

Beweissicherung zur Maßnahme
„Anpassung der Fahrrinne der Unter- und Außenelbe an die Containerschifffahrt“

Bitte wählen Sie...

Querprofile

Querprofile an den Dauermessstellen

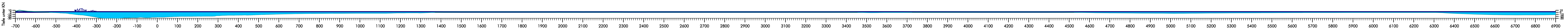
Längsprofile

Topographische Entwicklung der Nebenelben

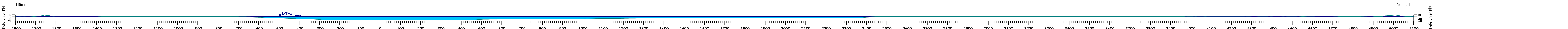
Topographische Entwicklung Mühlenberger Loch

Querprofile 2010

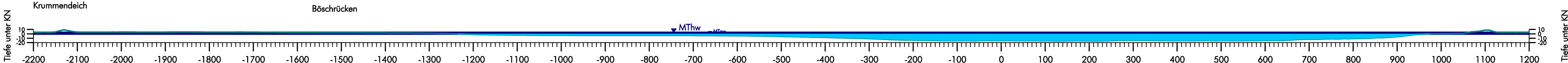
Km 717,25



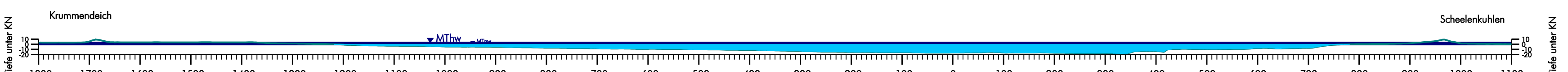
Km 703,0



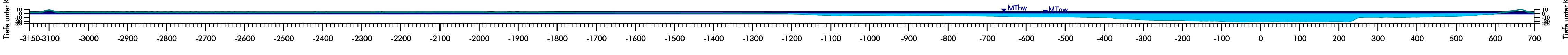
Km 693,0



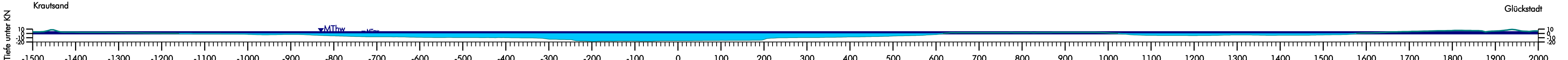
Km 686,0



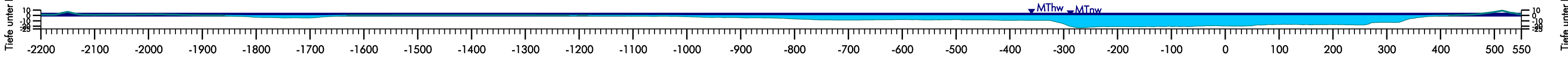
Km 681,59



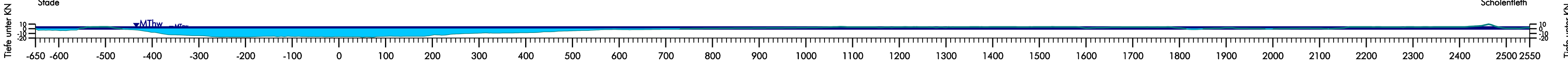
Km 673,0



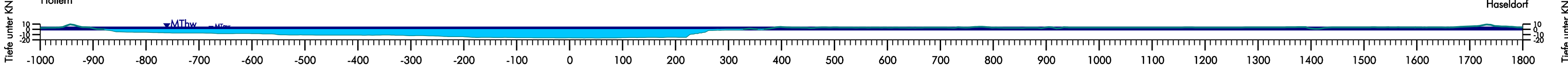
Km 667,35



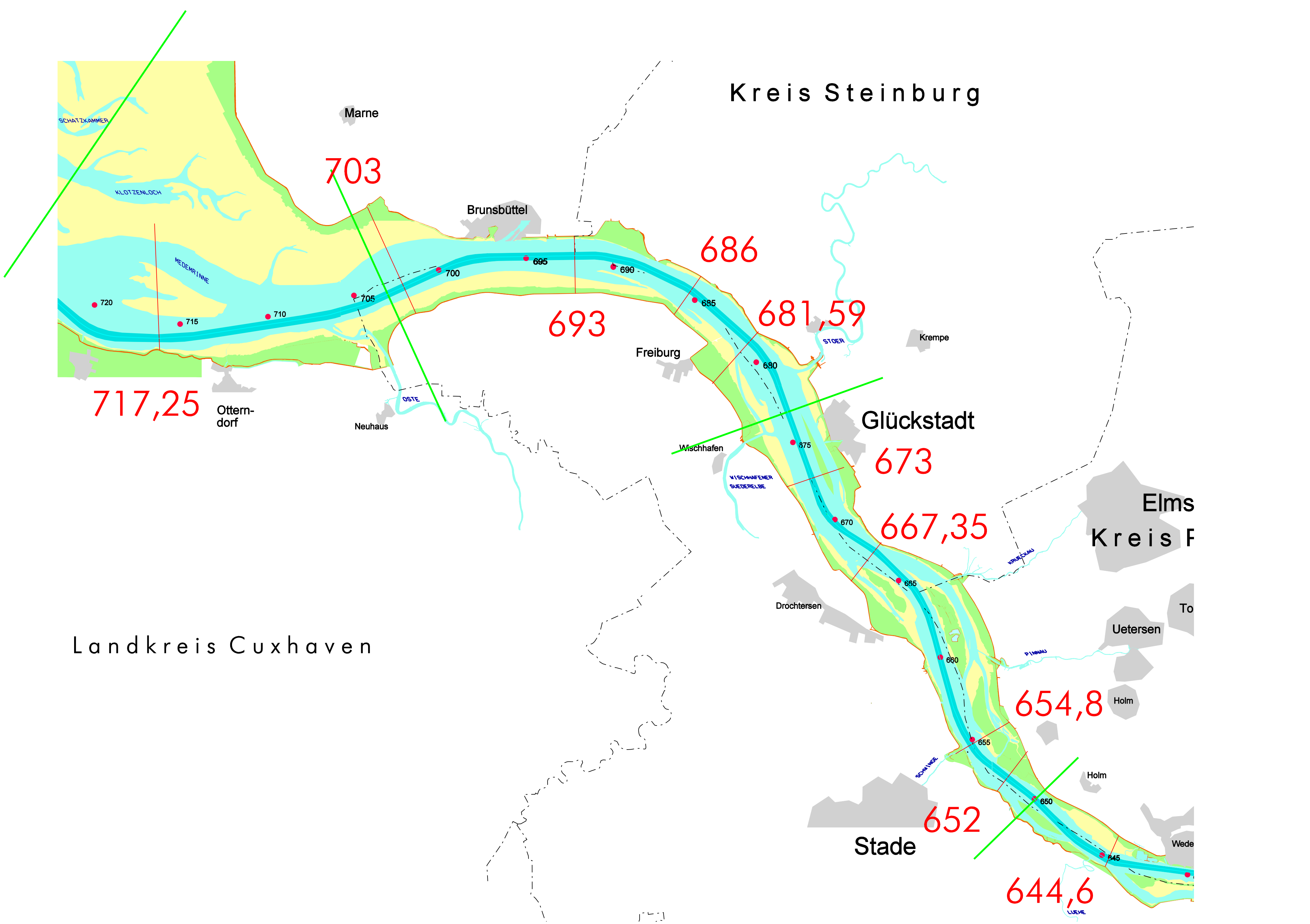
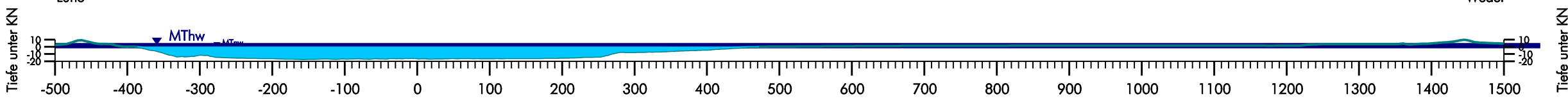
Km 654,8



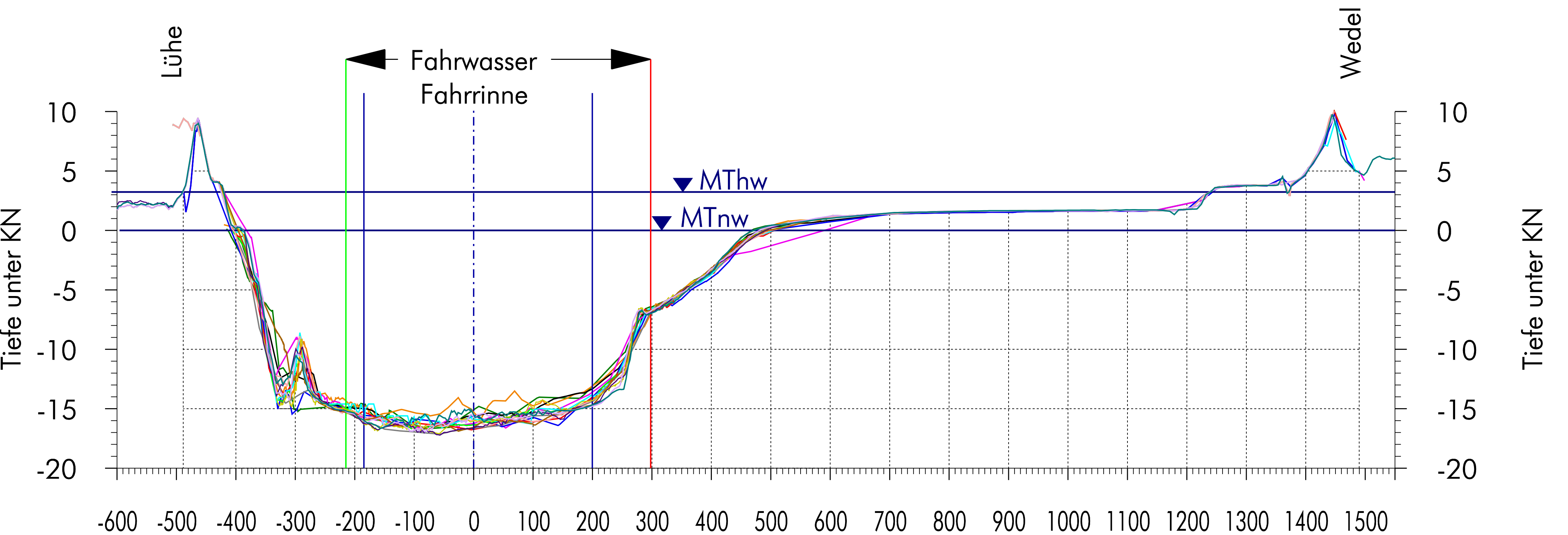
Km 652,0



Km 644,6

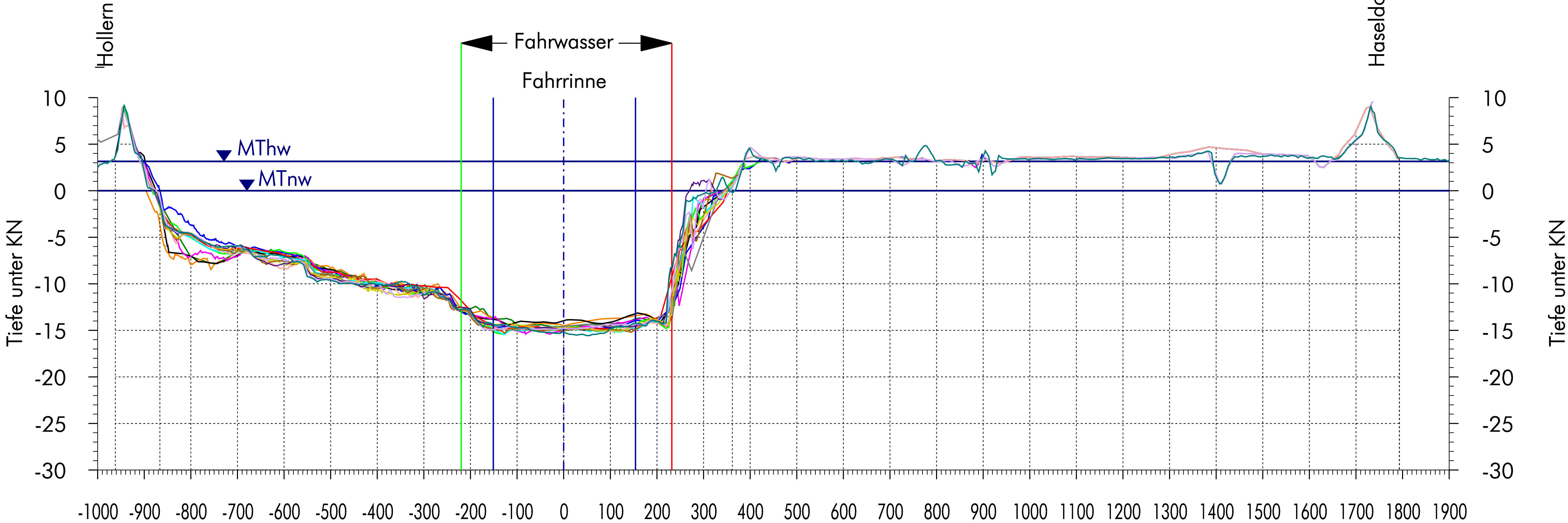


Km 644,6



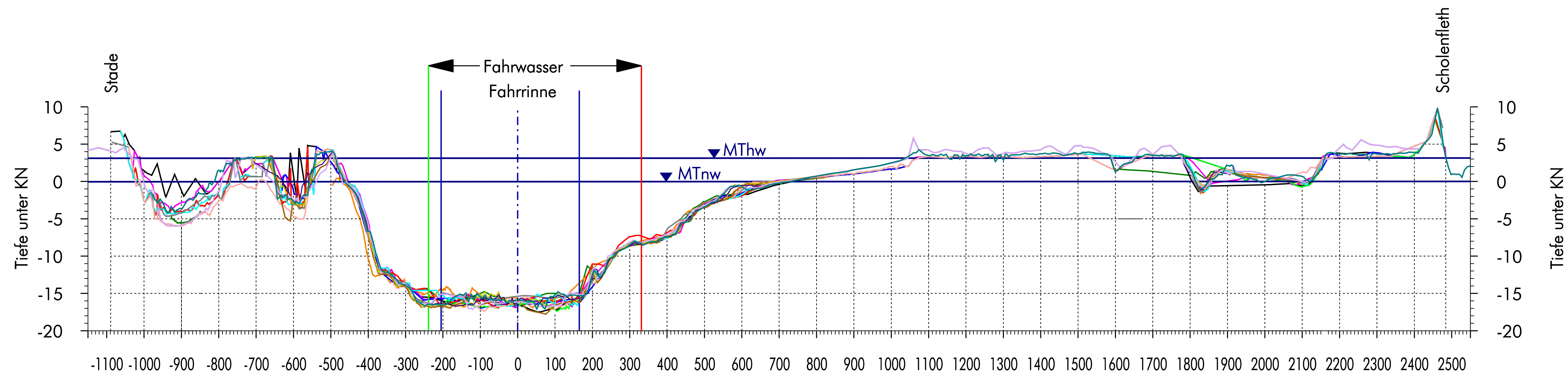
 1995	 2000	 2004	 2008
 1997	 2001	 2005	 2009
 1998	 2002	 2006	 2010
 1999	 2003	 2007	
20-fach überhöht			

Km 652,0



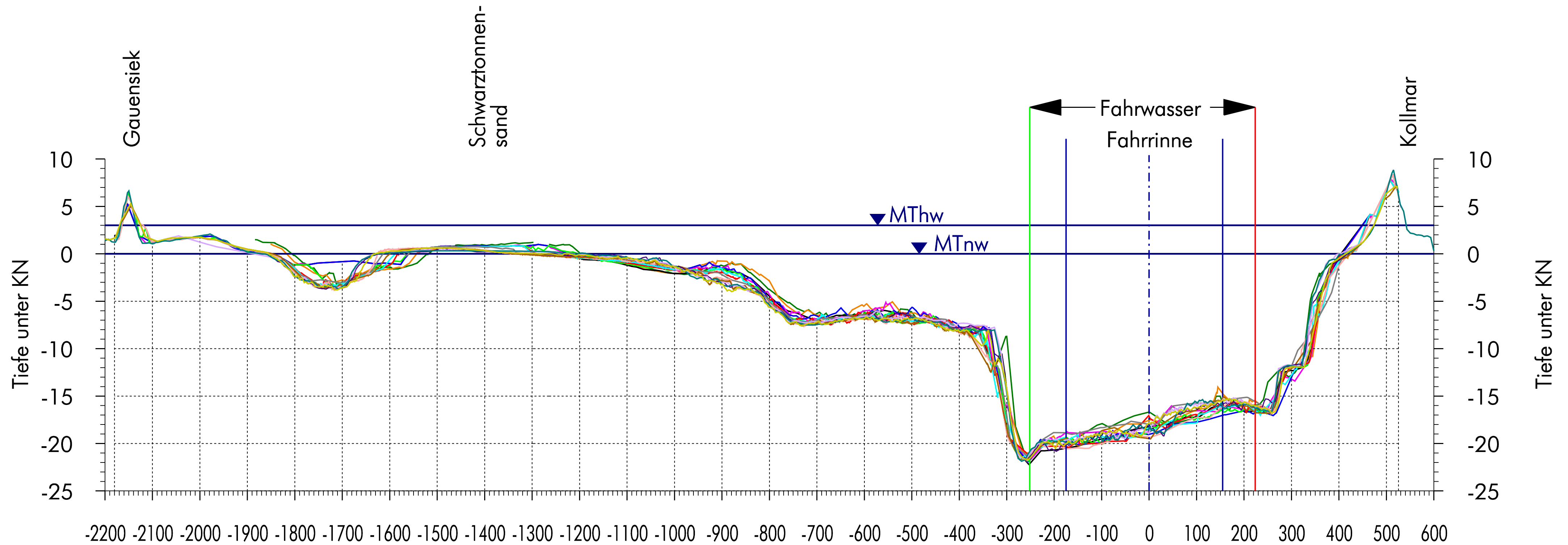
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 1997	 2001	 2005	 2009
 1998	 2002	 2006	 2010
 1999	 2003	 2007	
20-fach überhöht			

Km 654,8



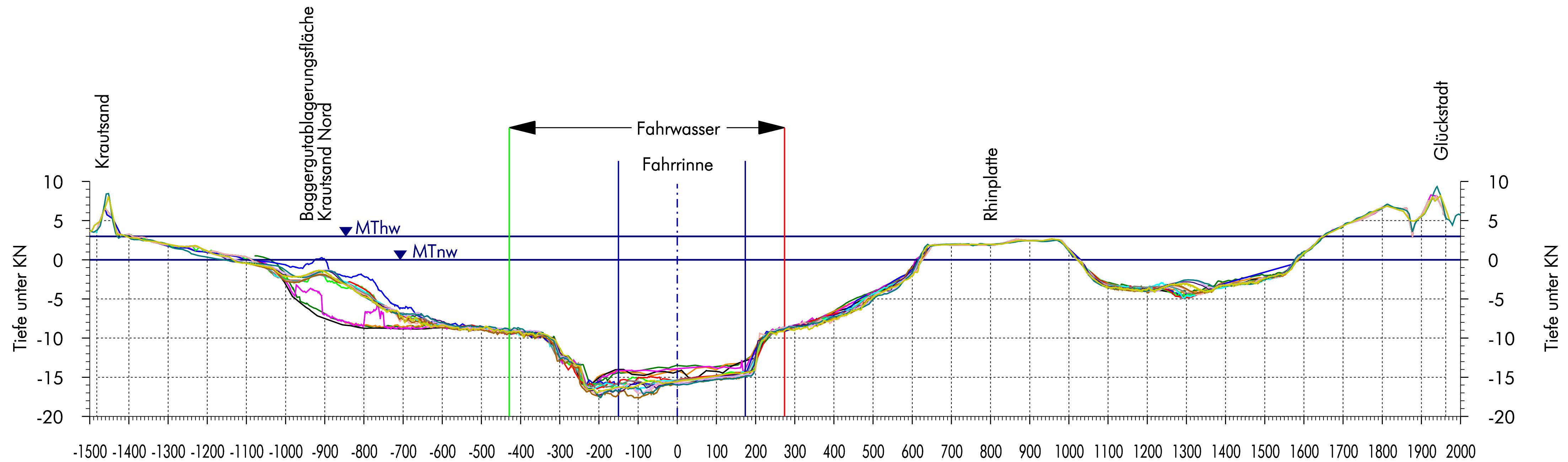
1995	2000	2004	2008
1997	2001	2005	2009
1998	2002	2006	2010
1999	2003	2007	
20-fach überhöht			

