federal Service for Hydrometeorology and Environmental Monitoring	Obninsk
SERBIA AND MONTENEGRO	Predrag Petrovic	Republic Hydrometeorological Service of Serbia	Beograd
SLOVAKIA	Elena Nieplova	Slovak Hydrometeorological Institute	Bratislava
SLOVENIA	Tanja Cegnar	Environmental Agency	Ljubljana
SPAIN	Jose Antonio Lopez	Instituto Nacional de Meteorologia	Madrid
SWEDEN	Anders Moberg	Stockholm University	Stockholm
SWEDEN	Christer Persson	Swedish Meteorological and Hydrological Institute	Norrköping
SWITZERLAND	Christof Appenzeller	MeteoSwiss	Zurich
SWITZERLAND	GSN network	World Meteorological Organization	Geneva
SWITZERLAND	MAP project	MeteoSwiss	Zurich
TURKEY	Abdullah Ceylan	Turkish State Meteorological Service	Ankara
UKRAINE	Olga Pachaliuk	Ukrainian Hydrometeorological Center	Kyiv
UNITED KINGDOM	EMULATE project	Climatic Research Unit	Norwich
UNITED KINGDOM	John Caesar	Met Office	Exeter
UNITED KINGDOM	STARDEX project	Climatic Research Unit	Norwich
UNITED STATES	GHCND project	National Climatic Data Center	Asheville

Fig. C1.2: In 2008 the number of participants reached to 53.

2008; a much more comprehensive data set is collated with the help of 53 participants from 42 countries (fig. C1.2). Existing datasets from EMULATE, STARDEX, GHCND, GSN, and MAP (see Chapter 2) have also been included. The station network now covers Europe and adjacent countries in the Middle East and North Africa.

Extensions and updates

2002; it was recognised that the assembled daily dataset only keeps its value if regular updates are added and if the dataset is extended with data quality and homogeneity flags and metadata.

Fig. C1.3: In 2004 ECA&D covered some 175 observing stations.

2008; the dataset increased from 230 (fig. C1.3, Klein Tank, 2004) observed at some 175 stations to some 7000 quality controlled daily time series of, next to temperature and precipitation, variables as air pressure, snow depth, relative humidity, cloud cover and sunshine duration from a network of more than 2000 stations in Europe (fig. C1.4).
The average distance between the stations is approximately 75 km. The network is most dense in Western Europe and relatively sparse in Eastern Europe, the Balkan and North Africa, partly reflecting that the countries in these areas joined at a later stage. The relatively dense network in the former Soviet Union is mainly based on station series from the GHCND project.
The series are assessed on homogeneity and attributed with meta-information. Data-access is according to the data-policy of the provider. Some 40 derived indices for extremes are presented, based on the recommendations of international expert teams.

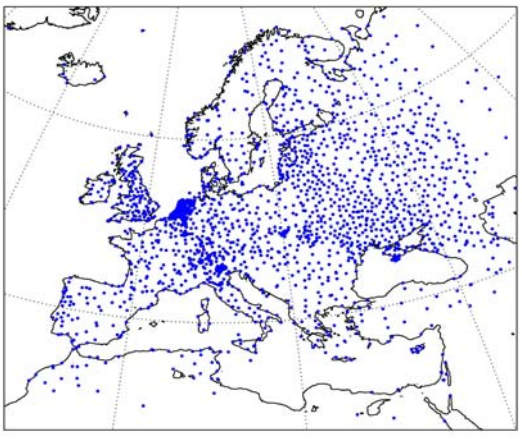


Fig. C1.4: Present station density of ECA&D.

Contributions to IPCC, WMO, GCOS, etc.

2002; an ongoing request from the scientific community exists to make high-quality datasets of high-resolution observational series available. Examples are the initiatives undertaken in the framework of FP6 of the EU to produce gridded datasets with daily resolution that can act as a baseline for climate change scenarios, model comparisons and seasonal forecasting.
IPCC's key priority for future work (directed at that time towards AR4) includes a much greater effort in the evaluation of (regional) variability and extreme events. This required datasets with better than traditional monthly resolution, to be available well before the year 2007.
2008; now, nine peer reviewed papers have been published in scientific journals, which are entirely based on ECA&D (Wijngaard et al, 2003, Klein Tank et al, 2003, 2005, 2006, Alexander et al, 2006, Moberg et al, 2006, Begert et al, 2008, Haylock et al, 2008 and Klok et al, 2009) and a large number of publications makes use of ECA&D data (see Chapter 4).
ECA&D formed the European input to global indices studies by Frich et al., 2002 (also in IPCC-TAR) and Alexander et al., 2006 (also in IPCC AR4).

Users of data: the European Environment Agency

2002; there are requests from the impact community to explore how policy makers can use the indices of extremes in Europe that are developed within ECA&D for impact assessment. Through the EUMETNET working group on Environment,

contacts have been established with the European Environment Agency (EEA).

2008; ECA&D contributed to the 2004 EEA report Impacts of Europe's changing climate (fig. C1.5). Recently, it contributed to the 2008 indicator report (fig. C1.6), which is a joint activity of EEA, JRC and WHO. These institutes rely on the extremes indices for their European state of the environment reports, which are issued at regular intervals and aim to support sustainable development. Contacts with responsible authors at EEA have learned that they would prefer using up-to-date information also for their annual assessments, in particular in the form of index anomaly maps for individual seasons and years.

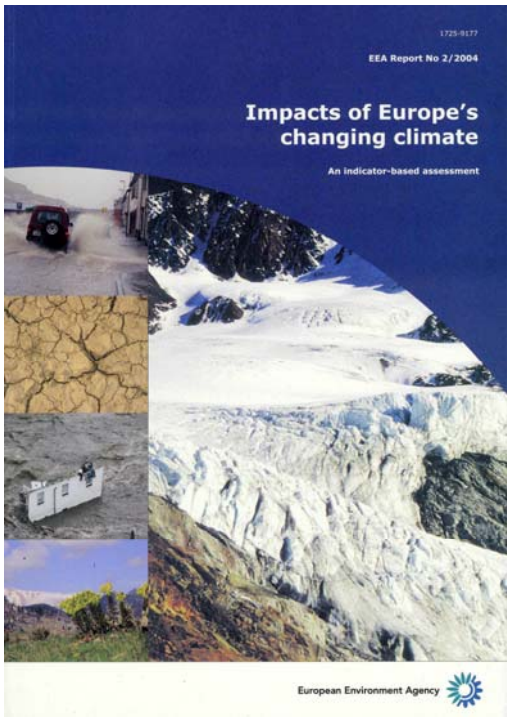


Fig. C1.5: EEA Report No 2/2004
The impacts of climate change on Europe's environment and society are shown in this report. Past trends in the climate, its current state and possible future changes are presented using 22 selected indicators. For almost all of these a clear trend exists and impacts are already being observed. The report highlights the need to develop strategies at European, national, regional and local level for adapting to climate change.

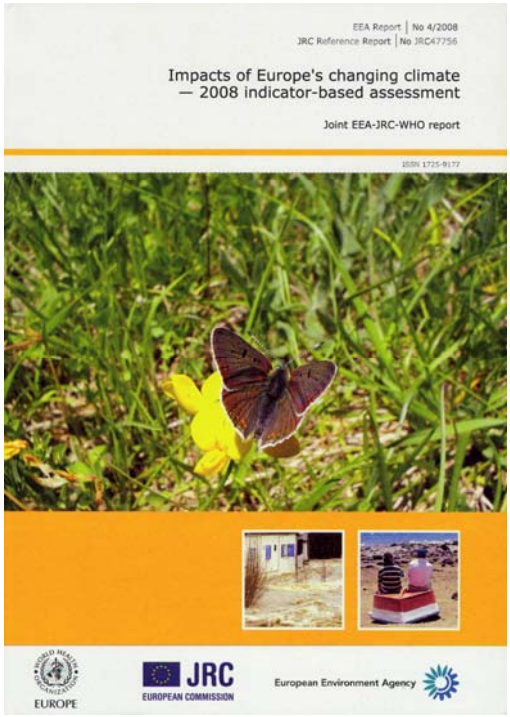


Fig. C1.6: EEA Report No 4/2008
The report presents past and projected climate change and impacts in Europe by means of about 40 indicators and identifies sectors and regions most vulnerable with a high need for adaptation. The report covers the following indicator categories: atmosphere and climate, cryosphere, marine biodiversity and ecosystems, water quantity (including river floods and droughts), freshwater quality and biodiversity, terrestrial ecosystems and biodiversity, soil, agriculture and forestry, human health. Furthermore the report shows the need for adaptation actions at EU, national and regional level and the need for enhanced monitoring, data collection and exchange and reducing uncertainties in projections.

ECA&D started as an ECSN initiative

2 ECA&D daily data set

Climate variables

At present the data set includes series of nine climate variables: daily minimum (TN), maximum (TX) and mean temperature (TG), precipitation amount (RR), sea level air pressure (PP), snow depth (SD), relative humidity (RH), cloud cover (CC) and sunshine duration (SS). Not all stations depicted in fig. C1.4 (page 4) contains series for all these variables (table C2.1). For the latter four variables the number of stations is much lower, because these variables have been added to the database only since 2005 and data collection is ongoing.

About 52% of the series is publicly available from the ECA&D website. The other 48% comes with restrictions: these series are for ECA&D indices calculations and gridding purposes only.

Blending and updating of data

The data provided by the participants is always received with some delay, because of the time needed for validation and verification. To update each series, while participant data has not yet arrived, SYNOP messages are used that are exchanged worldwide in near real time for weather forecasting purposes.

Table C2.1: **Number of blended station series in the database and percentage publicly available from the ECA&D website, status per August 2007**

Climate variable	Number of series	Percentage public (%)
Maximum temperature	**1368**	**48**
Minimum temperature	1371	48
Mean temperature	**1233**	**42**
Precipitation	2052	48
Air pressure	**321**	**53**
Snow depth	187	24
Relative humidity	**189**	**71**
Cloud cover	128	70
Sunshine duration	**184**	**75**
Total	7033	48

Data providers

The core of the ECA data set exists of daily time series provided by the participants. Additionally, series from various other projects have been included. Among these projects are EMULATE (European and North Atlantic daily to MULtidecadal climATE variability, Moberg and Jones, 2005; and Ansell, 2006), STARDEX (Statistical and Regional dynamical Downscaling of Extremes for European regions, Haylock and Gooddess, 2004), MAP (Mesoscale Alpine Programme, Bougeault et al. 2001), GCOS (Global Climate Observing System) and GSN (GCOS Surface Network). The GSN network is built from a selection of the best climate stations in each region of the world (Peterson et al., 1997), whereas the Global Historical Climatology Network – Daily (GHCND) was developed by the National Climatic Data Center (NCDC) as the largest global data set comprising daily data (NCDC, 2004). The Joint Research Centre in Ispra, Italy houses the MARS-STAT Database containing daily series for crop forecasting in Europe (Genovese, 2001). Series from these existing databases have been included too.

SYNOP data are also used to fill in the gaps. The source for these synoptical data is the ECMWF MARS-archive (ECMWF, 2006, see also http://www.ecmwf.int/services/archive/).

Observations from available nearby stations in the data set are also used for gap filling and updating, provided that these stations are within 25 km distance and 50 m height difference. The aim is to obtain as long as possible continuous and complete series for each location. This process is called blending (cf. fig. C2.1). As part of blending, the data that are flagged as suspicious during the quality control procedure are blended with useful data from nearby stations or SYNOP data.

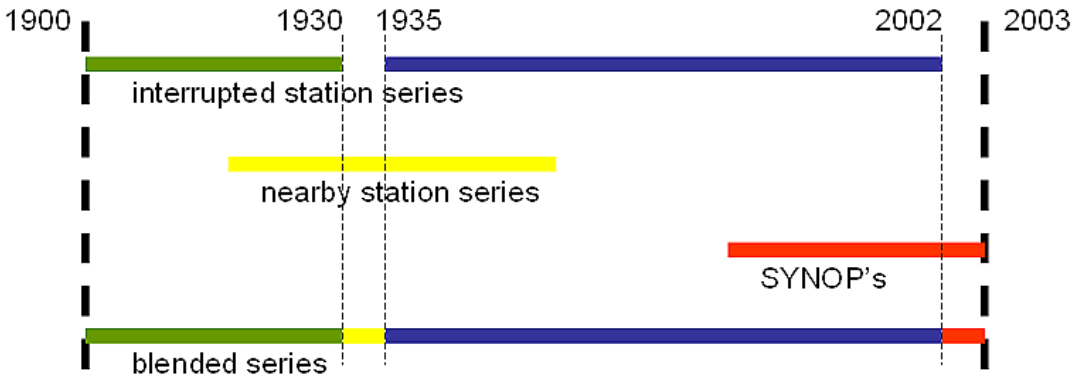


Fig.C2.1: As an example of blending serves a station series from 1900 until 2003 that has missing data between 1930 and 1935 and also after 2002. Since other stations are nearby we first consider the data from these stations to "infill" the gaps. Then synop series are used to update the series if no data from nearby ECA stations are available, data from nearby synoptical stations are considered to "infill" the gaps.

Priority is given to series of nearby stations in the data set since SYNOP data are normally not thoroughly verified before transmittance. Synop data quality is therefore less than the climatological series gained from meteorological services which usually undergo a more rigorous check before distribution. Once the 'official' climatological series are available from the data providers in participating countries, the temporary filled-in data are replaced.

From the ECA&D website, original as well as blended series are available for download. For the analysis of extreme indices in ECA&D, the blended series are used.

Spatial and temporal distribution of the series

Fig. C2.2 shows the total number and the number of public blended series available for each variable and each year. A specific year is included if at least 80% of the year (=292 days) contains valid data.

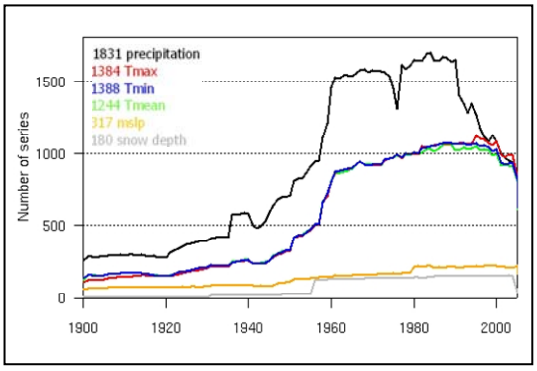


Fig. C2.2: Series available per variable.

The plots show that the number of precipitation series in the database is by far the greatest. For all variables, the best data coverage is achieved between 1960 and 2000.

Even after blending the data from the most recent years are often missing. This implies that also no SYNOP data are available for these stations. The strong decline in the precipitation series over the last 15 years is mainly caused by precipitation series from the former Soviet Union, which cease in the early nineties.

Quality control

All daily data are automatically quality checked and flagged accordingly. However, no corrections or adjustments are made. There are three types of data flags assigned to each data value: (0) useful, (1) suspicious, i.e. the data does not pass the test and (9) missing. All quality control tests are absolute, implying that the data are not compared with respect to neighbouring station series. Most tests refer to values outside a particular range (negative precipitation, temperatures outside five standard deviations from the climatological mean). In addition to this automatic quality control procedure, data are flagged manually in particular to validate outliers. For instance, precipitation extremes flagged "suspect" can be overruled if supplementary evidence exists (e.g. from radar images) that the particular extreme is "valid". Quality control (QC) procedures flag each individual observation in a series.

Currently, the data set contains about 84% useful data values, 1% suspicious data and 15% missing data.

Metadata

Metadata information is important since the WMO guidelines for observations have changed over time and not all station observations always conform closely to the recommendations of instrumentation, exposure and siting (cf table C2.2 and fig. C2.3).

Table C2.2: **Example of the required metadata for location De Bilt, Netherlands**

Latitude	**52:06:00 N**
Longitude	05:11:00 E
Stn elevation	**2.0 m asl**
WMO identifier	06260
GCOS station	**Yes**
ECA location ID	260
Land use	**Partly open landscape. Broad transition zone between the low sandy hills of the "Utrechtse heuvelrug" and the basin of the river "Kromme Rijn". Meadows and arable land alternate with built-up areas and woodlands**
Soil type	Sand
Surface coverage	**Grass**
Terrain roughness class	To N: 7, to E: 5, to S: 6-7, to W: 7-8 (according to Davenport, 1960, Wieringa, J. and Rudel, E., 2002)

Some of these metadata are used in the blending process. To enable the correct interpretation of station observations, metadata according to table 2 are registered in ECA&D. We have started to collate the metadata for each series accordingly, but this work is yet far from complete. At the moment, metadata has been included at the website for 10% of the stations only.

Fig. C2.3: Observational location De Bilt.

Homogeneity

Long climatological time series often contain shifts in the mean or the variance due to non-climatic factors, such as site-relocations, changes in instrumentation or observing practices. As these inhomogeneities can distort the true climatic signal, homogeneity testing is important for climate change studies.

Box C1.1 ***Homogeneity tests***

The four tests are:
1. The standard normal homogeneity test (*SNH*, Alexandersson, 1986),
2. The Buishand range test (*BHR*, Buishand, 1982),
3. The Pettitt test (*PET*, Pettit, 1979),
4. The Von Neumann ratio test *VON*, Von Neumann, 1941).

All four tests suppose under the null hypothesis that in the series of a testing variable, the values are independent with the same distribution. Under the alternative hypothesis the *SNH*, *BHR* and *PET* test assume that a stepwise shift in the mean (a break) is present. These three tests are capable to locate the year where a break is likely. The fourth test (*VON*) assumes under the alternative hypothesis that the series is not randomly distributed. This test does not give information on the year of the break.

The homogeneity procedure of Wijngaard et al. (2003), which has been developed as part of ECA&D, is used to test the homogeneity of the blended precipitation and temperature series.

This absolute homogeneity procedure is applied to annual testing variables of daily temperature and precipitation (series of the other variables are not yet tested).

A two-step approach is followed:

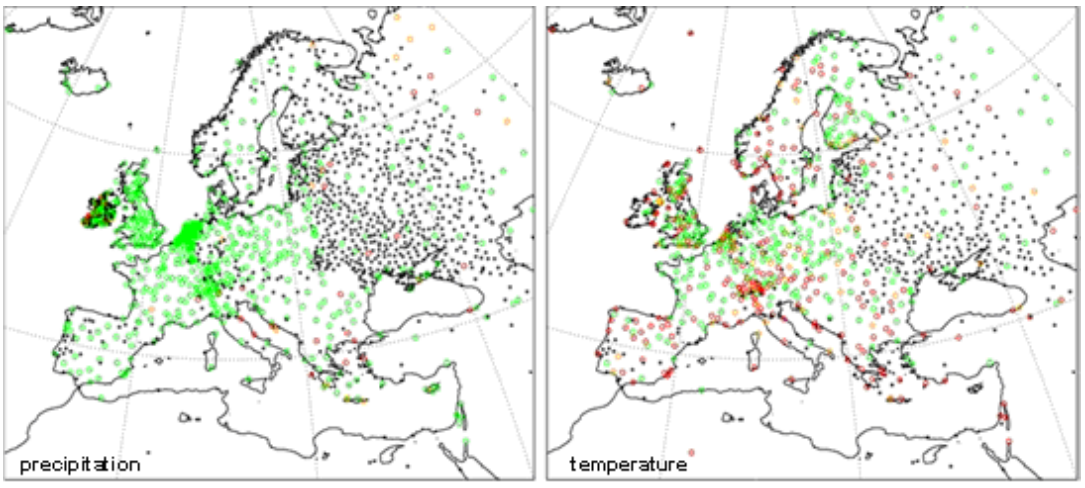
First, four homogeneity tests are applied (see box C1.1) to evaluate the daily series using the testing variables:
(1) the annual mean of the diurnal temperature range DTR (= maximum temperature – minimum temperature),
(2) the annual mean of the absolute day-to-day differences of the diurnal temperature range vDTR and
(3) the annual wet day count RR1 (threshold 1 mm).

Second, the series are grouped into three classes: useful, doubtful, and suspect, depending on the number of tests rejecting the null hypothesis (see table C2.3).
For temperature, where two variables are tested, the two categories are calculated separately for each variable. If the results are different, the highest of the two category values (hence the least favourable) is assigned to the temperature series of the station. If not enough data is available in the period considered to calculate all 4 individual tests, the flag is "missing".

Table C2.3: **Results condensed into a single flag for each homogeneity test series according to the number of tests that reject the null hypothesis of no break in the series**

Class 1	**useful**	**1 or 0 tests reject the null hypothesis at the 1% level**
Class 2	doubtful	2 tests reject the null hypothesis at the 1% level
Class 3	**suspect**	**3 or 4 tests reject the null hypothesis at the 1% level**

Only series classified as useful or doubtful are used for the analyses of extremes indices.
Over the period 1961-2004, 38% of the precipitation series is classified as such. For temperature, this number is 29% (cf. fig. C2.4). The apparent positive results for precipitation with regard to homogeneity results for temperature are partly due to the high standard deviation in precipitation series, hampering the detection of inhomogeneities.



Homogeneity class: o usefull, o doubtfull, o suspect, o unknown, following Wijngaard et al. (2003)

Fig C2.4: Homogeneity classes precipitation and temperature series.

Climate Change Indices

Table C2.4 lists the set of 40 climate change indices that is derived from the daily series. The indices represent changes in the mean and extremes of the climate, commonly defined in terms of counts of days crossing a seasonal or annual threshold. Thresholds can be fixed (e.g. frost day counts) or variable for each location (e.g. number of days with precipitation above the 95th percentile). The latter are site-specific and therefore represent anomalies relative to the local climate. They are useful for comparisons between stations at different locations and in different climates, whereas fixed thresholds indices are useful for climate impact studies, especially when the threshold values have a particular biological, hydrological or physical significance.

Indices are calculated for blended series only. Indices are calculated for all available years in a series.

For an index to be calculated for a particular year, at least 362 days with valid daily data must exist, 181 days for a half year period and 86 days for a season.

Trends in the annual and seasonal indices are calculated for the same periods that homogeneity tests have been applied by applying least squares regression.

The significance of the trends is tested using a Student's t test. For a trend to be calculated, at least 80% of the considered period must contain valid data.

As an example of the use of climate change indices serves the paragraph on *Climate change detection and monitoring* in the WMO "Statement on the status of the Global Climate in 2003" (WMO-No. 966, see fig. C2.5)

Climate change detection and monitoring

Extreme events, such as this year's heat waves in Europe, trigger the question whether their occurrence is related to global warming. But warm (or cold) summers are, and always have been, part of natural climate variability. Single extreme events can therefore not be simply and directly attributed to anthropogenic climate change.

Climate extremes, such as flood-producing rains, droughts, and severe heat and cold, have major impacts on our living conditions and activities. The need to anticipate changes in the occurrence of such extremes and the concern about anthropogenic climate change has led to increased attention on this issue. To provide more insights into changes in climate extremes, a comprehensive list of indices derived from daily surface data was developed by the Expert Team on Climate Change Detection, Monitoring and Indices of WMO's Commission for Climatology and of the Programme on Climate Variability and Predictability (CLIVAR), assisted by the Asia Pacific Network. Subsequent analyses of these indices were undertaken for Africa, Asia, Australia, the Caribbean, Europe, North America, Russia and the South Pacific. Among the key questions addressed in the analysis were: how did the past warming affect the occurrence of temperature extremes? and was the past warming accompanied by trends in precipitation extremes? These questions require an accurate, dense and consistent data set of station observations with at least a daily resolution. The observational series should date back as far as possible in order to capture the multi-decadal scale variations that are important for climate change detection. Near-real-time monitoring of climate extremes with tools such as these indices, is part of WMO's World Climate Data and Monitoring Programme, which also includes implementation of methods to rescue, preserve and manage climate data, as well as preparation and distribution of global and regional data sets, including metadata. An example of monitoring climate extremes is provided in Figure 4, which shows that the European heat wave was most pronounced over parts of France, Germany, Switzerland, Austria and Italy. In these areas, the number of hot summer days was far above the long-term average (1961-1990), whereas fewer than normal hot summer days were observed in eastern and northern Europe.

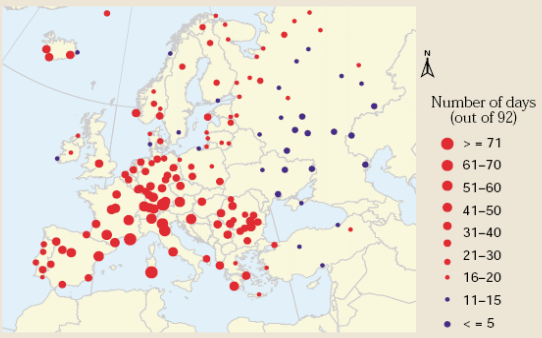


Figure 4 — Index for 2003 summer heat in Europe. For every location, the dot represents the number of days in the 2003 summer with maximum temperature in the top 10 per cent for the local climate. The size of the dots is proportional to the number of days: blue indicates fewer days than the climatological value of nine days; red indicates more than nine days. The precise definition of the index is: the number of days with maximum temperature above a site- and calendar-day specific threshold value, calculated as the 90th percentile of each calendar-day distribution in the 1961-1990 base period (Source: European Climate Assessment and Data Set Project, KNMI, The Netherlands)

Fig. C2.5: Climate change detection and monitoring, box included in the WMO statement on the status of the global climate in 2003

Figures C2.6 and C2.7 demonstrate how the climate anomalies in Europe as presented in the WMO statements on the status of the global climate in 2005 and 2007 (WMO, 2006, 2008) are reflected in mapped indices of ECA&D.

Fig. C2.8 shows how the message of an ECSN press release (Oldenborgh et al, 2006), based on analyses of ECA&D data, was expressed in the WMO statement of 2006 (WMO, 2007).

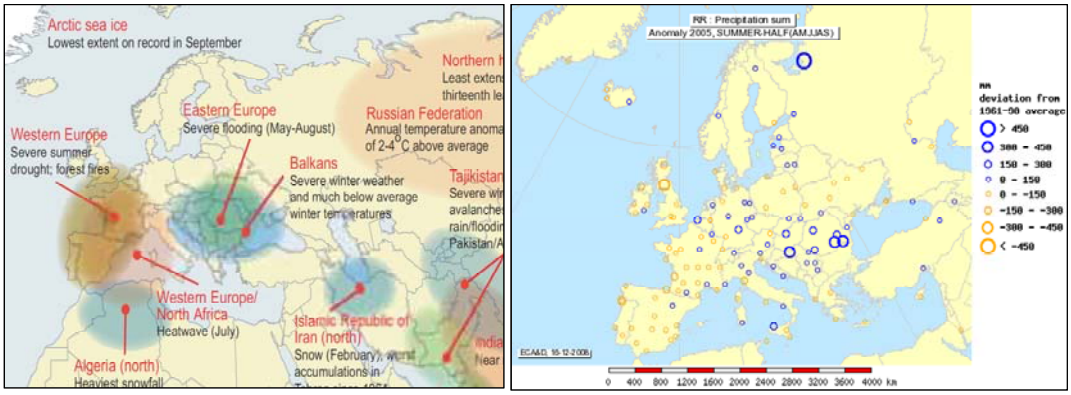


Fig. C2.6: *Left:* WMO Statement on the status of the Global Climate in **2005**: Persistent heavy rains during the period May-August led to destructive flooding in Eastern Europe, particularly in Romania, Bulgaria, Hungary and the Former Yugoslav Republic of Macedonia. Multi-month drought conditions affected much of Western Europe during July, August and September. *Right*: ECA&D precipitation sum: anomaly 2005, summer half year.

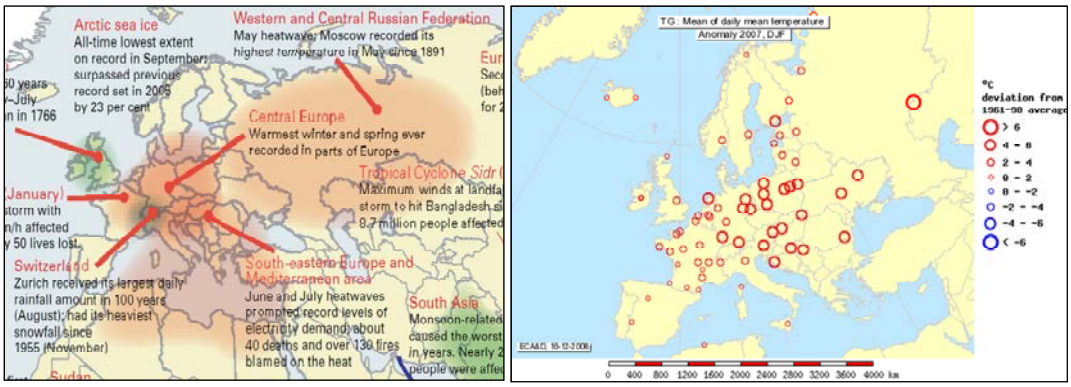


Fig. C2.7: Left: WMO Statement on the status of the Global Climate in **2007**: The year 2007 started with record-breaking temperature anomalies throughout the world. In parts of Europe, winter and spring ranked among the warmest ever recorded with anomalies of more than 4°C above the long-term monthly averages for January and April. *Right*: ECA&D mean of daily mean temperature: anomaly 2007, Winter.

