

AirBase - Exchange of information - maps methodology

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Location and concentration maps were created using AirBase version6 as data source:
<http://www.eea.europa.eu/data-and-maps/data/airbase-the-european-air-quality-database-6>

Two tables have been used: Airbase_v6_station and Airbase_v6_statistic, both are available for download from the URL mentioned above.

- Location maps: location of stations for which 2010 air quality data for components O3, PM10, NO2, SO2, C6H6, PM2.5, Pb and CO have been reported.
 Distinction is shown if stations report a component for the first time or not.

SQL query used:

```
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,station_legend from
Airbase_v6_station
inner join
(select station_european_code,component_code,component_caption,component_name,'Station reporting this
component for the first time in 2010' as station_legend,count(distinct statistics_year) as CountDistinctYear from
Airbase_v6_statistic
where component_code in
(/*SO2*/1,/*NO2*/8,/*PM10*/5,/*PM2.5*/6001,/*Pb*/12,5012/*CO*/10,/*C6H6*/20,/*O3*/7)
group by station_european_code,component_code,component_caption,component_name
having count(distinct statistics_year)=1 and max(statistics_year)=2010
union
select station_european_code,component_code,component_caption,component_name,'Station reporting this component
for 2010 but not for the first time',count(distinct statistics_year) from Airbase_v6_statistic
where component_code in (/SO2*/1,/*NO2*/8,/*PM10*/5,/*PM2.5*/6001,/*Pb*/12,
5012/*CO*/10,/*C6H6*/20,/*O3*/7)
group by station_european_code,component_code,component_caption,component_name
having count(distinct statistics_year)<>1 and max(statistics_year)=2010
) as TableA
on Airbase_v6_station.station_european_code=TableA.station_european_code
order by Airbase_v6_station.station_european_code,component_code,station_legend
```

- Concentration maps: observed concentration maps for which 2010 air quality data for components O3, PM10, NO2, SO2, C6H6, PM2.5, CO, Bap, Pb, Cd, As and Ni have been reported.
 Distinction is shown by specific relevant thresholds for each component.