Km 667,35



1995	2000	2004	2008
1997	2001	2005	2009
1998	2002	2006	2010
1999	2003	2007	
20-fach überhöht			

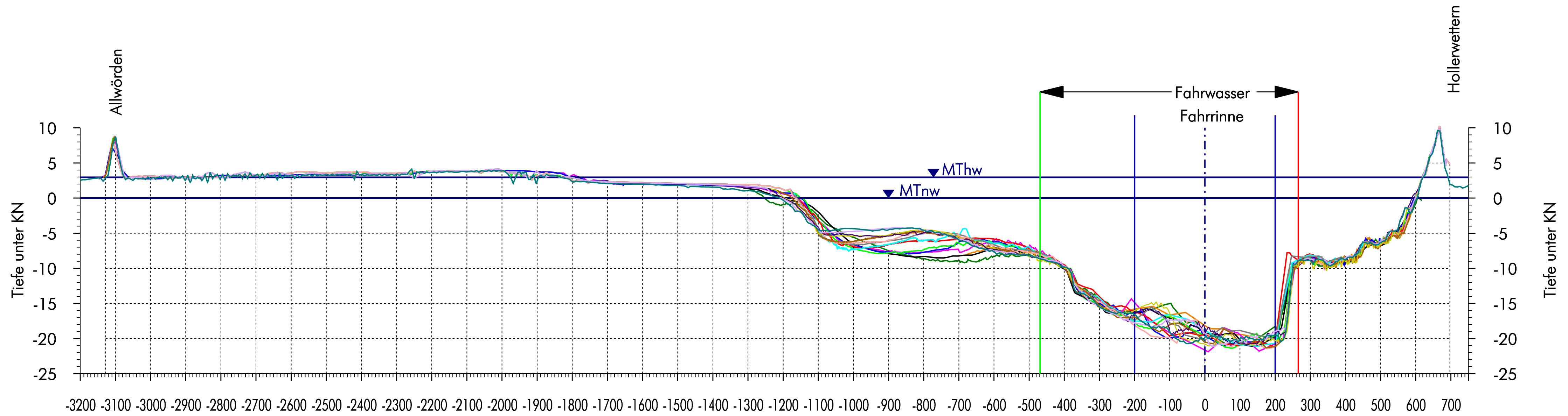
Km 673,0



 1995	 2000	 2004	 2008
 1997	 2001	 2005	 2009
 1998	 2002	 2006	 2010
 1999	 2003	 2007	

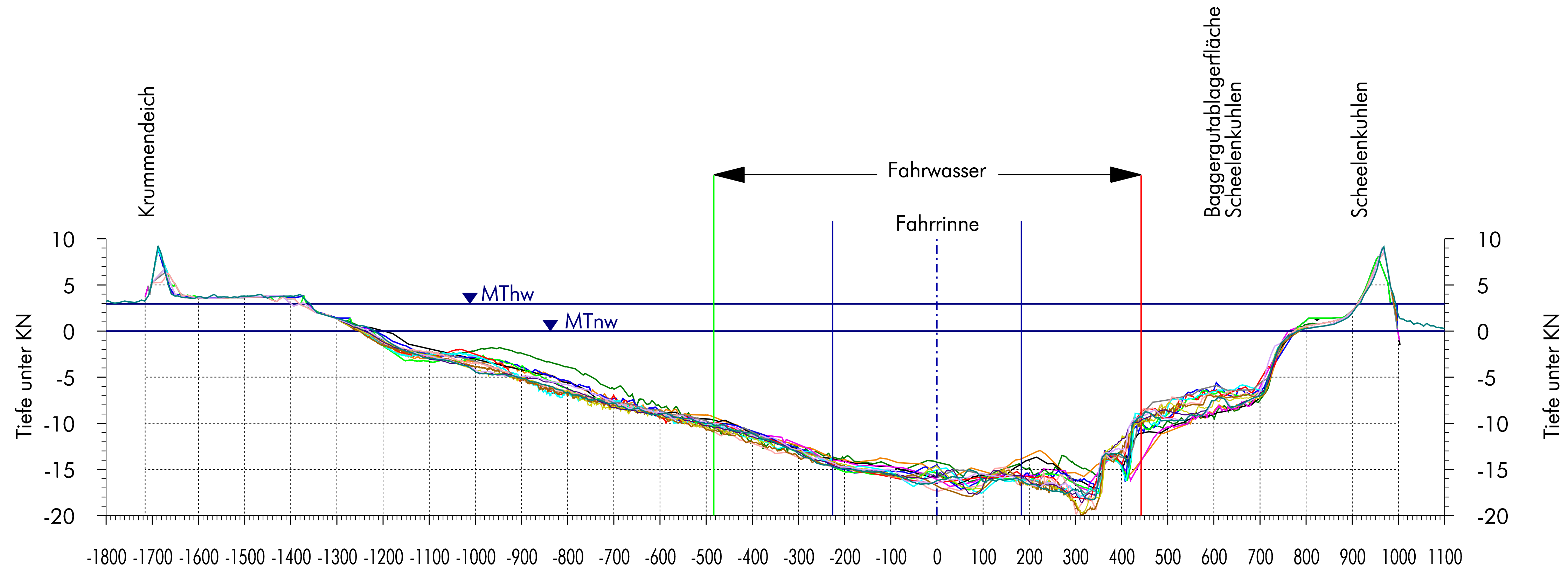
20-fach überhöht

Km 681,59



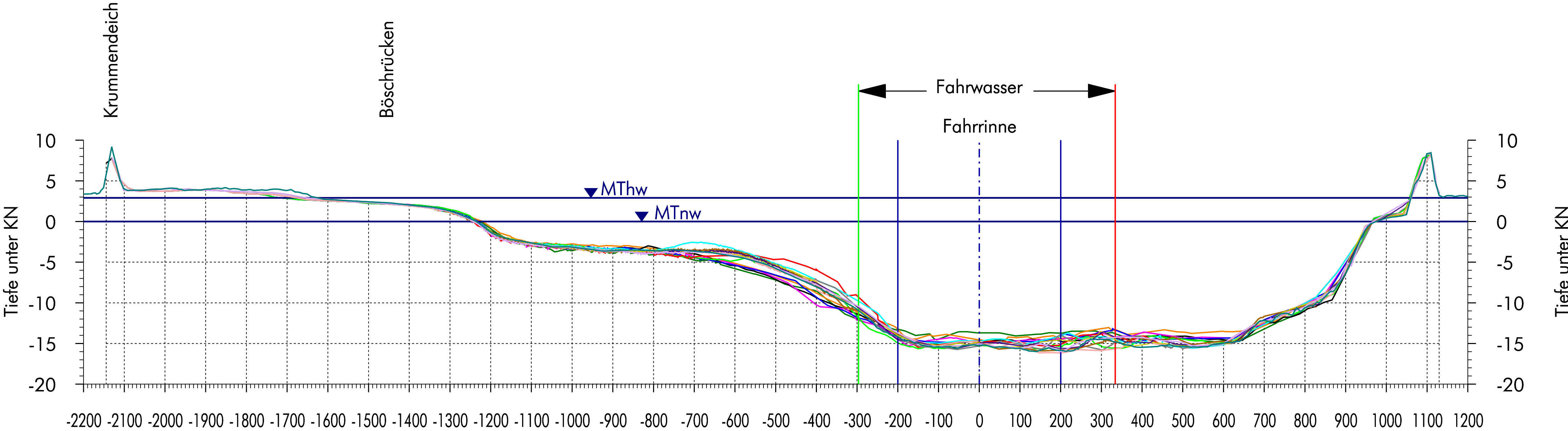
 1995	 2000	 2004	 2008
 1997	 2001	 2005	 2009
 1998	 2002	 2006	 2010
 1999	 2003	 2007	
20-fach überhöht			

Km 686,0

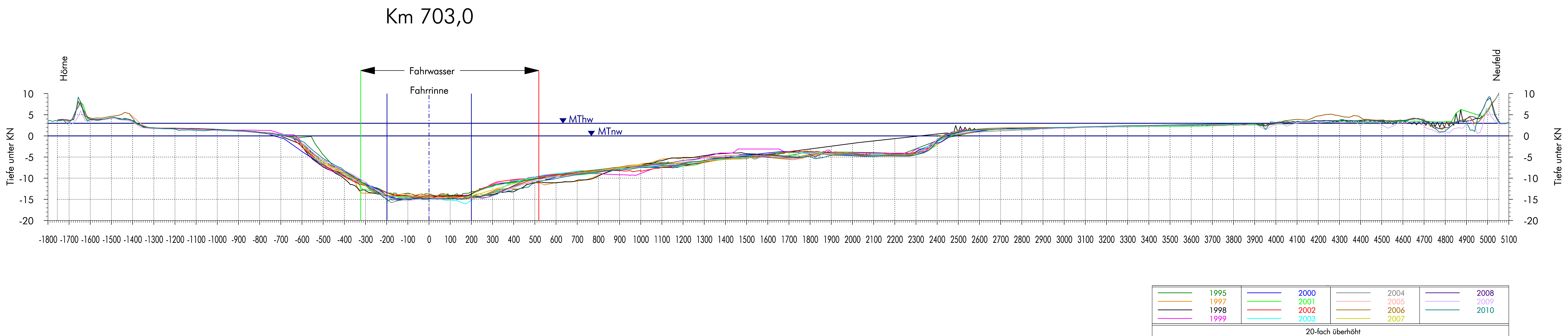


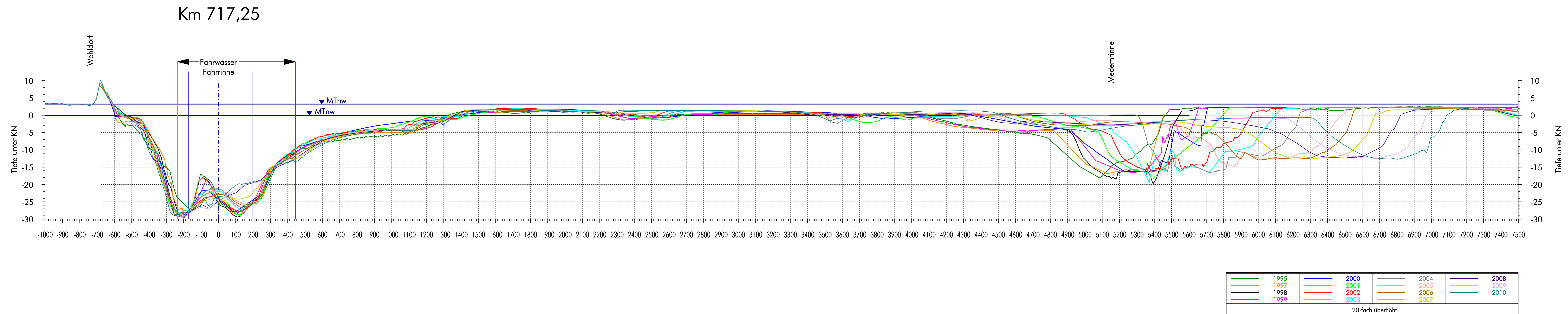
 1995	 2000	 2004	 2008
 1997	 2001	 2005	 2009
 1998	 2002	 2006	 2010
 1999	 2003	 2007	
20-fach überhöht			

Km 693,0



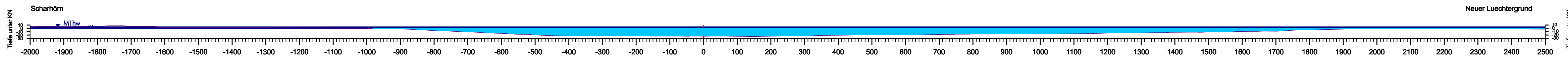
 1995	 2000	 2004	 2008
 1997	 2001	 2005	 2009
 1998	 2002	 2006	 2010
 1999	 2003	 2007	
20-fach überhöht			



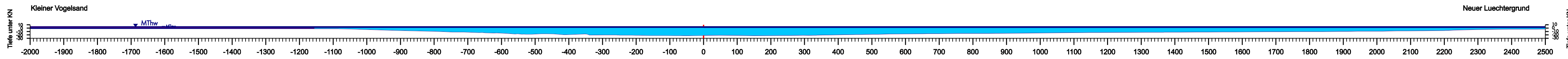


Querprofile an Dauermessstellen 2010

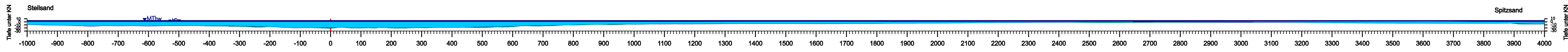
Lz 5 Tonne



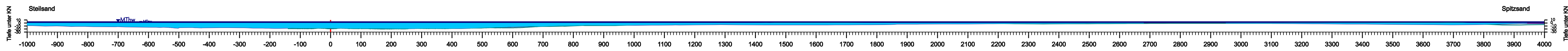
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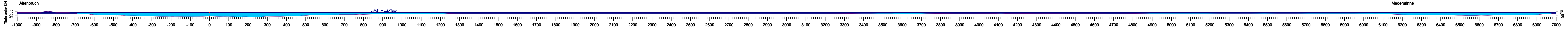
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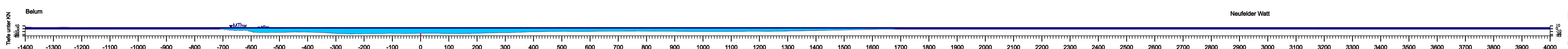
Lz 4



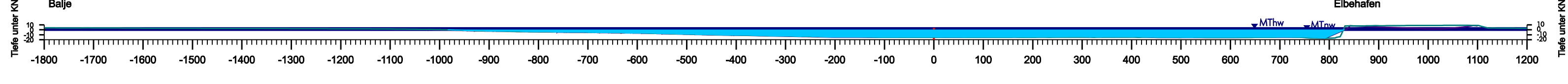
Lz 3



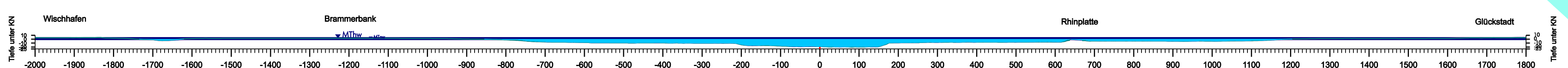
Lz 2



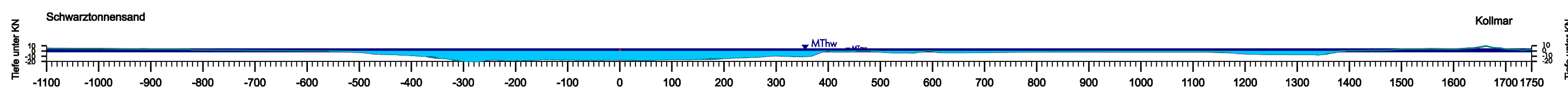
Lz 1



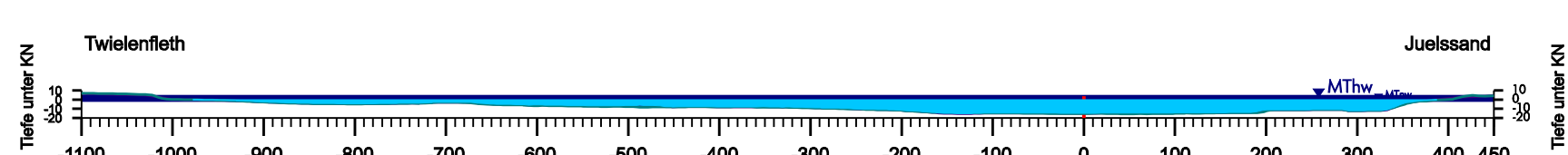
D4



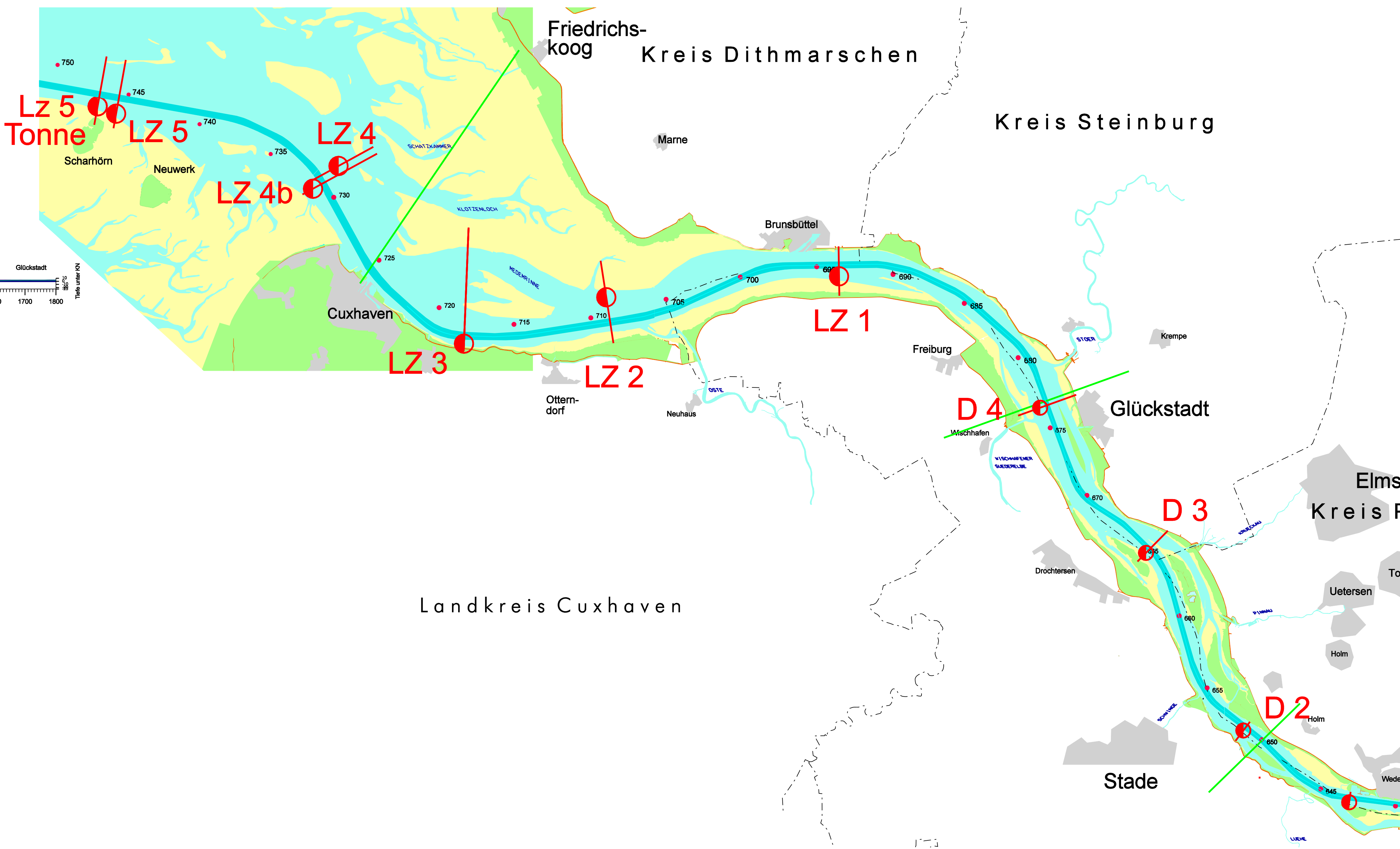
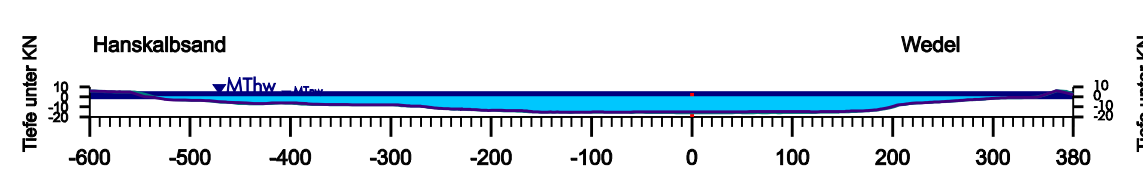
D3