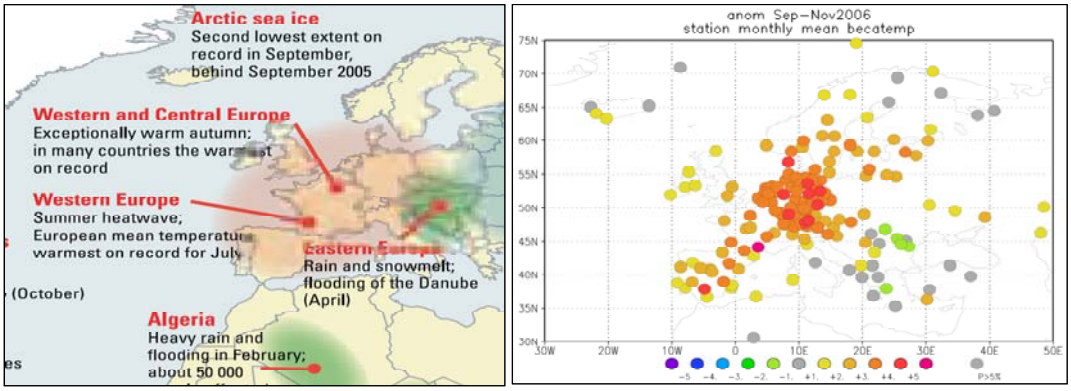


Fig. C2.8: *Left:* WMO Statement on the status of the Global Climate in **2006**: Autumn 2006 (Sep-Nov) was exceptional in large parts of Europe at more than 3 °C warmer than the climatological normal from the north side of the Alps to southern Norway. In many countries it was the warmest autumn since official measurements began: records in Central England go back to 1659 – and as far back as 1706 in the Netherlands and 1768 in Denmark. *Right*: Temperature anomaly in Sep-Nov 2006, source ECA&D. Illustration in ECSN Press release (Oldenborgh et al, 2006): *Autumn 2006 extraordinarily mild in large part of Europe*.

Table C2.4: **List of 40 indices used in ECA&D (see http:// eca.knmi.nl/indicesextremes for details)**

Abbreviation	*Climate Index*	*Description*
TG	**Mean of daily mean temperature (°C)**	
TN	Mean of daily minimum temperature (°C)	
TX	**Mean of daily maximum temperature (°C)**	
DTR	Mean of diurnal temperature range (°C)	
ETR	**Intra-period extreme temperature range (°C)**	**Difference: max(TX)-min(TN)**
GD4	Growing degree days (°C)	Sum of TG > 4°C
GSL	**Growing season length (days)**	**Count of days between first span of at least 6 days TG > 5°C and first span in second half of the year of 6 days TG < 5°C**
vDTR	Mean absolute day-to-day difference in DTR (°C)	
CFD	**Consecutive frost days (days)**	**Maximum number of consecutive days TN < 0° C**
FD	Frost days	Number of days TN < 0°C
HD17	**Heating degree days (°C) (days)**	**Sum of 17°C - TG**
ID	Ice days	Number of days TX < 0°C
CSDI	**Cold spell days (days)**	**Number of days in intervals of at least 6 days with TN < 10percentile calculated for each calendar day (on basis of 1961-90) using running 5 day window**
CSFI	Cold spell days (days)	Number of days in intervals of at least 6 days with TG < 10percentile calculated for each calendar day (on basis of 1961-90) using running 5 day window
TG10p	**Cold days (days)**	**Number of days TG < 10percentile calculated for each calendar day (on basis of 1961-90) using running 5 day window**
TN10p	Cold nights(days)	Percentage or number of days TN < 10percentile calculated for each calendar day (on basis of 1961-90) using running 5 day window
TX10p	**Cold day-times (days)**	**Percentage or number of days TX < 10percentile calculated for each calendar day (on basis of 1961-90) using running 5 day window**
SU	Summer days (days)	Number of days TX > 25°C
TR	**Tropical nights (days)**	**Number of days TN > 20°C**
WSDI	Warm spell days (days)	Number of days in intervals of at least 6 days with TX > 10percentile calculated for each calendar day (on basis of 1961-90) using running 5 day window

Table C2.4: **list of 40 indices used in ECA& (see http:// eca.knmi.nl/indicesextremes for details)**

Abbreviation	*Climate Index*	*Description*
WSFI	**Warm-spell days (days)**	**Number of days in intervals of at least 6 days with TX > 10percentile calculated for each calendar day (on basis of 1961-90) using running 5 day window**
TG90p	Warm days (days)	Percentage or number of days TG > 90percentile calculated for each calendar day (on basis of 1961-90) using running 5 day window
TN90p	**Warm nights (days)**	**Percentage or number of days TN > 90percentile calculated for each calendar day (on basis of 1961-90) using running 5 day window**
TX90p	Warm day-times (days)	Percentage or number of days TX > 90percentile calculated for each calendar day (on basis of 1961-90) using running 5 day window
RR	**Precipitation sum (mm)**	
RR1	Wet days (days)	Number of days RR ≥ 1 mm
SDII	**Simple daily intensity index (mm/wet day)**	**Quotient of amount on days RR ≥ 1mm and number of days RR ≥ 1mm**
CDD	Consecutive dry days (days)	Maximum number of consecutive dry days (RR < 1mm)
CWD	**Consecutive wet days (days)**	**Maximum number of consecutive wet days (RR ≥ 1mm)**
R10mm	Heavy precipitation days (days)	Number of days RR ≥ 10mm
R20mm	**Very heavy precipitation days (days)**	**Number of days RR ≥ 20mm**
RX1day	Highest 1-day precipitation amount (mm)	Maximum RR sum for 1 day interval
RX5day	**Highest 5-day precipita-tion amount (mm)**	**Maximum RR sum for 5 day interval**
R75p	Moderate wet days (days)	Number of days RR > 75percentile calculated for wet days (on basis of 1961-90)
R75pTOT	**Precipitation fraction due to moderate wet days (%)**	**Quotient of amount on R75percentile days and total amount**
R95p	Very wet days (days)	Number of days RR > 90percentile calculated for wet days (on basis of 1961-90)
R95pTOT	**Precipitation fraction due to very wet days (%)**	**Quotient of amount on R90percentile days and total amount**
R99p	Extremely wet days (days)	Number of days RR > 99percentile calculated for wet days (on basis of 1961-90)
R99pTOT	**Precipitation fraction due to extremely wet days (%)**	**Quotient of amount on R99percentile days and total amount**
PP	Mean of daily surface air pressure (hPa)	

3 ECA&D system and infrastructure

Towards full operational status

Recently, efforts have been directed towards an improved operational ECA&D system as the first implementation of a possible Regional Climate Centre (RCC) functionality for high resolution observational data and extremes indices in WMO Region VI. This demands a transfer from a project-based approach towards an operational system (cf. fig. C3.1). This implies redesigning the system to become more sustainable and transparent and embedding the system into KNMI's information infrastructure to ensure ongoing support and to guarantee well-performing 7/24 up-and-running services (Klein Tank, 2008). This section describes the main features of this redesigned system.

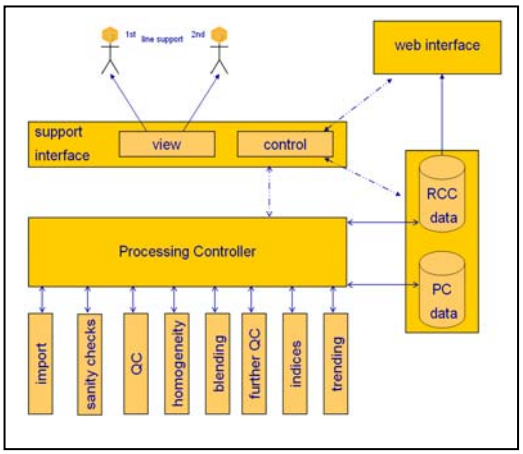


Fig. C3.1: Flow chart functional blocks ECA&D in RCC operations.

Design criteria

The continuation of individual contacts with each participant is crucial for success. This implies that dedicated solutions have been developed for each data provider.
The data come with different data formats and use permissions. ECA&D is allowed to redistribute some series to the general public, whereas others are only for index calculation and gridding.
The ECA&D website, as a dissemination tool for data and indices results, is designed to be easily accessible and flexible for many users. For instance, researchers and operational climatologists have very different requirements. Different interfaces have been implemented for bulk download and customized queries. User access monitoring facilities are used to count the number of hits and to determine user preferences.
This information is used primarily for further improvements to the system.
The technical solutions benefit from the general backup- and maintenance procedures KNMI is employing.

Infrastructure and software

Two dedicated ECA&D systems are in use. The test and development system is accessible only from within KNMI and is used to develop and test new applications or new functionalities for the ECA&D website. The operational system (http://eca.knmi.nl) can be accessed from outside KNMI. This system makes use of a MySQL server on which the database is stored. The data dissemination in ECA&D is through a combination of PHP and MySQL. The functionality of drawing maps via the ECA&D website relies on PHP/MapScript modules. Much of the software used for quality control, blending of data, calculation of indices etc. is programmes written with the open source package R. Some parts of the calculations use Fortran routines or rely on Perl or Java scripts.

To reach a fully operational status with ECA&D, the software side of ECA&D has seen a major overhaul which is still ongoing. In this process, an effort is made to reduce the diversity of scripting and programming languages and conform to a KNMI-wide standard. This would reduce the maintenance costs.

Data flow

Participant data comes in various file formats. Importing this data into the database tables is done by running relevant scripts for the conversions. The conversions differ for each data source. Dependent on the permissions granted by the data providers, data series can either be: public, or for indices plus gridding only. Public data are published on the web in addition to the indices results.

Website

The look and feel of the website is modelled after the former website so that visitors recognize the present site as a logical evolution of the old one (cf fig. C3.2).

Box C3.1 *Main categories website*

1. Home: homepage that introduces the project and provides news items
2. FAQ
3. Daily data: download of bulk and customized datasets based on interactive queries of the ECAD database; the results of these queries range from PDF-documents of station metadata to zipped downloadable datasets
4. Indices of extremes: visualization of indices results through diagrams and maps using similar interactive selections as for daily data
5. Publications
6. Links: links to relevant external websites and related projects

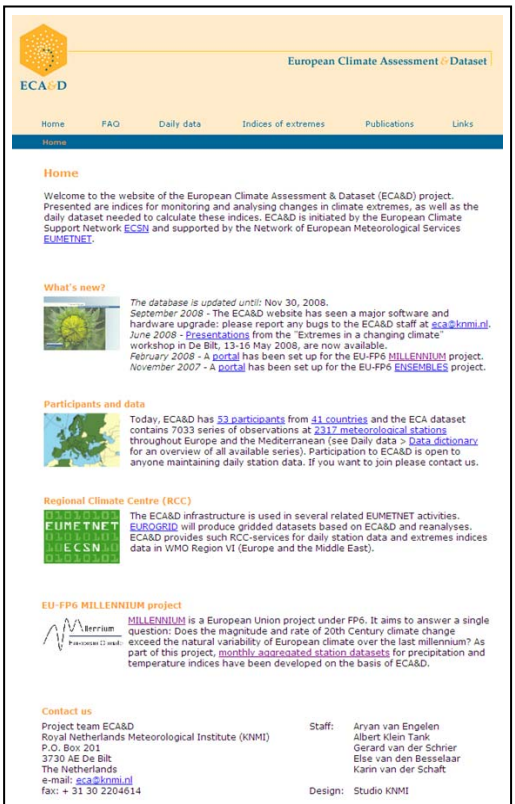


Fig. C3.2: Homepage ECA&D website.

The interactive web interface uses (pull down) menus that together build a query, including time period selection, station country selection and element/index selection (see also Box C3.1). Based on this query, selections of daily data can be retrieved or indices plots or maps can be shown. The content of each pull down menu is linked to the choice made in another pull down menu. For instance if country selection is "Slovenia" (see fig. C3.3) only stations for that country are shown in the menu item location. There are no restrictions to the order of the selections. Because the website information is directly retrieved from the ECA&D database it is always up-to-date.

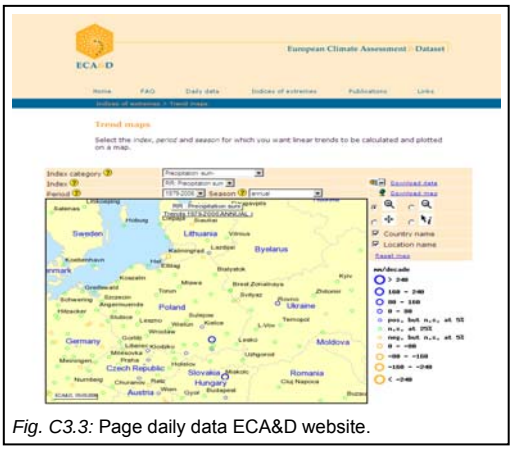


Fig. C3.3: Page daily data ECA&D website.

Most web pages are dynamically generated using scripts and queries that are embedded in PHP pages. In addition, a map server is active to display maps (fig. C3.4). All functionality and interactivity is made possible without utilities such as Java and Flash. A minimal configured PC with a standard browser and internet-connectivity is considered as the main user target system.

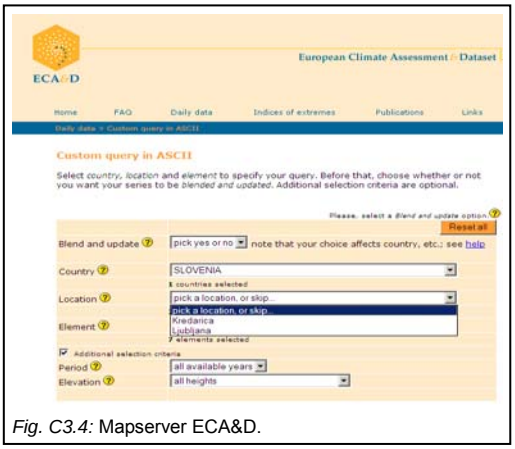


Fig. C3.4: Mapserver ECA&D.

4 Users of ECA&D

Co-operation with related European projects

Because of its daily resolution, the ECA dataset enables a variety of climate studies, including detailed analyses of changes in the occurrence of extremes. Web statistics, personal contacts and references in numerous publications, advice reports and applications show that ECA&D serves many users.

The ECA&D infrastructure is used in several related projects:

UNIDART (EUMETNET Programme) has the intention to build a uniform user interface to the ECA&D database and other meteorological databases (http://www.deutscher-wetterdienst.de/UNIDART/). The interface is based on standardized web services. Information systems, e.g. WebWerdis (http://werdis.dwd.de/werdis_en/WebWerdis_start.do), use these web services in order to realise access to remote data sources.

ENSEMBLES (EU-FP6 project) has developed a gridded dataset of daily temperature and precipitation for model evaluation (http://eca.knmi.nl/download/ensembles/ensembles.php);

MILLENNIUM (EU-FP6 project) uses a subset of long-term climate series for paleo studies (http://eca.knmi.nl/download/millennium/millennium.php);

S-EUROGRID (EUMETNET project) shows the benefits of products based on high resolution gridded data sets: (http://www.e-grid.eu/public/);

GCMP/ECSM/EuClis (EUMETNET project) in which a web portal is developed, giving access to a variety of national and regional climate information products: (http://www.dwd.de/ecsm);

HOMOGENISATION (COST HOME ES-0601) aims at research to new standards in homogenization; especially for daily time series;

SCCONE (INTAS), monitoring the snow cover in the Scandinavian Peninsula.

A brief description for these projects is provided below:

UNIDART (Jürgen Seib, DWD, Germany)

UNIDART aims at providing uniform web services to access meteorological data from distributed data sources. The amount of data which is stored in databases and archives at meteorological centres increased rapidly over the last decade. The growth of meteorological data and products will continue in the future. It is not realistic to store all data at one centre. It is also not realistic to move petabytes of data from one centre to another. The data will normally stay where it is produced or collected. Today, we have a lot of independently owned and managed meteorological data sources. Each data source has its own storage structure, access policies, authentication and authorisation procedures. A user should not be confronted with administrative and technical barriers if he wants to request data from these sources. The challenge is the uniform access to all data without knowing about the location where the data is stored. It should be also transparent to the user how the data is stored. The Uniform Data Request Interface Programme, UNIDART, accepted the challenge. The project is aimed at the goal to overcome data access and exchange problems in a distributed environment where data resides independently at different sites.

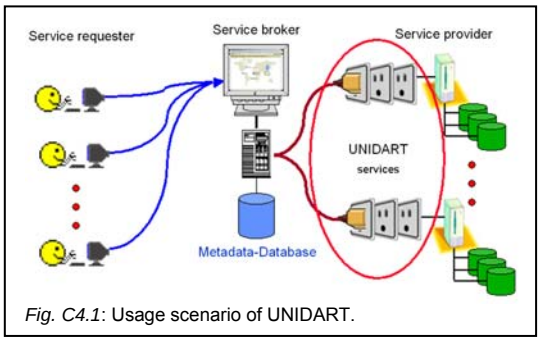


Fig. C4.1: Usage scenario of UNIDART.

UNIDART supports the data access model which is illustrated in figure C4.1.

This model distinguishes between the roles of a service requester, a service broker and a service provider. The service requester is the user who wants to discover and to select meteorological data and products.
The first version of the UNIDART software consisted of access services for climate time series and forecast data sets.
The second version, which has been developed in 2007, contains a service for the access to gridded climate data sets. This service allows the access to remotely stored sets of raster files and files including climate maps. The Web application WebWerdis (Weather Request and Distribution System of DWD) provides a new interface that gives users the possibility to select and download these files. The Internet address of WebWerdis is http://werdis.dwd.de/werdis_en/WebWerdis_start.do
The latest release implements a secure version of the UNIDART web services. The security is based on certificates. A user has to authenticate against the secure web services with a client credential before he can submit a request to the service (Seib and van der Wel, 2004).

ENSEMBLES (Albert Klein Tank, KNMI, Netherlands, Michael Begert, MeteoSwiss, Switzerland)
In this EU-FP6 project, MeteoSwiss and KNMI collaborated with the University of East Anglia and the University of Oxford since 2004 with as objective the production of daily gridded datasets (1960-2000) for surface climate variables (max/min/mean temperature, precipitation, surface air pressure and snow cover) covering Europe for the greater part with a resolution (~50 km) high enough to capture extreme weather events and with attached information on data uncertainty (see also box C4.1). The work has been completed in 2007 and the gridded data set has been made publicly available through the ECA&D website. Fig. C4.2 shows a trend map, based on observational ECA&D series and the same map based on the ENSEMBLES gridded ECA&D series (Haylock et al, 2008).

Box C4.1 ***Aims ENSEMBLES***

ENSEMBLES aims to:

- Develop an ensemble prediction system for climate change based on the principal state-of-the-art, high resolution, global and regional Earth System models developed in Europe, validated against quality controlled, high resolution gridded datasets for Europe, to produce for the first time, an objective probabilistic estimate of uncertainty in future climate at the seasonal to decadal and longer timescales
- Quantify and reduce the uncertainty in the representation of physical, chemical, biological and human-related feedbacks in the Earth System (including water resource, land use, and air quality issues, and carbon cycle feedbacks)
- Maximise the exploitation of the results by linking the outputs of the ensemble prediction system to a range of applications, including agriculture, health, food security, energy, water resources, insurance and weather risk management

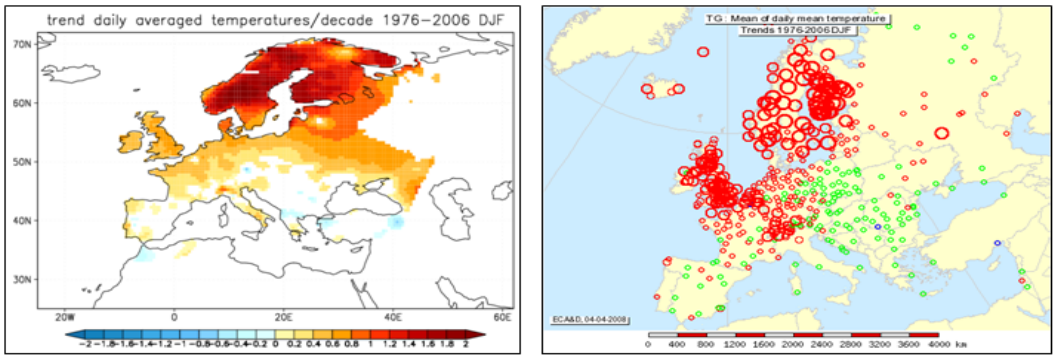


Fig. C4.2: Winter (DJF) temperatures in Europe between 1976 and 2006 are rising. Trend map based on ENSEMBLES gridded data set (*left*) and on ECA&D observational data set *(right*).

MILLENNIUM (Aryan van Engelen, KNMI, Netherlands)

This EU-FP6 project started in 2006 as a response to the societal discussion on the graph of the temperatures in the Northern Hemisphere, reconstructed by Mann et al (1999) and presented in IPCC TAR - the so-called Hockey stick. Discussions arose whether present day warming ("Recent Global Warming Phase") is comparable with the "natural" high temperatures in the Middle Ages ("Medieval Climate Anomaly").

The aim of MILLENNIUM is to determine with quantifiable precision whether the magnitude and rate of the 20th Century climate change exceeds the natural variability of European climate over the last millennium. ECA&D forms the baseline platform for the MILLENNIUM instrumental data. Especially for the MILLENNIUM community (www.millenniumproject.net) datasets of monthly aggregated data of all ECA&D indices and all stations have been constructed, accessible via web pages with a dedicated design (fig. C4.3, Van Engelen, 2008).

Fig. C4.3: ECA&D webpage's, dedicated to MILLENNIUM usage.

Showcase EUROGRID (Christer Persson, SMHI, Sweden)

The main ambition of S-EUROGRID is to illustrate what the full-scale EUROGRID concept means, which is intended to be a future European central resource for gridded climate, meteorological, hydrological and environmental products and data, in line with overarching European and Global initiatives such as Inspire and GEOSS. The project focussed on demonstrating how existing shared gridded datasets from European NMHS's can be used for high standard products and services. Nine gridded datasets have been incorporated: amongst them two European transnational; ERAMESAN (SMHI) and ENSEMBLES. A web designed S-EUROGRID demo System has been realised (www.e-grid.eu) (fig. C4.4, Klein and Persson, 2008)

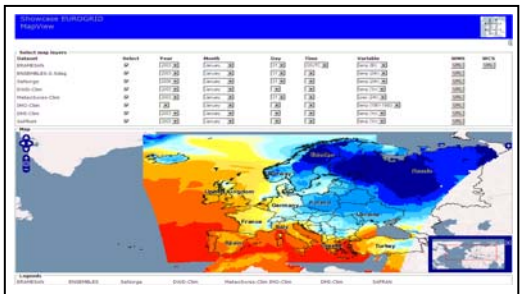


Fig.C4.4: S-EUROGRID demo Mapview all data sets.

GCMP/ECSM/EuCLIS (Peer Hechler & Peter Bissolli, DWD, Germany)

The European Climate Information System (EuCLIS) is the successor of the Generate Climate Monitoring Products (GCMP), an ECSN project which has been completed in 2004. GCMP is a Web Platform allowing access to national and European climate monitoring products as thematic maps, descriptive texts, significant weathers events and the RAVI Bulletin, provided by 21 participating NMHS's (cf. fig. C4.5). GCMP will be maintained until the development of EuCLIS has been completed.

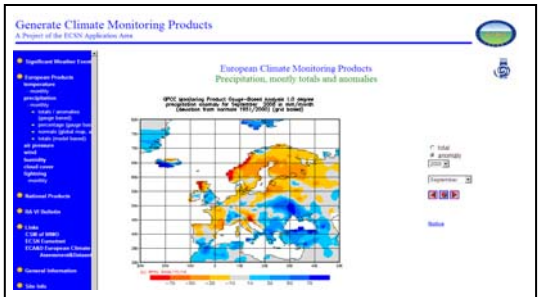


Fig. C4.5: Monthly precipitation sum in GCMP, provided by GPCC (Global Precipitation Climate Centre).

Based on modern Web-technology, EuCLIS provides a significant extension of the GCMP functionalities, e.g. handling of a higher number of contributing institutions, restricted and public user access, descriptions according to the WMO metadata standard etc. A beta version of EuCLIS was integrated into the new DWD web portal (http://dwd.de), which went public in December 2007 for a first evaluation phase (Bissolli, 2007).

EuCLIS is nominated (like ECA&D) as candidate for a platform of a future WMO-RAVI Regional Climate Centre. Links will be made with monitoring products arising from the ECSN projects EUROGRID and ECA&D. Presently, an interim platform called ECSM (European Climate System Monitoring) has been established before the operational start of EuCLIS. ECSM has most, but not all functionalities compared to EuCLIS.

Snow cover; SCONE (Raino Heino, FMI, Finland)

Snowfall occurs every winter in the Scandinavian area and seasonal snow covers landforms except in south-western areas. The typical duration of snow cover over most areas is between four and six months. Variations in snow cover affect the winter and spring climate in several ways.

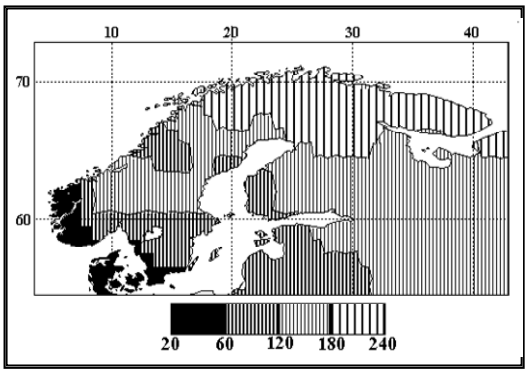


Fig. C4.6: Mean spatial variability of annual snow cover duration (days) 1936-2000.

Monitoring of the snow cover is important, because 10 - 60% of annual precipitation in the area is in the form of snow. Snow is the origin of a considerable proportion of runoff, and snowmelt is also a major agent for flooding almost all over the area.
Annual duration of snow cover varies from several days on average in the western part of the Scandinavian Peninsula to seven / eight months in the territories to the north of 65 N (cf. fig. C4.6).

The official record snow depth measured at stations in Finland and Sweden is 190 cm. It is clear that this value is much lower than the true maximum; e.g. accumulations of 3-4 m are possible in narrow gorges in the fjells of Lapland above the tree line. Recent decrease of snow cover duration and water equivalent has been observed in southern parts of Scandinavia, while the opposite trend prevails in the north. In mountains the enhancement of precipitation has overshadowed melting through increases in temperature in the past two decades, snow cover has become thicker (Heino, 2006).

Advances in homogenisation methods of climate series: an integrated approach, HOME COST Action ES0601 (Olivier Mestre, Météo France)

Long instrumental climate records are the basis of climate research. However, these series are usually affected by inhomogeneities (artificial shifts), due to changes in the measurement conditions (relocations, instrumentation, etc.). As the artificial shifts often have a similar magnitude to the climate signal, a direct analysis of the raw data series is likely to lead to inexact conclusions about climate change. So far, many statistical homogenisation procedures have been developed for the detection and correction of these shifts. A COST action "Advances in Homogenisation Methods of Climate Series: an integrated approach" has started (www.homogenisation.org). The Action's main objective is to achieve a general method for homogenising climate and environmental datasets.
The method will be a synthesis of the most adapted statistical procedures for detection and correction of varying parameters. The release of the resulting homogenisation methods will enable a degree of standardisation of homogenisation methods in Europe. The results of climate studies based on homogenised series could be easily compared and crosschecked with studies using the same method. Those results will be valuably transferred to other EU funded projects using observed climate records, and especially to ECA&D (Mestre, 2008).

Compilation of studies carried out by ECA&D partners

A selection is presented of studies, carried out by ECA&D participants.

Climate Variability studies in the Alpine Region – CLIVALP (Ingeborg Auer, ZAMG, Austria)

The Alpine region offers a unique potential of historical climate data in respect to its lengths, its spatial resolution, and its vertical dimension. Based on this treasury of data regional climate variability has

been analysed. The warming of the Alpine climate in the 20th century resulted in a marked decrease in the percentage of solid precipitation (mainly snow, fig. C4.7). Due to its storing capacity snow plays important role in the Alpine water balance and fresh fallen summer snow governs the glaciers' albedo. Depending on altitude and season, highest decreases since 1951 occurred in summer above 2500 m (-12%), between 1500 and 2000 m elevation in autumn (-10%). The share of summer snow has decreased from 43 to 31% in the 2500 altitude belt, however no change occurred in autumn due to compensating effects of a decrease till 1986 and an increase afterwards.

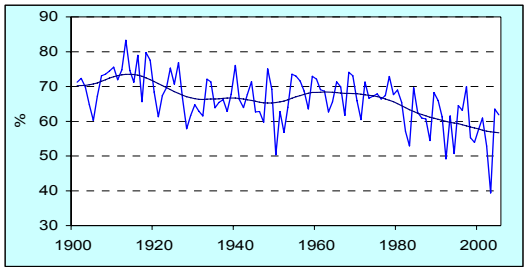


Fig. C4.7: Centennial decrease of the share of solid precipitation in high Alpine regions in summer at the elevation of about 3000 m asl., single values and 30yrs.

Daily minimum temperature has increased by 1.2 °C during the 20th century. At the same time the number of frost days has decreased again dependent on season and altitude. At 3000 m a decrease of 22 frost days is related mainly to the temperature increase in the warm season from May to September. At lower elevated stations of about 1100 m mostly the cold season, October to April, contributed to the decrease of 16 frost days. Possible consequences of frost reduction include the diminishing firmness of permafrost and soil in the high Alpine region.

High elevation daily maximum temperature showed a centennial increasing trend of about 1.4°C during the 20th century. This increase led to a reduction of icing days at all elevation levels. At 3000 m the decrease is more than 20 days.
The project has been completed in 2006. References: Auer et al., 2001, 2005, Hantel et al., 2000, http://www.zamg.ac.at/forschung/klimatologie/klimawandel/clivalp/

Another project profiting of the Alpine high density network was the creation of a High Resolution Temperature climatology for the Greater Alpine Region (HRT-GAR, Ingeborg Auer, ZAMG, Austria) for a 30yrs period with a temporal resolution of 1 months and a spatial resolution of 1 km x 1 km. Based on a collection of 1726 station data sets, multiple linear regressions and regionalisation, further significant improvements could be reached by adjustments for meso-scale effects in cold air pools, coastal and lakeshore belts, urban areas and slopes. The grids have been made available on ZAMG's web-site, see: http://www.zamg.ac.at/forschung/klimatologie/klimamodellierung/ecsn_hrt-gar/).
The project has been completed in 2008. The reference paper has been submitted to Meteorologische Zeitschrift .

Drought in Portugal (Fatima Coelho Espirito Santo & Vanda Pires, IP, Portugal)

Summer drought events severely impact on society when they damage agricultural production, reduce water supplies or hamper shipping.