SQL query used:

```
/*NO2*/
--<=20
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'<=20' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='8' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value<=20
union
-->20 - <=40
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'20 - <=40' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='8' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>20 and statistic_value<=40)
union
-->40 - <=45
```

```

select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'40 - <=45' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='8' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>40 and statistic_value<=45)
union
-->45
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'>45' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='8' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value>45
union
/*SO2*/
--<=5
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'<=5' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='1' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value<=5
union
-->5 - <=10
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'5 - <=10' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='1' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>5 and statistic_value<=10)
union
-->10 - <=20
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'10 - <=20' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='1' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>10 and statistic_value<=20)
union
-->20 - <=25
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'20 - <=25' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='1' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>20 and statistic_value<=25)
union
-->25
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d

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eg,station_latitude_deg,'>25' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='1' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value>25
union
/*PM10*/
--<=20
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'<=20' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='5' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value<=20
union
-->30 - <=31
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'20 - <=31' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='5' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>20 and statistic_value<=31)
union
-->31 - <=40
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'31 - <=40' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='5' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>31 and statistic_value<=40)
union
-->40
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'>40' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='5' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value>40
union
/*PM2.5*/
--<=10
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'<=10' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='6001' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value<=10
union
-->10 - <=20
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'10 - <=20' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid

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from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='6001' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>10 and statistic_value<=20)
union
-->20 - <=25
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'20 - <=25' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='6001' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>20 and statistic_value<=25)
union
-->25 - <=30
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'25 - <=30' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='6001' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>25 and statistic_value<=30)
union
-->30
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'>30' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='day' and statistics_percentage_valid>=75 and component_code='6001' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value>30
union
/*CO*/
--<0.5
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'<=0.5' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='10' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value<=0.5
union
-->0.5 - <=1
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'0.5 - <=1' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='10' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>0.5 and statistic_value<=1)
union
-->1 - <=2
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'1 - <=2' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code

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where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='10' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>1 and statistic_value<=2)
union
-->2
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'>2' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='10' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value>2
union
/*C6H6*/
--<=2
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'<=2' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=50 and component_code='20' and statistics_year=2010 and
statistic_shortcode='mean' and statistic_value<=2
union
-->2 - <=5
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'2 - <=5' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=50 and component_code='20' and statistics_year=2010 and
statistic_shortcode='mean' and (statistic_value>2 and statistic_value<=5)
union
-->5 - <=8
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'5 - <=8' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=50 and component_code='20' and statistics_year=2010 and
statistic_shortcode='mean' and (statistic_value>5 and statistic_value<=8)
union
-->8
select
Airbase_v6_station.station_european_code,component_code,component_caption,component_name,station_longitude_d
eg,station_latitude_deg,'>8' as station_legend, statistics_average_group, statistics_year,
statistic_shortcode,statistic_value, measurement_unit, statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=50 and component_code='20' and statistics_year=2010 and
statistic_shortcode='mean' and statistic_value>8
union
/*O3*/
--<=60
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'<=60' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='7' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value<=60

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union
-->60 - <=80
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'60 - <=80' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='7' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>60 and statistic_value<=80)
union
-->80 - <=100
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'80 - <=100' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='7' and
statistics_year=2010 and statistic_shortcode='mean' and (statistic_value>80 and statistic_value<=100)
union
-->100
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'>100' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='7' and
statistics_year=2010 and statistic_shortcode='mean' and statistic_value>100
union

/*Bap*/
--<=0.4
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'<=0.4' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('6015','5029','5129','1029') and statistics_year=2010
and statistic_shortcode='mean' and statistic_value<=0.4
union
-->0.4 - <=0.6
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'0.4 - <=0.6' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('6015','5029','5129','1029') and statistics_year=2010
and statistic_shortcode='mean' and (statistic_value>0.4 and statistic_value<=0.6)
union
-->0.6 - <=1
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'0.6 - <=1.0' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('6015','5029','5129','1029') and statistics_year=2010
and statistic_shortcode='mean' and (statistic_value>0.6 and statistic_value<=1)
union
-->1 - <=1.2

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select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'1 - <=1.2' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('6015','5029','5129','1029') and statistics_year=2010
and statistic_shortcode='mean' and (statistic_value>1 and statistic_value<=1.2)
union
-->1.2
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'>1.2' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('6015','5029','5129','1029') and statistics_year=2010
and statistic_shortcode='mean' and statistic_value>1.2
union
/*O3*/
--<=100
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'<=100' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='7' and
statistics_year=2010 and statistic_shortcode='Max26' and statistic_value<=100
union
-->100 - <=110
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'100 - <=110' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='7' and
statistics_year=2010 and statistic_shortcode='Max26' and (statistic_value>100 and statistic_value<=110)
union
-->110 - <=120
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'110 - <=120' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='7' and
statistics_year=2010 and statistic_shortcode='Max26' and (statistic_value>110 and statistic_value<=120)
union
-->120 - <=140
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'120 - <=140' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='7' and
statistics_year=2010 and statistic_shortcode='Max26' and (statistic_value>120 and statistic_value<=140)
union
--<=100
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'>140' as

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station_legend, statistics_average_group, statistics_year, statistic_shortcode, statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_average_group='dymax' and statistics_percentage_valid>=75 and component_code='7' and
statistics_year=2010 and statistic_shortcode='Max26' and statistic_value>140
union
/*Pb*/
--<=0.1
select Airbase_v6_station.station_european_code,
component_code, component_caption, component_name, station_longitude_deg, station_latitude_deg, '<=0.1' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode, statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('12','5012') and statistics_year=2010 and
statistic_shortcode='mean' and statistic_value<=0.1
union
--0.1 -<=0.25
select Airbase_v6_station.station_european_code,
component_code, component_caption, component_name, station_longitude_deg, station_latitude_deg, '0.1 - <=0.25' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode, statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('12','5012') and statistics_year=2010 and
statistic_shortcode='mean' and (statistic_value>0.1 and statistic_value<=0.25)

union
--0.25 -<=0.5
select Airbase_v6_station.station_european_code,
component_code, component_caption, component_name, station_longitude_deg, station_latitude_deg, '0.25 - <=0.5' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode, statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('12','5012') and statistics_year=2010 and
statistic_shortcode='mean' and (statistic_value>0.25 and statistic_value<=0.5)
union
-->0.5
select Airbase_v6_station.station_european_code,
component_code, component_caption, component_name, station_longitude_deg, station_latitude_deg, '>0.5' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode, statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('12','5012') and statistics_year=2010 and
statistic_shortcode='mean' and statistic_value>0.5
union
/*Cd*/
--<=2
select Airbase_v6_station.station_european_code,
component_code, component_caption, component_name, station_longitude_deg, station_latitude_deg, '<=2' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode, statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('14','5014') and statistics_year=2010 and
statistic_shortcode='mean' and statistic_value<=2
union
--2 -<=3
select Airbase_v6_station.station_european_code,
component_code, component_caption, component_name, station_longitude_deg, station_latitude_deg, '2 - <=3' as

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station_legend, statistics_average_group, statistics_year, statistic_shortcode, statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('14','5014') and statistics_year=2010 and
statistic_shortcode='mean' and (statistic_value>2 and statistic_value<=3)
union
--3 -<=5
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'3 - <=5' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('14','5014') and statistics_year=2010 and
statistic_shortcode='mean' and (statistic_value>3 and statistic_value<=5)
union
-->5
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'>5' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('14','5014') and statistics_year=2010 and
statistic_shortcode='mean' and statistic_value>5
union
/*As*/
--<=2
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'<=2' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('18','5018') and statistics_year=2010 and
statistic_shortcode='mean' and statistic_value<=2
union
--2 -<=4
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'2 - <=4' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('18','5018') and statistics_year=2010 and
statistic_shortcode='mean' and (statistic_value>2 and statistic_value<=4)
union
--4 -<=6
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'4 - <=6' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('18','5018') and statistics_year=2010 and
statistic_shortcode='mean' and (statistic_value>4 and statistic_value<=6)
union
-->6
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'>6' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station

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inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('18','5018') and statistics_year=2010 and
statistic_shortcode='mean' and statistic_value>6
union
/*Ni*/
--<=10
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'<=10' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('15','5015') and statistics_year=2010 and
statistic_shortcode='mean' and statistic_value<=10
union
--10 -<=15
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'10 - <=15' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('15','5015') and statistics_year=2010 and
statistic_shortcode='mean' and (statistic_value>10 and statistic_value<=15)
union
--15 -<=20
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'15 - <=20' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('15','5015') and statistics_year=2010 and
statistic_shortcode='mean' and (statistic_value>15 and statistic_value<=20)
union
-->20
select Airbase_v6_station.station_european_code,
component_code,component_caption,component_name,station_longitude_deg,station_latitude_deg,'>20' as
station_legend, statistics_average_group, statistics_year, statistic_shortcode,statistic_value, measurement_unit,
statistics_percentage_valid
from Airbase_v6_station
inner join dbo.Airbase_v6_statistic
on Airbase_v6_station.station_european_code=Airbase_v6_statistic.station_european_code
where statistics_percentage_valid>=14 and component_code in ('15','5015') and statistics_year=2010 and
statistic_shortcode='mean' and statistic_value>20
order by component_code, Airbase_v6_station.station_european_code

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