D2

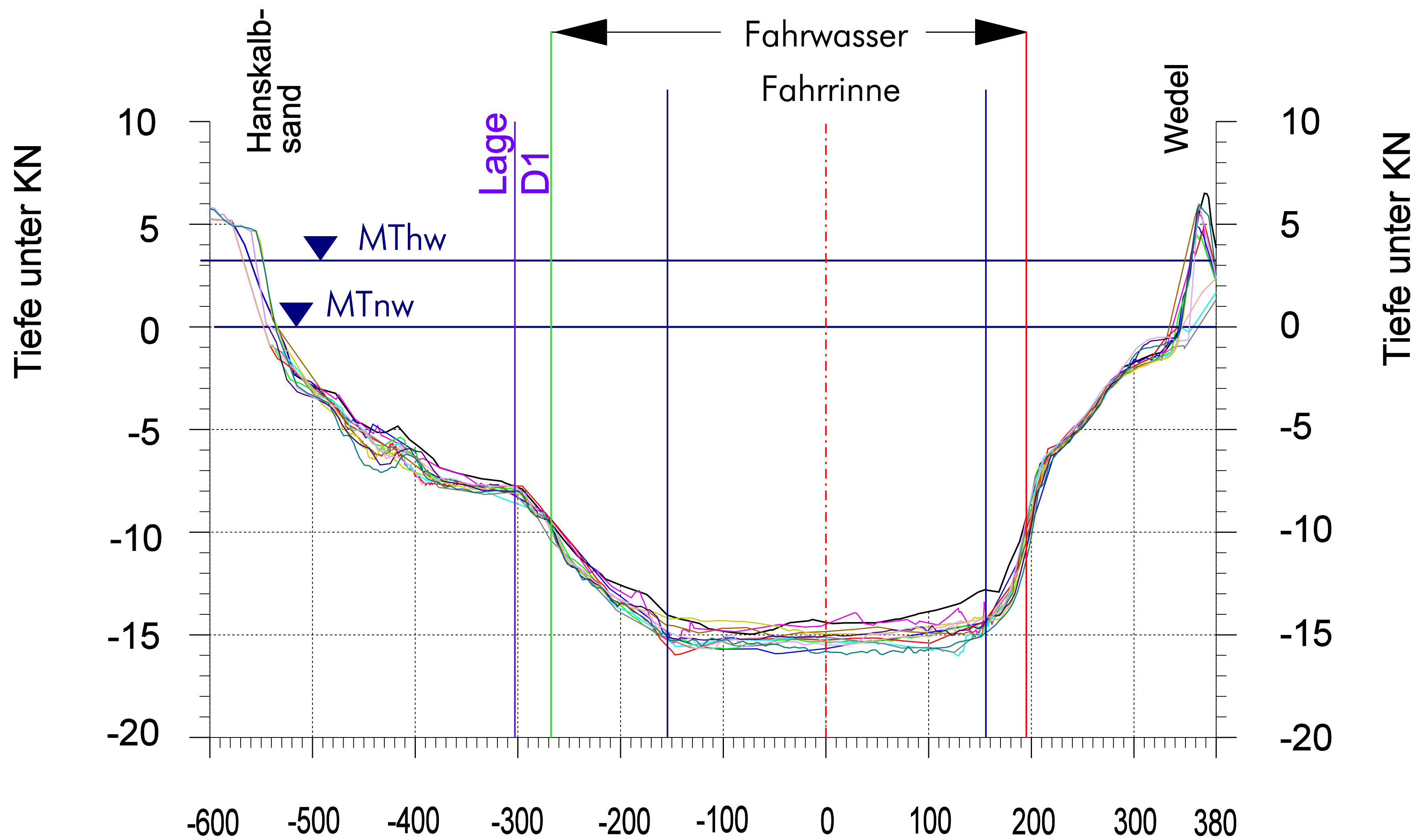


D1



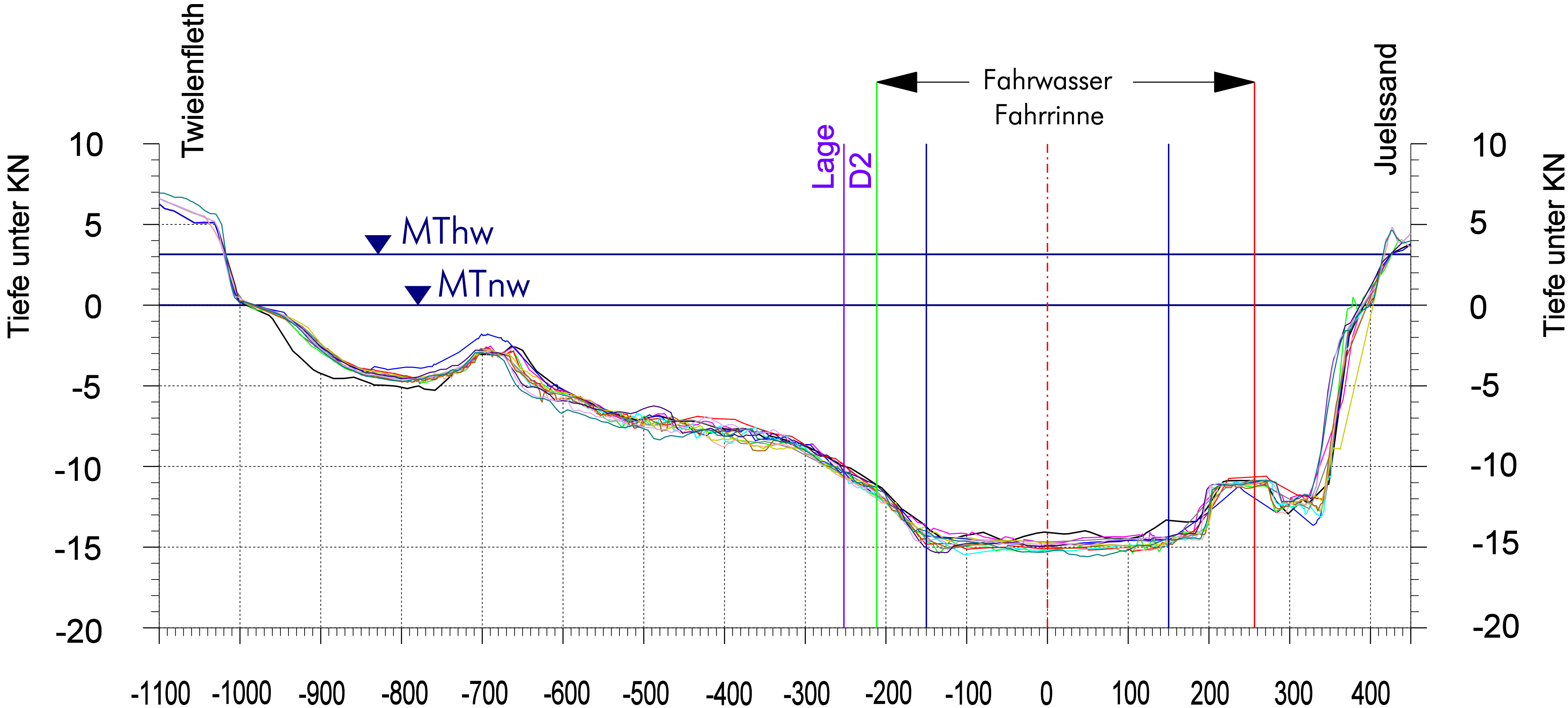
D1

Stromkilometer 643



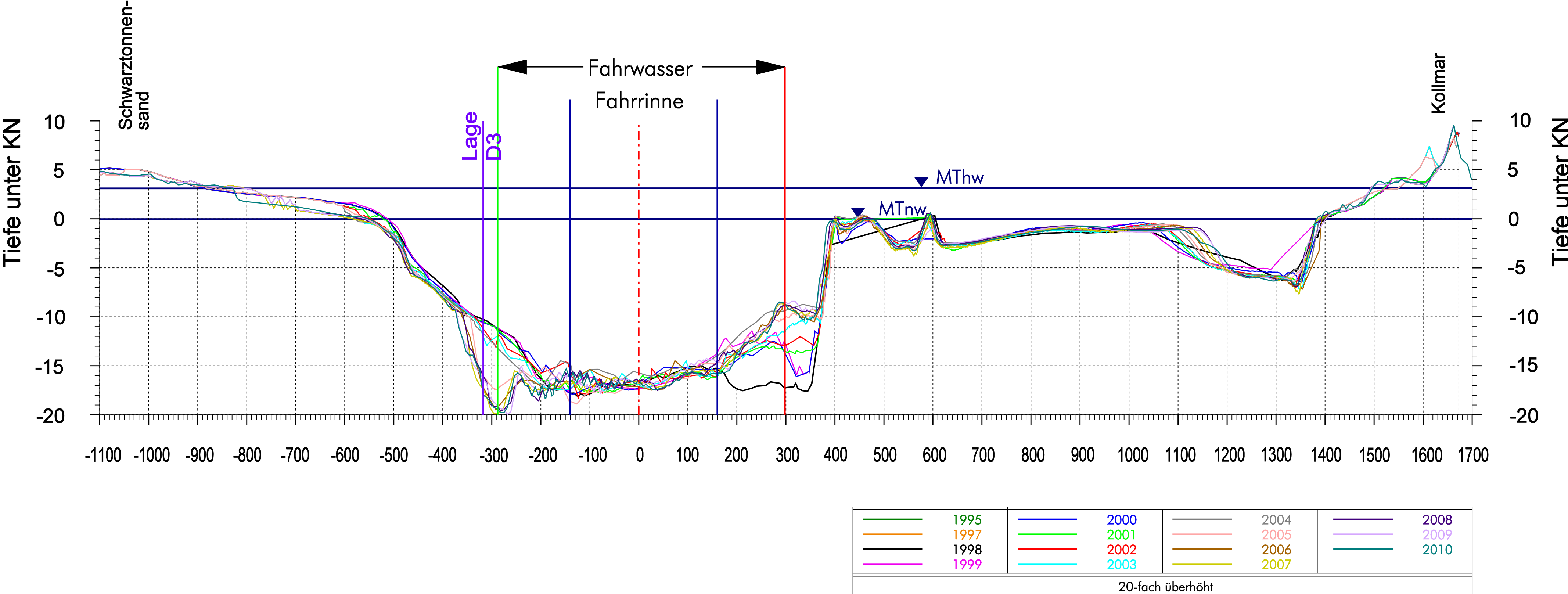
 1995  1997  1998  1999	 2000  2001  2002  2003	 2004  2005  2006  2007	 2008  2009  2010
20-fach überhöht			

D2
Stromkilometer 651,3

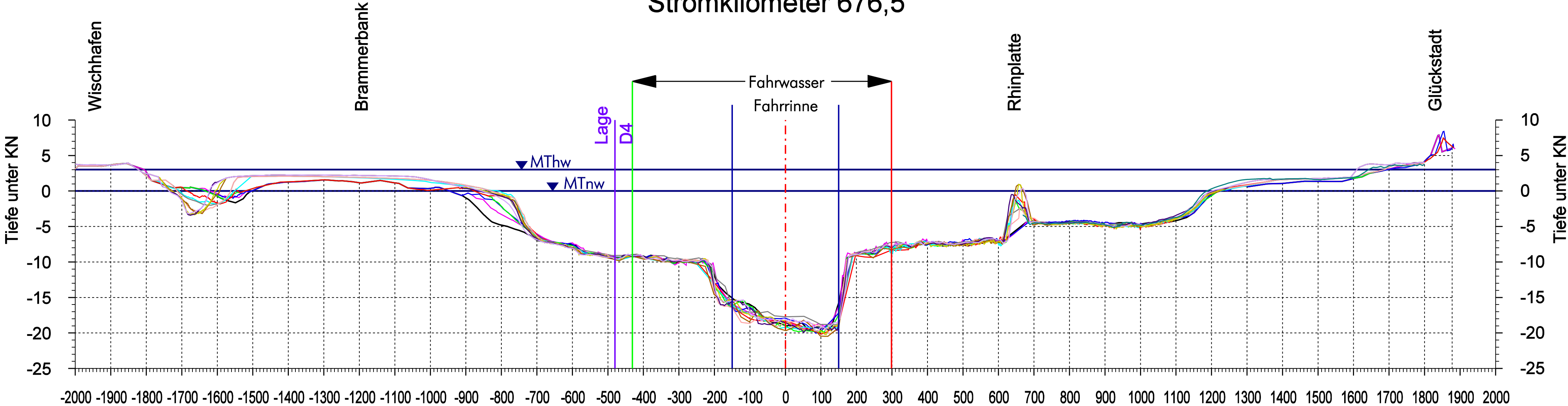


 1995  1997  1998  1999	 2000  2001  2002  2003	 2004  2005  2006  2007	 2008  2009  2010
20-fach überhöht			

D3
Stromkilometer 664,7

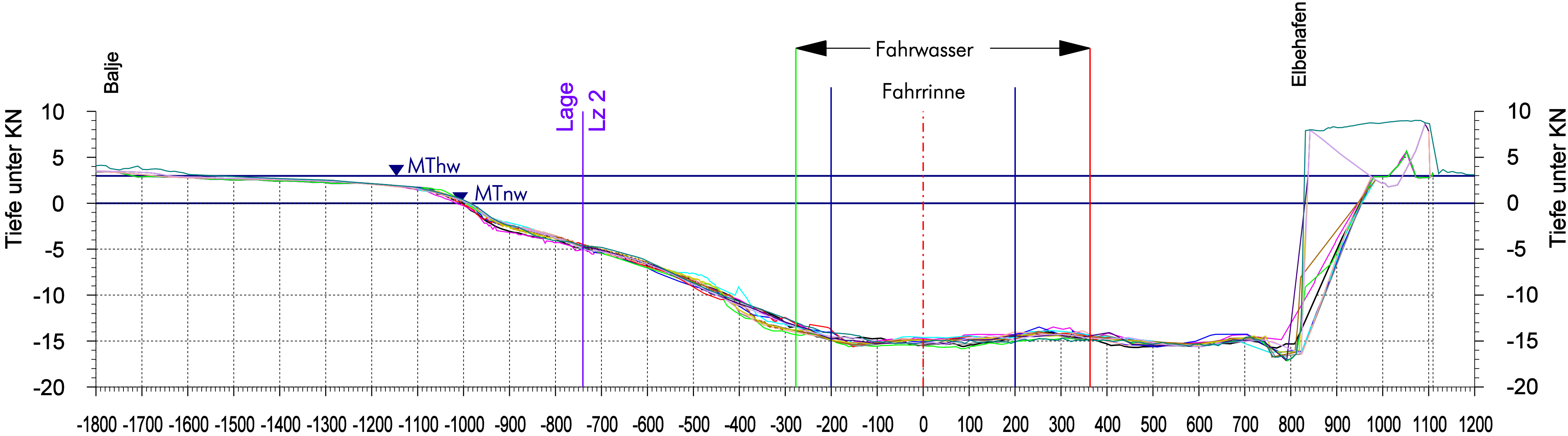


D4
Stromkilometer 676,5

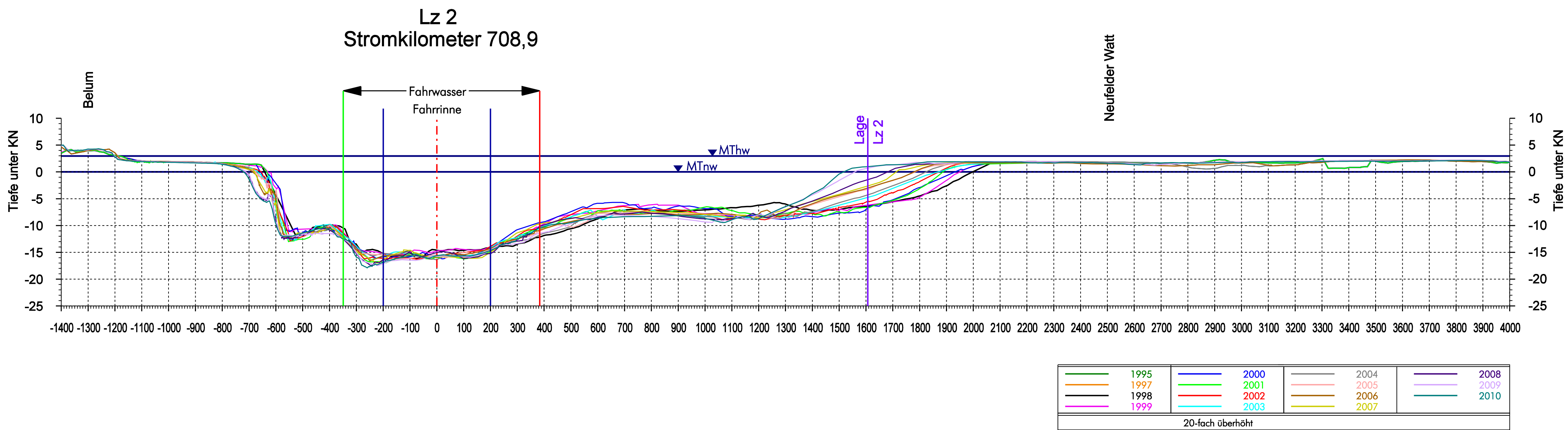


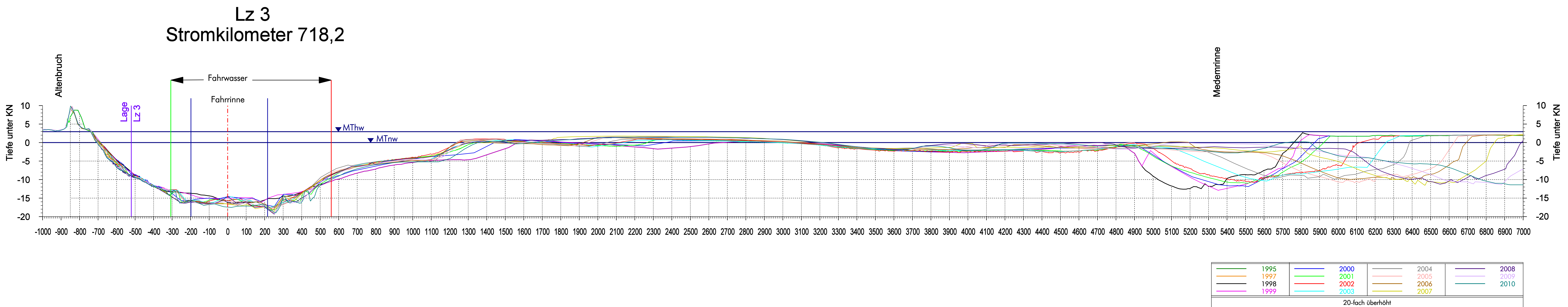
1995	2000	2004	2008
1997	2001	2005	2009
1998	2002	2006	2010
 1999	 2003	 2007	
20-fach überhöht			