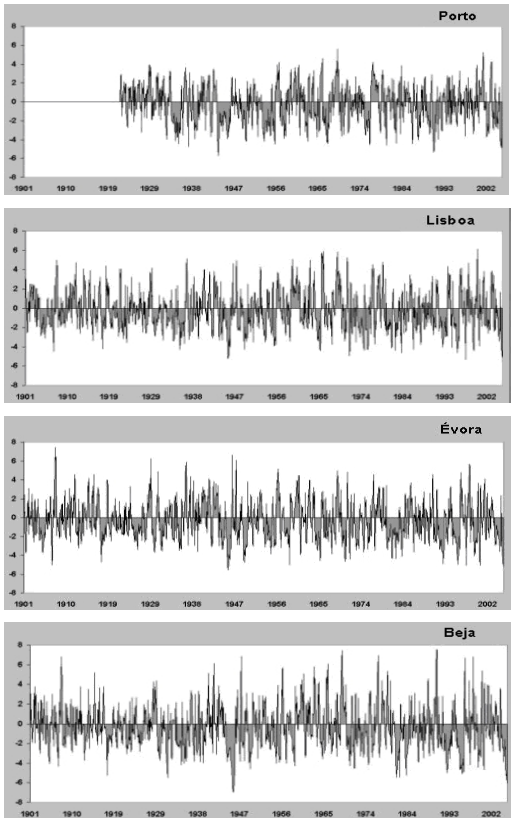


Fig. C4.8: Time series of Palmer Drought Severity Index (PDSI) at 4 stations in mainland Portugal: Porto, Lisbon, Évora and Beja

In particular for sensitive areas, drought forms an important climatic hazard. Parts of the Mediterranean and Central Europe are most vulnerable, although other regions also suffer from drought events. For instance in Scandinavia, summer drought is a serious stress factor on forest ecosystems, leading to reduced growth and increased forest fire risk.

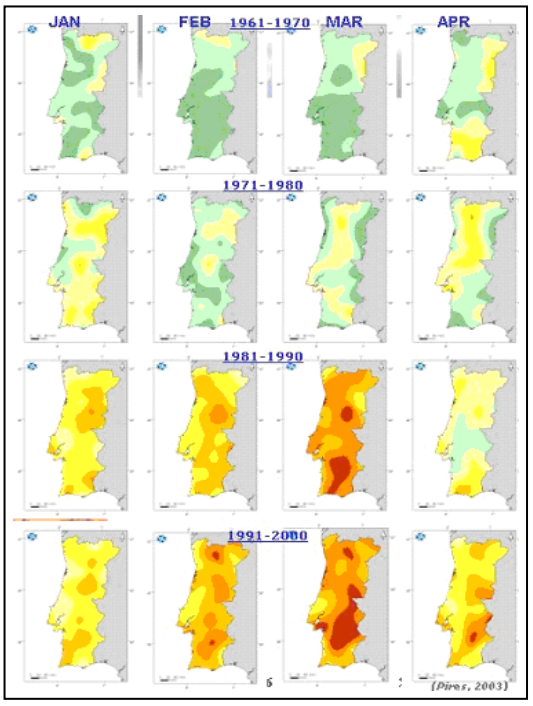


Fig. C4.9: PDSI average for the last four decades since 1961 to 2000 in Mainland Portugal.

The geography of the mainland Portugal leads to the occurrence of droughts. While drought is a complex process, where meteorological, hydrological, agronomical and other aspects must be considered, it is possible to follow the onset and evolution of drought events through meteorological indices. To characterize drought in Portugal the Palmer Drought Severity Index (Palmer, 1965) is used which was adapted and calibrated to the specific climatic conditions of mainland Portugal. That index performs a parameterized computation of the soil water balance and compares the estimated soil moisture content with its climatological mean

A statistical analysis of 4 long climatological series of the PDSI was made for Mainland Portugal (cf fig. C4.8). With respect to the change in variability of the PDSI, the negative values seem to dominate the last 20 years of the 20th century. The 1980-decade begins with a sudden and large decrease in the PDSI, maintaining a trend for negative values through several years. The values of the PDSI in the cooling period 1946-1975 are less negative than in the warming period (since 1976), suggesting an increased frequency of droughts in the south of Portugal (Pires, 2003). The PDSI average was calculated for the last four decades since 1961 (fig. C4.9). An increase in severity is observed especially between February and April, changing from normal conditions to conditions of mild and moderate drought, namely in February and March (Pires, 2003). To observe the evolutions of drought over the country, national maps are produced showing the monthly PDSI distribution, where is possible to determine drought-prone areas and monitor the spatial and temporal evolution of drought across mainland Portugal, which is helpful to delineate potential disaster areas, such as agriculture impacts, giving a better on-farm decision-making (Espirito Santo, 2005).

Drought in Spain (José A. Lopez, INM, Spain)

In Spain, as in other Mediterranean countries, drought is a recurrent feature of the climate. Especially the southern two thirds of the country are subject to periods

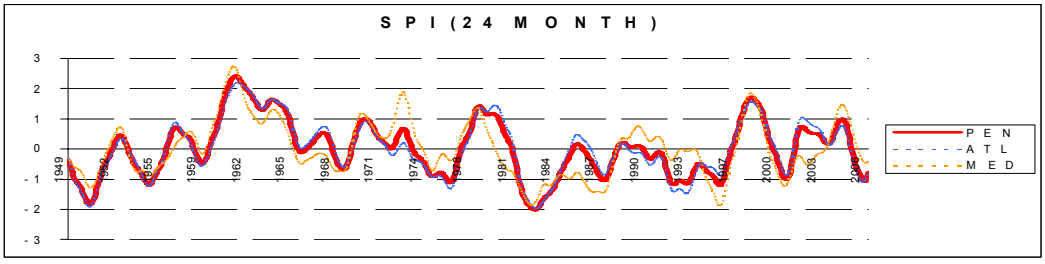


Fig C4.10: Values of the SPI for the whole of the Peninsula (red), the Atlantic basin (blue broken) and Mediterranean basin (brown broken). The basis reference for the SPI is 24 months and the values have been assigned to the last month of the period. The series have been smoothed with a Gaussian filter (T = 20 months).

of rain deficit with an average periodicity of around 6 years since 1948.

Fig. C4.10 shows that the distribution of drought times (expressed as SPI; the Standard Precipitation Index) is far from regular. The sixties were remarkably wet on average, while the eighties and first nineties were marked by severe droughts. Of these, the most acute by most standards in the period under analysis, occurred at the beginning of the eighties, followed by the one at the end of the forties. In the last ten years relatively wet and dry periods have alternated, with a dry period beginning in 2004 up to the present. The hydrological year 2004-2005 was one of the driest on record on many observatories in Spain. For example at Madrid (station Retiro) only 196.9 mm was collected, which makes it the driest year on record in a series beginning in 1892. The monthly totals for the Peninsula and the Atlantic and Mediterranean basins since 1948 do not show a global significant trend.

Drought in Italy (Maurizio Maugeri, Universita degli Studi di Milano, Italy)

Variability and trends in Italian droughts in the 1951-2000 period were studied by analysing a data-set of 75 daily precipitation records. The analysis, performed by an index estimating the proportion of dry days in each season, showed a remarkable increase in winter droughts all over Italy. The increase is mainly due to a 7-year period (1987-1993) that has increases, relative to 1951-2000 averages that range from 129 % (Sicily and Sardinia) to 276 % (Southern Italy) but, especially in the North, there is an increase also for the remaining part of the last 20 years (fig. C4.11).

The evolution of Italian droughts is in agreement with the evolution of other parameters such as total precipitation, number of wet days, total cloud amount and daily temperature range. So, also droughts seem to confirm that, especially in winter, the response of Italy to the recent global warming is mainly linked to a more "sunny" climate. This response is probably due to the strengthening in the NAO (North Atlantic Oscillation) since the early 1970s that has accompanied the recent warming and that has caused an increase in the westerlies, with consequent advection of warm and moist air over large areas of Central and Northern Europe, and more frequent anticyclones over its Southern part (Brunetti et al, 2002).

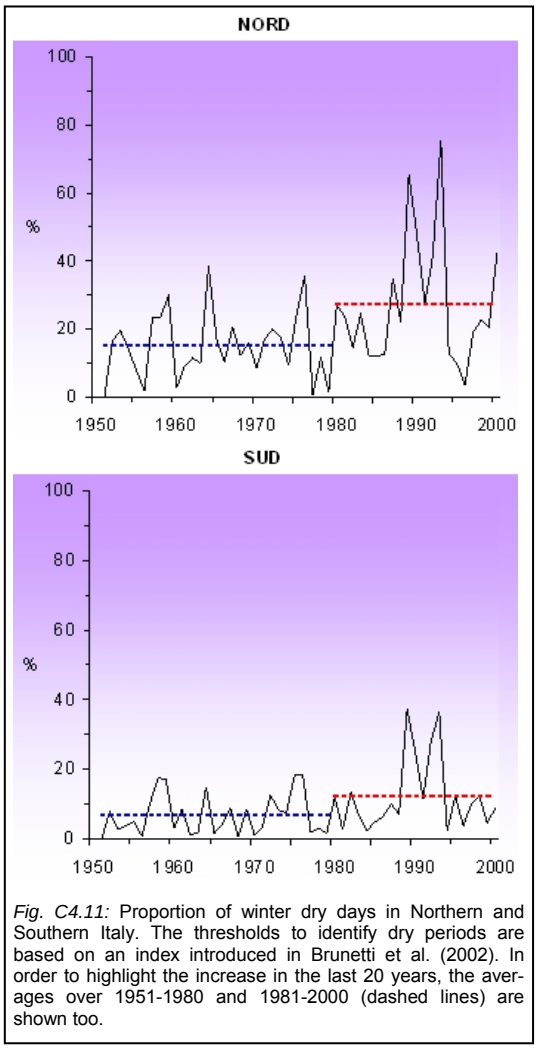


Fig. C4.11: Proportion of winter dry days in Northern and Southern Italy. The thresholds to identify dry periods are based on an index introduced in Brunetti et al. (2002). In order to highlight the increase in the last 20 years, the averages over 1951-1980 and 1981-2000 (dashed lines) are shown too.

Drought in Hungary (Sandor Szalai, OMSZ, Hungary)

Hungary is situated in the Carpathian Basin. Its climate is determined mainly by the large-scale circulation patterns of maritime, continental and Mediterranean air masses, modified by the topography of the basin. Therefore, monthly precipitation can exceed 100 mm or sometimes even 200 mm in any month (the long term country-wide annual average is about 610 mm), on the other hand months without any rainfall may occur any time of the year. Drought is a natural, recurrent feature of the climate of Hungary. The annual temperature and precipitation

show two main tendencies: increasing temperatures and decreasing annual precipitation amounts. The increase of temperature is especially strong in summer (1°C/century), whereas the seasonal precipitation amount has not been changed practically in the last century. The stability of the seasonal precipitation explains the drought occurrence in the earlier period of time; the increasing temperature explains the recent growing drought tendency. The main agricultural areas of Hungary are characterized by the lowest annual precipitation and the highest temperatures, making the production more drought sensitive.

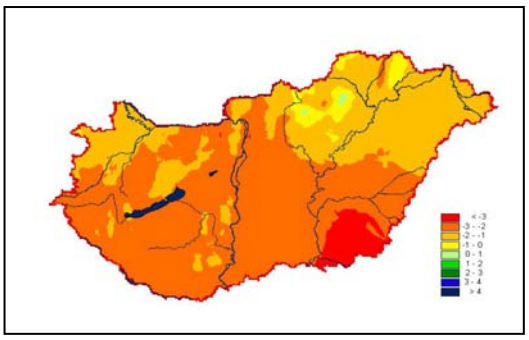


Fig. C4.12: 6-months SPI map (March-August) Hungary.

After heavy rains over the late winter and early spring that caused the 'flood of the century' on the river Tisza, Hungary suffered a severe drought period that started on 7 April 2000 and persisted for several months. The largest drought event occurred in the summer-half year of 2003. The SPI values show a value less then –3 over this period (cf fig.C4.12, Szalai et al., 2000).

Homogeneity, daily adjusting in Hungary (Tamás Szentimrey & Mónika Lakatos, OMSZ, Hungary)

The original MASH (Multiple Analysis of Series for Homogenization) procedure (see box C4.2) has been developed for the homogenization of monthly series. MASH is a relative method and, depending on the distribution of the examined meteorological element, an additive (e.g. temperature) or a multiplicative (e.g. precipitation) model can be applied.

Software procedures have been developed to tackle the following subjects with respect to monthly data series: comparison of series, break point (change point) and outlier detection, correction of series, missing data complementing, automatic usage of meta data and a verification procedure to evaluate the homogenization results.

The latest version of MASH (3.01) has also been developed for homogenizing daily series as well as for quality controlling of daily data and missing data complementing. It is suitable for daily temperature elements, as a normal distribution is assumed and thus the additive model can be applied in the procedure.

Box C 4.2 ***Steps MASH procedure***

1. Monthly means from daily data.
2. MASH homogenization procedure for monthly series, estimation of monthly inhomogeneities.
3. On the basis of estimated monthly inhomogeneities, continuous (smooth) estimation for daily inhomogeneities.
4. Homogenization of daily data.
5. Quality control for homogenized daily data.
6. Missing daily value complementing.
7. Monthly means from homogenized, controlled and complemented daily data.
8. Test of homogeneity for the new monthly series by MASH homogenization procedure. Repeating steps if it is necessary.

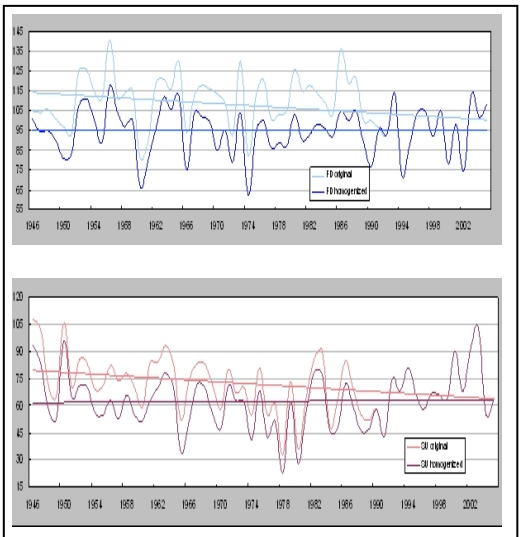


Fig. C4.13: Two graphs demonstrating the difference of the number of frost days (top) and of summer days (bottom) in a year, originated from homogenized data or from data with inhomogeneities (Miskolc, 1946-2005).

Besides the PC version of the MASH the daily data homogenization procedure and the ECA indices have been built into the Climate Database of the Hungarian Meteorological Service (OMSZ) as well. The longest daily maximum and minimum temperature data series were homogenized and the climate indices series based on daily data have been analyzed at 15 Hungarian locations for the period 1901-2005. The results of the extreme climate indices calculation and the fitted linear trend were tested on both the original and the homogenized daily data (cf. fig. 4.13).

Gridding of homogenized daily data series will be carried out by the method MISH (Meteorological Interpolation based on Surface Homogenized Data Basis). References: Szentimrey, 1999, 2006, Szentimrey and Bihari, 2005, 2006.

Relation between NAOI and temperature and precipitation indices (Ljuba Pirozenoka, LEGMA, Latvia)

The territory of Latvia is located in the North-Eastern part of Europe, on the eastern coast of the Baltic Sea. The climate of the territory is strongly affected by westerly winds accompanied by the high cyclonic activity.

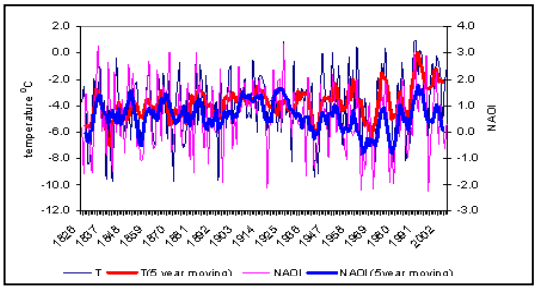


Fig. C4.14: Variations of NAOI and winter mean temperature (T) in Riga.

The relationship between the North Atlantic Oscillation Index (NAOI) and temperature and precipitation indices has been investigated. An analysis of long-term temperature and precipitation data series showed significant increases of the mean annual, winter and spring temperatures and precipitation.
A strong positive correlation was found between long-term mean annual temperature in Riga and NAOI (r=+0.47).
Significant correlation coefficients were found for the period from September to March. The NAOI exerts a dominant effect on the winter temperatures in Latvia (cf. fig. C4.14). The long-term average correlation is not strictly consistent over time. For the time period analyzed the correlation is statistically significant for the winter season. However, the relationship has tended to increase during the last decades (cf fig. C4.15).

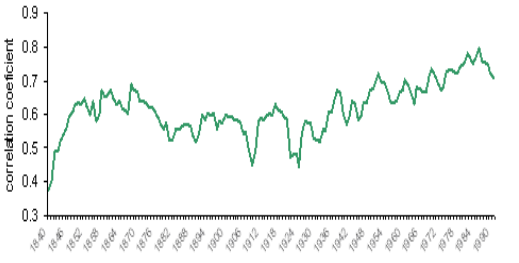


Fig. C4.15: 31-year moving correlation coefficients between mean winter temperature in Riga and NAOI.

The correlation for the western part of the territory (near the Baltic Sea) is weaker than for the more continental eastern part. Significant negative correlations (-0,2...-0,7) were also found for the NAOI and different temperature indices for the winter period: frost days, ice days and the maximum number of consecutive frost days. A significant relationship between NAOI and winter precipitation sums has been found (r=+0.4 for the period 1925-2005). As with temperature, the long-term average correlation is not strictly consistent over time. A significant increase of relationship between winter precipitation and NAOI has been found since the last half of the 20th century (cf. fig. C4.16).

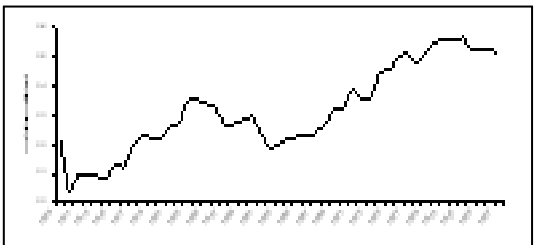
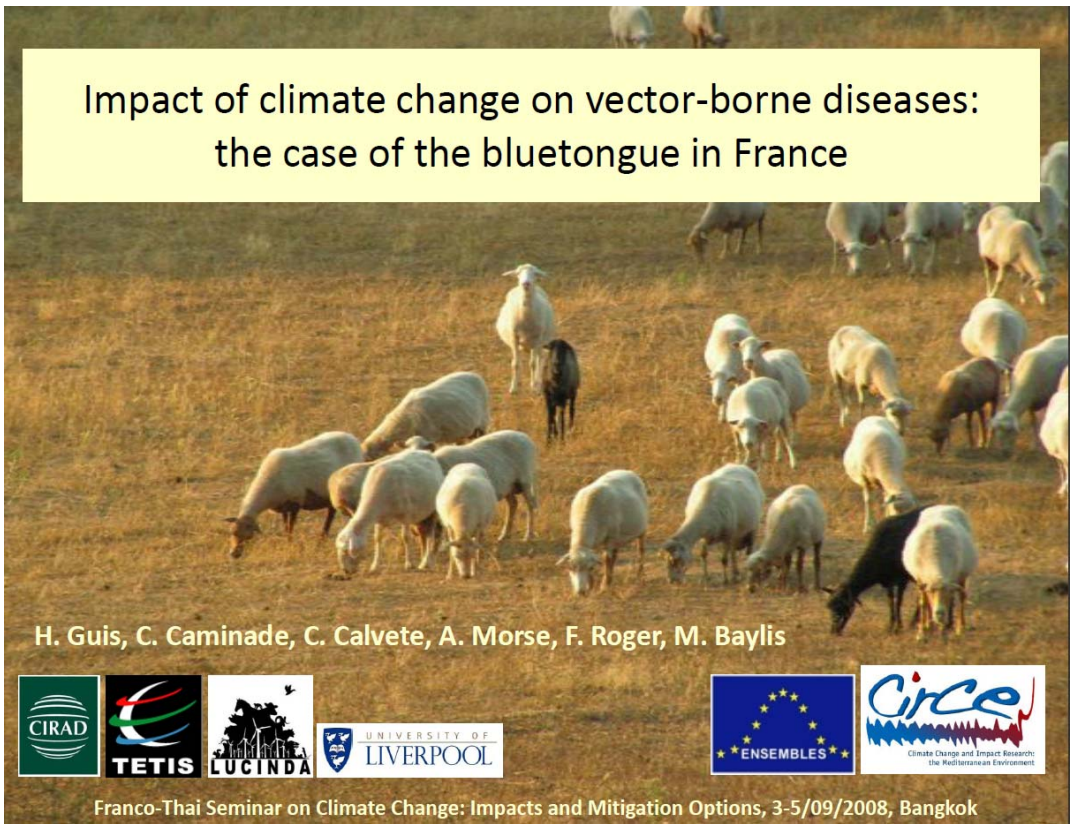
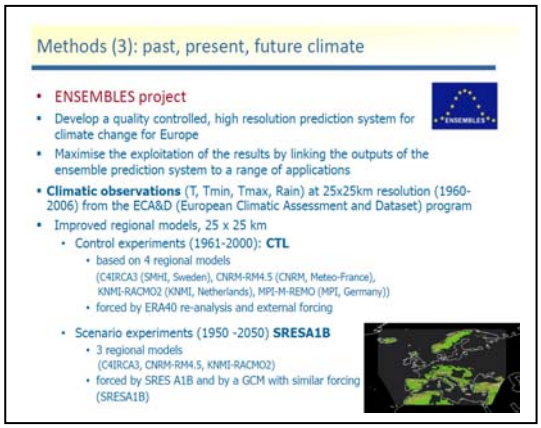


Fig. C4.16: 31-year moving correlation coefficients between average winter precipitation sums in Latvia and NAOI.

Other studies referring to ECA&D

In *references and literature* a random selection is presented of also non meteorological studies that refer to the use of ECA&D.





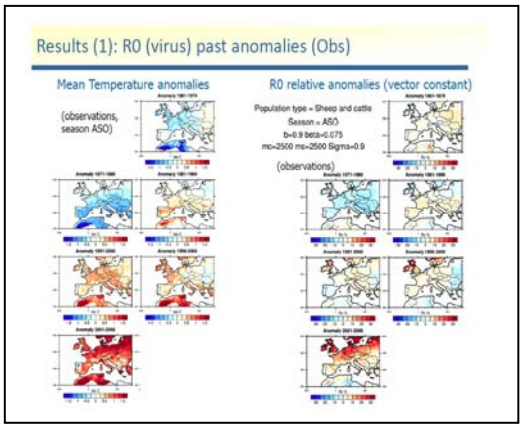


Fig. C4.17: some slides from a presentation on climate change and bluetongue at the Franco-Thai Seminar on Climate Change, September 2008, Bangkok.

As an example serves the study, carried out by Helene Guis, Cyril Caminad, Andy Morse, François Roger and Matthew Baylis (2008, http://caminade00.blogspot.com/, see fig. C4.17 with some slides from their presentation in Bangkok) concerning the *blue tongue disease* (catarrhal fever).
This is a non contagious, insect-borne viral disease of ruminants, affecting mainly sheep and less frequently the cattle.

It is caused by the bluetongue virus, transmitted by different culicoides (fly). A significant increase of the disease has been seen since the last decade over Northern Europe. This work is a first attempt to relate climate change (as the virus is temperature driven) and the possible change in the affected areas over Europe for the next upcoming decades, based on the ENSEMBLES RCM simulations and ECA&D observations.

5 Outlook

The main future ambition for ECA&D is to operate as a baseline platform for the official designation by WMO (in 2009) as a Regional Climate Centre (RCC).

WMO (with 188 Member NMHS's) works in close collaboration with research communities, universities, the private sector and government agencies to systematically observe the climate system (*Establishment and Designation of WMO RCC's, WMO*, 2008). The collaboration of ECA&D with its partners and users is well in line with WMO. So ECA&D also underlines the needs of all NMHS's, as expressed by WMO, to be supported to serve their public and users whose activities are climate-sensitive, with the following requirements:

1. Climate observations, archiving, management and dissemination of data and various data services,
2. Climate system monitoring,
3. Forecasts on monthly to interannual timescales and climate projections

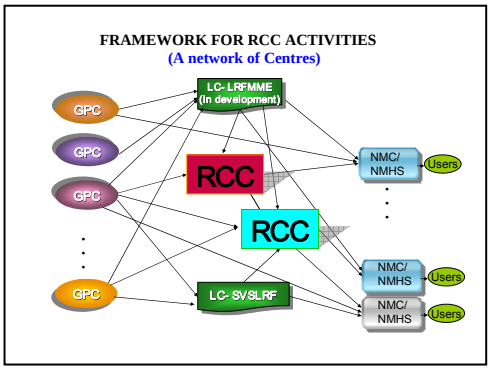


Fig. C5.1: Framework for RCC activities.

All three require practical applications and services for different user groups, policy-relevant assessments of climate variability and change, develop climate projections and the carrying out of or collaboration in the related research.
Especially in Europe (WMO RAVI), the numerous NMHS's with varying national coverage's and resources need to collaborate to fulfil the national needs that are embedded in and dependent of the regional needs.

WMO recognised this need and started a number of actions to the establishment of Regional Climate Centres, being WMO Centres of Excellence that *"assist WMO Members in the region to deliver better climate services and products and to strengthen their capacity to meet national climate information needs"*

Box C5.1 lists the common characteristics of RCC's.

Box C5.1 ***RCC characteristics***

1. RCC's are regional entities established to develop high-quality regional-scale climate products to assist countries in the region, or a sub-region.
2. The primary 'clients' of an RCC are NMHS's and other RCC's in the region and in neighbouring areas.
3. RCC responsibilities should be regional in nature and not duplicate or replace those produced by NMHS's (it is important to note that NMHS's retain the mandate and authority to provide the liaison with national user groups, and to issue advisories and warnings).
4. An RCC or an RCC-Network will be considered, in the Manual on the GDPFS (Global Data Processing and Forecasting system), as a type of Regional Specialized Meteorological Centre (RSMC).
5. RCC's and RCC-Networks will be 'centres in a cooperative effort', a concept already defined in the Manual on the GDPFS.
6. All RCC's should always adhere to the principles of WMO Resolution 40 concerning the exchange of data and

KNMI (ECA&D) was invited to take part in these actions by the WMO-RAVI Working Group on Climate Related Matters (WG CRM), that takes the lead to establish three RCC nodes on the above mentioned requirements (see also fig. C5.1):

1. The RCC node on climate data (consortium lead KNMI-ECA&D)
2. The RCC node on climate monitoring (consortium lead DWD)
3. The RCC node on Long Range Forecasting (LRF, consortium lead Météo-France & Rosshydromet)

Aiming at its new role as platform for a RCC on data, the EUMETNET Council was asked to agree that ECA&D would be continued as an EUMETNET-ECSN project (see box C5.2), thereby turning from project into full operations mode.

Box C5.2 ***Continuation ECA&D***

The EUMETNET Council-30 (Aberdeen 12-13 April 2007) was addressed with the following request:
"The success of the project and the requests from our partners have made KNMI to decide to support a sustainable continuation of ECA&D on its own account and to offer:

1. The EUMETNET community ECA&D as a baseline dataset to be used in other EUMETNET programmes and projects,

2. The WMO community ECA&D as a RA VI Regional Climate Centre functionality for high resolution climate data and related assessments.

This implies a transition from the ECA&D project environment to operations. This effort should not be underestimated.

KNMI asks the Council to support this development by applying the saved contributions for the continuation of the ECA&D project for the coming 4 years. This will strengthen our ability to digest and validate observational records and to assess the climate of Europe as originally planned".

The Council agreed and ECA&D is now focussing on its ambition to serve as RCC of which the implementation is foreseen in 2009.

KNMI intents to further expand the station network in Europe by adding new stations and by adding elements for existing stations.
The coverage for the elements snow depth, pressure, cloud cover, relative humidity and sunshine duration is particularly patchy. An increase in the station density for these elements opens up the possibility to calculate daily gridded maps for these elements, similarly as what has been done for temperature and precipitation in the framework of ENSEMBLES. An outlook further into the future concerning the extension of the database could be the addition of new elements to the database, or collection of elements on a temporal resolution of hours rather than days.

The dissemination of the daily gridded maps for European temperature and precipitation, which are based on the ECA&D station data, turns out to be very popular. This motivates the ECA&D team to plan for the near future routine updates of these gridded products with (initially) a frequency of twice per year.

On the research side of ECA&D, the main research foci are extremes in a changing climate in order to quantify changes in return periods and severity in extreme events. The more rare events are particularly interesting in this respect. Furthermore, the relation between changes in European-wide circulation and trends in indices will be considered.
More technical are the validation of Regional Climate Models and reanalysis products with ECA&D data, either the station data or the daily gridded maps, which is a subject already under the attention of a wide scientific community. Finally, new methods will be developed and tested against existing procedures to homogenize the daily station records in the ECA&D database.

Goals for the more distant future are guidance on establishing an ECA&D-like platform for station data and daily gridded maps for the African continent and for Indonesia. These products would be of value to the global research community as well as for local applications.