LZ 1
Stromkilometer 693,6

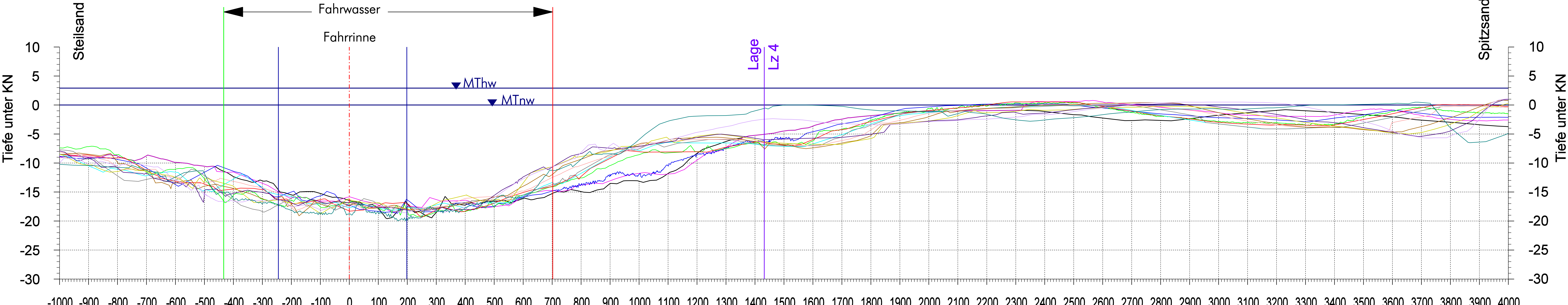


 1995	 2000	 2004	 2008
 1997	 2001	 2005	 2009
 1998	 2002	 2006	 2010
1999	2003	2007	
20-fach überhöht			



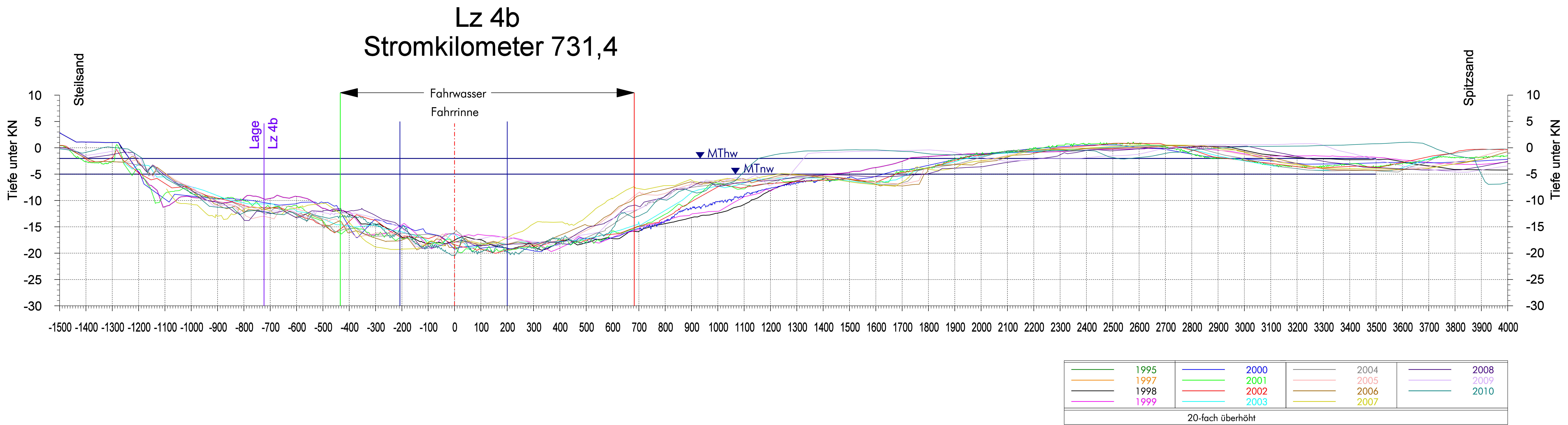


LZ 4
Stromkilometer 731,1

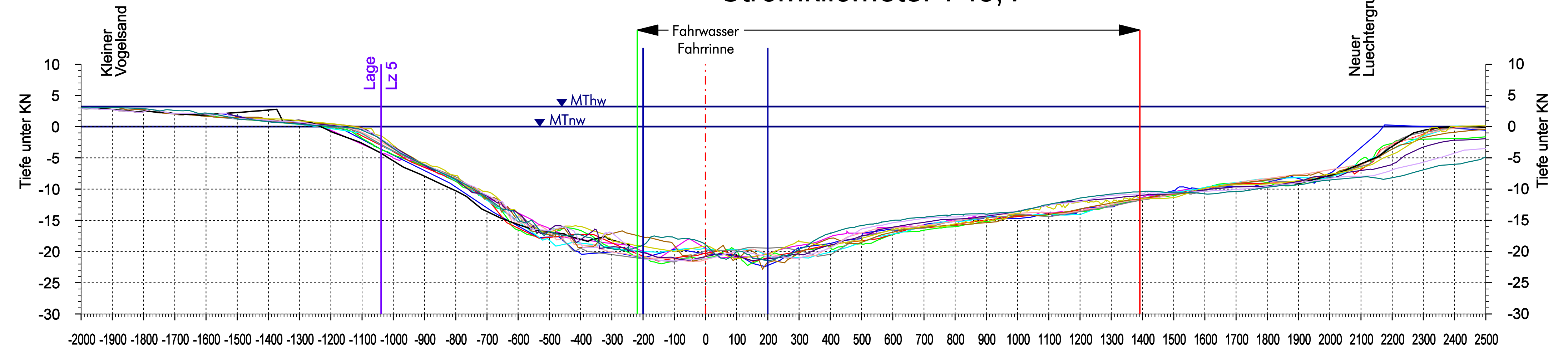


1995	2000	2004	2008
 1997	 2001	 2005	 2009
1998	2002	2006	2010
1999	2003	2007	

20-fach überhöht

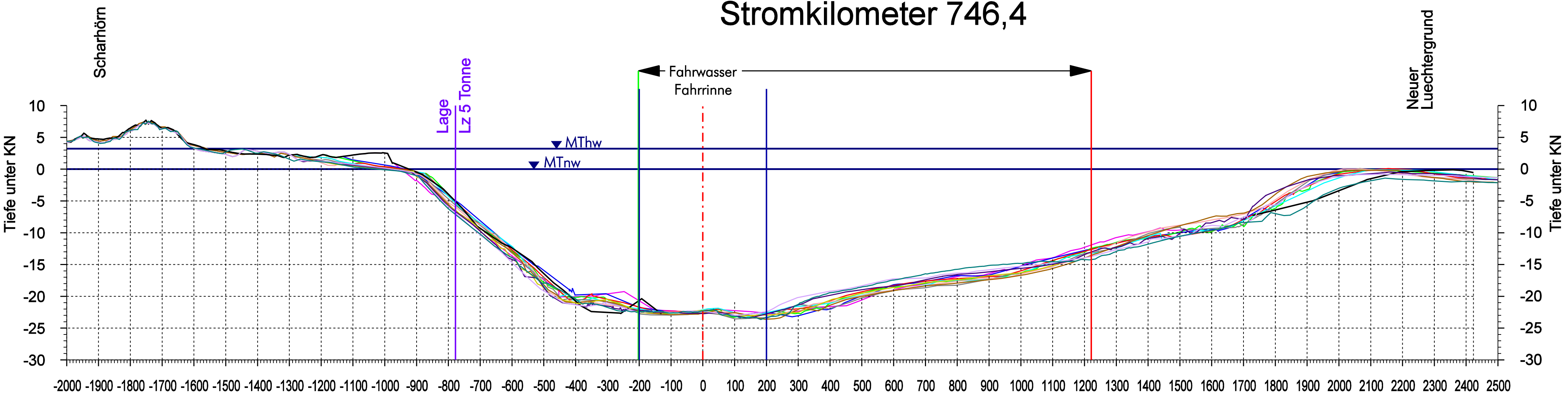


LZ 5
Stromkilometer 745,1

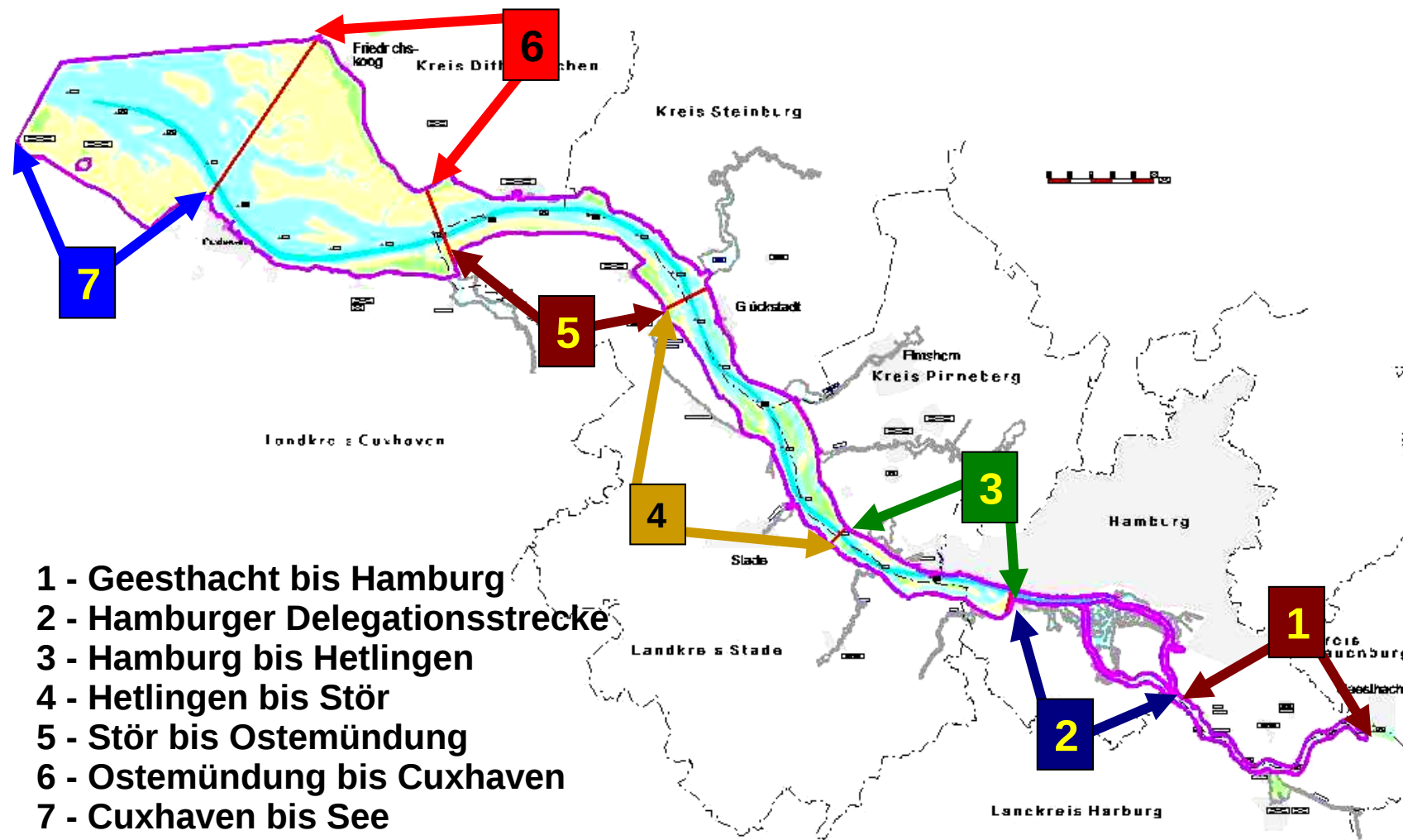


 1995	 2000	 2004	 2008
1997	2001	2005	2009
 1998	 2002	 2006	 2010
 1999	 2003	 2007	
20-fach überhöht			

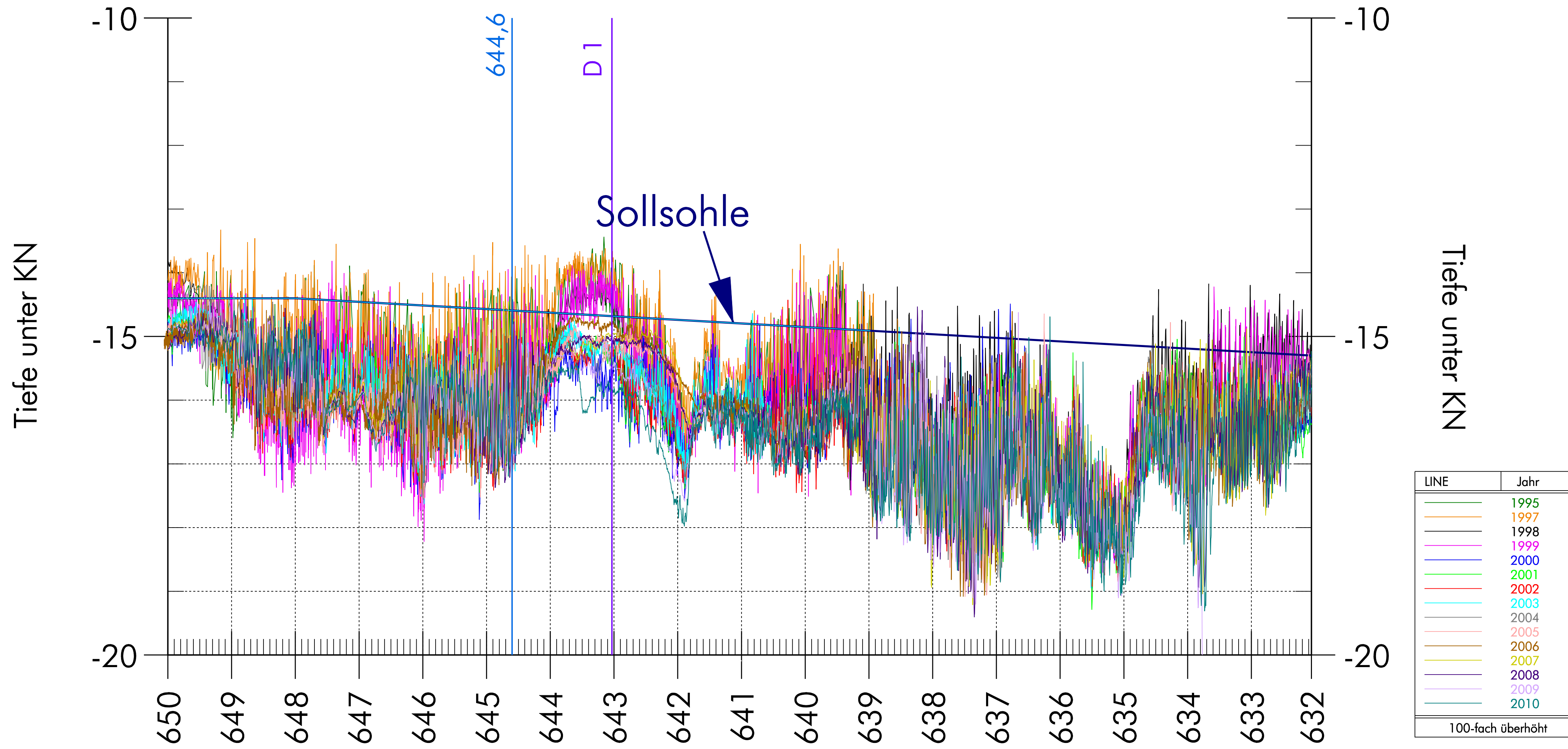
Lz 5 Tonne
Stromkilometer 746,4



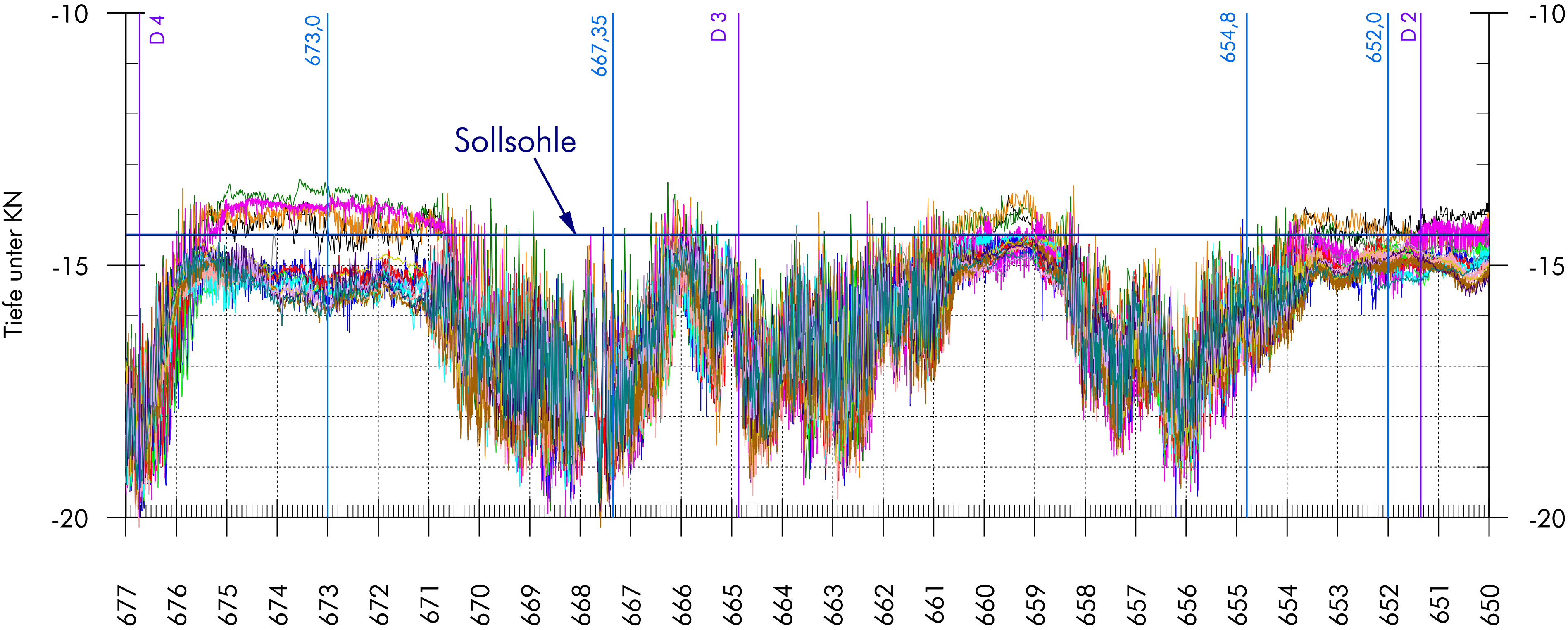
1995	2000	2004	2008
1997	2001	2005	2009
1998	2002	2006	2010
1999	2003	2007	
20-fach überhöht			



UG 3 Achse



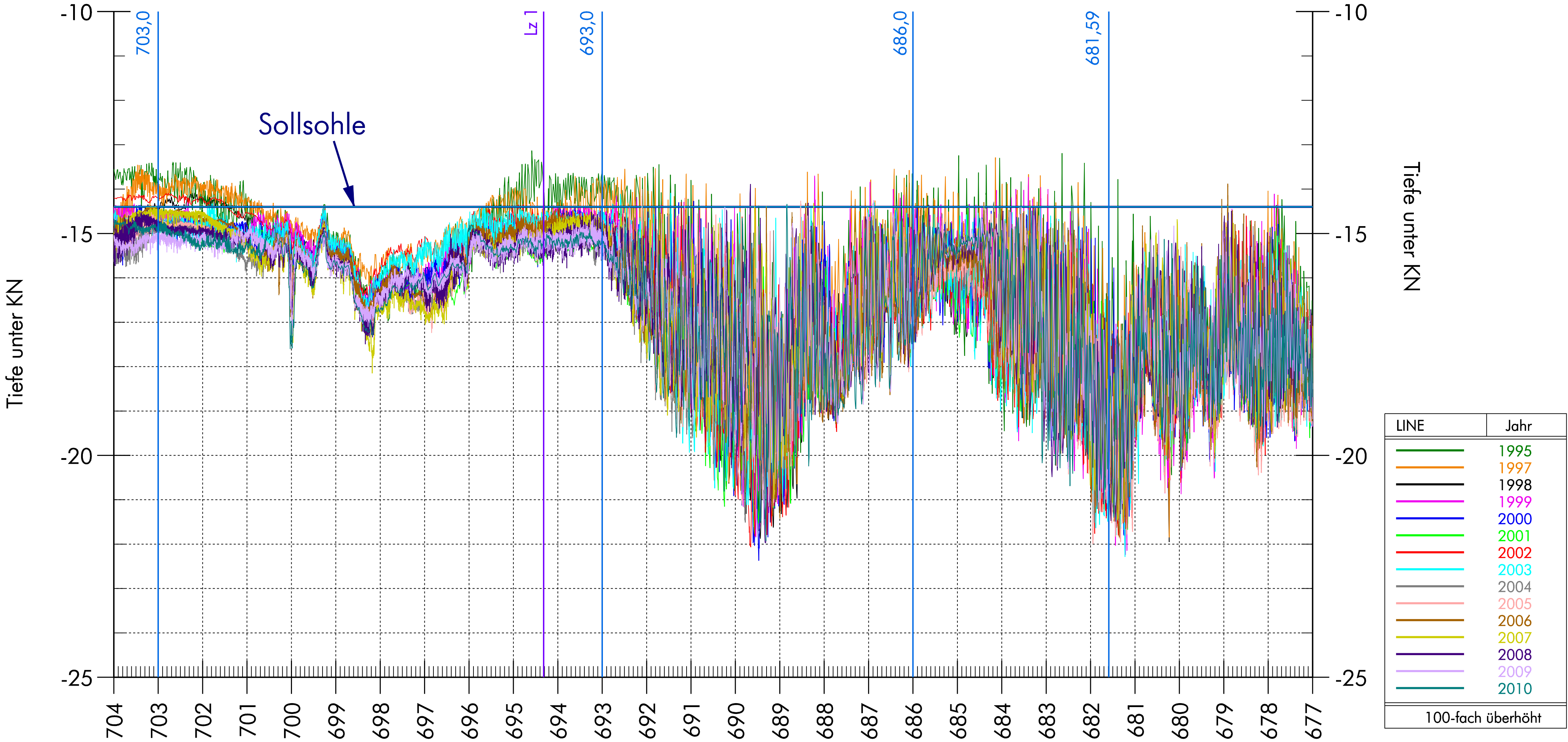
UG 4 Achse



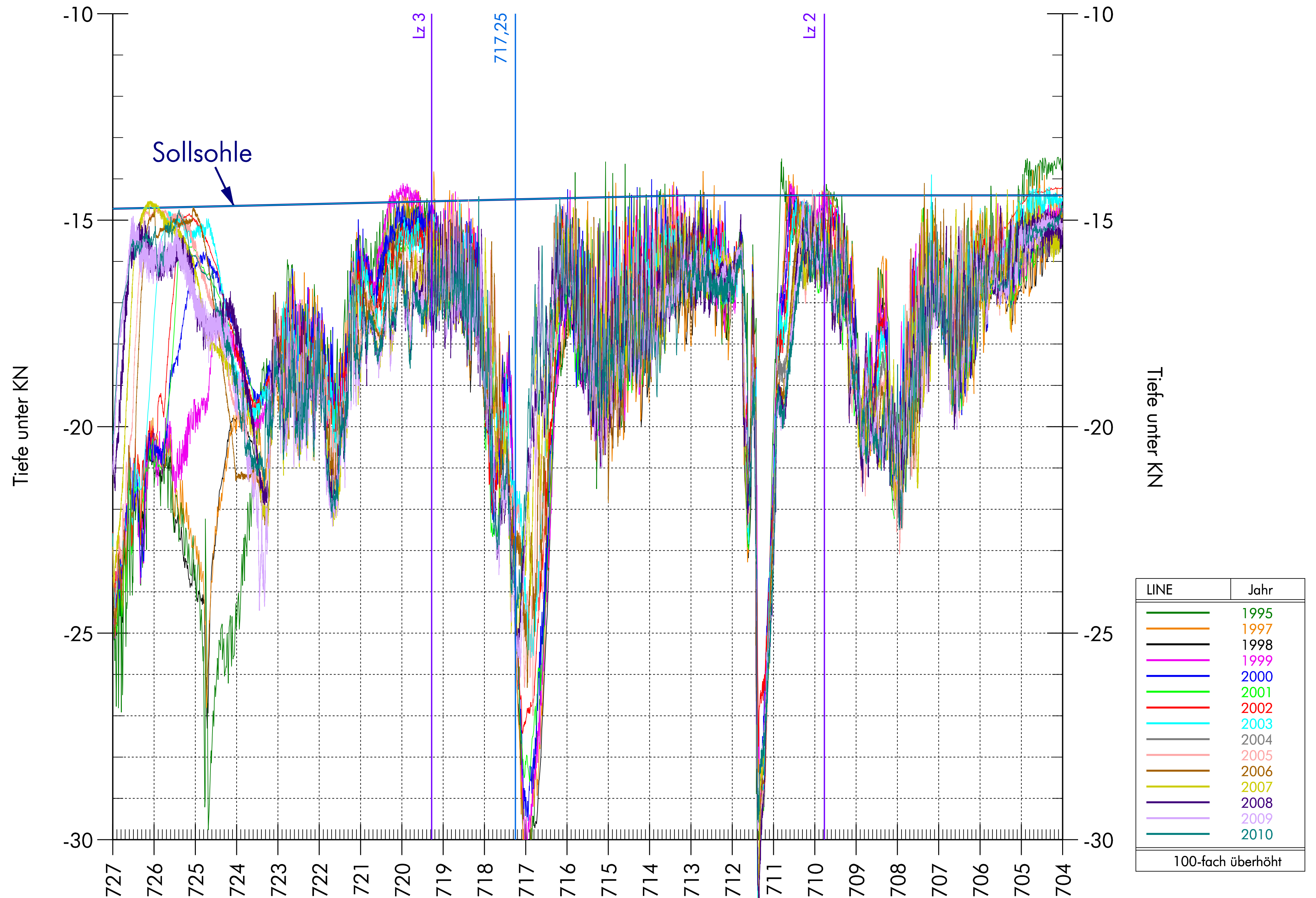
Tiefe unter KN

LINE	Jahr
	1995
	1997
	1998
	1999
	2000
	2001
	2002
	2003
	2004
	2005
	2006
	2007
	2008
	2009
	2010
100-fach überhöht	

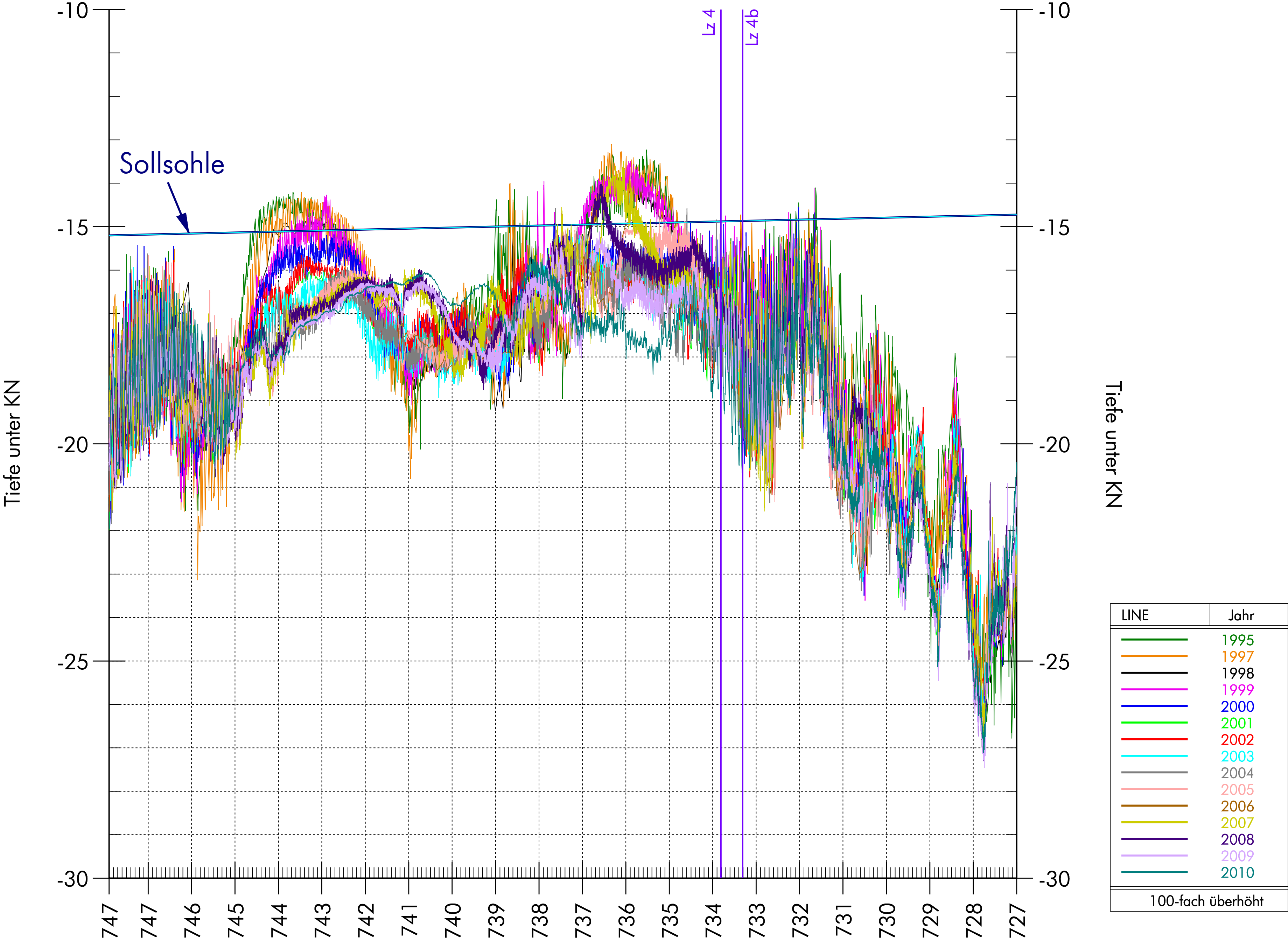
UG 5 Achse



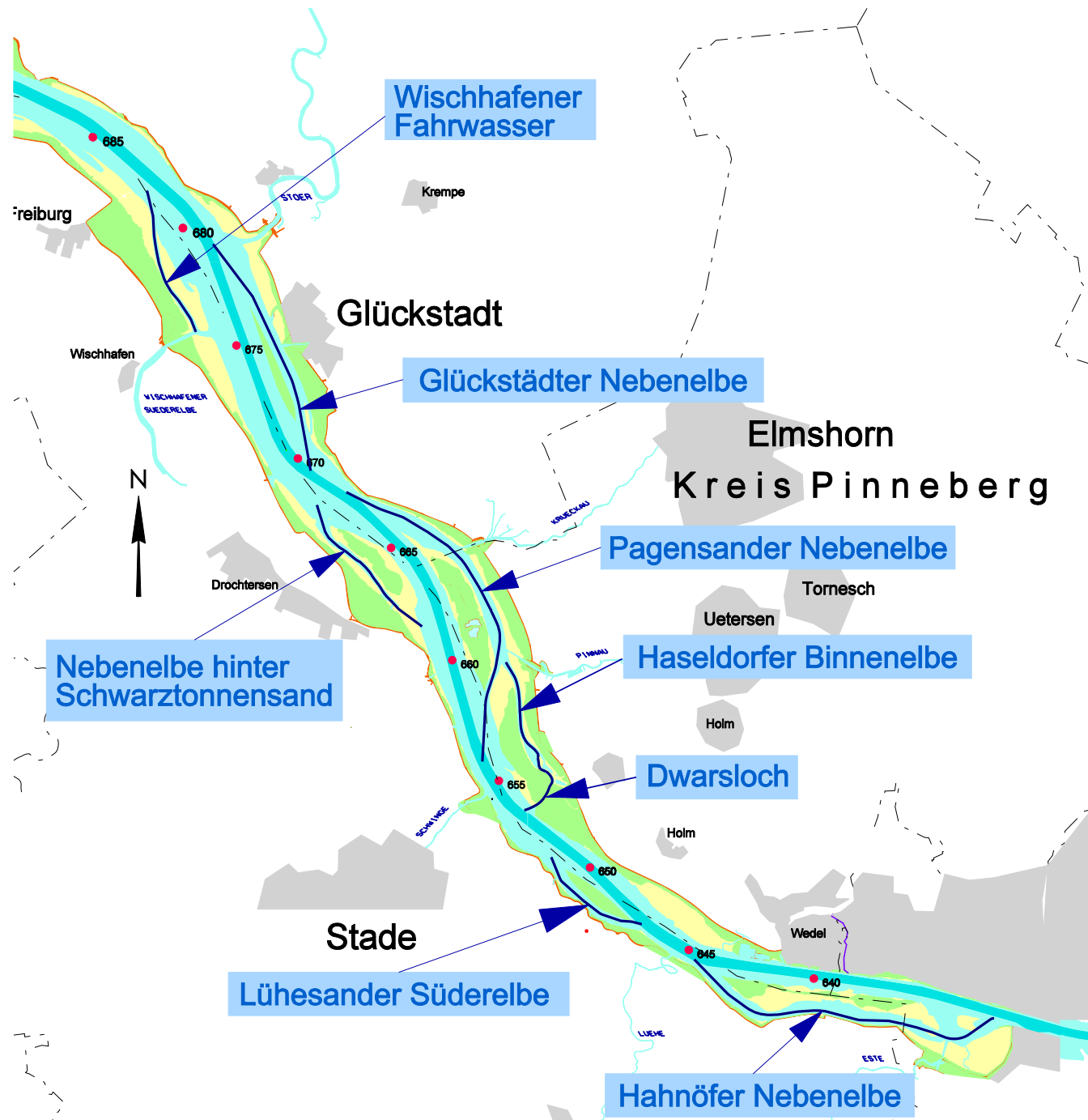
UG 6 Achse

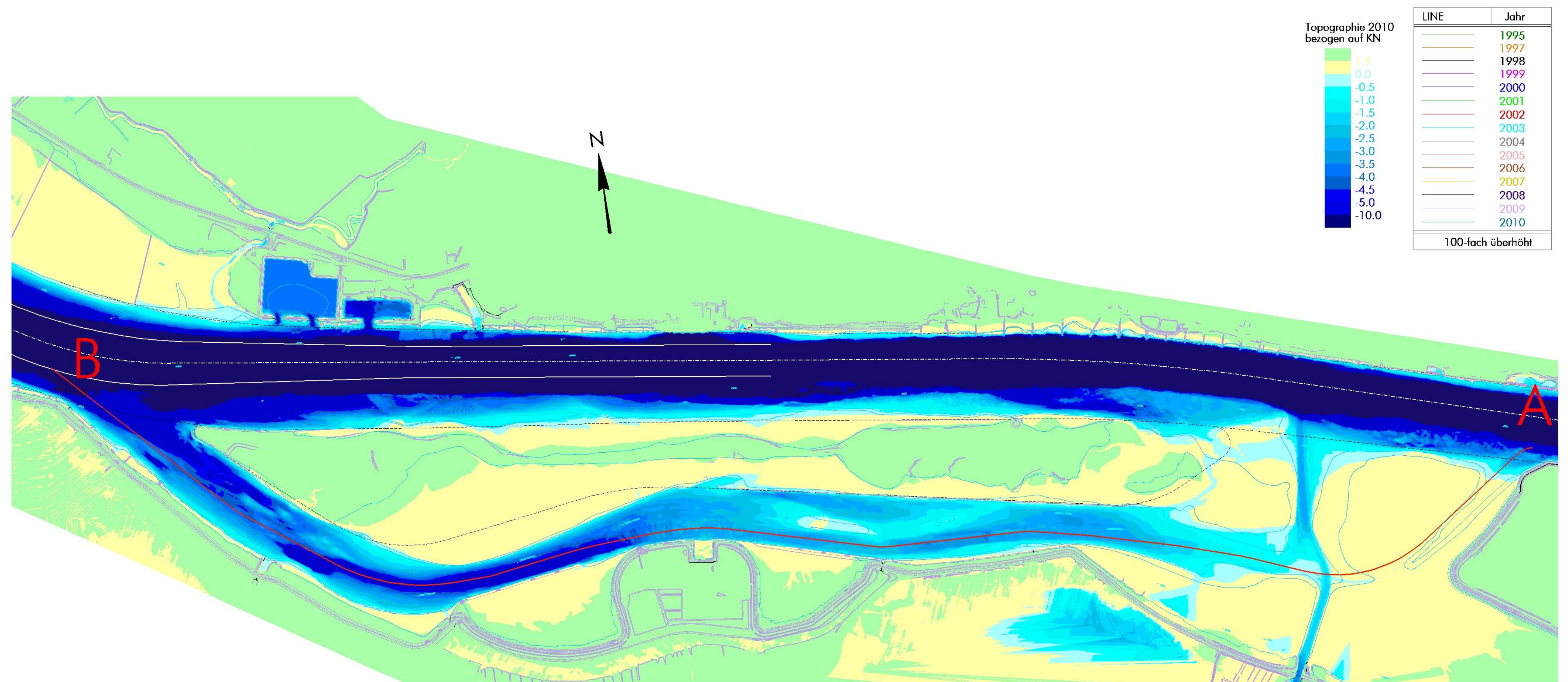
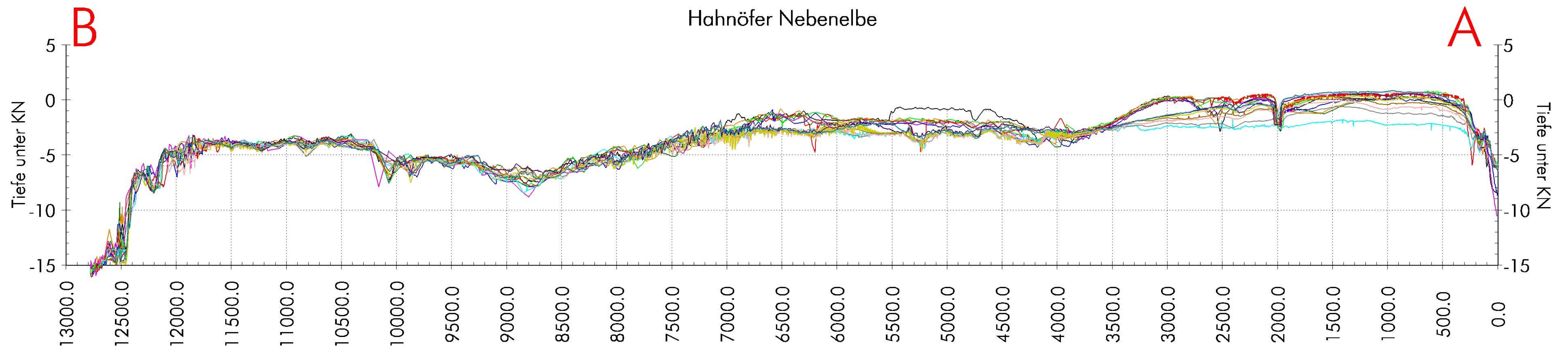