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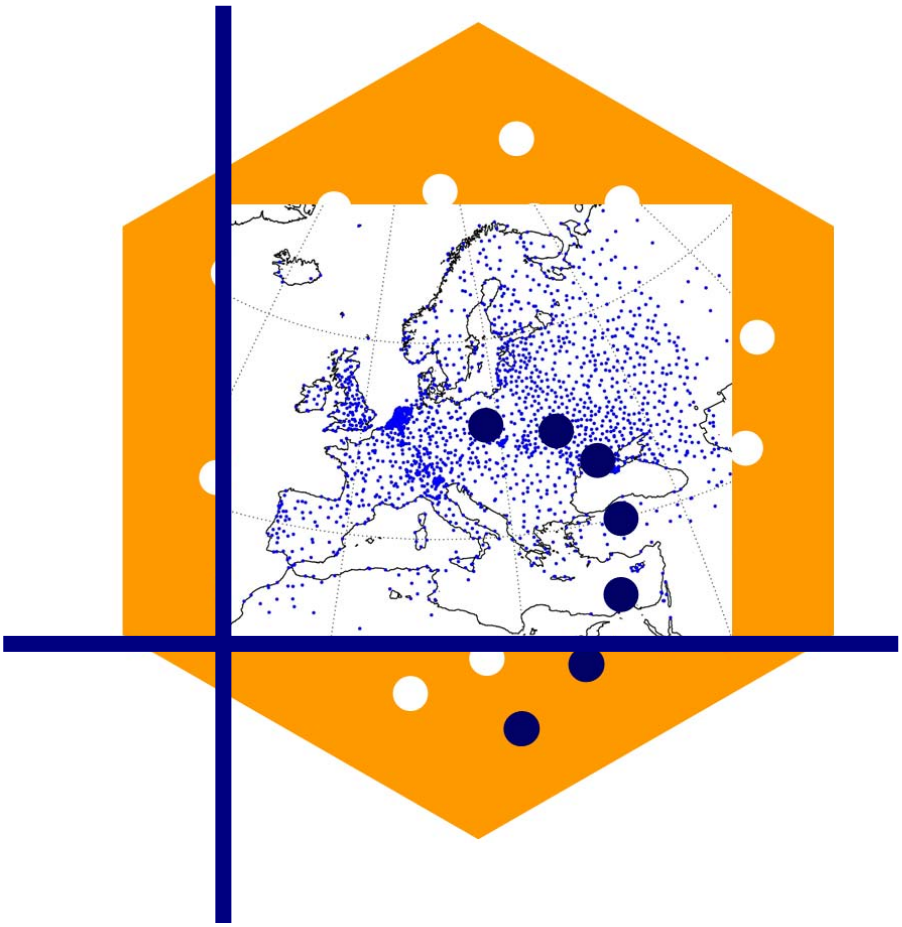
List of abbreviations

CCl	Commission for Climatology of WMO
CLIVAR	Research programme on CLImate VARiability and predictability
COST	European COoperation in the field of Scientific and Technical research
DTR	Diurnal Temperature Range (= maximum – minimum temperature)
ECA	European Climate Assessment
ECA&D	European Climate Assessment and Data set
ECD	European EUMETNET/ECSN Climate Dataset
ECMWF	European Centre for Medium-range Weather Forecasts
ECSM	European Climate System Monitoring
ECSN	European Climate Support Network (EUMETNET optional programme)
EEA	European Environment Agency
EMULATE	European and North Atlantic daily to MULtidecadal climATE variability (EU-FP5)
ENSEMBLES	Project on an ensemble prediction system for climate change (EU-FP6)
EuCLIS	European CLimate Information System (EUMETNET-ECSN project)
EUMETNET	EUropean METeorological NETwork of NMS's
GCMP	Generate Climate Monitoring Products (EUMETNET-ECSN project)
GCOS	Global Climate Observing System
GDPFS	Global Data Processing and Forecasting System
GHCND	Global Historical Climatological Network - Daily
GSN	GCOS Surface Network
HRT-GAR	High Resolution Temperature climatology for the Greater Alpine Region
INTAS	INTernational ASsociation for the promotion of co-operation with scientists from the New Independent States of the former Soviet Union
IPCC	Intergovernmental Panel on Climate Change
IPCC AR4	IPCC Fourth Assessment Report
IPCC-TAR	IPCC Third Assessment Report
JRC	Joint Research Centre of the European Commission
MAP	Mesoscale Alpine Programme (R&D programme of WWRP)
MapScript	For using mapserver functionalities with PHP web scripting language
MARS	ECMWF's Meteorological Archive and Retrieval System
MASH	Multiple Analysis of Series for Homogenization
MILLENNIUM	Project on European climate of the last millennium (EU-FP6)
MISH	Meteorological Interpolation based on Surface Homogenized data basis
MySQL	Open source RDBMS, using SQL
NAO	North Atlantic Oscillation
NAOI	North Atlantic Oscillation Index
NCDC	US National Climatic Data Centre
NMHS	National Meteorological and Hydrological Service

NMS	National Meteorological Service
PDSI	Palmer Drought Severity Index
PHP	PHP Hypertext Processor
RCC	Regional Climate Centre (Service centre for NMHS's, designated by WMO)
RDBMS	Relational Data Base Management System
RSMC	Regional Specialized Meteorological Centre
SCONE	INTAS-Snow Cover Changes Over Northern Eurasia During the Last Century: Circulation Consideration and Hydrological Consequences
S-EUROGRID	Showcase EUROGRID, EUMETNET ECSN Project
SLP	Sea Level Pressure
SPI	Standardized Precipitation Index
SQL	Structured Query Language
SST	Sea Surface Temperature
STARDEX	Project on STAtistical and Regional dynamical Downscaling of EXtremes for European regions (EU-FP5)
SYNOP	Surface SYNOPtic Observations
UNIDART	UNIform DAta Request inTerface (EUMETNET optional programme)
WHO	World Health Organisation
WMO	World Meteorological Organisation
WMO-RAVI	WMO Regional Association VI (approximately Europe)
WWRP	World Weather Research Programme

List of blended station series



The ECA&D network encompasses more than 2000 stations

ALBANIA
SHKODRA
TX: 19510101 20001231
TG: 19510101 20001231
TN: 19510101 20001231
TIRANA
TX: 19400101 20001231
TG: 19400101 20001231
TN: 19400101 20001231
RR: 19460101 19901231

ALGERIA
ALGER
TX: 19400101 19981231
TG: 19400101 19981231
TN: 19400101 19981231
RR: 19400101 19981231
ALGIERS
PP: 18720101 18811231
ANNABA
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
BECHAR
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
BEJAIA
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
BISKRA
PP: 18750101 18811231
CONSTANTINE
TX: 19650201 present
TG: 19650201 present
TN: 19650201 present
EL-GOLEA
TX: 19400101 19981231
TG: 19400101 19981231
TN: 19400101 19981231
RR: 19400101 19981231
PP: 19400101 19981231
IN-AMENAS
TX: 19581001 19981231
TG: 19581001 19981231
TN: 19581001 19981231
RR: 19581001 19981231
PP: 19581001 19981231
ORAN
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
TAMANRASSET
TX: 19400101 19981231
TG: 19400101 19981231
TN: 19400101 19981231
RR: 19400101 19981231
PP: 19400101 19981231
TEBESSA
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present

ARMENIA
GAVAR
TX: 19310501 20050430
TG: 18910101 20050430
TN: 19300401 20050430
RR: 18910101 20041231
YEREVAN
TX: 18850101 20051031
TG: 18850101 20051031
TN: 18860101 20051031
RR: 18850101 20051031

AUSTRIA
AIGEN
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
RR: 19730101 present
BREGENZ
TX: 19650501 present
TG: 19650501 present
TN: 19650501 present
BRENNER
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
EISENSTADT
TX: 19580101 present
TG: 19580101 present
TN: 19580101 present
RR: 19580101 present
FELDKIRCH
TX: 19580101 present
TG: 19580101 present
TN: 19580101 present
RR: 19580101 20001231
FEUERKOGEL
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
FREISTADT
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
GRAZ
TX: 18940101 present
TG: 18940101 present
TN: 18940101 present
RR: 18940101 present
PP: 18940101 20021231
INNSBRUCK
TX: 18770101 present
TG: 18770101 present
TN: 18770101 present
RR: 18770101 present
PP: 18770101 20021231
KLAGENFURT
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
KREMSMUENSTER
TX: 18760101 present
TG: 18760101 present
TN: 18760101 present
RR: 18760101 present
PP: 18760101 20021231
KUFSTEIN
TX: 19650501 present
TG: 19650501 present
TN: 19650501 present
LANDECK
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
LIENZ
TX: 19650501 present
TG: 19650501 present
TN: 19650501 present
LINZ
TX: 19520101 present
TG: 19520101 present
TN: 19520101 present
RR: 19971201 present
MARIAZELL
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
PATSCHERKOFEL
TX: 19670601 present
TG: 19670601 present
TN: 19670601 present
RAURIS
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
REICHENAU-RAX
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
RETZ
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
SALZBURG
TX: 18740101 present
TG: 18740101 present
TN: 18740101 present
RR: 18740101 present
PP: 18740101 20021231
SONNBLICK
CC: 19010101 present
HU: 19010101 20050331
TX: 18861001 present
TG: 18861001 present
TN: 18861001 present
RR: 18900101 present
SD: 19380101 present
SS: 19010101 20050331
ST.POELTEN
TX: 19590101 20050630
TG: 19590101 20050630
TN: 19590101 20050630
WIEN
CC: 19010101 present
HU: 19010101 20050131
TX: 18520901 present
TG: 18550101 present
TN: 18550101 present
RR: 18520901 present
PP: 18880101 20021231
SD: 19160101 present
SS: 19070101 20050131

BELARUS
BARANOVICI
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19550101 20050630
BEREZINO
RR: 19550101 19901231
BOBRUJSK
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19550101 20050630
BORISOV
RR: 19550101 19901231
BRAGIN
RR: 19550101 19901231
BREST
TX: 19440901 present
TG: 19440901 present
TN: 19440901 present
RR: 19440901 present
CECERSK
RR: 19550101 19901231
DOKSISY
RR: 19550101 19901231
EZERISE
RR: 19590701 19901231
GANCEVICI
RR: 19550101 19901231
GOMEL
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19550101 20050630
GORKI
RR: 18810101 19901231
GRODNO
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19450401 20050630
IVACEVITCI
RR: 19550101 19901231
KLICHEV
RR: 19590701 19901231
KOSTUKOVICI
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 20050630
LELCICY
RR: 19590701 19901231
LEPEL
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19550101 20050630
LIDA
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19550101 20050630
LYNTUPY
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 20050630
MARINA GORKA
RR: 18941201 19901231
MINSK
TX: 18910101 20011231
TG: 18910101 20011231
TN: 18910101 20011231
RR: 18910101 20011231
MOGILEV
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19450101 20050630
MOZYR
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19580101 20050630
559 NAROCH OZERNAYA
RR: 19601101 19841231
NOVOGRUDOK
RR: 19550101 19901231
OKTJBR
RR: 19590701 19901231
OLEVSK
RR: 19580101 19901231
ORSA
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19550101 20050630
OSMANY
RR: 19630101 19901231
PINSK
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 18750701 20050630
POLESSKAJ
RR: 19700101 19901231
POLOCK
RR: 19441101 19901231
PRUJANY
RR: 19550101 19901231
RADOSHKOVICHI
RR: 19550101 19870228
SARKOVSCIZNA
RR: 19550101 19901231
SENNO
RR: 19590701 19901231
SHUCHIN
RR: 19621201 19870731
SLAVGOROD
RR: 19550101 19901231
SLUCK
RR: 19360101 19901231
STOLBCY
RR: 19660101 19901231
VASILEVICI
TX: 18810101 20011231
TG: 18810101 20011231
TN: 18910101 20011231
RR: 18810101 20011231
VERKHNEDVINSK
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19550101 20050630
VILEJKA
RR: 19550101 19901231
VISOKOE
RR: 19550101 19901231
VITEBSK
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19360101 20050630
VOLKOVISSK
RR: 19550101 19901231
VOLOJIN
RR: 19590701 19901231
ZITKOVICI
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19360101 20050630
ZLOBIN
RR: 19550101 19901231

BELGIUM
BEAUVECHAIN
CC: 19850101 present
HU: 19850101 20060228
TX: 19531201 present
TG: 19531201 present
TN: 19531201 present
RR: 19530101 present
PP: 19850101 present
SD: 19850101 20071031
SS: 19850101 20060228
BEITEM
TX: 19531201 20060331
TG: 19531201 20060331
TN: 19531201 20060331
RR: 19521001 20060331
BIERSET
CC: 19850101 present
HU: 19850101 20060228
TX: 19531201 present
TG: 19531201 present
TN: 19531201 present
RR: 19510601 present

PP: 19850101 present
SD: 19850101 20071031
SS: 19850101 20060228

CHIEVRES
CC: 19850101 present
HU: 19850101 20060228
TX: 19531201 present
TG: 19531201 present
TN: 19531201 present
RR: 19540501 present
PP: 19850101 present
SD: 19850101 19990430
SS: 19850101 20060228

DEURNE
CC: 19850101 present
HU: 19850101 20060228
TX: 19531201 present
TG: 19531201 present
TN: 19531201 present
RR: 19510101 present
PP: 19850101 present
SD: 19850101 present
SS: 19850101 20060228

DOURBES
TX: 19651001 present
TG: 19651001 present
TN: 19651001 present
RR: 19651001 present

EEKLO
TX: 19531201 present
TG: 19531201 present
TN: 19531201 present
RR: 19510101 present

ELSENBORN
CC: 19861101 present
HU: 19861101 20060228
PP: 19861101 present
SD: 19870101 present
SS: 19861101 20060228

FLORENNES
CC: 19850101 present
HU: 19850101 20060228
PP: 19850101 present
SD: 19850101 present
SS: 19850101 20060228

KLEINEBROGEL
CC: 19850101 present
HU: 19850101 20060228
TX: 19531201 present
TG: 19531201 present
TN: 19531201 present
RR: 19530401 present
PP: 19850101 present
SD: 19850101 20071031
SS: 19850101 20060228

KOKSIJDE
CC: 19850101 present
HU: 19850101 20060228
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
PP: 19850101 present
SD: 19850101 present
SS: 19850101 20060228

LUXEMBOURG
CC: 19850101 20060131
HU: 19850101 20060131
PP: 19850101 20060131
SD: 19850101 20060131
SS: 19850101 20060131

MONTRIGI
RR: 19510101 20060531

OOSTENDE
CC: 19861101 19960131
TX: 19531201 present
TG: 19531201 present
TN: 19531201 present
RR: 19510101 present

SAINTHUBERT
CC: 19850101 present
HU: 19850101 20060228
TX: 19531201 present
TG: 19531201 present
TN: 19531201 present
RR: 19510101 present
PP: 19850101 present
SD: 19850101 20011130
SS: 19850101 20060228

UCCLE
TX: 17670101 present
TG: 17940101 present
TN: 17670101 present
RR: 18800101 present

VIRTON
TX: 19531201 20060331
TG: 19531201 20060331
TN: 19531201 20060331
RR: 19521101 20060331

BOSNIA - HERZEGOVINA

BJELASNICA
TX: 19520101 19711231
TG: 19520101 19711231
TN: 19520101 19711231
RR: 19520101 19711231
PP: 19520101 19711231

SARAJEVO
TX: 19010101 20050430
TG: 19010101 20050430
TN: 19010101 20050430
RR: 19010101 20050430

BULGARIA

KNEJA
CC: 19310101 20041231
HU: 19310101 20041231
TX: 19310101 20041231
TG: 19310101 20041231
TN: 19310101 20041231
RR: 19310101 20041231
PP: 19440101 20041231
SD: 19310101 20041231
SS: 19420101 20041231

KURDJALI
CC: 19600101 present
HU: 19600101 20051231
TX: 19600101 present
TG: 19600101 present
TN: 19600101 present
RR: 19600101 present
PP: 19600101 present
SD: 19600101 20070831
SS: 19600101 present

MUSSALA
RR: 19730101 present

OBRASZOVCHIFLIK
CC: 19310101 20041231
HU: 19310101 20041231
TX: 19310101 20041231
TG: 19310101 20041231
TN: 19310101 20041231
RR: 19310101 20041231
PP: 19310101 19961231
SD: 19310101 20041231
SS: 19500101 20041231

PLOVDIV
RR: 19310101 20041231

SADOVO
CC: 19310101 20041231
HU: 19310101 20041231
TX: 19310101 20041231
TG: 19310101 20041231
TN: 19310101 20041231
RR: 19310101 20041231
PP: 19310101 19961231
SD: 19310101 20041231
SS: 19500101 19841130

SANDANSKI
CC: 19600101 present
HU: 19600101 20051231
TX: 19600101 present
TG: 19600101 present
TN: 19600101 present
RR: 19600101 present
PP: 19600101 present
SD: 19600101 20070331
SS: 19600101 present

SLIVEN
CC: 19600101 20051231
HU: 19600101 20051231
TX: 19600101 20051231
TG: 19600101 20051231
TN: 19600101 20051231
RR: 19600101 20060228
PP: 19600101 20051231
SD: 19600101 20051231
SS: 19750101 20051231

SOFIA
CC: 19600101 present
HU: 19600101 20051231
TX: 19600101 present
TG: 19600101 present
TN: 19600101 present
RR: 19600101 present
PP: 19600101 present
SD: 19600101 present
SS: 19600101 present

VARNA
RR: 19730101 present

CROATIA

CRIKVENICA
TG: 18920101 20001231
RR: 18920101 20001231

GOSPIC
CC: 18720101 present
HU: 18720101 20041231
TX: 18800101 present
TG: 18720101 present
TN: 18800101 present
RR: 18720101 present
PP: 18720101 20050331
SD: 18720101 present
SS: 19570101 20041231

HVAR
CC: 18580101 present
HU: 18580101 20041231
TX: 18760101 present
TG: 18580101 present
TN: 18760101 present
RR: 18580101 present
PP: 18580101 20050331
SD: 18580101 present
SS: 19410101 20041231

LASTOVO
CC: 19480101 present
HU: 19480101 20041231
TX: 19480101 20070831
TG: 19480101 20050831
TN: 19480101 present
RR: 19480101 present
PP: 19580101 20050331
SD: 19480101 20050228
SS: 19640101 20041231

LESINA
PP: 18690101 18811231

OSIJEK
CC: 18990101 present
HU: 18990101 20041231
TX: 18990101 present
TG: 18990101 present
TN: 18990101 present
RR: 18990101 present
PP: 18990101 20050331
SD: 18990101 present
SS: 19570101 20041231

REIJKA
CC: 19480101 present
HU: 19480101 20041231
TX: 19480101 present
TG: 19480101 present
TN: 19480101 present
RR: 19480101 present
PP: 19490101 20050331
SD: 19480101 present
SS: 19550101 20041231

SPLITMARJAN
CC: 19480101 present
HU: 19480101 20041231
TX: 19480101 present
TG: 19480101 20071031
TN: 19480101 20071031
RR: 19480101 present
PP: 19480101 20050331
SD: 19480101 20071031
SS: 19480101 20041231

ZAGREB
CC: 18610101 present
HU: 18610101 20041231
TX: 18611201 present
TG: 18610101 present
TN: 18810101 present
RR: 18610101 present
PP: 18610101 20050331
SD: 18610101 present
SS: 18890101 20041231

ZAVIZAN
CC: 19530101 present
HU: 19530101 20041231
TX: 19530101 present
TG: 19530101 present
TN: 19530101 present
RR: 19530101 present
PP: 19560101 20041231
SD: 19530101 20071031
SS: 19540101 20041231

CYPRUS

AGROS
HU: 19810101 20031130
SS: 19820801 20050430

AKROTIRI
RR: 19160101 present

AMIANDOS
TX: 19860101 20041231
TG: 19860101 20041231
TN: 19860101 20041231
RR: 19160101 20041231

ATHALASSA
HU: 19830101 20031130
PP: 19860101 present
SS: 19840501 20050430

LARNACA
HU: 19810101 20020731
TX: 19860101 present
TG: 19860101 present
TN: 19860101 present
RR: 19160101 present
PP: 19860101 present
SS: 19860101 present

LIMASSOL
TX: 19860101 present
TG: 19930101 present
TN: 19930101 present
RR: 19160101 present

NICOSIA
TX: 19860101 20011231
TG: 19860101 20001231
TN: 19860101 20001231
RR: 19160101 20001231

PAFOS
HU: 19850101 20030930
PP: 19860101 present
SS: 19910201 present

PAPHOS
TX: 19490101 present
TG: 19490101 present
TN: 19490101 present

POLIS
TX: 19860101 20041231
TG: 19860101 20041231
TN: 19860101 20041231
RR: 19160101 20041231

CZECH REPUBLIC

BRNO
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231

CHEB
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231

CHURANOV
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231

HOLELOV
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231

HRADEC KRALOVE
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231

KOSTELNI
RR: 19730501 present

LIBEREC
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231

LYSA HORA
TX: 19730101 20071031
TG: 19730101 20071031
TN: 19730101 20071031
RR: 19730501 present

MILESOVKA
TX: 19060501 present
TG: 19050101 present
TN: 19060501 present
RR: 19050101 present

MOLNOV
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 present

PRAHA
TX: 17750101 20050430
TG: 17750101 20050430
TN: 17750101 20050430
RR: 18040101 20050430
PP: 18500101 18801231

PRIBYSLAV
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231

RR: 19610101 20001231
SVRATOUCH
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
USTI NAD ORLICI
TX: 19730101 20071031
TG: 19730101 20071031
TN: 19730101 20071031
RR: 19730501 present

DENMARK
ALBORG
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
BORNHOLMS
TX: 18740101 20001231
TG: 18740101 20001231
TN: 18740101 20001231
RR: 18740101 20001231
BRODERUP
RR: 19200101 present
GRONBALLINGSKOVG
RR: 18740101 20051231
HAMMER ODDE FYR
TX: 18740101 present
TG: 18740101 present
TN: 18740101 present
RR: 18740101 present
PP: 18740101 present
KARUP
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
KOEBENHAVN
TX: 18740101 present
TG: 18740101 present
TN: 18740101 present
RR: 18740101 present
NORDBY
TX: 18740101 20051231
TG: 18740101 20051231
TN: 18740101 20051231
RR: 18740101 20051231
PP: 18740101 20051231
ODENSE
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
ROSNAES FYR
TX: 18730101 20051231
TG: 18721201 20051231
TN: 18720101 20051231
RR: 18720101 20051231
SKRYDSTRUP
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
THYBORON
TX: 18740101 present
TG: 18740101 present
TN: 18740101 present
RR: 18740101 present
TIRSTRUP
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
TORSHAVN
PP: 18740101 20021231
TRANEBJERG
CC: 18721201 20000131
TX: 18730101 20051231
TG: 18721201 20051231
TN: 18720101 20051231
RR: 18720101 20051231
VESTERVIG
TX: 18740101 present
TG: 18740101 present
TN: 18740101 present
RR: 18740101 present
PP: 18740101 present

EGYPT
ALEXANDRIE
PP: 18760101 18811231
ASSWAN
TX: 19940101 19981231
TG: 19940101 19981231
TN: 19940101 19981231
RR: 19940101 19981231
PP: 19940101 19981231
BAHARIA
TX: 19940101 19981231
TG: 19940101 19981231
TN: 19940101 19981231
RR: 19940101 19981231
PP: 19940101 19981231
DAKHLA
TX: 19940101 19981231
TG: 19940101 19981231
TN: 19940101 19981231
RR: 19940101 19981231
PP: 19940101 19981231
HURGUADA
TX: 19940101 19981231
TG: 19940101 19981231
TN: 19940101 19981231
RR: 19940101 19981231
PP: 19940101 19981231
MERSA
TX: 19940101 19981231
TG: 19940101 19981231
TN: 19940101 19981231
RR: 19940101 19981231
PP: 19940101 19981231
SIWA
TX: 19940101 19981231
TG: 19940101 19981231
TN: 19940101 19981231
RR: 19940101 19981231
PP: 19940101 19981231

ESTONIA
AJNAZI
TX: 19950101 20010831
TG: 19950101 20010831
TN: 19950101 20010831
RR: 19590701 20010831
HELTERMAA
TX: 19991001 20050630
TG: 19991001 20050630
TN: 19991001 20050630
RR: 19590701 20050630
JECKHVY
RR: 19590701 19911231
KICHNU
TX: 20010701 present
TG: 20010701 present
TN: 20010701 present
RR: 19590701 present
KJRDLA
RR: 19590701 20050630
KUNDA
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19560101 present
KUUZIKU
TX: 20010701 20050630
TG: 20010701 20050630
TN: 20010701 20050630
RR: 19410101 20050630
NARVAYIESUU
RR: 19550101 19640630
NAYSAAR
RR: 19590701 19910831
NIGULA
RR: 19640101 19911231
OSMUSSAAR
RR: 19590701 19711231
PAKRY
TX: 20010701 present
TG: 20010701 present
TN: 20010701 present
RR: 19590701 20071031
PYARNU
TX: 19360101 present
TG: 19360101 present
TN: 19360101 present
RR: 19360101 present
RISTNA
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19590101 present
TALLINN
TX: 19360101 present
TG: 19360101 present
TN: 19360101 present
RR: 19360101 present
TARTU
TX: 19010101 20040630
TG: 19010101 20040630
TN: 19010101 20040630
RR: 19010101 20040630
TIJRIKOJA
RR: 19590701 19911231
TOOMA
RR: 19450101 19870930
TURY
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 20050630
VILSANDI
TX: 19200101 present
TG: 19200101 present
TN: 19200101 present
RR: 19200101 present
VIRTSU
TX: 19991001 present
TG: 19991001 present
TN: 19991001 present
RR: 19590101 present
VJIKEMAARJ
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19620801 20050630
VORU
TX: 19230101 20041231
TG: 19230101 20041231
TN: 19230101 20041231
RR: 19230101 20041231

FAROE ISLANDS
THORSHAVN
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
RR: 19730101 present

FINLAND
AHTARIMYLLYMAKI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
ALAJARVI MOKSY
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
ANJALANKOSKI ANJALA
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
HAAPAVESI KOTITALOUS
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
HATTULA LEPAA
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
HEINOLA PLAANI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
HELSINKI
TX: 18281001 present
TG: 18281001 present
TN: 18440101 present
RR: 18440101 present
PP: 18500101 20011231
INARI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
JOENSUU
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
JOKIOINEN OBSERVATOR
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
JYVASKYLA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
KAJAANI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
KANKAANPAA NIINISALO
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
KAUHAVA
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
KEVO
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
KOKEMAKI PEIPOHJA HY
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
KUOPIO
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
KURU LANSIAURE
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
KUUSAMO
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
LOHJA PORLA
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
MAANINKA HALOLA
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
MASSKAR
TX: 19730101 19901231
TG: 19730101 19901231
TN: 19730101 19901231
MIETOINEN SAARI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
MOIKIPAA
TX: 19740301 19901231
TG: 19740301 19901231
TN: 19740301 19901231
MUHOS KK LAITASAARI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
MUONIO KK ALAMUONIO
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
NIVALA
TX: 19730101 20000731
TG: 19730101 20000731
TN: 19730101 20000731
OULU
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
PELLO
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
PIIKKIO YLTOINEN
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
PORI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
PORVOO JARNBOLE
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231

RR: 19590101 20001231
RANKKI
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
ROVANIEMI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
RUSSAROQ
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
RUUKKI REVONLAHTI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
SALO KARKA
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
SODANKYLA
TX: 19080101 present
TG: 19080101 present
TN: 19080101 present
RR: 19080101 present
TAIVALKOSKI KK
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
TOHMAJARVI KEMIE
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19410301 20001231
TURKU
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
UTTI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
VAALA PELSO
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
VALASSAARET
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
VARKAUS KAPYKANGAS
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
VESANTO KK
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
VIEREMAQKAARAKKALA
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231

FRANCE

ABBEVILLE
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
AGEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
AJACCIO
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
ALENCON
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19300101 present
AMIENS
RR: 19290101 20050131
ANGERS
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
AUXERRE
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
AUXERRE
RR: 19560101 present
BALLOTS
RR: 19560101 20050131
BASELMULHOUSE
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19010101 present
BASTIA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
BEAUVAISTILLE
TX: 19310801 present
TG: 19311201 present
TN: 19310801 present
RR: 19450101 present
BESANCON
TX: 19310101 present
TG: 19310101 present
TN: 18900101 present
RR: 19580101 20001231
SS: 19310701 20071031
BIARRITZ
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
PP: 18600101 18801231
BORDEAUX
TX: 19200101 20011231
TG: 19200101 20001231
TN: 19200101 20001231
RR: 19200101 20001231
PP: 19490101 20001231
SS: 19480701 present
BOURGSTMAURICE
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
BOURGES
TX: 19450101 20011231
TG: 19450101 20001231
TN: 19450101 20001231
RR: 19450101 20001231
PP: 19450101 20001231
BREST
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
PP: 18610101 18811231
BRETIGNY SUR ORGE
RR: 18860101 present
CAEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
CAPDELAHEVE
TX: 19421101 present
TG: 19490101 present
TN: 19490101 present
CARCASSONNE
TX: 19480101 present
TG: 19480101 present
TN: 19480101 present
CATUS
RR: 19310101 20050131
CHARTRES
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19460101 present
CHATILLONCOLIGNY
RR: 19390501 20050131
CHATILLON SUR SEINE
RR: 18900101 20050131
CLERMONTFERRAND
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
COGNAC
TX: 19460101 present
TG: 19470101 present
TN: 19470101 present
RR: 19560101 present
COL DE PORT
SD: 19600901 20050531
DEOLS
TX: 18930101 present
TG: 19210101 present
TN: 19210101 present
RR: 19230101 20001231
PP: 19450101 20001231
DIJON
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
DUNKIRK
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
EMBRUN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
ESPOEY
RR: 19340101 present
FAVERGESDELATOUR
RR: 19480101 20050131
GOURDON
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
GRENOBLE
TX: 19680101 present
TG: 19680101 present
TN: 19680101 present
RR: 19680101 present
ILE DE GROIX
TX: 19421101 present
TG: 19490101 present
TN: 19490101 present
LILEDYEU
RR: 19490101 present
LA SOUTERRAINE
RR: 19420101 20050131
LAROCHELLE
TX: 19391201 present
TG: 19550101 present
TN: 19550101 present
RR: 19580101 20001231
LANGRES
TX: 19440101 present
TG: 19500101 present
TN: 19500101 present
RR: 19580101 20001231
LE MANS
TX: 19390701 present
TG: 19460101 present
TN: 19460101 present
RR: 19560101 present
LE MASSEGROS
RR: 19480101 20050131
LE PUY
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
LEGE CAPFERRET
RR: 18850301 present
LEZAY
RR: 19200101 20050131
LILLE
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
LIMOGES
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
LUXEUIL
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
LYON
TX: 19200101 20011231
TG: 19200101 20001231
TN: 19200101 20001231
RR: 19200101 present
PP: 18690101 20001231
SS: 19310101 20071031
MACON
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
MARSEILLE
TX: 18970101 20050131
TG: 19000101 20050131
TN: 19000101 20050131
RR: 18810101 20050131
PP: 19490101 20001231
SS: 19601201 20050131
METZ
RR: 19560101 present
METZ
TX: 19390701 present
TG: 19460101 present
TN: 19460101 present
MILLAU
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
MONTAIGOUAL
TX: 18960101 present
TG: 18960101 present
TN: 18960101 present
RR: 18960101 19991231
MONTDEMARSAN
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
MONTCORNET
RR: 19000101 20050131
MONTELIMAR
TX: 19250101 present
TG: 19250101 present
TN: 19200901 present
RR: 19580101 20001231
SS: 19490101 present
MONTMORILLON
RR: 19370101 20001231
MONTPELLIER
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
NANCY
TX: 19220101 present
TG: 19220101 present
TN: 19220101 present
RR: 19580101 20001231
SS: 19500101 20071031
NANTES
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
NICE
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
NIMES
TX: 19250101 present
TG: 19250101 present
TN: 19220101 present
RR: 19200101 present
SS: 19460101 present
ODEREN
RR: 19410101 20050131
ORANGE
RR: 19590101 present
ORLEANS
TX: 19370301 present
TG: 19380101 present
TN: 19380101 present
RR: 19580101 20001231
SS: 19490701 present
PAMIERS
RR: 19600101 20050131
PARIS
TX: 19000101 present
TG: 19000101 present
TN: 19000101 present
RR: 18860101 present
PP: 18510101 20001231
PAU
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
PERPIGNAN
TX: 19240101 20011231
TG: 19240101 20001231