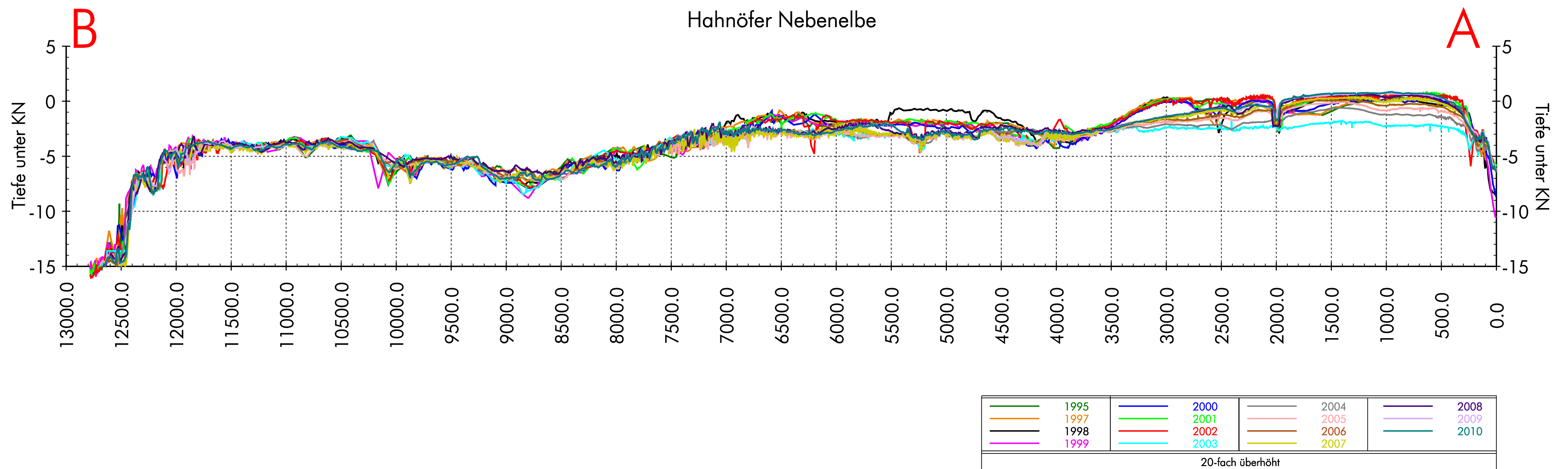
UG 7 Achse



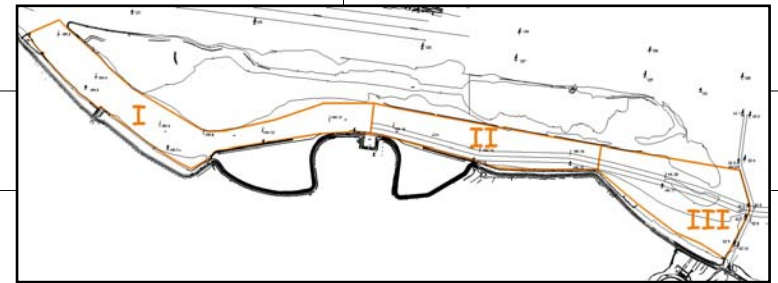
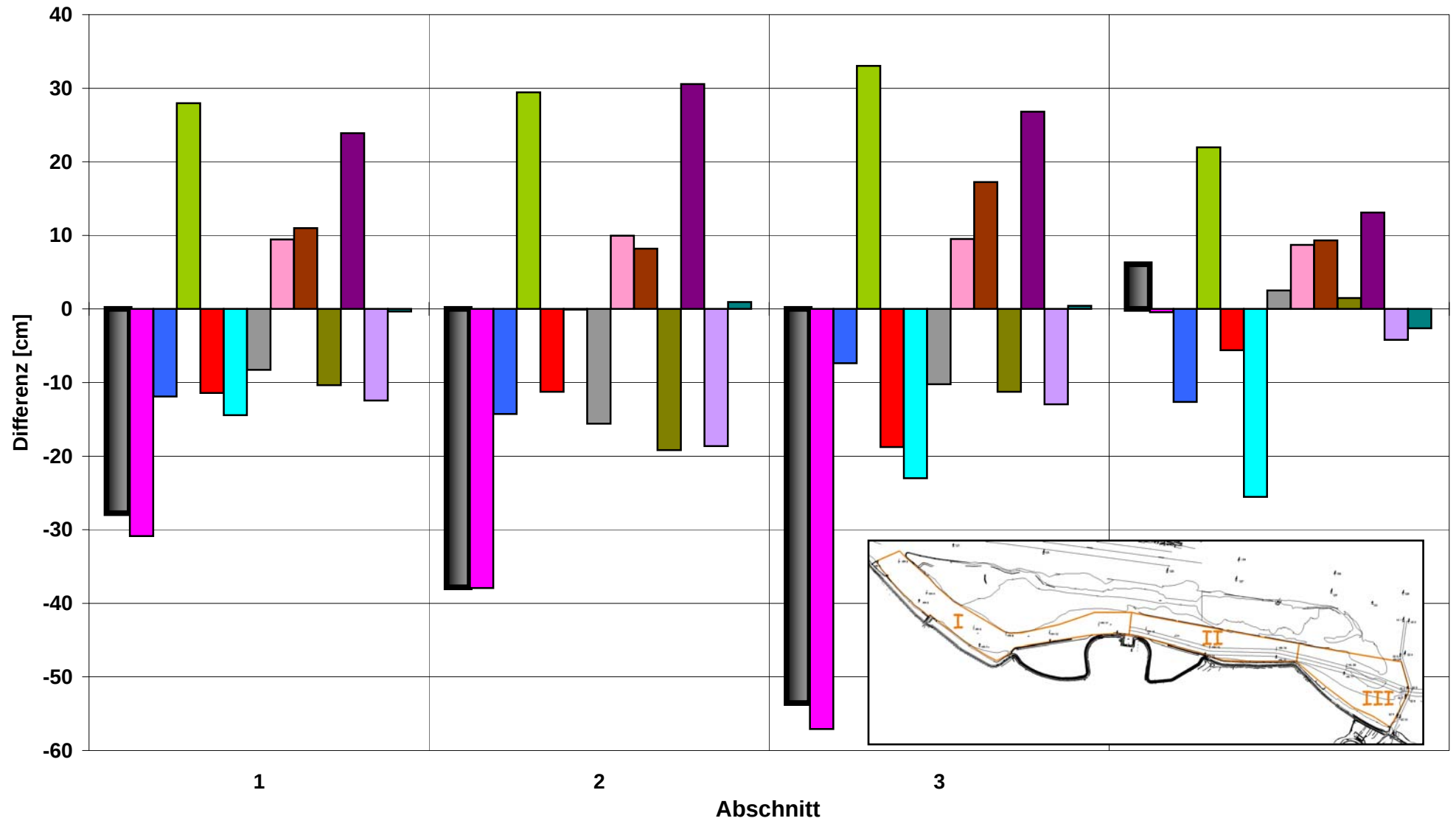
Topographische Entwicklung der Nebenelben



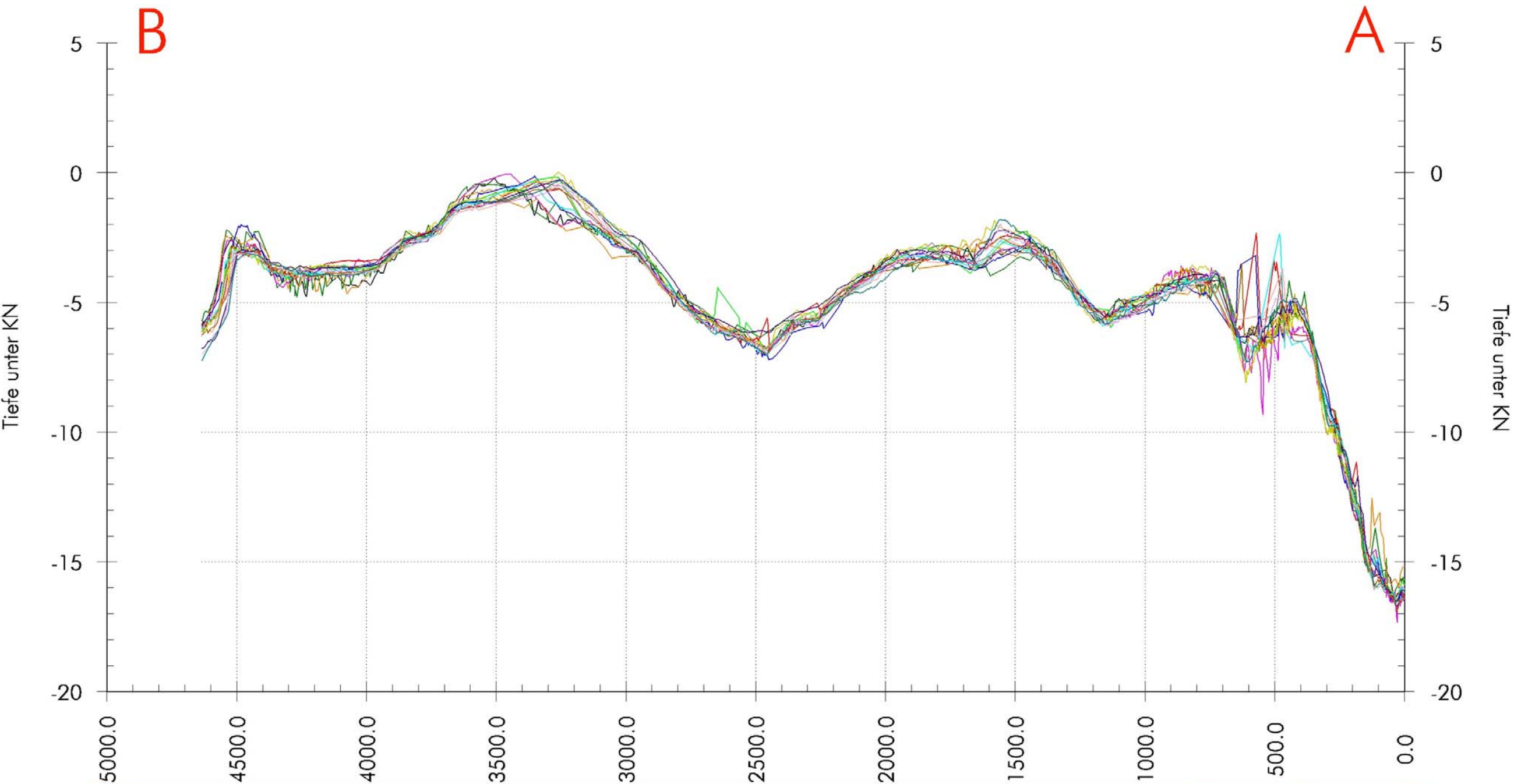




Topographische Entwicklung Hahnöfer Nebelalbe Flächenbezogene Auf- und Abtragsmengen [cm]

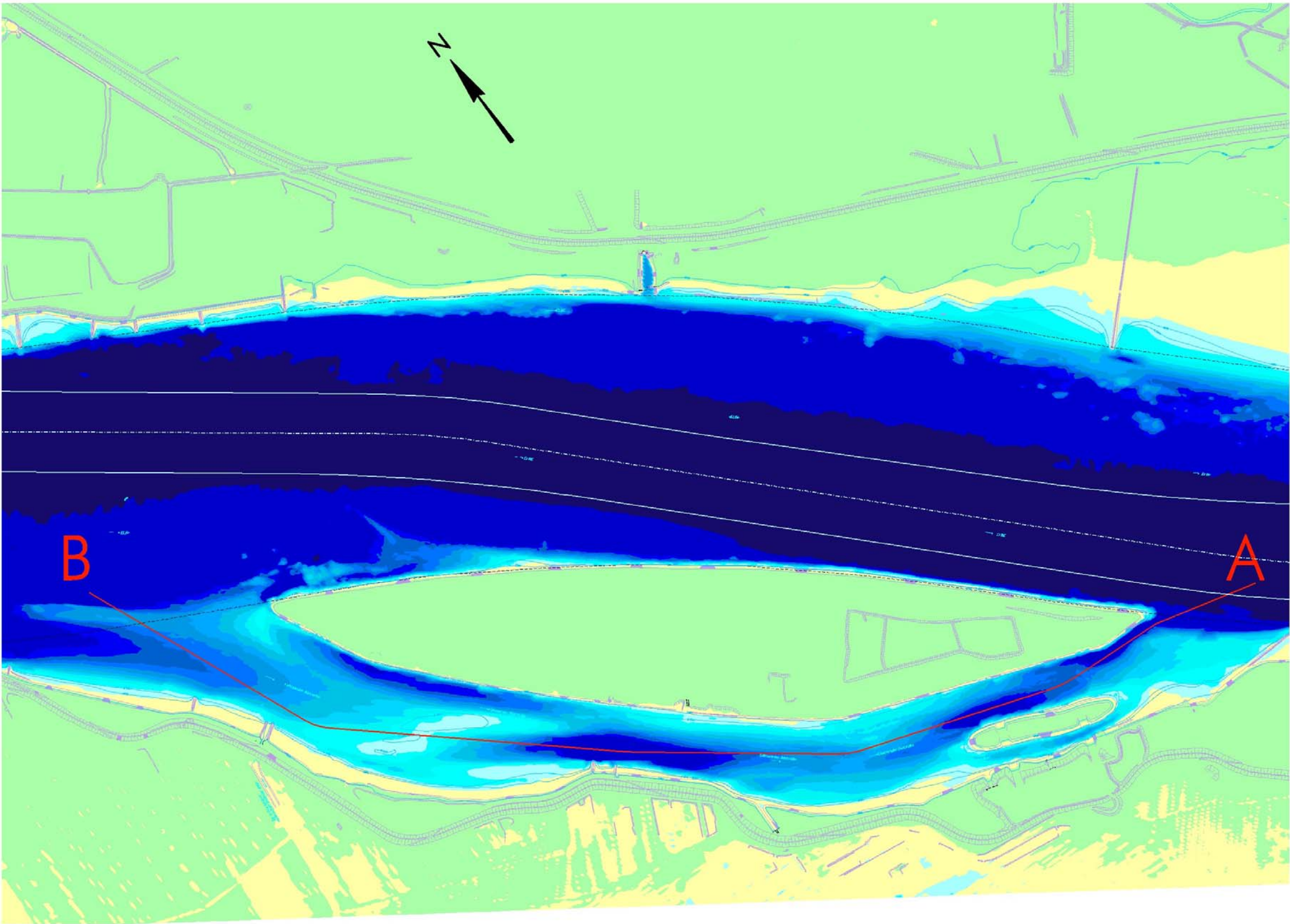


Lühesander Süderelbe

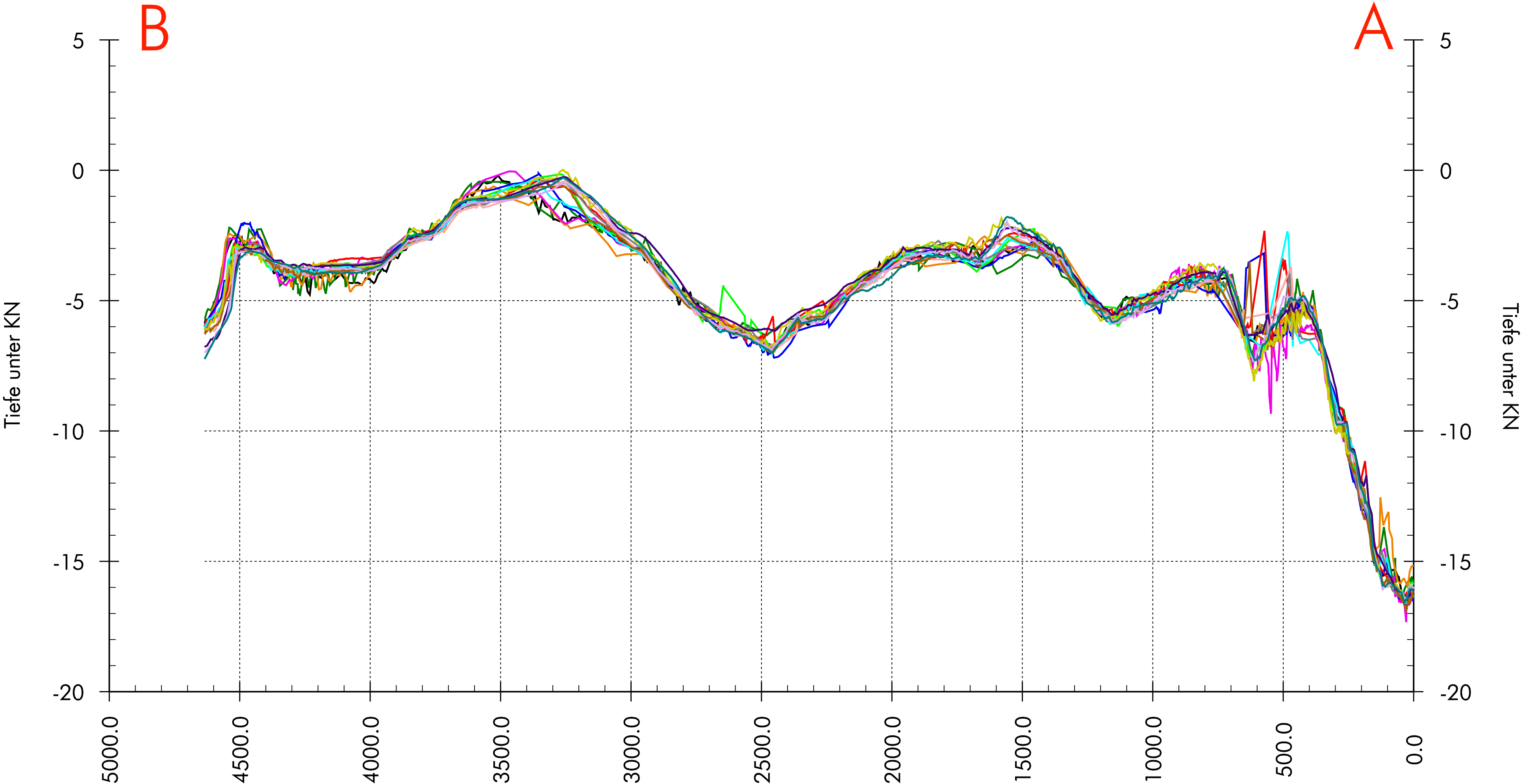


LINE	Jahr
	1995
	1997
	1998
	1999
	2000
	2001
	2002
	2003
	2004
	2005
	2006
	2007
	2008
	2009
	2010