TN: 19240101 20001231
RR: 19240101 20001231
PP: 19490101 20001231
SS: 19310101 present

POITIERS
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

PTE DE LA HAGUE
TX: 19620101 present
TG: 19620101 present
TN: 19440101 present

REIMS
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19300101 present
SS: 19490101 present

RENNES
TX: 19250101 present
TG: 19250101 present
TN: 19250101 present
RR: 19270101 present
PP: 19490101 19991231

ROCHEFORT
PP: 18620101 18811231

ROUEN
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present

GERMAIN LES BELLES
RR: 19210101 20050131

SAINT QUENTIN
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present

SETE
TX: 19490101 present
TG: 19490101 present
TN: 19490101 present
RR: 19510101 present

ST RAPHAEL
SS: 19490101 present

STAUBAN SUR DURANCE
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present

ST DIZIER
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present

STGIRONS
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present

STRASBOURG
TX: 19450601 present
TG: 19460101 present
TN: 19460101 present
RR: 19430101 present
PP: 19490101 19991231

TARBES
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19460101 present

TOULON
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
PP: 18680101 18811231

TOULOUSE
TX: 19270101 present
TG: 19270101 present
TN: 18780101 present
RR: 19470101 20001231
PP: 19470101 20001231
SS: 19490101 present

2067 TOURS
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19560101 present
SS: 19610101 present

TRAPPES
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 19180101 present

VICHYCHARMEIL
TX: 19460101 present
TG: 19560101 present
TN: 19560101 present

VOUZIERS
RR: 18900101 20050131

GEORGIA

TIBLISI
TX: 18810101 19921231
TG: 18810101 19921231
TN: 18810101 19921231
RR: 18810101 19921231
PP: 18500101 19901231

GERMANY

AACHEN
CC: 18910101 present
HU: 18910101 20041231
TX: 18910101 present
TG: 18910101 present
TN: 18910101 present
RR: 18910101 present
PP: 19310101 present
SS: 19350101 present

ANGERMUENDE
TX: 19550101 present
TG: 19550101 present
TN: 19550101 present
RR: 19550101 present

ARTERN
TX: 19550101 present
TG: 19550101 present
TN: 19550101 present
RR: 19550101 present

AUGSBURG
CC: 19470101 present
HU: 19470101 20041231
TX: 19470101 present
TG: 19470101 present
TN: 19470101 present
RR: 19470101 present
PP: 19470101 present
SS: 19470101 present

BAD HERSFELD
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

BAD KISSINGEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

BAMBERG
TX: 18790101 present
TG: 18790101 present
TN: 18790101 present
RR: 18790101 present
PP: 18790101 20011231

BENDORF
TX: 19550101 present
TG: 19550101 present
TN: 19550101 present
RR: 19550101 present

BERLIN
TX: 18760101 present
TG: 18760101 present
TN: 18760101 present
RR: 18760101 present
PP: 18760101 20011231

BOCHOLT
TX: 19550101 present
TG: 19550101 present
TN: 19550101 present
RR: 18800101 present

BRAUNLAGE
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

BRAUNSCHWEIG
TX: 19610101 20071031
TG: 19610101 20071031
TN: 19610101 20071031
RR: 19610101 present

BREMEN
TX: 18790101 present
TG: 18900101 present
TN: 18900101 present
RR: 18900101 present
PP: 18900101 20011231

BREMERHAVEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

BROCKEN
TX: 19550101 20071031
TG: 19550101 20071031
TN: 19550101 20071031
RR: 19550101 present

CHEMNITZ
TX: 19550101 present
TG: 19550101 present
TN: 19550101 present
RR: 19550101 present

CLAUSTHAL
TG: 18900101 20021231
RR: 18900101 20021231

CUXHAVEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

DEUSELBACH
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

DOBEL
RR: 18880101 20011031

DRESDEN
CC: 19670101 present
HU: 19670101 20041231
TX: 18790101 present
TG: 19170101 present
TN: 19170101 present
RR: 19170101 present
PP: 19170101 present
SS: 19740101 present

DUSSELDORF
CC: 19690701 present
HU: 19690701 20041231
TX: 19690701 present
TG: 19690701 present
TN: 19690701 present
RR: 19690701 present
PP: 19690701 present
SS: 19690701 present

EMDEN
CC: 19970701 present
HU: 19900101 20050531
TX: 19900101 present
TG: 19900101 present
TN: 19900101 present
RR: 19510101 present
PP: 19970701 present
SS: 19910201 20071031

EMS
HU: 20000701 20041231
TX: 20000701 present
TG: 20000701 present
TN: 20000701 present
RR: 20000701 20011231
PP: 20000701 present
SS: 20000701 present

ERFURT
CC: 19510101 present
HU: 19510101 20041231
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 19510101 present
SS: 19510101 present

FELDBERG
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

FICHTELBERG
CC: 19510101 20071031
HU: 19470101 20041231
TX: 19470101 20071031
TG: 19470101 20071031
TN: 19470101 20071031
RR: 19510101 present
PP: 19470101 20041231
SS: 19510101 20071031

FORBACH
RR: 18890201 20030331

FRANKFURT
TX: 18700101 present
TG: 18700101 present
TN: 18700101 present
RR: 18700101 present
PP: 18810101 19641231

FREIBURG
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

FREUDENSTADT
RR: 18660101 20021231

FRITZLAR
CC: 20000701 present
HU: 20000701 20041231
TX: 20000701 present
TG: 20000701 present
TN: 20010101 20011231
RR: 20010101 present
PP: 20000701 present

GIESSEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

GOEPPINGEN
RR: 18871101 20030331

GOETTINGEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

GORLITZ
CC: 19510101 present
HU: 19470101 20041231
TX: 19470101 present
TG: 19470101 present
TN: 19470101 present
RR: 19510101 present
PP: 19470101 present
SS: 19510101 20071031

GREIFSWALD
CC: 19780101 present
HU: 19470101 20041231
TX: 19470101 present
TG: 19470101 present
TN: 19470101 present
RR: 19780101 present
PP: 19470101 present
SS: 19780101 20071031

GUNDELSHEIM
RR: 18871101 20070831

HALLE
TX: 18700101 present
TG: 19000101 present
TN: 19000101 present
RR: 19000101 present
PP: 19000101 present

HAMBURG
TX: 18790101 present
TG: 18910101 present
TN: 18910101 present
RR: 18910101 present
PP: 19310101 20011231

HAMELN
TX: 19550101 19911231
TG: 19550101 19911231
TN: 19550101 19911231
RR: 19550101 19911231

HANNOVER
CC: 19360101 present
HU: 19360101 20041231
TX: 19360101 present
TG: 19360101 present
TN: 19360101 present
RR: 19360101 present
PP: 19360101 present
SS: 19360101 present

HELGOLAND
CC: 19520501 present
HU: 19520501 20041231
TX: 19520501 20071031
TG: 19520501 20071031
TN: 19520501 20071031
RR: 19520501 present
PP: 19520501 present
SS: 19520501 20071031

HITZACKER
RR: 18900101 present

HOF
CC: 19470101 present
HU: 19470101 20041231
TX: 19470101 present
TG: 19470101 present
TN: 19470101 present
RR: 19470101 present
PP: 19470101 present
SS: 19470101 present

HOHENPEISSENBERG
TX: 18790101 20011231
TG: 17810101 20021231
TN: 18790101 20011231
RR: 17810101 20021231
PP: 18500101 20021231

HORB
RR: 18880101 20030331

ISNY
RR: 18610101 present
JENA
TX: 18240101 20011231
TG: 18240101 20011231
TN: 18240101 20011231
RR: 18270101 20011231
PP: 18500101 20001231
KAHLER ASTEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
KAISERBACH
RR: 18871101 20030331
KAISERSLAUTERN
TX: 18790101 20011231
TG: 19010101 20001231
TN: 19010101 20001231
RR: 19010101 20001231
PP: 19010101 19520331
KARLSRUHE
TX: 18760101 20021231
TG: 18760101 20021231
TN: 18760101 20021231
RR: 18760101 20021231
PP: 18760101 20011231
KASSEL
CC: 19510101 20021231
HU: 19510101 20041231
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 19510101 present
SS: 19510101 present
KEMPTEN
CC: 19520101 present
HU: 19520101 20041231
TX: 19520101 present
TG: 19520101 present
TN: 19520101 present
RR: 18610101 present
PP: 19520101 present
SS: 19520101 present
KLIPPENECK
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
KOELN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
KONSTANZ
CC: 19721101 present
HU: 19721101 20041231
TX: 19721101 present
TG: 19721101 present
TN: 19721101 present
RR: 19721101 present
PP: 19721101 present
SS: 19721101 present
LANDAUPFALZ
RR: 18790101 20030331
LEIPZIG
CC: 19720501 present
HU: 19720501 20041231
TX: 18700101 present
TG: 19000101 present
TN: 19000101 present
RR: 19000101 present
PP: 19000101 present
SS: 19720501 present
LINDENBERG
CC: 19510101 present
HU: 19470101 20041231
TX: 19470101 present
TG: 19470101 present
TN: 19470101 present
RR: 19470101 present
PP: 19470101 present
SS: 19510101 20071031
LINGEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
LIST
CC: 19370101 present
HU: 19370101 20041231
TX: 19370101 present
TG: 19370101 present
TN: 19370101 present
RR: 19370101 present
PP: 19370101 present
SS: 19370101 20071031
LUECHOW
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 18900101 present
MAGDEBURG
CC: 19470101 present
HU: 19470101 20041231
TX: 19470101 present
TG: 19470101 present
TN: 19470101 present
RR: 19470101 present
PP: 19470101 present
SS: 19510101 present
MANNHEIM
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
MEININGEN
CC: 19790101 present
HU: 19790101 20041231
TX: 19790101 present
TG: 19790101 present
TN: 19790101 present
RR: 19790101 present
PP: 19790101 present
SS: 19790101 present
METTEN
RR: 18790101 20030331
MOECKMUEHL
RR: 18871101 20030331
MUEHLDORF
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
MUENCHEN
TX: 18790101 present
TG: 18790101 present
TN: 18790101 present
RR: 18790101 present
PP: 18790101 19451031
MUENSTER
TX: 18790101 present
TG: 18910101 present
TN: 18910101 present
RR: 18910101 present
PP: 19310101 19890930
NEURUPPIN
CC: 19610101 present
HU: 19610101 20041231
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
SS: 19620101 present
NORDERNEY
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
NORDLINGEN
TX: 19550101 19911231
TG: 19550101 19911231
TN: 19550101 19911231
RR: 19550101 19911231
NURBURG
CC: 19950301 present
HU: 19950301 20041231
TX: 19950301 present
TG: 19950301 present
TN: 19950301 present
RR: 19950301 present
PP: 19950301 present
SS: 19950301 present
NURNBERG
CC: 19550401 present
HU: 19550401 20041231
TX: 19550401 present
TG: 19550401 present
TN: 19550401 present
RR: 19550401 present
PP: 19550401 present
SS: 19550401 present
OBERSTDORF
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
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TX: 19580101 20001231
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TN: 19580101 20001231
RR: 19580101 20001231
PASSAU
TX: 19550101 19970131
TG: 19550101 19970131
TN: 19550101 19970131
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POTSDAM
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TG: 18760101 present
TN: 18760101 present
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REGENSBURG
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
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TITISEE
RR: 18900101 20030331
TODTMOOS
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TRIER
TX: 18790101 20011231
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TUTTLINGEN
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RR: 19730101 present

GREECE

AGRINIO
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TN: 19580101 19971231
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ANCHIALOS
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TX: 19700101 20001231
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CHANIA
TX: 19580701 20001231
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NAXOS
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RHODOS
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RR: 19780501 19951231
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SKYROS
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SOUDA
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TG: 19580701 20001231
TN: 19580701 20001231
RR: 19580101 20001231
PP: 19580701 19951231
TANAGRA
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THESSALONIKI
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TN: 19580101 19971231
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TRIPOLI
TX: 19580101 20001231
TG: 19580101 19971231
TN: 19580101 19971231
RR: 19580101 19971231

GREENLAND [DENMARK]

GODTHAAB
PP: 18750101 18801231
ILULISSAT
TX: 18770101 20051231
TG: 18770101 20051231
TN: 18730701 20051231
RR: 18730701 19911031
TASILLAQ
TX: 18971001 present
TG: 18971001 present
TN: 18941001 present
RR: 18971001 present
PP: 18940101 19951231

HUNGARY

BAJA
TX: 19730401 20071031
TG: 19730401 20060430
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RR: 19730201 20071031
BEKESCSABA
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TN: 19730501 20060531
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BUDAPEST
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TG: 19010101 present
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GYOR
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
KECSKEMET
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TN: 19730301 20071031
KEKESTETO
TX: 19730301 20060531
TG: 19730301 20060430
TN: 19730301 20060531
RR: 19730301 20060430
MISKOLC
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RR: 19580101 20001231
NYIREGYHAZA
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PAPA
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RR: 19730201 20060430
PECS POGANY
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SZOMBATHELY
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ICELAND

DALATANGI
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EYRARBAKKI
RR: 18800601 present
REYKJAVIK
TX: 18841101 present
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STYKKISHOLMUR
TX: 19510101 present
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TEIGARHORN
TX: 18721101 20051231
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VESTMANNAEYJAR
TX: 19510101 present
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IRELAND

ACLARE
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ARDNACRUSHA
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ARKLOW
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ATHLONE O.P.W.
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BALLINGEARY
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BALLYDUFF
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RR: 19410101 20060331
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RR: 19431001 20051231
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TX: 19710501 present
TG: 19710501 present
TN: 19710501 present
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SD: 19930901 20010331
SS: 19660101 20060831
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BALLYVOURNEY
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BANAGHER
RR: 19410101 present
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BEAUFORT
RR: 19410101 20060331
BELLACORRICK
TX: 19610101 20050131
TG: 19610101 20050131
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BELLE LAKE
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BELMULLET
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RR: 19410101 20060331
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RR: 19480101 20060331
CLOUGHJORDAN
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COLLON
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COOLANEY
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CROSSMOLINA
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CRUSHEEN
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DRUMSHANBO
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GLENGARRIFF
TX: 19750501 20060228
TG: 19750501 20060228
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SS: 19750701 19950630
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TG: 19610101 20060331
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GLENVICKEE
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RR: 19410101 20051231
KINLOUGH
RR: 19451101 20060331
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RR: 19420101 present
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KNOCKADERRY RESV.NO.2
RR: 19410101 20060331
KNOCKNAGOSHEL
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RR: 18610101 20051231
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LEIXLIP
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TG: 19610101 20060331
TN: 19610101 20060331
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LYREACRUMPANE
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M. BALLAGHBEAMA GAP
RR: 20010801 20051231
M. BALLINATONA
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M. BALLINGEARY
RR: 20010801 20051231
M. BALLYVOURNEY
RR: 20010801 20051231
M. BEENREAGH MTN.
RR: 20010801 20051231
M. CUMMERAGH
RR: 20010801 20051231
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RR: 20010801 20051231
M. CUMMERAGH NO.4
RR: 20010801 20051231
M. CUMMERAGH NO.5
RR: 20010801 20051231
M. DUFF HILL
RR: 20010801 20051231
M. DUNDALK
RR: 20010801 20051231
M. GLENMALURE
RR: 20010801 20051231
M. GLENTORNAN
RR: 20011001 20051231
M. GREENCASTLE
RR: 20010801 20051231
M. INCHIGEELAGH
RR: 20010801 20051231
M. LOUGH ESKE
RR: 20010801 20051231
M. MOANBANE NO. 1
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M. MOANBANE NO.4
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M. OOLAGH MTN.
RR: 20010801 20051231
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RR: 20010801 20051231
M. RATHDRUM)
RR: 19430101 20051231
M. SALLY GAP
RR: 20010801 20051231
M. WICKLOW GAP
RR: 20010801 20051231
MACROOM
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MALIN HEAD
CC: 19550501 present
HU: 19550501 20060531
TX: 19550101 present

TG: 19550101 present
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PP: 19550501 present
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MALLOW
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MARKREE CASTLE
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TG: 19660101 19981031
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MEELICK
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MILLTOWN
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MOATE
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MONEYSTOWN
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MOONCOIN
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MOYLOUGH
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MULLAGH
RR: 19410101 20051231

MULLINGAR
TX: 19500101 present
TG: 19500101 present
TN: 19500101 present
RR: 19410101 present

MULTYFARNHAM
RR: 19420201 present

MURROE
RR: 19430501 20051231

NAAS
RR: 19450401 present

NAVAN
RR: 19410101 20060331

NEW
RR: 19410101 20051231

NEWPORT
RR: 19530401 20041031

NOBBER
RR: 19410101 20051231

OMEATH
RR: 19410101 20060331

OOLA
RR: 19410101 20060331

OOLAGH
RR: 19480101 20060331

PARTRY
RR: 19411101 present

PETTIGO
RR: 19520601 20051231

PETTIGO
RR: 19520601 20051231

PORTLAOISE
RR: 19460601 20051130

PORTLAW
RR: 19410101 20060331

PORTUMNA O.P.W.
RR: 19410101 present

POULAPHUCA
RR: 19410101 20060331

RATHCORMAC
RR: 19440701 20000831

RATHDUFF
RR: 19410101 present

RATHGORMACK
RR: 19500901 19981231

REDHILLS
RR: 19410101 present

RING
RR: 19500901 19950831

ROCHES POINT
CC: 19551201 19910131
HU: 19551201 19901231
TX: 19551201 present
TG: 19551201 present
TN: 19551201 present
RR: 19410101 present
PP: 19551201 19901231
SD: 19551201 19901231
SS: 19551201 20040331

ROCKORRY
RR: 19410101 present

ROSSLARE
CC: 19561201 present
HU: 19561201 20060531
TX: 19561201 present
TG: 19561201 20070630
TN: 19561201 20070630
RR: 19410101 present
PP: 19561201 present
SD: 19561201 20070630
SS: 19561201 20070630

ROUNDWOOD
RR: 19410101 20060331

SCARIFF
RR: 19410101 20060331

SHANAGLISH
RR: 19430601 20060331

SHANNON
CC: 19450901 present
HU: 19450901 20060531
TX: 19450901 present
TG: 19450901 present
TN: 19450901 present
RR: 19410101 present
PP: 19450901 present
SD: 19450901 20070831
SS: 19450901 present

SHERCOCK
RR: 19420601 20051231

SHINRONE
RR: 19410101 present

SILVERMINES MTNS.
RR: 19530401 20060331

SKERRIES
RR: 19410101 present

SKREEN
RR: 19410101 20051231

SLIEVE BLOOM MTNS.
TX: 19991001 20060331
TG: 19991001 20060331
TN: 19991001 20060331
RR: 19530501 20060331

SNEEM
RR: 19410101 20060331

STILLORGAN
RR: 18810101 present

STRADBALLY
RR: 19440901 20051130

SWANLINBAR
RR: 19420601 present

TALLOW
RR: 19440701 20000831

TARELTON
RR: 19410101 20060331

TAUGHMACONNELL
RR: 19410101 20060331

TIMAHOE SOUTH
RR: 19420201 20060331

TOURNAFULLA
RR: 19411101 20051231

TRALEE
TX: 19610101 19960229
TG: 19610101 19960229
TN: 19610101 19960229
RR: 19410101 20060331
SD: 19630201 19950430
SS: 19611001 19960229

TRIM
RR: 19410101 20060331

TULLA
RR: 19410101 present

VALENTIA
CC: 19391001 present
HU: 19391001 20060531
TX: 19390101 present
TG: 19390101 present
TN: 19390101 present
RR: 19410101 present
PP: 18610101 present
SD: 19391001 present
SS: 19391001 present

WARRENSTOWN
TX: 19610101 20060331
TG: 19610101 20060331
TN: 19610101 20060331
RR: 19430101 20060331
SD: 19930901 19940630
SS: 19611001 19940630

WATERFORD
TX: 19610101 20060331
TG: 19610101 20060331
TN: 19610101 20060331
RR: 19410101 20060331
SD: 19930901 19940630
SS: 19611001 19940630

WATERVILLE OCTIVEN O.9
RR: 19480101 20060331

ISRAEL

BEER SHEVA
RR: 19210101 20050430

BET DAGAN
TX: 19630701 present
TG: 19630701 present
TN: 19630701 present
RR: 19390101 present
PP: 19640101 present

ELAT
TX: 19640101 present
TG: 19640101 present
TN: 19640101 present
RR: 19490101 present
PP: 19971001 present
SS: 19640201 present

HAR KENAAN
TX: 19640101 20041231
TG: 19640101 20041231
TN: 19640101 20041231
RR: 19390101 20050531
PP: 19650101 20041231

TX: 19640101 20041231
TG: 19640101 20041231
TN: 19640101 20041231
RR: 19080101 20050531

NAHAL HAZERIM
TX: 19670101 20031231
TG: 19670101 20031231
TN: 19670101 20031231
PP: 19980501 20031231

TEL AVIV
TX: 19640101 present
TG: 19640101 present
TN: 19640101 present
RR: 19390101 present
PP: 19941101 present

ITALY

ALA
RR: 19210101 19901231

ALBENGA
TX: 19520101 19960630
TG: 19520101 19960630
TN: 19520101 19960630
RR: 19520101 19901231

ALDENO
RR: 19210101 19901231

ALFONSINE
TX: 19510101 20001231
TG: 19510101 20001231
TN: 19510101 20001231
RR: 19510101 20001231

ALGHERO
TX: 19510101 20001231
TG: 19510101 20001231
TN: 19510101 20001231
RR: 19510101 20001231

ALGHERO
TX: 19510101 20001231
TG: 19510101 20001231
TN: 19510101 20001231
RR: 19510101 20001231

BARI
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present

BEDONIA
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19580101 20001231

BERGAMO
TX: 19520101 present
TG: 19520101 present
TN: 19520101 present
RR: 19511201 present

BEZZECCA
RR: 19210101 19901231

BIENO
RR: 19230101 19901231

BOBBIO
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19580101 20001231

BOLOGNA
TX: 18130101 present
TG: 18140101 present
TN: 18140101 present
RR: 18130101 present

BOLZANO
TX: 19510101 20071031
TG: 19510101 20071031
TN: 19510101 20071031
RR: 19510101 20071031

BORGO VALSUGANA
RR: 19210101 19901231

BOSCO
TX: 19580101 20001231
TG: 19610101 19981231
TN: 19610101 19981231
RR: 19580101 19981231

BRENTONICO
RR: 19210101 19901231

BRESCIA
TX: 19510501 present
TG: 19510501 present
TN: 19510501 present
RR: 19510501 present

BRINDISI
CC: 19990101 present
HU: 19990101 20050331
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 19990101 present
SD: 19990101 present
SS: 19990101 present

CAGLIARI
CC: 19990101 present
HU: 19990101 20050228
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 19990101 present
SD: 19990101 present
SS: 19990101 present

CAMPO CARLO MAGNO
RR: 19750101 19901231

CAMPOBASSO
TX: 19590101 present
TG: 19590101 present
TN: 19590101 present
RR: 19590101 present

CAORIA
RR: 19210101 19901231

CAPO BELLAVISTA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present

CAPO CARBONARA
TX: 19510101 19960630
TG: 19510101 19960630
TN: 19510101 19960630
RR: 19510101 19960630

CAPO FRASCA
TX: 19620301 present
TG: 19620301 present
TN: 19620301 present
RR: 19620301 present

CAPO MELE
TX: 19631101 present
TG: 19631101 present
TN: 19631101 present
RR: 19631101 present

CAPO PALINURO
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present

CAPO S
TX: 19530101 19960630
TG: 19530101 19960630
TN: 19530101 19960630
RR: 19530101 19960630

CARESER
RR: 19300101 19901231

CATANIA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present

CAVALESE
RR: 19210101 19901231

CENTA
RR: 19290101 19901231

CERVIA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231

CLES
RR: 19210101 19901231

COGOLO PONT
RR: 19290101 19901231
COSTABRUNELLA
RR: 19210101 19960630
COZZO SPADARO
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
CROTONE
TX: 19510101 20060228
TG: 19510101 20060228
TN: 19510101 20060228
RR: 19510101 20010331
DECIMOMANNU
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
DENNO
RR: 19210101 19901231
DOBBIACO
TX: 19530101 19960630
TG: 19530101 19960630
TN: 19530101 19960630
RR: 19530101 19960630
FALCONARA
TX: 19600401 present
TG: 19600801 present
TN: 19600401 present
RR: 19600101 present
FERRARA
RR: 18790101 present
FLORENCE
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
FOGGIA
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
FONDO
RR: 19210101 19901231
FONNI
TX: 19510701 19960630
TG: 19510701 19960630
TN: 19510701 19960630
RR: 19540101 19960630
FORLI
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
FRONTONE
TX: 19540401 19960630
TG: 19540401 19960630
TN: 19540401 19960630
RR: 19540401 19960630
FROSINONE
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19630101 20001231
GELA
TX: 19650801 present
TG: 19650801 present
TN: 19650801 present
RR: 19650801 present
GENOA
RR: 18330101 20021231
GENOVA
TX: 19580101 20001231
TG: 19620101 20001231
TN: 19620101 20001231
RR: 19620101 20001231
GROSSETO
TX: 19510501 present
TG: 19510501 present
TN: 19510501 present
RR: 19510501 present
GUARDIAVECCHIA
TX: 19510101 20021031
TG: 19510101 20021031
TN: 19510101 20021031
RR: 19510101 20021031
LATRONICO
RR: 19530101 present
LAVARONE
RR: 19210101 19901231
LAVIS
RR: 19210101 19901231
LAZZARO ALBERONI
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19580101 20001231
LIGONCHIO
TX: 19580101 20001231
TG: 19610101 19981231
TN: 19610101 19981231
RR: 19610101 20001231
MALGA BISSINA
RR: 19600101 19901231
MALGA BOAZZO
RR: 19600101 19901231
MANTOVA
RR: 18400101 20031231
MARINA DI GINOSA
TX: 19661101 present
TG: 19661101 present
TN: 19661101 present
RR: 19661101 present
MESSINA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
MEZZANA
RR: 19210101 19901231
MEZZOLOMBARDO
RR: 19210101 19901231
MILAN
TX: 17630101 present
TG: 17630101 present
TN: 17630101 present
RR: 18580101 present
PP: 18500101 19981231
MILANO
TX: 17630101 present
TG: 17630101 present
TN: 17630101 present
RR: 18580101 present
MOENA
RR: 19210101 19901231
MONDOVI
TX: 19520101 19960630
TG: 19520101 19960630
TN: 19520101 19960630
RR: 19520101 19960630
MONTAGNE
RR: 19250101 19901231
MONTE BISBINO
TX: 19520101 19960630
TG: 19520101 19960630
TN: 19520101 19960630
RR: 19520101 19960630
MONTE BONDONE
RR: 19260101 19901231
MONTE CIMONE
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
MONTE SCURO
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
MONTE TERMINILLO
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 20061031
MONTEOMBRARO
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
MONZUNO
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
NAPOLI
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
NOVARA
TX: 19510101 19960630
TG: 19510101 19960630
TN: 19510101 19960630
RR: 19510101 19960630
OLBIA COSTAS MERALDA
TX: 19690801 19960630
TG: 19690801 19960630
TN: 19690801 19960630
RR: 19690801 19960630
PADOVA
TX: 17250101 19970531
TG: 17250101 19970531
TN: 17740101 19970531
RR: 19510101 19901231
PADUA
PP: 18500101 19971231
PAGANELLA
TX: 19510101 20001231
TG: 19510101 20001231
TN: 19510101 20001231
RR: 19510101 20001231
PALERMO
TX: 17970101 20021231
TG: 18650101 20021231
TN: 18650101 20021231
RR: 17970101 present
PP: 18530101 18801231
PANTELLERIA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PARMA
TX: 19510101 19960630
TG: 19510101 19960630
TN: 19510101 19960630
RR: 19510101 19781231
PASSO MENDOLA
RR: 19210101 19901231
PASSO PORRETTA
TX: 19630901 19960630
TG: 19630901 19960630
TN: 19630901 19960630
RR: 19630901 19960630
PASSO ROLLE
TX: 19510101 19960630
TG: 19510101 19960630
TN: 19510101 19960630
RR: 19210101 19960630
PASSO TONALE
RR: 19230101 19901231
PEIO
RR: 19210101 19901231
PERDASDEFOGU
TX: 19610601 19960630
TG: 19610601 19960630
TN: 19610601 19960630
RR: 19610601 19960630
PERGINE
RR: 19210101 19901231
PERUGIA
TX: 19670601 20060228
TG: 19670601 20060228
TN: 19670601 20060228
RR: 19670601 20020731
PESCARA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
PIACENZA S
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PIAN ROSA
TX: 19520201 present
TG: 19520201 present
TN: 19520201 present
RR: 19530101 19960630
PINZOLO
RR: 19210101 19901231
PISA
TX: 19510101 20001231
TG: 19510101 20001231
TN: 19510101 20001231
RR: 19510101 20001231
PONTARSO
RR: 19210101 19901231
PONZA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PORRETTA TERME
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
POTENZA
TX: 19510101 20070131
TG: 19510101 20070131
TN: 19510101 20070131
RR: 19510101 20070131
POZZOLAGO
RR: 19210101 19901231
PREDAZZO
RR: 19210101 19901231
PRIZZI
TX: 19580101 20001231
TG: 19590101 20001231
TN: 19590101 20001231
RR: 19590101 20001231
PUNTA MARINA
TX: 19510101 20001231
TG: 19510101 20001231
TN: 19510101 20001231
RR: 19510101 20001231
RAOSSIFOXI
RR: 19220101 19901231
REGGIO CALABRIA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RIMINI
TX: 19510101 20001231
TG: 19510101 20001231
TN: 19510101 20001231
RR: 19510101 20001231
ROMA
CC: 19990101 present
HU: 19990101 20050331
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 18690101 present
SD: 19990101 present
SS: 19990101 present
RONCHI LEGIONARI
TX: 19670101 19960630
TG: 19670101 19960630
TN: 19670101 19960630
RR: 19670101 19960630
RONZO
RR: 19250101 19901231
S. MARTINO DI CASTROZZA
RR: 19210101 19901231
S. VALENTINO MUTA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
SAN MARIA DI LEUCA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 20071031
SANTORSOLA
RR: 19230101 19901231
SPORMAGGIORE
RR: 19210101 19891231
STENICO
RR: 19210101 19901231
STORO
RR: 19610101 19901231
TARVISIO
TX: 19510101 19960630
TG: 19510101 19960630
TN: 19510101 19960630
RR: 19510101 19960630
TENNA
RR: 19500101 19901231
TERRAGNOLO
RR: 19230101 19901231
TIONE
RR: 19210101 19901231
TONADICO
RR: 19260101 19901231
TORBOLE
RR: 19650101 19901231
TORINO
TX: 19520101 20001231
TG: 19520101 20001231
TN: 19520101 20001231
RR: 19520101 20001231
TORINO
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
TRAPANI
TX: 19611101 present
TG: 19611101 present
TN: 19611101 present
RR: 19611101 present
TRENTO
RR: 19210101 19901231
TREVICO
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
TREVISO
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present

TRIESTE
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
TURIN
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
UDINE
TX: 19690201 20060228
TG: 19690201 20060228
TN: 19690201 20070930
RR: 19690201 20070331
USTICA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
VENEZIA
TX: 19560101 present
TG: 19610101 present
TN: 19560101 present
RR: 19610101 present
VERONA
CC: 19990101 present
HU: 19990101 20050331
TX: 18680101 present
TG: 19510101 present
TN: 19510101 present
RR: 18680101 present
PP: 19990101 present
SD: 19990101 present
SS: 19990101 present
VICENZA
TX: 19510101 19960630
TG: 19510101 19960630
TN: 19510101 19960630
RR: 19510101 19960630
VITERBO
TX: 19600101 present
TG: 19600101 present
TN: 19600101 present

LATVIA
AIZPUTE
RR: 19660201 19870630
ALUKSNE
TX: 19450601 20050630
TG: 19450601 20050630
TN: 19450601 20050630
RR: 19450601 20041231
AUCE
RR: 19410101 19811130
BAUSKA
TX: 19961001 19961130
TN: 19970501 19990930
RR: 19590701 19951231
DAGDA
TX: 19960801 19981231
TN: 19960501 19970831
RR: 19550101 19951231
DAUGAVPILS
TX: 19470201 20050630
TG: 19470201 20050630
TN: 19470201 20050630
RR: 19470201 20050630
DOBELE
TN: 19960801 19971130
RR: 19590701 19951231
GAUYENA
RR: 19590701 19871231
GULBENE
TX: 19220101 20011231
TG: 19010101 19991231
TN: 19010101 19991231
RR: 19010101 19991231
KOLKA
TX: 19241001 present
TG: 19241001 present
TN: 19250101 present
RR: 19241001 present
LIEPAJA
TX: 19230101 present
TG: 19230101 present
TN: 19230101 present
RR: 19240101 present
MADONA
RR: 19761101 19871231
MERSRAGS
TX: 19950101 20010831
TG: 19950101 20010831
TN: 19950101 20010831
RR: 19660201 20010831
PAVILOSTA
TN: 19991201 20000131
RR: 19550401 19951231
PRIBALTIISKAJA
TX: 19950101 19960430
TN: 19950101 19990831
RR: 19450501 19951231
PRIEKULI
TX: 19950101 19970331
TN: 19950101 19970331
RR: 19660201 19951231
REZEKNE
RR: 19550101 19920229
RIGA
TX: 19230101 present
TG: 19230101 present
TN: 19230101 present
RR: 19230101 present
PP: 18500101 19901231
RUCAVA
RR: 19590701 19971231
RUHNU
TX: 20030801 20050630
TN: 20030901 20050630
RR: 19560101 20050630
RUJENA
TX: 19950101 19970331
TN: 19950101 19960430
RR: 19660201 19951231
SALDUS
TX: 19450701 20050630
TG: 19450701 20050630
TN: 19450701 20050630
RR: 19450701 20041231
SKRIVERI
TN: 19960701 19990930
RR: 19590701 19951231
SKULTE
TX: 19950101 19970331
TN: 19950101 19960430
RR: 19590701 19951231
STENDE
RR: 19660201 19920229
SYRVE
TX: 20010701 present
TG: 20010701 present
TN: 20010701 present
RR: 19590101 present
VALGA
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 20050630
VENTSPILS
TX: 19950101 20010831
TG: 19950101 20010831
TN: 19950101 20010831
RR: 18810101 20010831
VILJAKA
RR: 19660201 19920229
YELGAVA
TX: 19950101 19970331
TN: 19950101 19991231
RR: 19590101 19961231
ZILANI
TN: 19961001 19990731
RR: 19590701 19951231

LEBANON
BEIROET
PP: 18690101 18811231

LIECHTENSTEIN
BALZERS
TX: 19380101 present
TG: 19380101 present
TN: 19380101 present
RR: 19380101 present
VADUZ
TX: 19380101 present
TG: 19380101 present
TN: 19380101 present

LITHUANIA
BIRZAI
TX: 19700101 present
TG: 19590101 present
TN: 19700101 present
RR: 19590101 present
DOTNUVA
RR: 19640101 19920131
DUKSTAS
TX: 20010701 20011031
TN: 20010701 20011031
RR: 19761101 20011031
KAUNAS
HU: 19761101 20041231
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19010101 present
SS: 19240101 20041231
KIMBARTAY
TX: 19950101 20020930
TG: 19950101 20020930
TN: 19950101 20020930
RR: 19590101 20020930
KLAIPEDA
TX: 19290101 present
TG: 19290101 present
TN: 19290101 present
RR: 19230101 present
LAUKUVA
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19590701 present
LAZDIJAI
TX: 19700101 20041231
TG: 19360101 20041231
TN: 19700101 20041231
RR: 19360101 20041231
NIDA
TX: 20010701 20020930
TN: 20010701 20020930
RR: 19590101 20020930
PALANGA
TX: 20000301 20011031
TN: 20000301 20010930
RR: 19590701 19971231
PANEVEZHIS
TX: 19950101 20011031
TG: 19950101 20011031
TN: 19950101 20011031
RR: 19590101 20011031
RACEINAY
TX: 19950101 20011031
TG: 19950101 20011031
TN: 19950101 20011031
RR: 19590101 20011031
SHILUTE
TX: 19950101 20011031
TG: 19950101 20011031
TN: 19950101 20011031
RR: 19590701 20011031
SIAULIAI
HU: 19930101 20041231
TX: 19370101 present
TG: 19370101 present
TN: 19370101 present
RR: 19370101 present
SOVETSK
RR: 19590701 19960630
TELCHAJ
RR: 19590101 19920131
TURAGE
RR: 19590101 19871231
UKMARGE
TX: 20010701 20011031
TN: 20010701 20011031
RR: 19250101 20011031
UTENA
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19590101 present
VARENA
TX: 19950101 20011031
TG: 19950101 20011031
TN: 19950101 20011031
RR: 19590101 20011031
VEJAYCHAY
RR: 19761101 19920131
VILNIUS
TX: 18810101 present
TG: 18810101 present
TN: 18900101 present
RR: 18810101 present
PP: 18670101 19901231

LUXEMBOURG
ALTRIER
RR: 19470101 present
ARSDORF
RR: 19540101 20041231
BELVAUX
RR: 19470101 present
BETTBORNPRATZ
RR: 19540101 20041231
CALMUS
RR: 19540101 20041231
CLERVAUX
RR: 19540101 20041231
ERMSDORF
RR: 19540101 20041231
KEHMEN
RR: 19540101 20041231
KOERICH
RR: 19540101 20041231
LORENTZWEILER
RR: 19540101 20041231
LUXEMBOURG
HU: 20000101 20061130
TX: 19470101 present
TG: 19470101 present
TN: 19470101 present
RR: 19470101 present
SD: 20000101 present
SS: 20000101 20061130

MACEDONIA, REPUBLIC
PRILEP
TG: 19490101 20071031
RR: 19490101 20071031
SKOPJE
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present

MALTA
MALTA
PP: 18520101 18801231

MOLDOVA, REPUBLIC
BELCATA
RR: 19570101 19921231
BELCY
TX: 19950101 20041130
TN: 19950101 20041130
RR: 19450101 20031231
BRATUSHANI
RR: 19590701 19810331
BRAVICY
RR: 19590701 19921231
CADIRLUNGA
RR: 19561201 19921231
DUBOSSARY
RR: 19570101 19921231
FALESTI
RR: 19450101 20031231
KAGUL
RR: 19580101 19921231
KAMENKA
TX: 19950101 20041130
TN: 19950101 20041130
RR: 19590701 20031231
KARPINENI
RR: 19590701 19870131
KOMRAT
TX: 19950101 20041130
TN: 19950101 20041130
RR: 19450601 20031231
KORNESTY
TX: 19950101 20041130
TN: 19950101 20041130
RR: 19590701 20031231
LEOVO
TX: 19950101 20041130
TN: 19950101 20041130
RR: 19590701 20031231
OLONESHTI
RR: 19490501 19801231
RIBNICA
RR: 19630501 19921231
SOROKI
TX: 19950101 20041130
TN: 19950101 20041130
RR: 19450801 20031231
TIRASPOL
RR: 19360101 19921231

MOROCCO
AL HOCEIMA
RR: 19730601 present
BENIMELLAL
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
RR: 19730601 present
CASABLANCA
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730601 present
ERRACHIDIA
RR: 19740201 present

ESSAOUIRA
RR: 19730601 20071031
FESSAIS
RR: 19730601 present
MARRAKECH
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730101 present
MEKNES
RR: 19730601 present
MIDELT
RR: 19730601 present
NOUASSEUR
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
RR: 19730501 present
OUARZAZATE
TX: 19650901 present
TG: 19650901 present
TN: 19650901 present
RR: 19730601 present
OUJDA
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730601 present
RABATSALE
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730101 present
SAFI
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730601 present
TANGER
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730101 present
TAZA
RR: 19730601 present

NETHERLANDS

ALMEN
RR: 19510101 20050531
SD: 19560101 20050531
ANDEL
RR: 19510101 present
SD: 19560101 20050531
ANNA PAULOWNA
RR: 18510101 present
SD: 19560101 20050531
APELDOORN
RR: 18670301 present
SD: 19560101 20050531
APPELSCHA
RR: 19510101 present
SD: 19560101 20050531
ARCEN
HU: 19900601 20050531
TX: 19900701 present
TG: 19900701 present
TN: 19900701 present
SS: 19910201 20050531
BARNEVELD
RR: 18670301 present
SD: 19560101 20050531
BEESEL
RR: 18690101 present
SD: 19560101 20050531
BERGUMERDAM
RR: 19511001 present
SD: 19560101 20050531
BERKHOUT
HU: 19990301 20050531
TX: 19990301 present
TG: 19990301 present
TN: 19990301 present
RR: 18830101 present
SD: 19560101 20050531
SS: 19990301 20050531
BEVERWIJK
RR: 18670101 present
CABAUW
HU: 19010101 20050531
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
PP: 18500101 present
SS: 19010101 20050531
CULEMBORG
RR: 19060101 present
SD: 19560101 20070430
DE BILT
CC: 19510101 present
HU: 19010101 20050531
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19060101 present
PP: 18500101 present
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SS: 19010101 20050531
DE COCKSDORPS
RR: 19510101 20050531
SD: 19560101 20050531
DE KOOG
RR: 18510101 present
SD: 19560101 20050531
DE KOOY
CC: 19510101 present
HU: 19060101 20050531
TX: 19060101 present
TG: 19060101 present
TN: 19060101 present
RR: 18510101 present
PP: 19060101 present
SD: 19580401 20050531
SS: 19080901 20050531
DEDEMSVAART
RR: 19510101 present
SD: 19560101 20050531
DEELEN
CC: 19520701 present
HU: 19710101 20050531
TX: 19520701 present
TG: 19520701 present
TN: 19530101 present
RR: 19510101 present
PP: 19520701 present
SS: 19630101 20050531
DELFZIJL
RR: 19510101 present
SD: 19560101 present
DEN OEVER
RR: 18510101 present
SD: 19560101 20050531
DINTHER
RR: 18690101 present
SD: 19560101 20050531
DIRKSLAND
RR: 18780101 20050531
SD: 19560101 20050531
DOETINCHEM
RR: 19510101 20060228
SD: 19560101 20050531
ECHT
RR: 18690101 present
SD: 19560101 20050531
EELDE
CC: 19510101 present
HU: 19060301 20050531
TX: 19060101 present
TG: 19060101 present
TN: 19060101 present
RR: 18470101 present
PP: 19060101 present
SD: 19560101 20050531
SS: 19060101 20050531
EEXT
RR: 18470101 present
SD: 19560101 20050531
EIJSDEN
RR: 19510101 20050531
EINDHOVEN
HU: 19710101 20050531
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 18690101 present
PP: 19510101 present
SS: 19780101 20050531
ELBURG
RR: 18670301 present
SD: 19560101 20050531
ELL
CC: 19850101 present
HU: 19850101 20060228
TX: 19531201 present
TG: 19531201 present
TN: 19531201 present
SS: 19850101 20060228
ENKHUIZEN
RR: 18830101 present
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ESBEEK
RR: 19510101 present
SD: 19560101 20050531
GILZERIJEN
CC: 19510101 present
HU: 19710101 20050531
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 19510101 present
SD: 19560101 20050531
SS: 19511101 20050531
GROOT AMMERS
RR: 19320101 present
SD: 19560101 20050531
HAAMSTEDE
RR: 18780101 present
SD: 19560101 20070430
HEERDE
RR: 18920101 present
SD: 19560101 20050531
HEINO
HU: 19930601 20050531
TX: 19891001 present
TG: 19891001 present
TN: 19891001 present
SS: 19930701 20050531
HELMOND
RR: 18690101 present
SD: 19560101 20050531
HERWIJNEN
HU: 19860401 20050531
TX: 19860401 present
TG: 19860401 present
TN: 19860401 present
SS: 19910201 20050531
HOEK VAN HOLLAND
HU: 19561001 20050531
TX: 19561001 present
TG: 19561001 present
TN: 19561001 present
PP: 19561001 present
SS: 19780101 20050531
HOOGERHEIDE
RR: 18880101 20060531
SD: 19560101 20060531
HOOGEVEEN
CC: 20001101 present
HU: 19890901 20050531
TX: 19891001 present
TG: 19891001 present
TN: 19891001 present
RR: 19510101 present
PP: 19891001 present
SD: 19560101 20050531
SS: 19910201 20050531
HUPSEL
HU: 19891001 20050531
TX: 19891001 present
TG: 19891001 present
TN: 19891001 present
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IJSSELMONDE
RR: 19320101 present
SD: 19560101 20050531
IJSSELMUIDEN
RR: 18920101 present
SD: 19560101 20070430
KAPELLEBRUG
RR: 19050101 present
SD: 19560101 20070430
KERKWERVE
RR: 18780101 present
SD: 19560101 20070430
KLAZIENAVEEN
RR: 18910101 20070731
SD: 19560101 present
KLUNDERT
RR: 18880101 20050531
SD: 19560101 20050531
LAUWERSOOG
HU: 19910301 20050531
TX: 19910301 present
TG: 19910301 present
TN: 19910301 present
SS: 19910301 20050531
LEEUWARDEN
HU: 19510101 20050531
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19511001 present
PP: 19510101 present
SD: 19560101 20050531
SS: 19550901 20050531
LELYSTAD
CC: 20021001 present
HU: 19900101 20050531
TX: 19900101 present
TG: 19900101 present
TN: 19900101 present
PP: 19920701 present
SS: 19910201 20050531
LEMMER
RR: 19410801 present
SD: 19560101 20070430
LETTELE
RR: 18920101 present
SD: 19560101 20050531
LIEVELDE
RR: 18800101 present
LOENEN AAN DE VECHT
RR: 18670101 present
SD: 19560101 20070430
MAASTRICHT
CC: 19510101 present
HU: 19060101 20050531
TX: 19060101 present
TG: 19060101 present
TN: 19060101 present
RR: 19510101 present
PP: 19060101 present
SD: 19560101 present
SS: 19060101 20050531
MAKKUM
RR: 19510101 present
SD: 19560101 20050531
MARKELO
RR: 19510101 present
SD: 19560101 20050531
MARKEN
RR: 18830101 present
MARKNESSE
HU: 19890901 20050531
TX: 19890101 present
TG: 19890101 present
TN: 19890101 present
RR: 19510101 present
SD: 19560101 20070430
SS: 19930901 20050531
MEDEMBLIK
RR: 18830101 present
SD: 19560101 20050531
NIEUW BEERTA
HU: 19900101 20050531
TX: 19900101 present
TG: 19900101 present
TN: 19900101 present
SS: 19910201 20071031
NIJBEETS
RR: 19510101 present
SD: 19560101 20050531
NIJMEGEN
RR: 19510101 present
SD: 19560101 20050531
NOORBEEK
SD: 19560101 present
NULAND
RR: 19510101 present
SD: 19560101 20050531
NUMANSDORP
RR: 18880101 present
SD: 19560101 20050531
OOSTERHOUT
RR: 18880101 present
SD: 19560101 20050531
OOSTVAARDERSDIEP
RR: 19320101 present
OOSTVOORNE
RR: 19320101 present
SD: 19560101 20050531
OUD ALBLAS
RR: 19320101 present
SD: 19560101 20050531
OUDDORP
RR: 18780101 present
SD: 19560101 20050531
OUDENBOSCH
RR: 18880101 20050531
SD: 19560101 20050531
OVEZANDE
RR: 18550101 present
SD: 19560101 20070430
PETTEN
RR: 18510101 present
SD: 19560101 20050531
PHILIPPINE
RR: 18550101 present
SD: 19560101 20070430
POORTUGAAL
RR: 19320101 present
SD: 19560101 20050531
PUTTEN
RR: 18670301 present
SD: 19560101 20050531

RODEN
RR: 18470101 present
SD: 19560101 20050531
ROELOFARENDSVEEN
RR: 18670101 present
SD: 19560101 20050531
ROERMOND
RR: 18690101 present
ROTTERDAM
CC: 19510101 present
HU: 19561001 20050531
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
PP: 19510101 present
SS: 19510901 20050531
SCHAESBERG
RR: 19510101 present
SD: 19560101 20050531
SCHELLINGWOUDE
RR: 18670101 present
SD: 19560101 20050531
SCHIPHOL
CC: 19510101 present
HU: 19510101 20050531
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 18670101 present
PP: 19510101 present
SD: 19560101 20050531
SS: 19630101 20050531
SCHOONDIJKE
RR: 18550101 present
SD: 19560101 20050531
SCHOONLOO
RR: 18910101 present
SD: 19560101 20050531
SEVENUM
RR: 18690101 present
SD: 19560101 20050531
SOESTERBERG
CC: 19510101 present
HU: 19010101 20050531
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
PP: 18500101 present
SS: 19010101 20050531
SOMEREN
RR: 18690101 present
SD: 19560101 20050531
STAVOREN
CC: 20021101 present
HU: 19901101 20050531
TX: 19900701 present
TG: 19900701 present
TN: 19900701 present
SS: 19930801 20050531
SWIFTERBANT
RR: 19510101 present
TER APEL
RR: 18910101 20070731
SD: 19560101 present
TERNAARD
RR: 19510101 present
TERSCHELLING
CC: 20021101 present
HU: 19940501 20050531
TX: 19940501 present
TG: 19940501 present
TN: 19940501 present
RR: 18760101 present
PP: 19940501 present
SD: 19560101 20050531
SS: 19940501 20050531
THOLEN
RR: 18880101 present
SD: 19560101 20070430
TIEL
RR: 19510101 present
SD: 19560101 20050531
TOLLEBEEK
RR: 19410801 present
TWENTHE
HU: 19710101 20050531
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 19510101 present
SD: 19560101 20050531
SS: 19710101 20050531
VALKENBURG
RR: 19510101 present
SD: 19560101 present
VALKENBURG
CC: 19510101 present
HU: 19561001 20050531
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 18670101 present
PP: 19510101 present
SD: 19560101 20050531
SS: 19510901 20050531
VENLO
RR: 18690101 present
SD: 19560101 20050531
VLAGTWEDDE
RR: 18910101 present
SD: 19560101 20070430
VLIELAND
HU: 19950901 20050531
TX: 19950901 present
TG: 19950901 present
TN: 19960101 present
PP: 19950901 present
VLISSINGEN
CC: 19510101 present
HU: 19060101 20050531
TX: 19060101 present
TG: 19060101 present
TN: 19060101 present
RR: 18550101 present
PP: 19060101 present
SD: 19560101 20070430
SS: 19070101 20050531
VOLKEL
HU: 19710101 20050531
TX: 19510301 present
TG: 19510301 present
TN: 19510301 present
PP: 19510301 present
SS: 19930101 20050531
WARFFUM
RR: 18470101 present
SD: 19560101 20050531
WEERSELO
RR: 19510101 present
SD: 19560101 20050531
WEESP
RR: 18670101 present
SD: 19560101 20070430
WESTDORPE
HU: 19930601 20050531
TX: 19531201 present
TG: 19531201 present
TN: 19531201 present
RR: 19050101 present
SD: 19560101 20070430
SS: 19910601 20050531
WIJK AAN ZEE
HU: 19510101 20050531
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
SS: 19630101 20050531
WILHELMINADORP
HU: 19060101 20050531
TX: 19060101 present
TG: 19060101 present
TN: 19060101 present
RR: 18550101 present
SD: 19560101 20070430
SS: 19070101 20050531
WINTERSWIJK
RR: 18800101 present
SD: 19560101 20050531
WOENSDRECHT
HU: 19561001 20050531
TX: 19561001 present
TG: 19561001 present
TN: 19561001 present
PP: 19561001 present
WOUDENBERG
RR: 18670301 present
SD: 19560101 20070430
ZAANDIJK
RR: 18670101 present
SD: 19560101 20050531
ZANDVOORT
RR: 18670101 present
SD: 19560101 20050531
ZEERIJP
RR: 18470101 20070930
SD: 19560101 20050531
ZOUTKAMP
RR: 19510101 present
SD: 19560101 20050531
ZUNDERT
RR: 18880101 present
SD: 19560101 20060531
ZWEELO
RR: 18910101 present
SD: 19560101 20050531

NORWAY

ANDOYA
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
BARDUFOSS
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
BARKESTAD
RR: 19000101 20051231
BERGEN
TX: 19730101 present
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TN: 19730101 present
RR: 20020101 present
PP: 18680101 present
BJOERNOEYA
TX: 19100801 present
TG: 19100801 present
TN: 19100801 present
RR: 19100801 present
PP: 20020101 present
BODOE
TX: 20020101 present
TG: 20020101 20071031
TN: 20020101 20071031
RR: 20020101 present
PP: 18680101 present
BULKEN
RR: 19010101 20041231
FAERDER FYR
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 20020101 present
PP: 20020101 present
FOKSTUA II
TX: 19570101 19680531
TG: 19570101 19680531
TN: 19570101 19680531
RR: 19570101 19680531
FRUHOLMEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
GARDERMOEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
GLOMFJORD
TX: 19550101 present
TG: 19430101 present
TN: 19430101 present
RR: 20020101 20070731
HALDEN
RR: 19010101 20070930
HOPEN
TX: 19480101 present
TG: 19450101 present
TN: 19450101 present
RR: 20020101 present
PP: 20020101 present
JAN MAYEN
TX: 19560101 present
TG: 19560101 present
TN: 19560101 present
RR: 20020101 present
PP: 19220101 present
KARASJOK
TX: 19510101 present
TG: 19430101 present
TN: 19430101 present
RR: 20020101 present
PP: 20020101 present
KJOBLI I
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
KJOEREMSGRENDE
TX: 19540101 20041231
TG: 19540101 20041231
TN: 19540101 20041231
RR: 20020101 20041231
KONGSBERG IV
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
LIEN I
RR: 19000101 20061031
LINDESNES FYR
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
LISTA FYR
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231RR: 19580101
20001231*LYNGOR FYR*
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
MESTAD
RR: 19000101 20041231
NEDSTRAND
RR: 19570101 20021231
NESBYEN
TX: 19540101 20041231
TG: 19430101 20041231
TN: 19430101 20041231
RR: 20020101 20041231
PP: 20020101 20041231
NORD ODAL
RR: 19000101 20041231
OKSOEY FYR
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
RR: 19730101 20071031
PP: 18700101 present
ONA II
TX: 19780901 present
TG: 19780901 present
TN: 19780901 present
RR: 19780901 20040229
ORLAND
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
OSLO
TX: 19380101 present
TG: 19380101 present
TN: 19380101 present
RR: 20020101 present
PP: 20020101 present
RENA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
ROROS
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
RUSTFJELBMA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
SAMNANGER
RR: 19010101 19991231
SAUDA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
SIHCAJAVRI
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
SKROVA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
SLETNES
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
SOLA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
SUOLOVUOPMI
RR: 20020101 20041231

SVALBARD
TX: 19750101 20071031
TG: 19750101 20071031
TN: 19750101 20071031
RR: 19080101 present
PP: 20020101 present
SVINOY
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
TAFJORD
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
TAKLE
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
TORUNGEN FYR
TX: 19370101 present
TG: 19370101 present
TN: 19370101 present
RR: 19370101 present
TROMSO
TX: 19310101 19590331
TG: 19310101 19590331
TN: 19310101 19590331
RR: 19310101 19590331
TVEITSUND
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
UTSIRA FYR
TX: 19430101 present
TG: 19430101 present
TN: 19430101 present
RR: 20020101 present
PP: 20020101 present
VAERNES
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
VARDOE
TX: 19510101 20071031
TG: 19510101 20071031
TN: 19510101 20071031
RR: 20020101 present
PP: 18610101 present

POLAND

BIALYSTOK
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
BIELSKOBIALA
TX: 19610101 present
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RR: 19610101 present
PP: 19610101 present
CHOJNICE
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
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PP: 19610101 present
CZARNY DUNAJEC
RR: 19540101 19811231
DOLINACHOCHOLOWSKA
RR: 19540101 19811231*ELBLAG*
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 18910101 present
PP: 19610101 present
GORZOW WLKP
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
HALA GASIENICOWA
RR: 19540101 19811231
HEL
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 19610101 present
JABLONKA
RR: 19550101 19811231
JASTRZEBIA
RR: 19540101 present
KALISZ
TX: 19510101 19981231
TG: 19510101 19981231
TN: 19510101 19981231
RR: 19730101 present
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RR: 19540101 19811231
KATOWICE
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PP: 19610101 present
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KIELCE
TX: 19610101 present
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KRAKOW
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RR: 19540101 19811231
LACKO
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LAPSZE NIZNE
RR: 19540101 19811231
LEBA
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LYSA POLANA
RR: 19540101 19811231
MLAWA
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PP: 19610101 present
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RR: 19540101 19811231
NOWY SACZ
TX: 19610101 present
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RR: 19540101 19811231
OLSZTYN
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RR: 19610101 present
PP: 19610101 present
PLOCK
RR: 19730101 present
POLRZECZKI
RR: 19550101 19811231
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RR: 19510101 present
PP: 19610101 present
PULAWY
TX: 19510101 19981231
TG: 19510101 19981231
TN: 19510101 19981231
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TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
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TX: 19520101 present
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RR: 19520101 present
PP: 19610101 present
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PP: 19610101 present
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TX: 19610101 present
TG: 19610101 present
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RR: 19610101 present
PP: 19610101 present
SNIEZKA
TX: 19510101 19981231
TG: 19510101 19981231
TN: 19510101 19981231
RR: 19730101 present
STANCOWA
RR: 19580101 19811231
SULEJOW
TX: 19610501 present
TG: 19610101 present
TN: 19610501 present
RR: 19610501 present
PP: 19610501 present
SUWALKI
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
SWINOUJSCIE
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
SZAFLARY
RR: 19540101 19811231
SZCZAWNICA ZDROJ
RR: 19540101 19811231
SZCZECIN
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 19610101 present
TARNOW
RR: 19540101 present
TERESPOL
TX: 19440901 present
TG: 19440901 present
TN: 19440901 present
RR: 19440901 present
PP: 19610101 present
TORUN
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
WARSZAWA
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 19610101 present
WIELUN
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
WITOW
RR: 19540101 19811231
WLODAWA
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19590701 present
PP: 19610101 present
WROCLAW
TX: 19510101 present
TG: 19510101 present
TN: 19510101 present
RR: 19510101 present
PP: 19610101 present
ZAKOPANE
TX: 19510101 19981231
TG: 19510101 19981231
TN: 19510101 19981231
RR: 19540101 19811231
ZBYSZYCE
RR: 19540101 present
ZIELONA GORA
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present