100-fach überhöht

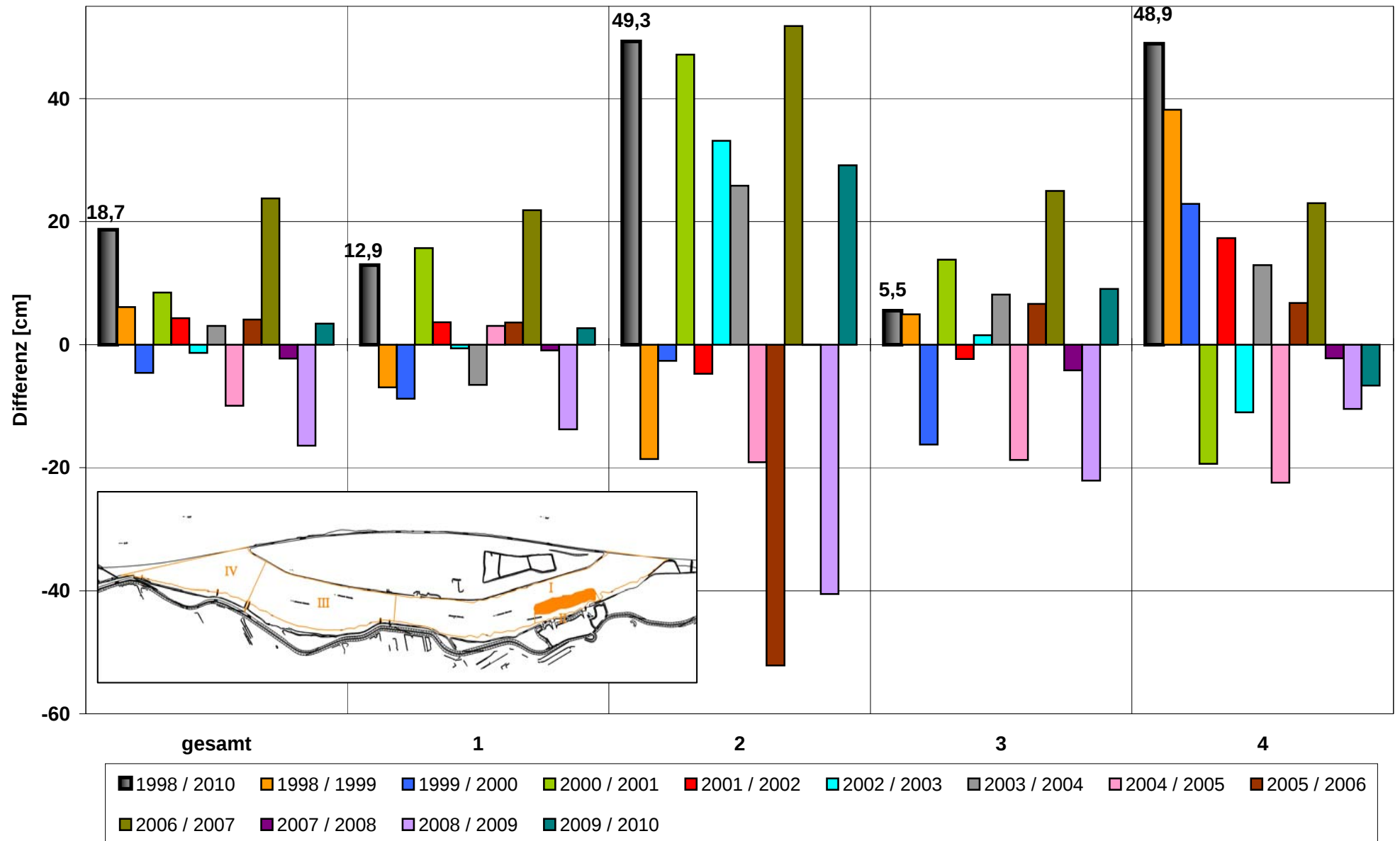


Lühesander Süderelbe

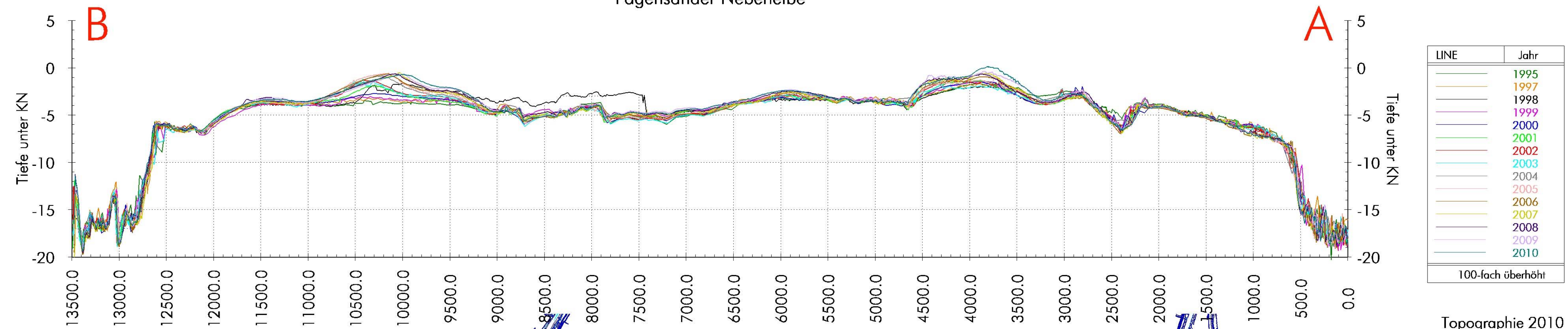


 1995	 2000	 2004	 2008
 1997	 2001	 2005	 2009
 1998	 2002	 2006	 2010
 1999	 2003	 2007	
100-fach überhöht			

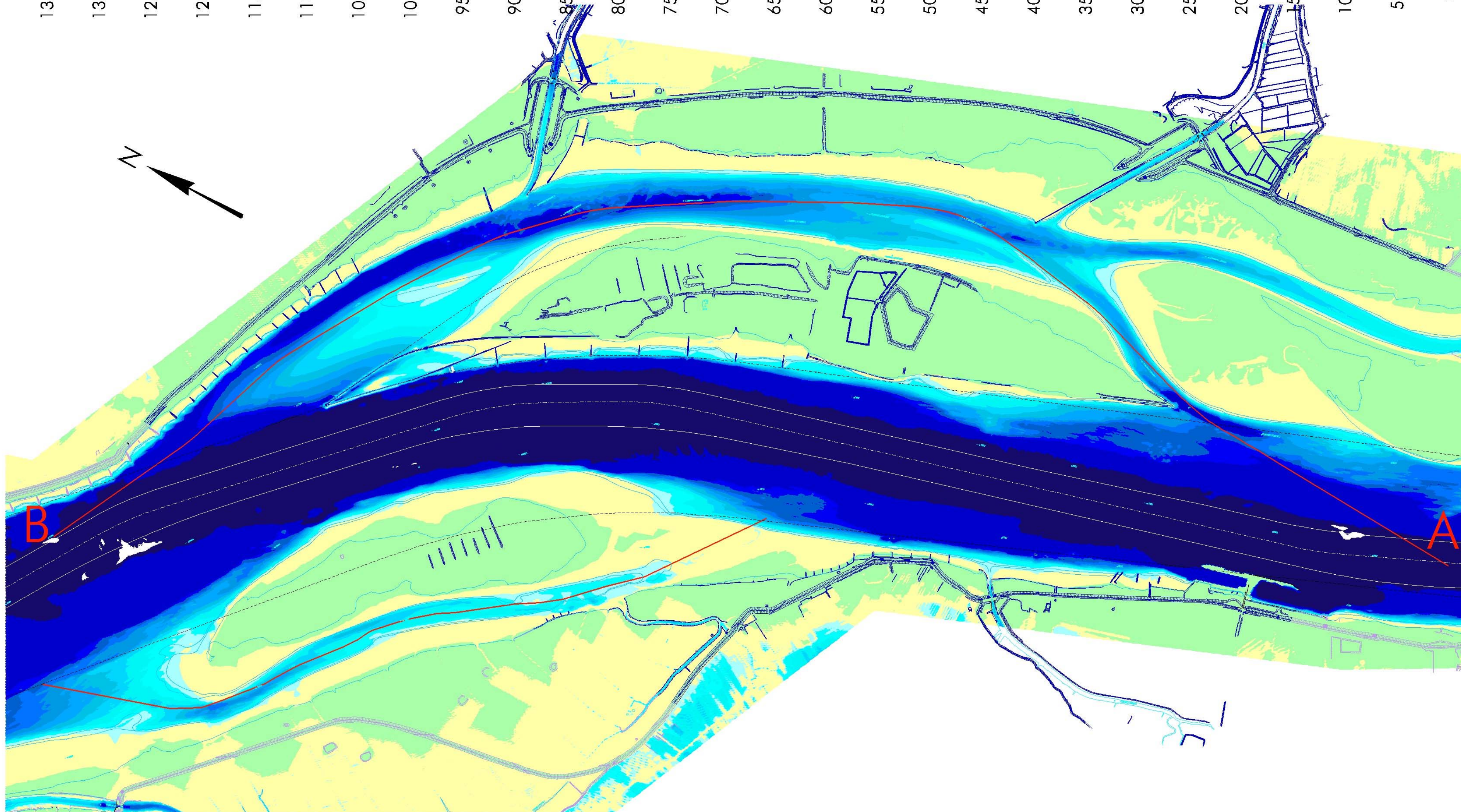
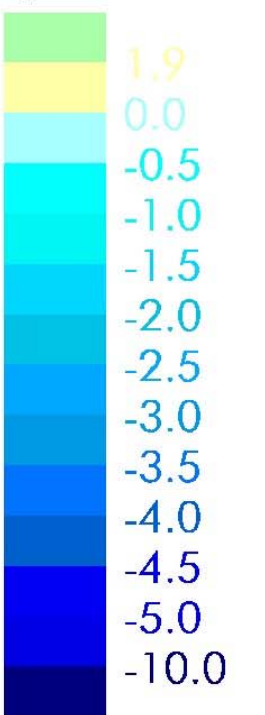
Topographische Entwicklung Lühesander Süderelbe Flächenbezogene Auf- und Abtragsmengen [cm]



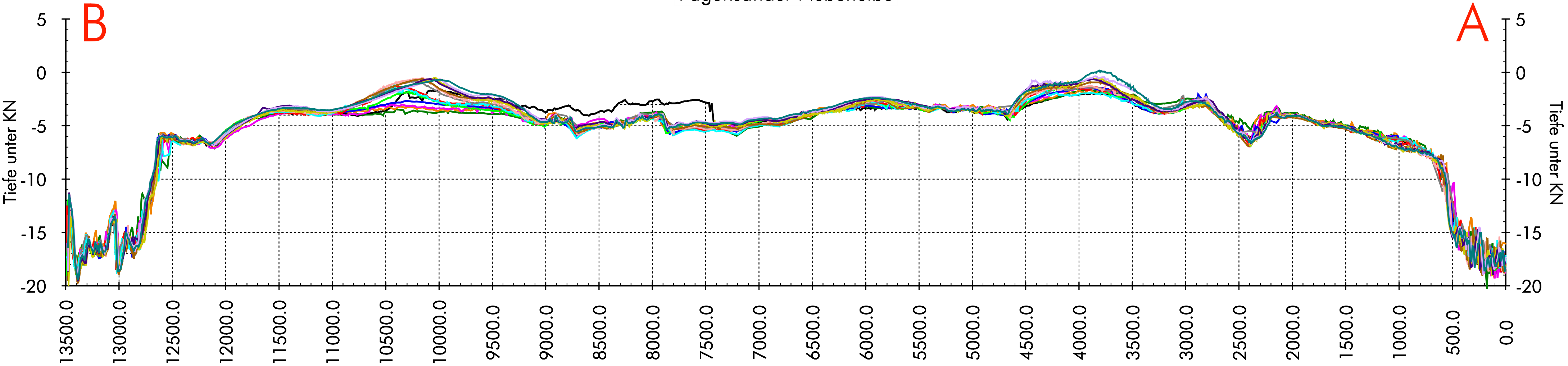
Pagensander Nebenelbe



Topographie 2010
bezogen auf KN

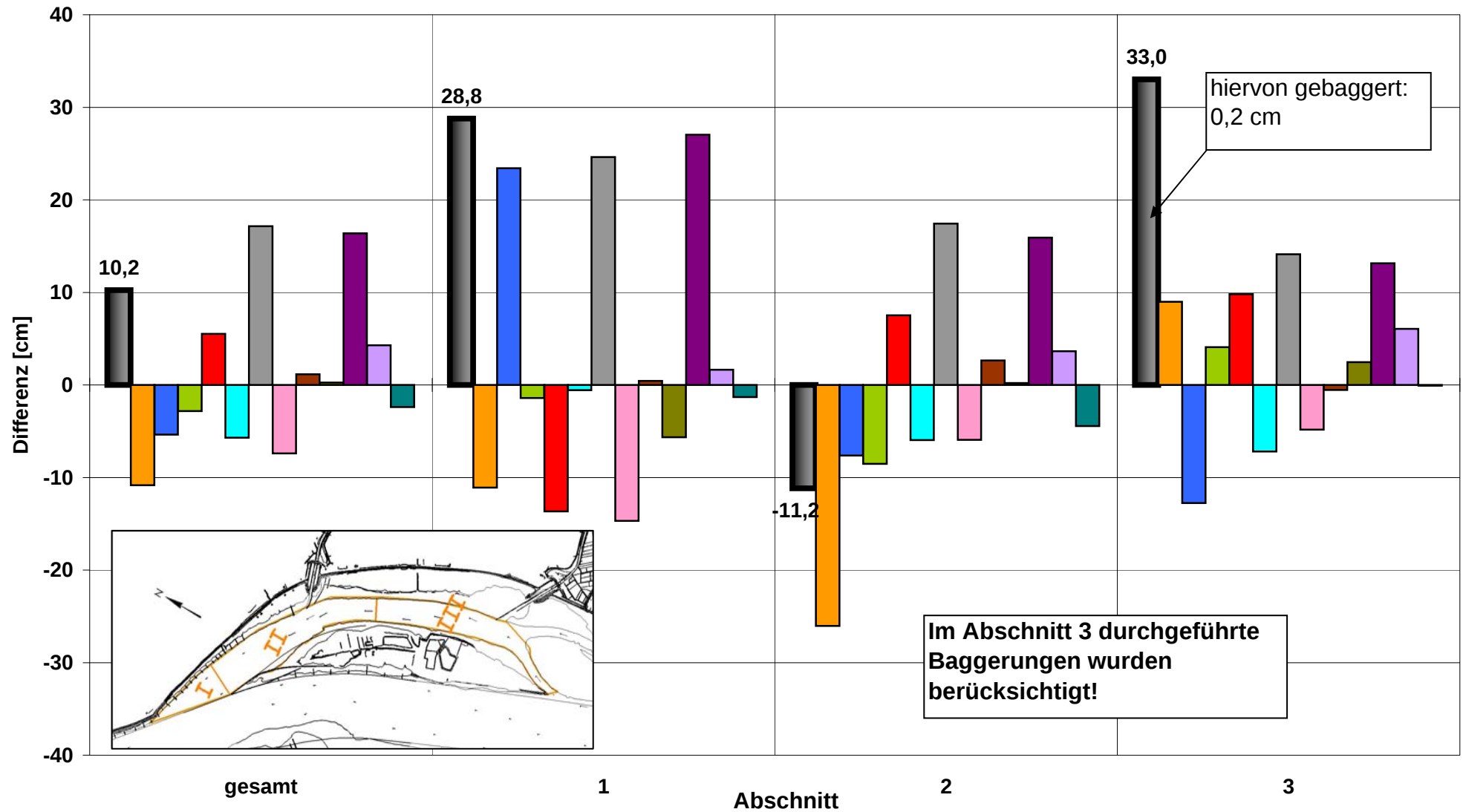


Pagensander Nebeneelbe

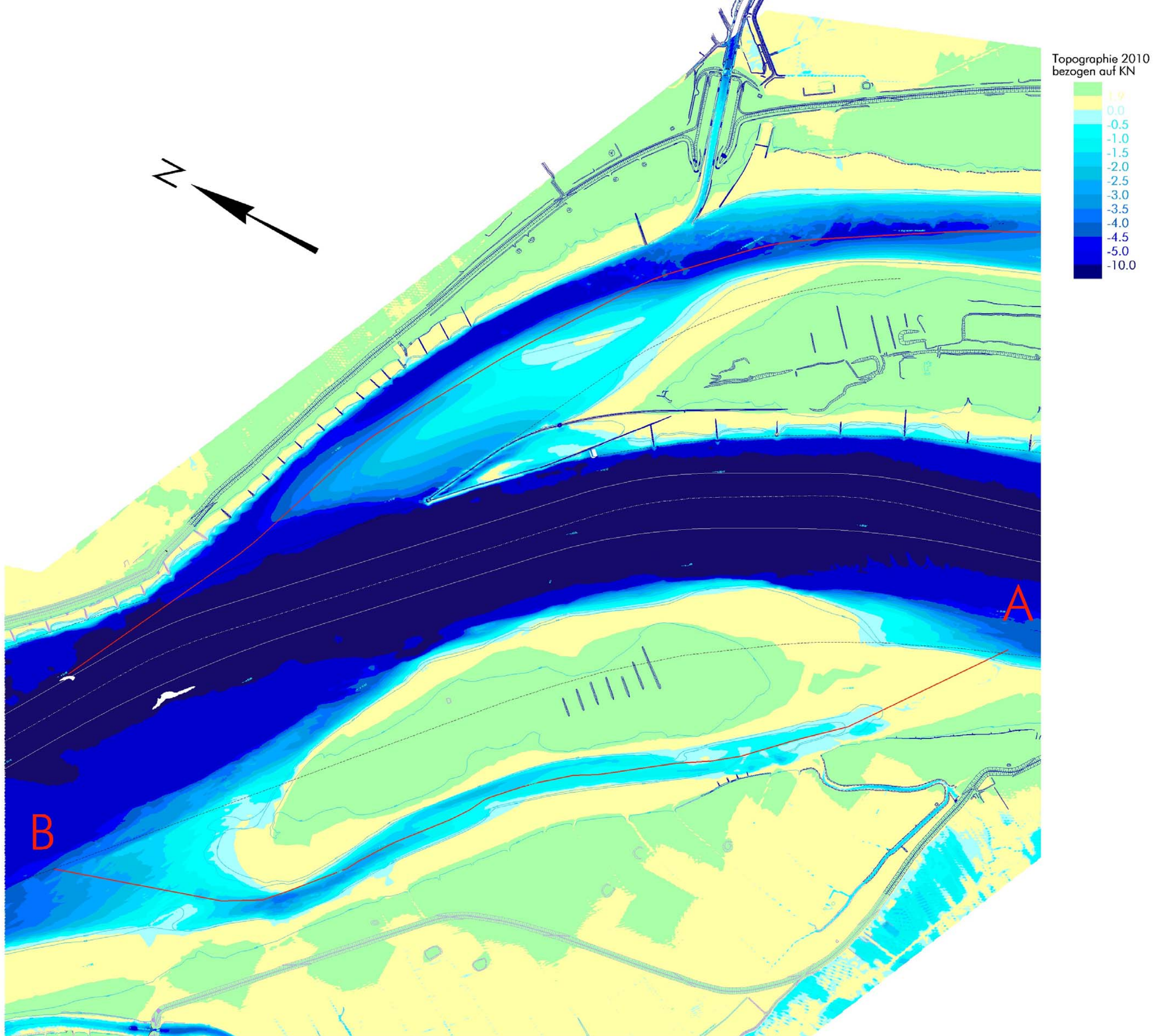
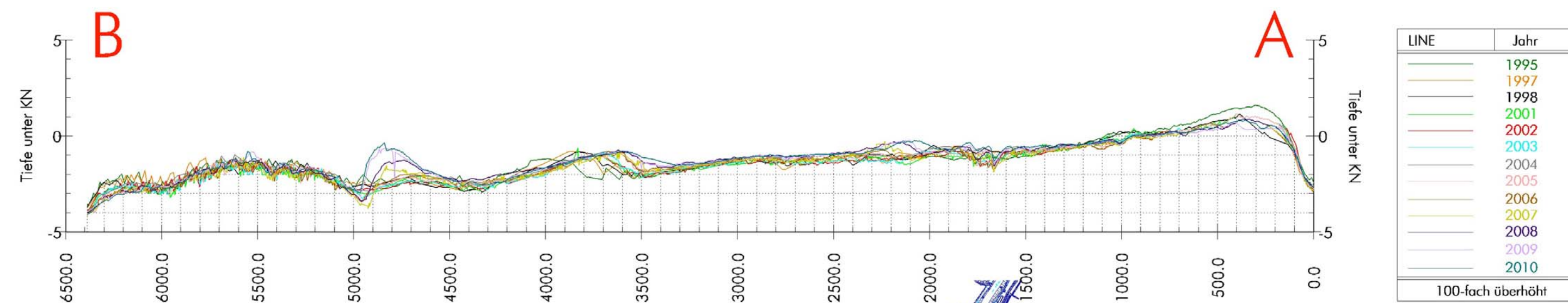


1995	2000	2004	2008
1997	2001	2005	2009
1998	2002	2006	2010
1999	2003	2007	
100-fach überhöht			