PORTUGAL

AGUIAR DA BEIRA
RR: 19310901 19961231
ALMEIDINHA
RR: 19591001 19980930
ALVEGA
TX: 19580101 20001231
TG: 19580101 19951231
TN: 19580101 19951231
RR: 19580101 19951231
AMARANTE
RR: 19610101 20030331
ANGRA
PP: 18710101 18801231
BARCELOS
RR: 19491001 20060228
BEJA
TX: 19580101 20011231
TG: 19580101 19991231
TN: 19580101 19991231
RR: 19410101 19991231
BRAGANCA
TX: 19410101 20011231
TG: 19410101 19991231
TN: 19410101 19991231
RR: 19450101 19991231
CAMPI
RR: 19310901 19961231
COIMBRA
TX: 19010101 20011231
TG: 19010101 19941231
TN: 19010101 19941231
RR: 19410101 19941231
EVORA
TX: 19660101 19940131
TG: 19660101 19940131
TN: 19660101 19940131
RR: 19660101 19940930
EXTREMO
RR: 19601001 20011031
FARO
TX: 19700101 present
TG: 19700101 present
TN: 19700101 present
RR: 19700101 present
FUNCHAL
PP: 18710101 18811231
GAFANHA DA NAZAR
RR: 19590401 19961231
LAJES
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
LISBOA
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19410101 present
PP: 18690101 18811231
MORA
TX: 19580101 20001231
TG: 19580101 19951231

TN: 19580101 19951231
RR: 19580101 19951231
PEGOES
TX: 19580101 20001231
TG: 19580101 19951231
TN: 19580101 19951231
RR: 19580101 19951231
PENHAS DOURADAS
TX: 19580101 20001231
TG: 19580101 19951231
TN: 19580101 19951231
RR: 19580101 19951231
PONTE DE LIMA
RR: 19401001 20060228
PORTALEGRE
TX: 19580101 20001231
TG: 19580101 19941231
TN: 19580101 19941231
RR: 19580101 19941231
PORTO
TX: 19410101 20011231
TG: 19410101 19991231
TN: 19410101 19991231
RR: 19410101 19991231
SANTA MARIA
TX: 19730101 20071031
TG: 19730101 20071031
TN: 19730101 20071031
SANTAREM
TX: 19580101 20001231
TG: 19580101 19951231
TN: 19580101 19951231
RR: 19580101 19951231
TAVIRA
TX: 19410101 20011231
TG: 19410101 19941231
TN: 19410101 19941231
RR: 19410101 19941231
VIANA DO CASTELO
TX: 19700101 20060228
TG: 19700101 20060228
TN: 19700101 20060228
RR: 19401001 20060228
VILA REAL
TX: 19550101 19940131
TG: 19550101 19940131
TN: 19550101 19940131
RR: 19550101 19920229

ROMANIA

ARAD
TX: 18800101 present
TG: 18960101 present
TN: 18960101 present
RR: 18800101 present
BACAU
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
BAIA MARE
TX: 18910101 20011231
TG: 19210101 19931231
TN: 18960101 19931231
RR: 19610101 20001231
BOTOSANI
TX: 19571001 present
TG: 19571001 present
TN: 19571001 present
RR: 19730101 present
BUCURESTI
TX: 18810101 present
TG: 19290101 present
TN: 19290101 present
RR: 18950101 20001231
BUZAU
TX: 18960101 present
TG: 18960101 present
TN: 18960101 present
RR: 19450101 present
CALARASI
TX: 18980101 present
TG: 18980101 present
TN: 18980101 present
RR: 19380101 present
CARANSEBES
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19730101 present
CEAHLAU TOACA
TX: 19640201 present
TG: 19640201 present
TN: 19610101 present
RR: 19730101 present
CLUJ NAPOCA
TX: 19210101 present
TG: 19210301 20071031
TN: 19210101 20071031
RR: 19230101 20001231
CONSTANTA
TX: 19520101 present
TG: 19520101 present
TN: 19520101 present
RR: 19730101 present
CRAIOVA
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19730101 present
DEVA
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
DROBETA TURNU SEVERIN
TX: 18810101 present
TG: 18960101 present
TN: 18960101 present
RR: 19250101 present
GALATI
TX: 19530101 present
TG: 19530101 present
TN: 19530101 present
RR: 19730101 present
IASI
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
MIERCUREA CIUC
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
OCNA SUGATAG
TX: 19610101 20051231
TG: 19610101 20051231
TN: 19610101 20051231
RIMNICU VILCEA
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19730101 present
ROSIORI DE VEDE
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
SIBIU
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
PP: 18740101 18811231
SIGHETU MARMATIEI
TX: 19650701 20050430
TG: 19650701 20050430
TN: 19650701 20050430
RR: 19730101 20050430
SULINA
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
TG JIU
TX: 18990101 20040531
TG: 18990101 20040531
TN: 18990101 20040531
RR: 19180101 20040531
TULCEA
TX: 18860101 present
TG: 18860101 present
TN: 18870101 present
TURNU MAGURELE
TX: 18960101 20031231
TG: 18960101 20031231
TN: 18960101 20031231
RR: 19380101 20031231
VARFU OMUL
TX: 19280101 present
TG: 19280101 present
TN: 19280101 present
RR: 19610101 20001231

RUSSIAN FEDERATION

ABRAMOVSKIJMAJAK
TX: 19950101 20011130
TG: 19950101 20011130
TN: 19950101 20051130
RR: 19590701 19991231
ACHIKULAKNEPHTEKUMSK
RR: 19360101 19760430
ALATYR
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590101 19991231
ALEKSANDROW
HU: 19360101 20031231
TX: 19360101 present
TG: 19360101 present
TN: 19360101 present
RR: 19360101 present
ANAPA
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19590701 19981231
ANNA
RR: 19360101 19960630
ARCHANGELSK
HU: 19360101 20031231
TX: 18810101 present
TG: 18810101 present
TN: 18810101 present
RR: 18810101 present
PP: 18700101 20001231
ARMAVIR
HU: 19360101 20031231
TX: 19360101 20031231
TG: 19360101 20031231
TN: 19360101 20031231
RR: 19360101 20031231
ARZAMAS
RR: 19360101 19961231
ARZGIR
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
ASTRAKAN
HU: 19360101 20031231
TX: 18810101 present
TG: 18810101 present
TN: 18810101 present
RR: 18810101 present
PP: 18660101 20001231
ATKARSK
RR: 19590701 19921231
AZOV
TX: 19950101 19950430
TN: 19950101 19950430
RR: 19590701 19960430
BABAEVO
TX: 19950101 20030930
TG: 19950101 20030930
TN: 19950101 20030930
RR: 19590101 20001231
BAJRAMALI
TX: 18890101 19981231
TG: 18890101 19981231
TN: 18890101 19981231
RR: 18890101 19981231
BALASHOV
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19580101 20041231
BARENCBURG
TX: 20031101 present
TN: 20031101 present
RR: 19320101 present
BARKOVSKAJA
RR: 19590101 19960630
BELGOROD
RR: 19360101 19960630
BELOGORKA
RR: 19660101 19960630
BELORECHENSK
RR: 19590701 19960630
BELOZERSK
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590801 19991231
BELYJ
TX: 19950101 20010930
TG: 19950101 20010930
TN: 19950101 20010930
RR: 19660201 20010930
BERDYANSK
RR: 19761101 19901231
BEZENCHUK
RR: 19040101 19921231
BEZHETSK
TX: 19950101 19950228
TN: 19950101 19950228
RR: 18910301 19950131
BIRYUCHYAKOSA
RR: 19360101 19651130
BISER
TX: 18880101 20011231
TG: 18880101 20011231
TN: 18910101 20011231
RR: 18880101 20011231
BLAGODARNOYE
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
BOGORODITSKOYEFENINO
RR: 18890801 19960630
BOGUCHAR
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19360101 19991231
BOKOVSKAJA
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19590701 19960630
BOLOGOE
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19660201 20050630
BORISOGLEBSK
RR: 19590701 19960630
BOROVICI
RR: 19360101 19940630
BOTLIKCH
RR: 19360101 19960531
BRJNSK
RR: 19360101 19960630
BRJANSK
TX: 19650101 20060228
TG: 19650101 20060228
TN: 19650101 20060228
BUDENNOVSK
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19240601 19991231
BUJ
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590101 20021231
CARDZOU
TX: 18940101 19981231
TG: 18940101 19981231
TN: 18940101 19981231
RR: 18940101 19981231
CEBOKSARY
RR: 19580101 19961231
CELINA
TX: 19360101 19990228
TG: 19360101 19990228
TN: 19360101 19990228
RR: 19360101 19990228
CEREPOVEC
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 20021231
CERNYJAR
RR: 19460101 19960630
CERTKOVO
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19410101 19960630
CHERNOVTSY
TX: 19410101 20001231
TG: 19410101 19991130
TN: 19410101 19991130
RR: 19410301 19991130
DANILOVKA
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19590701 19960630
DANILOVO
RR: 19660101 19960630
DEMJANSK
RR: 19660101 19960630
DIMITROVGRAD
RR: 19360101 19921231
DIVNOE
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19360101 20021231
DJUBGA
TX: 19950101 19950531
TN: 19950101 19950430
RR: 19590701 19960630
DJUKOVKA
RR: 19590701 19960630
DNO
RR: 19580101 19960630
DOSANG
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
DVINSKIJBEREZNIK
TX: 19950101 19960831

TN: 19950101 20010430
RR: 19580101 19991231
EFREMOV
RR: 19590101 19960630
EISK
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19590701 19960630
ELTON
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19660201 19960630
ELAN
RR: 19590701 19960630
ELATMA
HU: 19360101 20031231
TX: 18860101 20031231
TG: 18860101 20031231
TN: 18910101 20031231
RR: 18860101 20031231
ELEC
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 20001231
ELISTASTEPNOY
TX: 19270101 19991231
TG: 19270101 19991231
TN: 19270101 19991231
RR: 19271001 19991231
EMECK
TX: 19950101 19950531
TN: 19950101 19991130
RR: 19590101 19961231
ERSOV
TX: 19690101 20060228
TG: 19690101 20060228
TN: 19690101 20060228
RR: 19360101 19921231
FROLOVO
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
GAGARIN
RR: 19660101 19960630
GALITCH
RR: 19590101 19961231
GDOV
RR: 19660101 19960630
GELENDZIK
TX: 19950101 19950531
TN: 19950101 19950531
RR: 18810101 19960630
GOGLAND
RR: 18810101 19941031
GORJACIJKLJUC
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
GORKIJ
TX: 18810101 20011231
TG: 18810101 20011231
TN: 18920101 20011231
RR: 18810101 20011231
GORNY
RR: 19590701 19960630
GORODOVIKOVSK
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
GOTNJA
RR: 19360101 19960630
GRIDINO
TX: 19950101 20000531
TN: 19950601 20000430
RR: 19360101 20001231
GROZNY
TX: 19380101 19941130
TG: 19380101 19941031
TN: 19380101 19941031
RR: 19380801 19941130
GUDERMES
RR: 19360101 19951031
GUREV
TX: 18810101 20011231
TG: 18810101 20011231
TN: 18810101 20011231
RR: 18810101 20011231
GUSHRUSTALNYJ
RR: 19590701 19961231
HASAVJURT
RR: 19660201 19960630
HOLM
TX: 19950101 19970831
TN: 19950101 19970831
RR: 19360101 19970831
HOSEDA HARD
HU: 19360101 20031231
TX: 19360101 20031231
TG: 19360101 20031231
TN: 19360101 20031231
RR: 19360101 20031231
HVALYNSK
RR: 19590701 19921231
HVOJNAJA
RR: 19360101 19940430
INCY
TX: 19950201 19950331
TN: 19950201 19950331
RR: 19360101 19960630
INDIGA
TX: 19950101 20051231
TG: 19950101 20051231
TN: 19950101 20051231
RR: 19231001 19991231
IVANOVO
RR: 19580101 19961231
IZEVSK
HU: 19580101 20031231
TX: 19580101 20031231
TG: 19580101 20031231
TN: 19580101 20031231
RR: 19580101 20031231
IZMAIL
TX: 18860101 present
TG: 18860101 present
TN: 18870101 present
RR: 18860101 20011231
JANIBEK
RR: 19550101 19911231
JAROSLAVL
RR: 19590701 19870531
JASKUL
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19370201 19991231
JOSKAROLA
RR: 19630101 19961231
JUREVEC
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590101 19991231
KALAC
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 20001231
KALININGRAD
HU: 19470101 20031231
TX: 19470101 present
TG: 19470101 present
TN: 19470101 present
RR: 19470101 present
KALUGA
TX: 19650101 20060228
TG: 19650101 20060228
TN: 19650101 20060228
RR: 19420201 19960630
KAMENNAJASTEP
TX: 18930101 20011231
TG: 18930101 20011231
TN: 18930101 20011231
RR: 18930101 20011231
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
KAMYSCHIN
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590101 20001231
KANAS
RR: 19590101 19961231
KANDALAKSA
HU: 19360101 20031231
TX: 19120101 present
TG: 19120101 present
TN: 19120101 present
RR: 19120101 present
KANEVESKAJ
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360901 19960630
KANIN NOS
TX: 19950101 present
TG: 19950101 20071031
TN: 19950101 20071031
RR: 19151101 present
KARABULAK
RR: 19360101 19921231
KARGOPOL
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 18830101 19991231
KASIN
RR: 19660201 19960630
KASIRA
RR: 19590101 19960630
KASPIYSKIY
RR: 19590701 19960630
KAZAN
TX: 18810101 20011231
TG: 18810101 20011231
TN: 18900101 20011231
RR: 18810101 20011231
PP: 18550101 20001231
KAZANSKAJ
RR: 19590701 19960630
KEM
HU: 19360101 20031231
TX: 19160101 20060531
TG: 19160101 20060531
TN: 19160101 20060531
RR: 19160101 20070731
PP: 18660101 18801231
KHARKOV
TX: 19360101 20001231
TG: 19360101 19991130
TN: 19360101 19991130
RR: 19360101 19991130
KHIBINY
RR: 19000601 19781231
KHOLMOGORY
TX: 19950101 19950531
TN: 19950101 20010430
RR: 19590101 19961231
KINESHMA
RR: 19590701 19961231
KINGISEPP
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19590101 present
KIROV
TX: 18810101 20011231
TG: 18810101 20011231
TN: 18900101 20011231
RR: 18810101
20011231*KIROVABAD*
TX: 18820101 19911231
TG: 18820101 19911231
TN: 18820101 19911231
RR: 18820101 19911231
KIRSANOV
RR: 19590701 19960630
KISLOVODSK
RR: 18860101 19960630
KIZLJAR
TX: 19950101 19950531
RR: 19010901 19941231
KIZYLARVAT
TX: 18830101 19981231
TG: 18830101 19981231
TN: 18830101 19981231
RR: 18850101 19981231
KLETSKAYA
RR: 19590701 19880930
KLIN
RR: 19500101 19960531
KOCUBEJ
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19660201 19991231
KOERSK
HU: 19360101 20031231
TX: 18910101 20031231
TG: 18910101 20031231
TN: 18910101 20031231
RR: 18910101 20031231
KOJNAS
HU: 19360101 20031231
TX: 19120101 20031231
TG: 19120101 20031231
TN: 19120101 20031231
RR: 19120101 20031231
KOLEJMA
RR: 19390101 19960630
KOLODOZERO
RR: 19660201 19941231
KOLOMNA
RR: 19590101 19960630
KONDOPOGA
RR: 19360101 19960630
KONSTANTINOVSK
RR: 19360101 19960630
KOROBOVO
RR: 19590701 19960630
KOSLAN
TX: 19950101 20010228
TG: 19950101 20010228
TN: 19950101 20010228
RR: 19590701 19991231
KOSTROMA
HU: 19360101 20031231
TX: 19250101 20031231
TG: 19250101 20031231
TN: 19250101 20031231
RR: 19250101 20031231
PP: 18500101 18681231
KOTELNIC
RR: 19590701 19961231
KOTELNIKOVO
RR: 19270101 19941130
KOTLAS
HU: 19360101 20031231
TX: 19360101 20031231
TG: 19360101 20031231
TN: 19360101 20031231
RR: 19360101 20031231
KOVDA
TX: 19970301 19970430
TN: 19950601 19970331
RR: 19360101 19951231
KOZMODEMJANSK
TX: 19650101 20060228
TG: 19650101 20060228
TN: 19650101 20060228
KOZMODEMYANSK
RR: 19590101 19961231
KRASNAJAGORA
RR: 19300601 19960630
KRASNODAR
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19660101 19960630
KRASNOSHELYE
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19320501 20050630
KRASNOUFIMSK
HU: 19360101 20031231
TX: 19360101 20031231
TG: 19360101 20031231
TN: 19360101 20031231
RR: 19360101 20031231
KRASNYEBAKI
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 19991231
KRASNYJKUT
RR: 19360101 19921231
KRESTCY
RR: 19590701 19960630
KROPOTKIN
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
KUBANSKAJUSTEVAJ
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
KUGONAVOLOK
RR: 19590101 19960630
KUSHEVSKAYA
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19590701 19960630
LENINAKAN
TX: 18950101 19920430
TG: 18950101 19911231
TN: 18950101 19920430
RR: 18950101 19920430
LESUKONSKOE
TX: 19950101 19970531
TN: 19950101 20010430
RR: 19590701 19971231
LIMAN
RR: 19360101 19960630
LIPECK
RR: 19390101 19960630
LISKI
RR: 19660201 19960630
LIVNY
RR: 19360101 19960630
LJUBAN
TX: 19950101 19950228
TN: 19950101 19950228
RR: 19590701 19950228

LODEJNOEPOLE
RR: 19590701 19960630
LOUHI
RR: 19660101 19950228
LOVOZERO
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19360101 20050630
LUKOJANOV
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19360101 19991231
MAHACKALA
TX: 18820101 19951231
TG: 18820101 19951231
TN: 18820101 19951231
RR: 18820101 19951231
MALIEDERBETY
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
MALOJAROSLAVEC
RR: 19590701 19960630
MALY UZEN
RR: 18811201 19640731
MAREVO
RR: 19660101 19870331
MATVEEVKURGAN
RR: 19590701 19960630
MAYKOP
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
MCENSK
RR: 19590701 19960630
MEDVEZEGORSK
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19660101 20050630
MEZEN
TX: 19950101 20060228
TG: 19950101 20040531
TN: 19950101 20040531
RR: 19660101 19991231
MICURINSK
RR: 18810101 19960630
MIHAJLOV
RR: 19590701 19961231
MILLEROVO
RR: 19380101 19960630
MINERALNYEVODY
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19380401 19991231
MOERMANSK
HU: 19360101 20031231
TX: 19360101 20031231
TG: 19360101 20031231
TN: 19360101 20031231
RR: 18810101 20031231
MONCHEGORSK
TX: 19960401 19970331
TN: 19950601 19970331
RR: 19360101 19970331
MOROZOVSK
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19360101 20050630
MORSANSK
RR: 19590701 19960630
MOSKOU
HU: 19480601 20031231
TX: 19480101 20031231
TG: 19480101 20031231
TN: 19480101 20031231
RR: 19480101 20031231
PP: 18660101 20001231
MOZAJSK
RR: 19360101 19960630
MOZDOK
TX: 19950101 20010930
TG: 19950101 20010930
TN: 19950101 20010930
RR: 19360101 19991231
MUDJUG
TX: 19950101 19950731
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TN: 19950101 19960831
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NALCIK
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RR: 19360101 20011231
NARJAN MAR
HU: 19471101 20031231
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TN: 19260101 present
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RR: 19590701 19921231
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TN: 19950101 20050630
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TG: 19950101 20050630
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TG: 19950101 20050630
TN: 19950101 20050630
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TX: 19950101 19970430
TN: 19950101 20000430
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TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 19991231
NOVAYA LADOGA
RR: 19590701 19960630
NOVGOROD
RR: 19450101 19960630
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RR: 19590701 19960630
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OBJACEVO
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TG: 19950401 20050630
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OEFA
HU: 19660101 20031231
TX: 19000101 20031231
TG: 19000101 20031231
TN: 19000101 20031231
RR: 19000101 20031231
OHONY
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TG: 18810101 20011231
TN: 18840101 20011231
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OKULOVKA
RR: 19590701 19940430
OLONETS
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ONEGA
HU: 19360101 20031231
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TG: 19950101 20050630
TN: 19950101 20050630
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ORENBURG
HU: 19360101 20031231
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PAVELETZ
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PETSJORA
HU: 19430901 20031231
TX: 19430101 20031231
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TG: 19340101 19971231
TN: 19340101 19971231
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TN: 19590101 present
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TN: 19950101 19950531
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RYAZHSK
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TN: 20040501 20050630
RR: 19590701 20031231
RYBINSK
RR: 19490801 19961231
RZHEV
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TG: 19950101 19980930
TN: 19950101 19980930
RR: 19360101 19980930

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RR: 19590701 19961231
SAKUNJA
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TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 20021231
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TG: 19950101 20050630
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SARATOW
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TX: 19360101 20031231
TG: 19360101 20031231
TN: 19360101 20031231
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SEGEZA
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19660201 20050630
SEMENOV
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SENGILEY
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SERAPHIMOVICH
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TG: 19950101 20050630
TN: 19950101 20050630
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SERGAC
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TN: 19950101 present
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SHUJ
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SLAVJNSKNAKUBANI
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TX: 19440101 20031231
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RR: 19450101 present
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TG: 19950101 20000331
TN: 19950101 20000331
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SUHINICI
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TG: 19950101 20050630
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SURA
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SYKTYVAR
HU: 19500101 20031231
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TG: 19950101 20050630
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TG: 19950101 20050630
TN: 19950101 20050630
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TIMASHEVSK
TX: 19950101 19950531
TN: 19950101 19950531
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TORBEEVO
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TOTMA
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TROITZKO
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RR: 18880101 20031231
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TG: 19950101 20050630
TN: 19950101 20050630
RR: 19360101 20050630
TURCASOVO
TX: 19950101 19950531
TN: 19950101 19990630
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TURGAJ
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TVER
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UGLIC
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UKHTA KALEVALA
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TG: 19950101 20050630
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ULYANOVSK
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URALSK
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UST TZILMA
HU: 19360101 20031231
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VELSK
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HU: 19360101 20031231
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TN: 19950101 19990831
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VINNICY
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VJAZMA
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TG: 19950101 20050630
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VLADIMIR
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
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VOLGODONSK
TX: 19520101 19991231
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RR: 19520201 19991231
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RR: 19590101 19960630
VOLSHSKIY GMO
TX: 19950101 present
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TN: 19950101 present
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RR: 19590101 19961231
VORONEZH
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TN: 19180101 19991231
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VOZEGA
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TG: 19950101 20050630
TN: 19950101 20050630
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RR: 19410301 20001231
VYBORG
TX: 19950101 present
TG: 19950101 20071031
TN: 19950101 20071031
RR: 19280101 present
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RR: 19590101 19961231
VYSCHNIY VOLOCHEK
RR: 18930101 19960630
VYTEGRA
HU: 19360101 20031231
TX: 18810101 20031231
TG: 18810101 20031231
TN: 18910101 20031231
RR: 18810101 20031231
WOLOGDA
HU: 19381101 20031231
TX: 19380101 20031231
TG: 19380101 20031231
TN: 19380101 20031231
RR: 19380101 20031231
YARENSK
TX: 19950101 20020831
TG: 19950101 20020731
TN: 19950101 20020731
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YEKIMTSEVO
RR: 19590101 19961231
YEPHIMOVSKAYA
RR: 19590701 19960630
ZAMETCHINO
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 18810101 20001231
ZAVETNOE
TX: 19950101 19950228
TN: 19950101 19950228
RR: 19360101 19960630
ZERDEVKA
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630

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ZHIZDRA
RR: 18980101 19960630
ZHIZHGIN MAYAK
TX: 19950101 20071031
TG: 19950101 20071031
TN: 19950101 present
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ZIMNEGORSKIY MAYAK
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19360101 20021231
ZIMOVNIKI
TX: 19950101 19950531
TN: 19950101 19950531
RR: 19360101 19960630
ZLYNKA
RR: 19590701 19871130

SERBIA - MONTENEGRO

BEOGRAD
CC: 19360101 present
HU: 19490101 20041231
TX: 19360101 present
TG: 19360101 present
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PP: 19360101 present
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PP: 19810901 20051231
SS: 19810901 present
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TX: 19490101 present
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TN: 19490101 present
RR: 19490101 present
PP: 19490101 present
SS: 19490101 present
LOZNICA
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RR: 19520101 present
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SS: 19520101 present
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TG: 19730401 present
TN: 19730401 present
NI
CC: 19410101 present
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SS: 19410101 present
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RR: 19500101 present
PP: 19750501 present
SS: 19500101 20071031
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TX: 19490101 present
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VRANJE
TX: 19490101 20071031
TG: 19490101 20071031
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RR: 19490101 present
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SS: 19490101 present
VRSAC
TX: 19730401 present
TG: 19730401 present
TN: 19730401 present

SLOVAKIA

HURBANOVO
CC: 20020101 present
HU: 20020101 20050531
TX: 19480101 present
TG: 19480101 present
TN: 19480101 present
RR: 20020101 present
PP: 20020101 present
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SS: 20020101 present
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TG: 19730101 present
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TX: 19510101 19981231
TG: 19510101 19981231
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RR: 19510101 19981231
PP: 19510101 19981231

SLOVENIA

KREDARICA
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TX: 19550101 present
TG: 19550101 present
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RR: 19550101 present
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CC: 19000101 present
HU: 19000101 20071031
TX: 19000101 present
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SS: 19480101 present

SPAIN

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ALCUESCAR
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TX: 18931101 present
TG: 18940101 present
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CC: 19500101 present
HU: 19500101 20050331
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TG: 18940101 present
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CC: 19610101 present
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BURGOS
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PP: 18500101 20021231
CALZADA CALATRAVA
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LA CORUNA
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RR: 18931101 present
PP: 19610101 present
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RR: 19580101 20001231
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TN: 19270101 present
RR: 19270101 present
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TG: 18630101 present
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RR: 18630101 present
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TG: 19460101 present
TN: 19460101 present
RR: 19460101 present
SS: 19510301 present
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RR: 18800401 present
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TG: 19580101 20001231
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RR: 19580101 20001231
PRAT DE LLOBREGAT
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
REUS BASE AEREA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
SABINANIGO
TX: 19580101 20001231
TG: 19580101 19961231
TN: 19580101 19961231
RR: 19580101 20001231
SALAMANCA
CC: 19610101 present
HU: 19610101 20050331
TX: 18931101 present
TG: 18931101 present
TN: 18931101 present
RR: 18931101 present
PP: 19610101 20031231
SS: 19510101 present
SAN SEBASTIAN
CC: 19500101 present
HU: 19500101 20050331
TX: 18860101 present
TG: 18930101 present
TN: 18930101 present
RR: 18860101 present
PP: 19500101 present
SS: 19500101 present
SANTANDER
TX: 19580101 20001231
TG: 19580101 19971231
TN: 19580101 19971231
RR: 19580101 19971231
SANTIAGO COMPOSTEL
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19580101 20001231
SEVILLA
TX: 18931101 present
TG: 18931101 present
TN: 18931101 present
RR: 18931101 present
SORIA
TX: 18931101 20031231
TG: 18931101 20031231
TN: 18931101 20031231
RR: 18931101 20031231
TARIFA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
TENERIFE
PP: 19010101 20031231
TORREVIEJA
TX: 19270101 present
TG: 19270101 present
TN: 19270101 present
RR: 19270101 present

TORTOSA
CC: 19610101 20050228
HU: 19610101 20050228
TX: 19460101 20050228
TG: 19460101 20050228
TN: 19460101 20050228
RR: 19100101 20050228
PP: 19610101 20010831
SS: 19540101 20050228
VALENCIA
CC: 19500101 present
HU: 19500101 20041231
TX: 18631201 present
TG: 18631201 present
TN: 18631201 present
RR: 18631201 present
PP: 19500101 present
SS: 19500101 present
VALLADOLID
TX: 18931101 present
TG: 18931101 present
TN: 18931101 present
RR: 18931101 present
VIGO PEINADOR
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19580101 20001231
VILLAMECA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
ZAMORA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
ZARAGOZA
CC: 19610101 present
HU: 19510101 20050331
TX: 18870901 present
TG: 18870901 present
TN: 18870901 present
RR: 18870901 present
PP: 19610101 present
SS: 19510101 present

SWEDEN

ARJEPLOG
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
BARKAKRA
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
BORAS
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
BREDAKRA
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
FALSTERBO
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
FALUN
TX: 18600101 present
TG: 18600101 present
TN: 18660101 present
RR: 18600101 20021231
FORSE
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19620101 20001231
GOTEBORG
TX: 19580101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 18600101 present
GOTSKA SANDON
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
GUNNARN
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
HAPARANDA
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 18600101 present
HARNOSAND
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 20051231
PP: 18600101 present
HARSFJARDEN
TX: 19580101 20001231
TG: 19620101 20001231
TN: 19620101 20001231
RR: 19620101 20001231
HOBURG
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
HOLMOGADD
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
JACKVIK
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
JOKKMOKK
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
JONKOPING
TX: 19650301 present
TG: 19650301 present
TN: 19650301 present
RR: 19650301 19991231
KARESUANDO
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
KARLSHAMN
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
KARLSTAD
TX: 19180101 20031231
TG: 19180101 20031231
TN: 19180101 20031231
RR: 19180101 20031231
PP: 19610101 20031231
KVIKKJOKK
TX: 19610101 present
TG: 19610101 present
TN: 19610101 present
RR: 19610101 present
PP: 19610101 present
LANDSORT
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
LINKOEPING
TX: 19310101 20011231
TG: 19310101 20011231
TN: 19310101 20011231
RR: 19310101 20011231
LULEA
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
LUND
PP: 18640101 20011231
LYCKSELE
TX: 19730101 19911231
TG: 19730101 19911231
TN: 19730101 19911231
MALILLA
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
MALUNG
TX: 19610101 20041231
TG: 19610101 20041231
TN: 19610101 20041231
RR: 19610101 20041231
PP: 19610101 20031231
MASESKAR
TX: 19730101 19911231
TG: 19730101 19911231
TN: 19730101 19911231
OESTERSUND
TX: 19180101 present
TG: 19180101 present
TN: 19180101 present
RR: 19180101 20050531
PP: 19610101 present
OLANDS NORRA UDDE
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
OREBRO
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
PAJALA
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
SATENAS
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
STENSELE
TX: 18910101 20031231
TG: 18910101 20031231
TN: 18910101 20031231
RR: 18910101 20031231
STOCKHOLM
TX: 18590101 present
TG: 17560101 present
TN: 18590101 present
RR: 19610101 present
PP: 18500101 19981231
SVENSKA HOGARNA
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231
UPPSALA
TX: 18400101 20011231
TG: 18400101 20011231
TN: 18400101 20011231
RR: 18400101 20011231
PP: 18500101 19981231
VAEXJOE
TX: 18910101 present
TG: 18910101 present
TN: 18910101 present
RR: 19180101 20011231
VISBY
PP: 18600101 present
VITTANGI
TX: 19580101 20001231
TG: 19610101 20001231
TN: 19610101 20001231
RR: 19610101 20001231

SWITZERLAND

ALTDORF
TX: 19010101 present
TG: 19010101 present
TN: 19090101 present
RR: 19010101 present
PP: 19010101 present
SD: 19590101 present
ANDERMATT
TX: 19660101 20041231
TG: 19660101 20041231
TN: 19710101 20041231
RR: 19660101 20041231
PP: 19660101 19661231
SD: 19660101 20041231
AROSA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
BAD RAGAZ
TX: 19380101 present
TG: 19380101 present
TN: 19380101 present
RR: 19380101 present
PP: 19380901 present
SD: 19590101 present
BASEL BINNINGEN
CC: 19010101 20041231
HU: 19010101 20041231
TX: 19010101 20060228
TG: 19010101 20060228
TN: 19010101 20060228
RR: 19010101 20060228
PP: 19010101 20041231
SD: 19310101 20041231
SS: 19010101 20041231
BERN
TX: 19010101 20041231
TG: 19010101 20041231
TN: 19010101 20041231
RR: 19010101 20041231
PP: 19010101 20041231
SD: 19310101 20041231
CHATEAU DOEX
TX: 19310101 20041231
TG: 19310101 20041231
TN: 19310101 20041231
RR: 19310101 20041231
PP: 19310101 20041231
SD: 19410101 20041231
CHUREMS
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
DAVOS
TX: 19010101 20041231
TG: 19010101 20041231
TN: 19010101 20041231
RR: 19010101 20041231
PP: 19010101 20041231
SD: 19310101 20041231
ENGELBERG
TX: 19310101 20041231
TG: 19310101 20041231
TN: 19690101 20041231
RR: 19310101 20041231
PP: 19310101 20041231
SD: 19310101 19961231
GD. ST. BERNHARD
TX: 19010101 20041231
TG: 19010101 20041231
TN: 19590101 20041231
RR: 19010101 20041231
PP: 19010101 20041231
SD: 19960101 19961231
GENEVE
CC: 19010101 present
HU: 19010101 20041231
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19010101 present
PP: 19010101 present
SD: 19310101 present
SS: 19010101 present
GLARUS
TX: 19580101 20001231
TG: 19600101 20001231
TN: 19600101 20001231
RR: 19580101 20001231
GRIMSEL
TX: 19640101 20041231
TG: 19640101 20041231
TN: 19710101 20041231
RR: 19640101 20041231
PP: 19640101 20041231
SD: 19640101 20041231
GRï
TX: 19660101 20041231
TG: 19660101 20041231
TN: 19670101 20041231
RR: 19660101 20041231
SD: 19660101 20041231
GUTSCH
TX: 19550101 present
TG: 19550101 present
TN: 19550101 present
RR: 19730101 present
LA CHAUXDEFONDS
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19010101 present
PP: 19010101 20041231
SD: 19310101 20071031
LOCARNO
TX: 19350101 present
TG: 19350101 present
TN: 19350101 present
RR: 19350101 present
PP: 19350501 present
SD: 19430101 present

LUGANO
CC: 19010101 present
HU: 19010101 20041231
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19010101 present
PP: 19010101 present
SD: 19310101 present
SS: 19010101 present
LUZERN
TX: 19310101 20041231
TG: 19310101 20041231
TN: 19310101 20041231
RR: 19310101 20041231
PP: 19310101 20041231
SD: 19590101 20041231
MEIRINGEN
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
MONTANA
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
MONTREUX
TX: 19580101 20001231
TG: 19580101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
NEUCHATEL
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19010101 present
PP: 19010101 present
SD: 19310101 present
PAYERNE
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19010101 present
SAENTIS
CC: 19010101 present
HU: 19010101 20041231
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19010101 present
PP: 19010101 20041231
SD: 19310101 present
SS: 19010101 present
SAMEDAN
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19010101 present
PP: 19010101 20041231
SD: 19310101 present
SAN BERNARDINO
TX: 19680101 present
TG: 19680101 present
TN: 19680101 present
RR: 19680101 present
PP: 19680101 20041231
SD: 19680101 20071031
SCHAFFHAUSENCHFELS7
TX: 19580101 20001231
TG: 19600101 20001231
TN: 19580101 20001231
RR: 19580101 20001231
SEGLMARIA
TX: 19010101 20041231
TG: 19010101 20041231
TN: 19010101 20041231
RR: 19010101 20041231
PP: 19010101 19520630
SD: 19660101 20041231
SION
TX: 19010101 20041231
TG: 19010101 20041231
TN: 19640101 20041231
RR: 19010101 20041231
PP: 19010101 20041231
SD: 19310101 20041231
ST. GALLEN
TX: 19310101 present
TG: 19310101 present
TN: 19310101 present
RR: 19310101 present
PP: 19310101 20041231
SD: 19590101 present
ZUERICH
CC: 19010101 present
HU: 19010101 20041231
TX: 19010101 present
TG: 19010101 present
TN: 19010101 present
RR: 19010101 present
PP: 19010101 present
SD: 19310101 present
SS: 19010101 present

TUNISIA

BIZERTE
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
RR: 19730601 present
DJERBA MELLITA
TX: 19660701 present
TG: 19660701 present
TN: 19660701 present
RR: 19730601 present
GABES
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730601 present
GAFSA
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730601 present
JENDOUBA
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730601 present
KAIROUAN
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730201 present
KELIBIA
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
RR: 19730601 present
MONASTIRSKANES
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
RR: 19730601 present
REMADA
TX: 19670301 present
TG: 19670301 present
TN: 19670301 present
RR: 19731101 present
SFAX ELMAOU
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730601 present
TABARKA
TX: 19741001 present
TG: 19741001 present
TN: 19741001 present
RR: 19741001 present
TOZEUR
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
RR: 19730601 present
TUNIS
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19730601 present

TURKEY

ADANA
CC: 19750101 present
HU: 19750101 20041231
TX: 19010101 present
TG: 19300101 present
TN: 19300101 present
RR: 19300101 present
PP: 19750101 present
SS: 19750101 20041231
AFYON
TX: 19630101 20060228
TG: 19630101 20060228
TN: 19630101 20060228
AKHISAR
TX: 19630101 20071031
TG: 19630101 20071031
TN: 19630101 present
ANKARA
CC: 19750101 20041231
HU: 19750101 20041231
TX: 19010101 20041231
TG: 19300101 20041231
TN: 19300101 20041231
RR: 19300101 20041231
PP: 19750101 20041231
SD: 19750101 20041130
SS: 19750101 20041231
ANTALYA
TX: 19630101 present
TG: 19630101 present
TN: 19630101 present
BALIKESIR
TX: 19630101 present
TG: 19630101 present
TN: 19630101 present
BANDIRMA
TX: 19630101 20071031
TG: 19630101 20071031
TN: 19630101 present
BURSA
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
CANAKKALE
TX: 19630101 present
TG: 19630101 present
TN: 19630101 present
DIARBEKIR
PP: 18690101 18741231
DIYARBAKIR
TX: 19630101 present
TG: 19630101 present
TN: 19630101 present
EDIRNE
TX: 19550101 present
TG: 19550101 present
TN: 19550101 present
ELAZIG
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
ERZINCAN
TX: 19630101 present
TG: 19630101 present
TN: 19630101 present
ERZURUM
CC: 19750101 present
HU: 19750101 20071031
TX: 19010101 present
TG: 19300101 present
TN: 19300101 present
RR: 19300101 present
PP: 19750101 20041231
SD: 19750101 present
SS: 19750101 present
ERZURUMBOLGE
CC: 20021101 20041231
HU: 20021101 20041231
TX: 20021101 20041231
TG: 20021101 20041231
TN: 20021101 20041231
RR: 20021101 20041231
PP: 20021101 20041231
SD: 20021201 20041231
SS: 20021101 20041231
ESKISEHIR
TX: 19630101 present
TG: 19630101 present
TN: 19630101 present
FINIKE
TX: 19530901 present
TG: 19530901 present
TN: 19530901 present
RR: 19530901 present
INEBOLU
TX: 19730101 present
TG: 19730101 present
TN: 19730101 present
ISPARTA
TX: 19290101 present
TG: 19290101 present
TN: 19290101 present
RR: 19310101 present
ISTANBUL
CC: 19750101 present
HU: 19750101 20041231
TX: 19010101 present
TG: 19290101 present
TN: 19290101 present
RR: 19290101 present
PP: 18660101 present
SD: 19750201 present
SS: 19750101 present
IZMIR
CC: 19750101 20041231
HU: 19750101 20041231
TX: 19380101 20041231
TG: 19380101 20041231
TN: 19380101 20041231
RR: 19380101 20041231
PP: 19750101 20041231
SD: 19790101 19911231
SS: 19750101 20041231
KASTAMONU
TX: 19300101 present
TG: 19300101 present
TN: 19300101 present
RR: 19300101 present
KAYSERI
TX: 19660701 present
TG: 19660701 present
TN: 19660701 present
KONYA
TX: 19630101 present
TG: 19630101 present
TN: 19630101 present
MALATYA
TX: 19630101 20060228
TG: 19630101 20060228
TN: 19630101 20060228
MERZIFON
TX: 19630101 20060228
TG: 19630101 20060228
TN: 19630101 20060228
RIZE
TX: 19270301 20040229
TG: 19270301 20040229
TN: 19270301 20040229
RR: 19290101 20040229
SILIFKE
TX: 19630101 present
TG: 19630101 present
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SIVAS
TX: 19290201 present
TG: 19290201 present
TN: 19290201 present
RR: 19290201 present
TEKIRDAG
TX: 19630101 present
TG: 19630101 present
TN: 19630101 present
TRABZON
CC: 19750101 present
HU: 19750101 20041231
TX: 19010101 present
TG: 19300101 present
TN: 19300101 present
RR: 19300101 present
PP: 19750101 present
SD: 19750201 present
SS: 19750101 present
VAN
TX: 19570701 present
TG: 19570701 present
TN: 19570701 present
RR: 19570701 present

UKRAINE

AIPETRI
TX: 18950901 20041231
TG: 18950901 20041231
TN: 18950901 20041231
RR: 18950901 20041231
ALUSHTA
RR: 19590701 19901231
AMVROSIERVKA
TX: 19950101 19980531
TN: 19950101 19980331
RR: 19360101 19980531
ANGARSKIY
RR: 19360101 19901231
ARTEMOVSK
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19980531
ASKANIIA NOVA
TX: 19100101 20031231
TG: 19100101 20031231
TN: 19100101 20031231
RR: 19100101 20031231
BARISHEVKA
RR: 19590701 19981231
BASTANKA
TX: 19950101 19980430
TN: 19950101 19980430
RR: 19360101 19980430
BEHTERY
RR: 19590701 19901231
BELAYACERKOV
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19980531

BELOPOLE
RR: 19590701 19901231
BELOPOLE
RR: 19590701 19890930
BELOVODSK
TX: 19950101 19980430
TN: 19950101 19980430
RR: 19360101 19980430
BEREGOVO
RR: 19460801 19901231
BEREJANI
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19980531
BOBRINETS
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19971231
BOGODUHOV
TX: 19950101 19980430
TN: 19950101 19980430
RR: 19590701 19971231
BOLGRAD
RR: 19410301 19901231
BORISPOL
TX: 19950101 19990131
TN: 19950101 19980430
RR: 19590701 19981231
BOTEVO
TX: 19950101 19980430
TN: 19950101 19980430
RR: 19590801 19951231
BRICANI
TX: 19950101 20041130
TN: 19950101 20041031
RR: 19450401 20031231
BRODI
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19610101 19980531
CAPLINO
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19360101 19971231
CERNIGOV
RR: 19360101 19901231
CERNOBYL
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19980531
CHERNOMORSKOYE
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19360101 present
CHERNOVTSY
TX: 19410101 20001231
TG: 19410101 19991130
TN: 19410101 19991130
RR: 19410301 19991130
CHORTKOV
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19980531
CIGIRIN
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19971231
DAREVKA
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19980531
DEBALCEVO
TX: 19360101 19991130
TG: 19360101 19991130
TN: 19360101 19991130
RR: 19360101 19991130
DNEPRODZERJINSK
RR: 19650101 19901231
DNEPROPETROVSK
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19540101 20050630
DOLINA
RR: 19590701 19901231
DOLINSKAYA
RR: 19670201 19901231
DONECK
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19590101 present
DROGOBICH
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19410101 19980531
DUBNO
RR: 19590701 19901231
DZANKOJ
TX: 19950101 19980331
TN: 19950101 19980430
RR: 19440901 19971231
FASTOV
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19980331
FEODOSIA
TX: 18810101 20041231
TG: 18810101 20041231
TN: 18820101 20041231
RR: 18810101 20041231
GADJAC
TX: 19950101 19980430
TN: 19950101 19980430
RR: 19590701 19980430
GAYSIN
TX: 19950101 19980531
TN: 19950101 19980228
RR: 19590901 19980531
GAYVORON
RR: 19360101 19901231
GENICESK
TX: 18830101 20011231
TG: 18830101 20011231
TN: 18850101 20011231
RR: 18830101 20011231
GLUHOV
RR: 19590701 19901231
GODJC
RR: 19590701 19901231
GOLUBINKA
RR: 19590701 19901231
GREBENKA
RR: 19590701 19880331
GUBINIHA
RR: 19590701 19901231
GULYAYPOLE
TX: 19950101 19980430
TN: 19950101 19980430
RR: 19590701 19951231
HERSONSSKIY
RR: 19590701 19901231
HMELNICKIJ
TX: 19950101 20050630
TG: 19950101 20050630
TN: 19950101 20050630
RR: 19590701 20050630
HMELNIK
RR: 19590701 19901231
HUST
RR: 19460701 19901231
ILICHEVSK
RR: 18940101 20011231
IMENISTARCENKO
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19450101 present
IMENY
RR: 19360101 19901231
ISHUN
RR: 19590701 19901231
IVANOFRANKOVSK
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19410101 present
IZJUM
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19370101 present
JASHKOV
TX: 19950101 19980430
TN: 19950101 19980331
RR: 19590701 19980430
KAHOVKA
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19980531
KAMENECPODOLSKIY
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19360101 19971231
KAMENKABUGSKAYA
TX: 19950101 19980531
TN: 19950101 19980331
RR: 19590701 19971231
KANEV
RR: 19660101 19901231
KARABYYALA
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KAZACHYALOPAN
RR: 19590701 19811231
KERCH
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KHARKOV
TX: 19360101 20001231
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KRASNIYLIMAN
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LOSHKAREVKA
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RR: 19360101 present
LUCK
RR: 19590701 19861231
LUGANSK
TX: 19050101 present
TG: 19050101 present
TN: 19000101 19961231
RR: 19000101 present
PP: 18500101 18801231
MANEVICHY
RR: 19590701 19901231
MARIUPOL
RR: 19360101 19750930
MEJGORE
RR: 19620101 19901231
MELITOPOL
TX: 19950101 19980430
TN: 19950101 19980430
RR: 19360101 19980430
MIHAYLOVSKIYHUTOR
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19980331
MISOVOE
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TN: 19950401 19980430
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TX: 19950101 19980531
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NIKITSKIYSAD
RR: 19590701 19901130
NIKOLAEV
TX: 19000101 20031231
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PP: 18580101 18801231
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TX: 19950101 19980531
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TN: 19950101 19980430
RR: 19590701 19980531
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TX: 19950101 19980531
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NOVOMIRGOROD
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OCHAKOV
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ODESSA
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TG: 18940101 20011231
TN: 18940101 20011231
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OSTER
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OVRUCH
TX: 19950101 19980331
TN: 19950101 19980430
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PAVLOGRAD
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PERVOMAYSK
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TN: 19950101 19980430
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PLAY
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POCHTOVOE
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POGEVSKAYA
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POLESSKOE
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POLTAVA
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TG: 19000101 present
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PORT YEVPATORIYA
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TN: 19950101 19980430
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RAHOV
RR: 19590701 19901231
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TX: 19950101 19980430
TN: 19950101 19980430
RR: 19660101 19980430
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TX: 19950101 19980331
TN: 19950101 19980430
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ROMNI
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TN: 19950101 19980430
RR: 19590701 19961231
ROVNO
TX: 19950101 present
TG: 19950101 present
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RR: 19660101 present
SAMBOR
RR: 19410101 19980531
SARATA
TX: 19950301 19980430
TN: 19950301 19980430
RR: 19590701 19971231
SARNY
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SELYATIN
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19410201 19980531
SEMENOVKA
TX: 19950101 19980430
TN: 19950101 19980228
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SERBKA
TX: 19950101 19970131
TN: 19950101 19970131
RR: 19590701 19961231
SEVASTOPOL
PP: 18650101 19901231
SHEPETIVKA
TX: 19240401 present
TG: 19240401 present
TN: 19240401 present
RR: 19240401 present
SHORS
RR: 19590701 19901130
SIMPHEROPOL
TX: 19550101 19991130
TG: 19550101 19991130
TN: 19550101 19991130
RR: 19550101 19991130
SINELNIKOVO
RR: 19590701 19891130
SLAVSKO
RR: 19360101 19901231
STAROBELSK
RR: 19590701 19890831
STEREGUSHIY
RR: 19360101 19901231
STPIY
RR: 19600101 19901231
STRELKOVOE
RR: 19360101 19901231
SUMY
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19360101 present
SVATOVO
RR: 19360401 19901231
SVITYAZ
RR: 19590701 present
TERNOPOL
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19440501 present
TETEREV
TX: 19950101 19980331
TN: 19950101 19980430
RR: 19590701 19980430
TILIGULOBEREZAYNKA
RR: 19590701 19880930
TURKA
RR: 19451001 19901231
UMAN
TX: 18850901 present
TG: 18850901 present
TN: 18850901 present
RR: 18850901 present
UZHGOROD
TX: 19460101 present
TG: 19460101 present
TN: 19460101 present
RR: 19460501 present
1460 VELIKAIA ALEKSANDROVKA
TX: 19950101 19980430
TN: 19950101 19980430
RR: 19590701 19951231
VELIKIYBEREZNIY
TX: 19950101 19980331
TN: 19950101 19980331
RR: 19460801 19980430
VELIKO ANADOLSKOE
RR: 19360101 19980430
VESELYJPODOL
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19360101 19971231
VINNICA
TX: 19360101 19991130
TG: 19360101 19991130
TN: 19360101 19991130
RR: 19360101 19991130
VLADIMIRVOLYNSKIJ
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19590701 present
VLADISLAVOVKA
RR: 18810101 20041231
VOLNOVAHA
TX: 19950101 19980430
TN: 19950101 19980430
RR: 19360101 19980430
VOROSHILOVGRAG
TX: 19690101 20060228
TG: 19690101 20060228
TN: 19690101 20060228
VOZNESENSK
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19360101 19980430
YALTA
TX: 19950101 20040531
TG: 19950101 20040531
TN: 19950101 20040531
RR: 18810101 20040531
YAMPOL
RR: 19590701 19901231
YAREMCHA
RR: 19460501 19901231
YAVROV
RR: 19590701 19980430
ZAPOROZE
TX: 19650101 present
TG: 19650101 present
TN: 19650101 present
RR: 19360101 19901231
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RR: 19590701 19901231
ZDANOV MARIUPOL
TX: 19690101 20060228
TG: 19690101 20060228
TN: 19690101 20060228
ZHITOMIR
TX: 19950101 present
TG: 19950101 present
TN: 19950101 present
RR: 19380101 present
ZHMERINKA
RR: 19590701 19901231
ZNAMENKA
TX: 19950101 19980531
TN: 19950101 19980430
RR: 19590701 19961231
ZOLOTONOSHA
RR: 19360101 19901231

UNITED KINGDOM

ABERDEEN
PP: 18610101 19951231
ABERPORTH
TX: 19600101 present
TG: 19600101 20060930
TN: 19600101 20060930
RR: 19600101 present
ALDERGROVE
TX: 19580101 present
TG: 19580101 20050630
TN: 19580101 20050630
RR: 19580101 present
ALICE HOLT LODGE
TX: 19600101 present
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TN: 19600101 20070531
RR: 19600101 present
ALWEN
TX: 19600101 20041231
TG: 19600101 20041231
TN: 19600101 20041231
RR: 19600101 20041231
ARDTALNAIG
TX: 19600101 20041231
TG: 19600101 20041231
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RR: 19600101 20041231
ARMAGH
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TG: 18440101 20041231
TN: 18440101 20041231
RR: 18380101 20041231
PP: 18500101 20011231
SD: 19590101 20041231
SS: 19590101 20041231
ASKHAM BRYAN
TX: 19580101 present
TG: 19590101 present
TN: 19590101 present
RR: 19610101 present
AUCHINCRUIVE
TX: 19600101 present
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RR: 19600101 present
BALMORAL
TX: 19600101 20041231
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BENMORE
TX: 19600101 20041231
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RR: 19600101 20041231
BIRMINGHAM
TX: 17720101 present
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RR: 19600101 19971031
BLACKPOOL
TX: 19600101 20060228
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BLYTH BRIDGE
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RR: 19600101 present
BOURNEMOUTH
TX: 19600101 present
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TN: 19600101 20060228
RR: 19600101 present
BOWHILL
TX: 19600101 20041231
TG: 19600101 20041231
TN: 19600101 20041231
RR: 19600101 20041231
BRADFORD
TX: 19600101 20041231
TG: 19600101 20041231
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RR: 19600101 20041231
BRAEMAR
TX: 19600101 20041231
TG: 19600101 20041231
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RR: 19600101 20041231
BRIZE NORTON
TX: 18530101 present
TG: 18530101 present
TN: 18530101 present
RR: 18530101 present
BUDE
TX: 19600101 20041231
TG: 19600101 20041231
TN: 19600101 20041231
RR: 19600101 20041231
BUTE
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BUXTON
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RR: 19600101 present
CAMBORNE
TX: 19780901 present
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RR: 19780901 present
CAMBRIDGE
TX: 19580101 20041231
TG: 19580101 20041231
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RR: 18980101 20041231
CAPE WRATH
TX: 19600101 19911231
TG: 19600101 19911231
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RR: 19600101 19911231
CARDIFF
TX: 19600101 present
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TN: 19600101 20060228
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CARLISLE
RR: 19610101 19940331
CARNWATH
TX: 19600101 present
TG: 19600101 present
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RR: 19600101 present
CET CENTRAL ENGLAND
TX: 17720101 present
TG: 17720101 20060731
TN: 18780101 20060731

COLTISHALL
TX: 19630101 present
TG: 19630101 present
TN: 19630101 present
CRAIBSTONE
TX: 19580101 present
TG: 19580101 20070630
TN: 19580101 20070630
RR: 19590101 present
CWMYSTWYTH
TX: 19580101 20041231
TG: 19590101 20041231
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RR: 19610101 20041231
DALE FORT
TX: 19580101 present
TG: 19590101 present
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RR: 19610101 present
DUNBAR
TX: 19600101 20041231
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RR: 19600101 20041231
DURHAM
PP: 18500101 18811231
DYCE
TX: 19580101 present
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RR: 19590101 present
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TX: 19600101 20041231
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EASTBOURNE
TX: 19600101 present
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ESKDALEMUIR
CC: 19570101 present
HU: 19570101 20041231
TX: 19540101 present
TG: 19540101 20060630
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EVERTON
TX: 19600101 present
TG: 19600101 20060228
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RR: 19600101 present
EXETER
TX: 19600101 20060228
TG: 19600101 20060228
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FASKALLY
TX: 19600101 20041231
TG: 19600101 20041231
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RR: 19600101 20041231
FINNINGLEY
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GIBRALTAR
PP: 18500101 20021231
GLENLEE
TX: 19600101 20041231
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GOGERDDAN
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TX: 19580101 present
TG: 19590101 20041231
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RR: 19590101 present
GRIZEDALE
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GUERNSEY
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RR: 19600101 present
HALESOWEN
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TG: 19600101 20041031
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HAMPSTEAD
TX: 19600101 20041231
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HASTINGS
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TG: 19580101 20041231
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TX: 19590101 present
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RR: 19310101 present
SD: 19590101 20071031
SS: 19590101 19860831
HURN
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JERSEY
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LEADHILLS
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LECKFORD
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TG: 19660101 present
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LERWICK
TX: 19301201 present
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RR: 19301201 present
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TX: 19580101 present
TG: 19590101 20070831
TN: 19590101 20070831
RR: 19590101 present
LOGGERHEADS
TX: 19600101 20041231
TG: 19601201 20040630
TN: 19600101 20041231
RR: 19600101 20041231
LONDON
TX: 19600101 present
TG: 19600101 present
TN: 19600101 present
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PP: 18500101 18811231
LONG ASHTON
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RR: 19580101 20021231
LOUGH NAVAR FOREST
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TG: 19610901 20041231
TN: 19610101 20041231
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LOWESTOFT
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TG: 19600101 20041231
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LYNEHAM
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TG: 19600101 present
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RR: 19600101 present
LYONSHALL
TX: 19600101 20041231
TG: 19600101 20041231
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RR: 19600101 20041231
MALHAM TARN
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MALVERN
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MANSTON
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MYLNEFIED
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TX: 19600101 20041231
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NEWTOWN LINFORD
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NOTTINGHAM
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RR: 19600101 present
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TN: 19600101 20060630
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OXFORD
TX: 18530101 present
TG: 18530101 present
TN: 18530101 present
RR: 18530101 present
SD: 19590101 present
SS: 19301201 20041231
PAISLEY
TX: 19580101 present
TG: 19590101 20050331
TN: 19590101 20050331
RR: 19590101 present
PENICUIK
TX: 19600101 20041231
TG: 19600101 20041231
TN: 19600101 20041231
RR: 19600101 20041231
PLYMOUTH
TX: 19600101 present
TG: 19600101 present
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RR: 19600101 present
PLYMOUTH
PP: 18610101 18811231
PRESTON
TX: 19600101 20060228
TG: 19600101 20060228
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RR: 19600101 20041231
PRESTWICK
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RR: 19600101 present
RHUM
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RR: 19600101 20041231
RINGWAY
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TG: 19580101 20041031
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RR: 19580101 20041231
RONALDSWAY
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TG: 19600101 20070831
TN: 19600101 20070831
RR: 19600101 present
ROTHAMSTED
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TG: 19600101 20041231
TN: 19600101 20041231
RR: 19600101 20041231
SHAWBURY
TX: 19580101 present
TG: 19580101 20071031
TN: 19580101 20071031
RR: 19580101 present
SHEFFIELD
TX: 19600101 20041231
TG: 19600101 20041231
TN: 19600101 20041231
RR: 19600101 20041231
SKEGNESS
TX: 19600101 present
TG: 19600101 present
TN: 19600101 present
RR: 19600101 present
SLAPTON
TX: 19600101 20041231
TG: 19600501 20041231
TN: 19600101 20041231
RR: 19600101 20041231
ST MAWGAN
TX: 19600101 present
TG: 19600101 present
TN: 19600101 present
RR: 19600101 present
ST. MAWGAN
TX: 19600101 present
TG: 19600101 present
TN: 19600101 present
RR: 19600101 present
STANSTED
TX: 19600101 present
TG: 19600101 present
TN: 19600101 present
RR: 19600101 19911231
STORMONT CASTLE
TX: 19600101 20041231
TG: 19600101 20041231

TN: 19600101 20041231
RR: 19600101 20041231
STORNOWAY
TX: 18730701 present
TG: 18730701 20050930
TN: 18730701 20050930
RR: 19300101 present
STORNOWAY
TX: 18730701 present
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RR: 19600101 20041231
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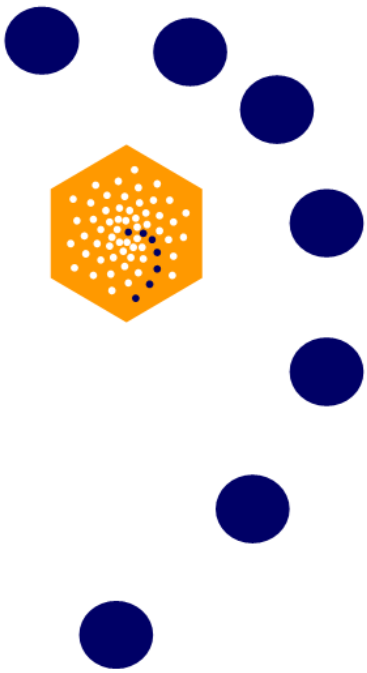

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