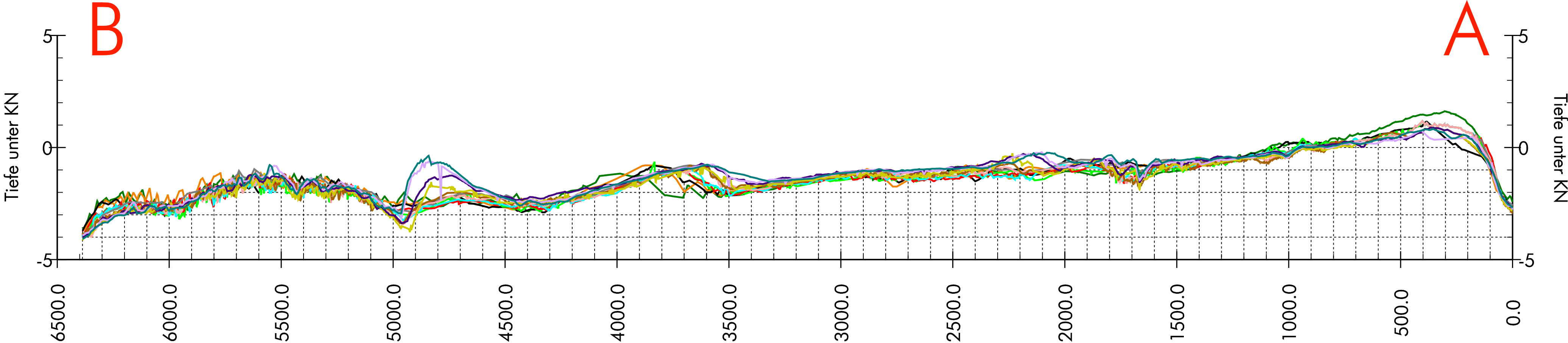
Topographische Entwicklung Pagensander Nebenelbe Flächenbezogene Auf- und Abtragsmengen [cm]



1998 / 2010	1998 / 1999	1999 / 2000	2000 / 2001	2001 / 2002	2002 / 2003	2003 / 2004	2004 / 2005
2005 / 2006	2006 / 2007	2007 / 2008	2008 / 2009	2009 / 2010			

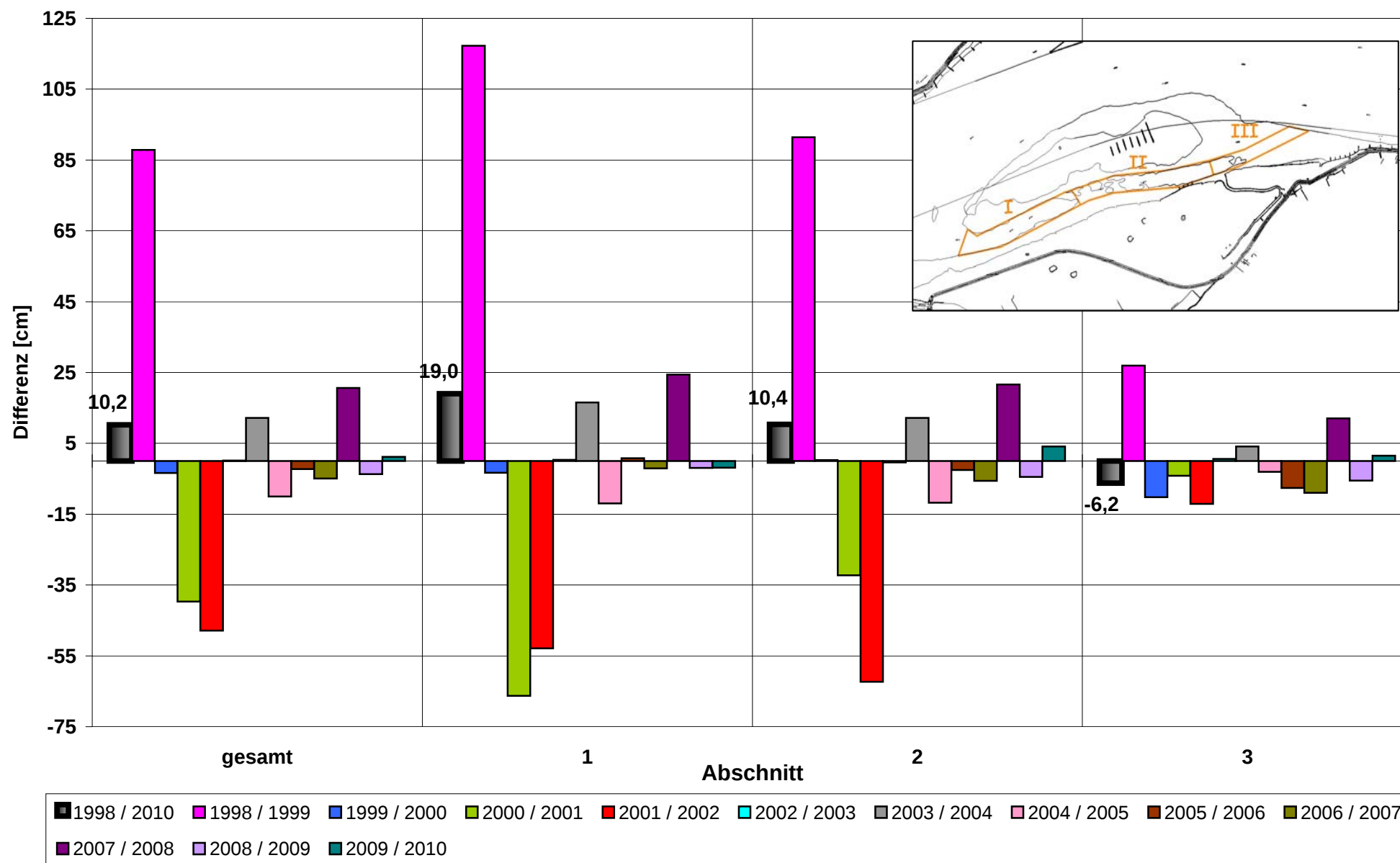


Schwarztonnensand

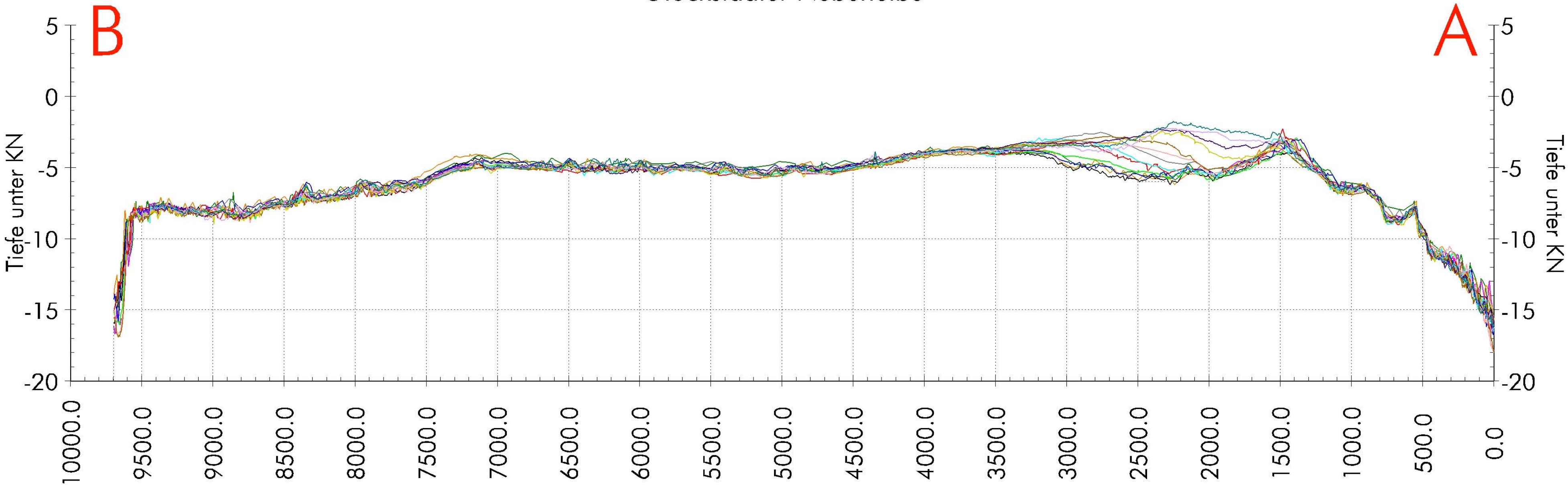


1995	2002	2006	2010
1997	2003	2007	
1998	2004	2008	
2001	2005	2009	
100-fach überhöht			

Topographische Entwicklung Nebeneibe Schwarztonnensand Flächenbezogene Auf- und Abtragsmengen [cm]

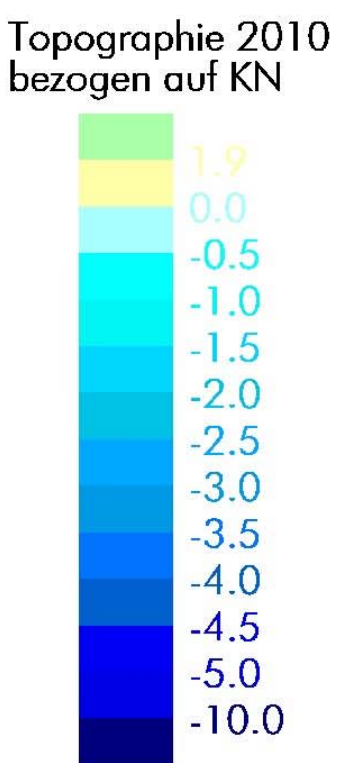
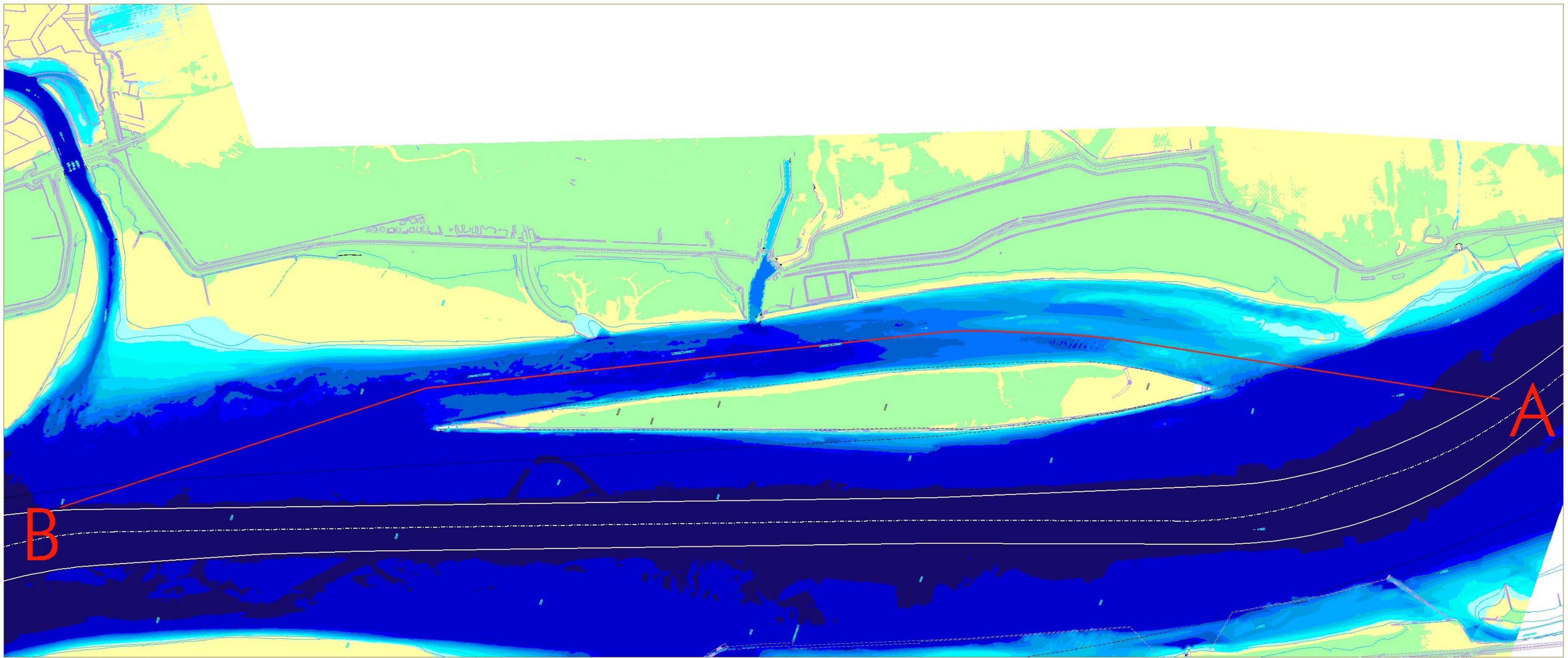


Glückstädter Nebeneibe

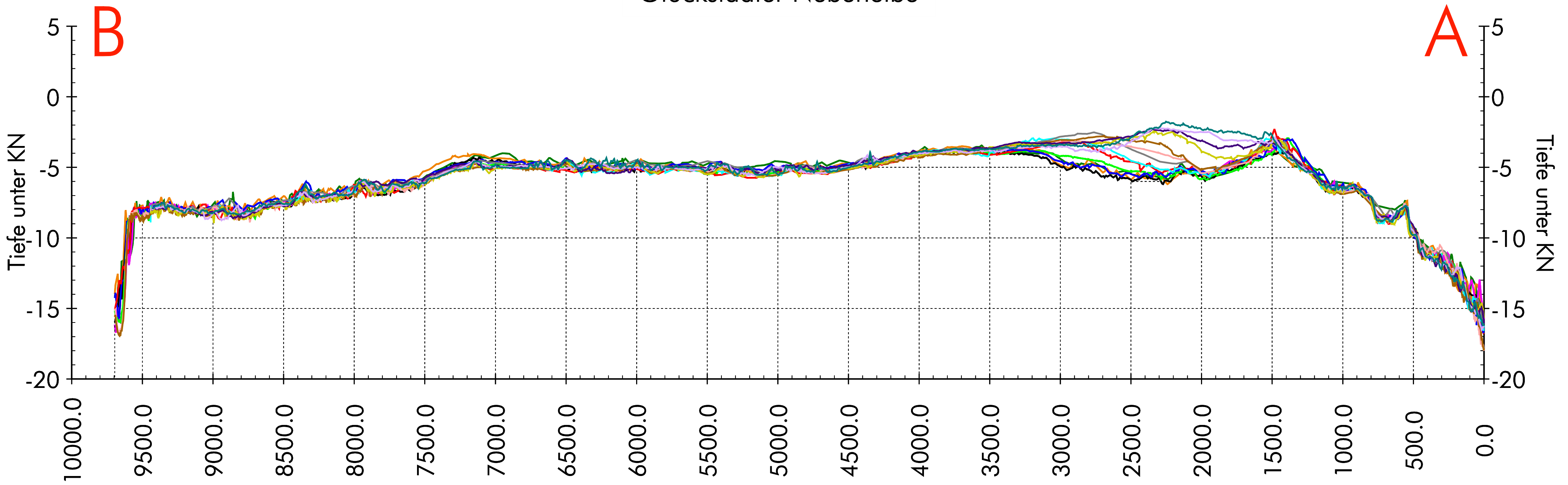


LINE	Jahr
1	1995
2	1997
3	1998
4	1999
5	2000
6	2001
7	2002
8	2003
9	2004
10	2005
11	2006
12	2007
13	2008
14	2009
15	2010

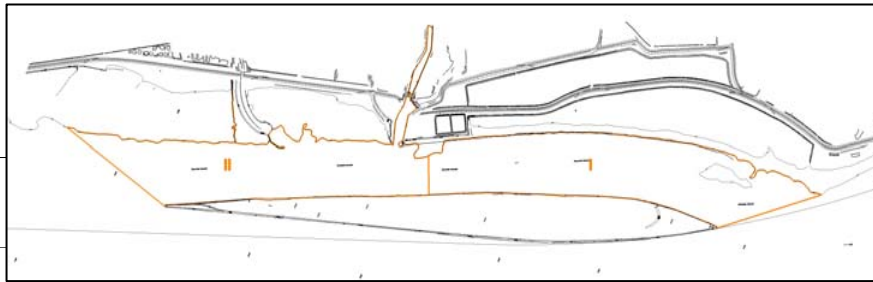
100-fach überhöht



Glückstädter Nebeneibe

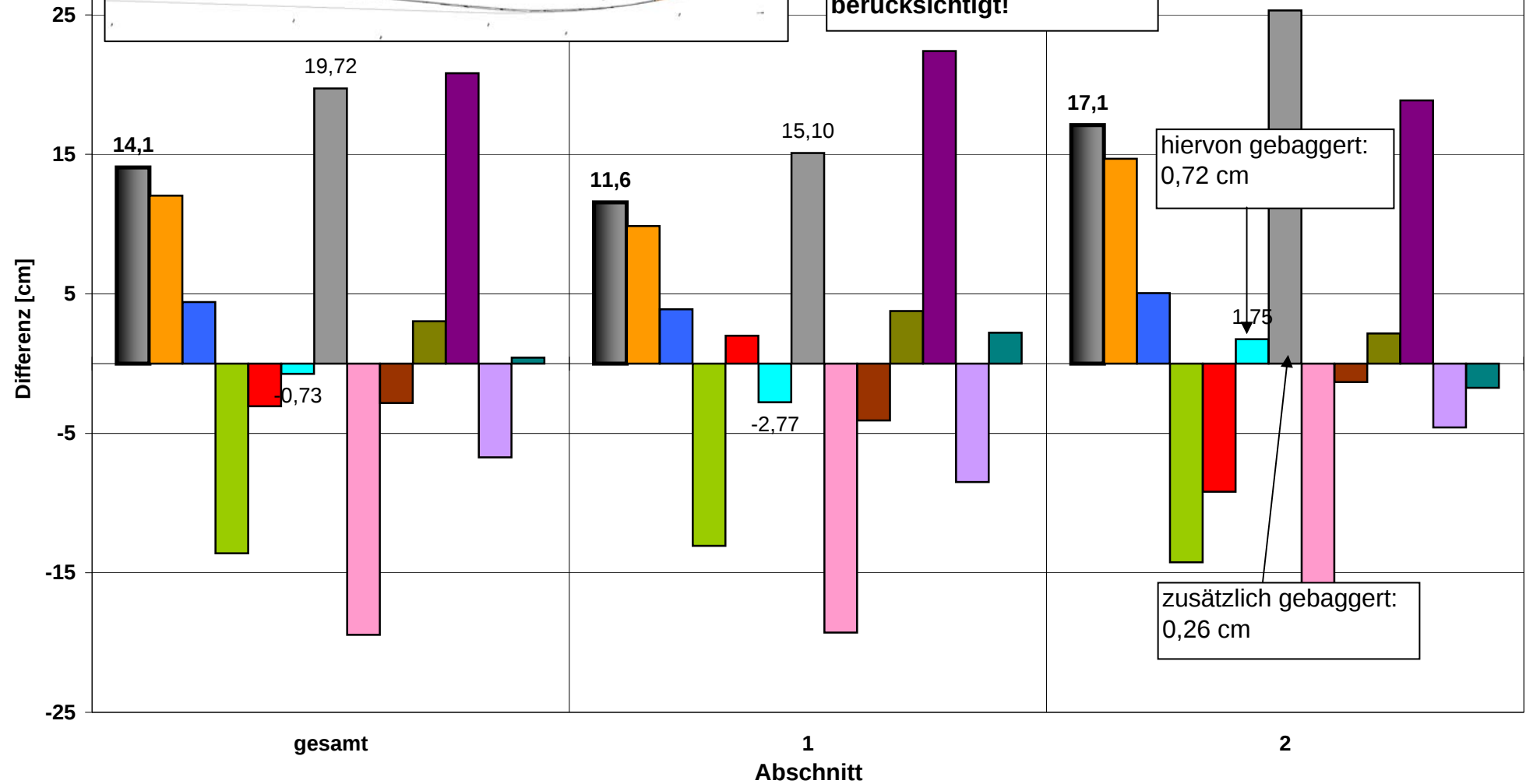


1995	2000	2004	2008
1997	2001	2005	2009
1998	2002	2006	2010
1999	2003	2007	
100-fach überhöht			



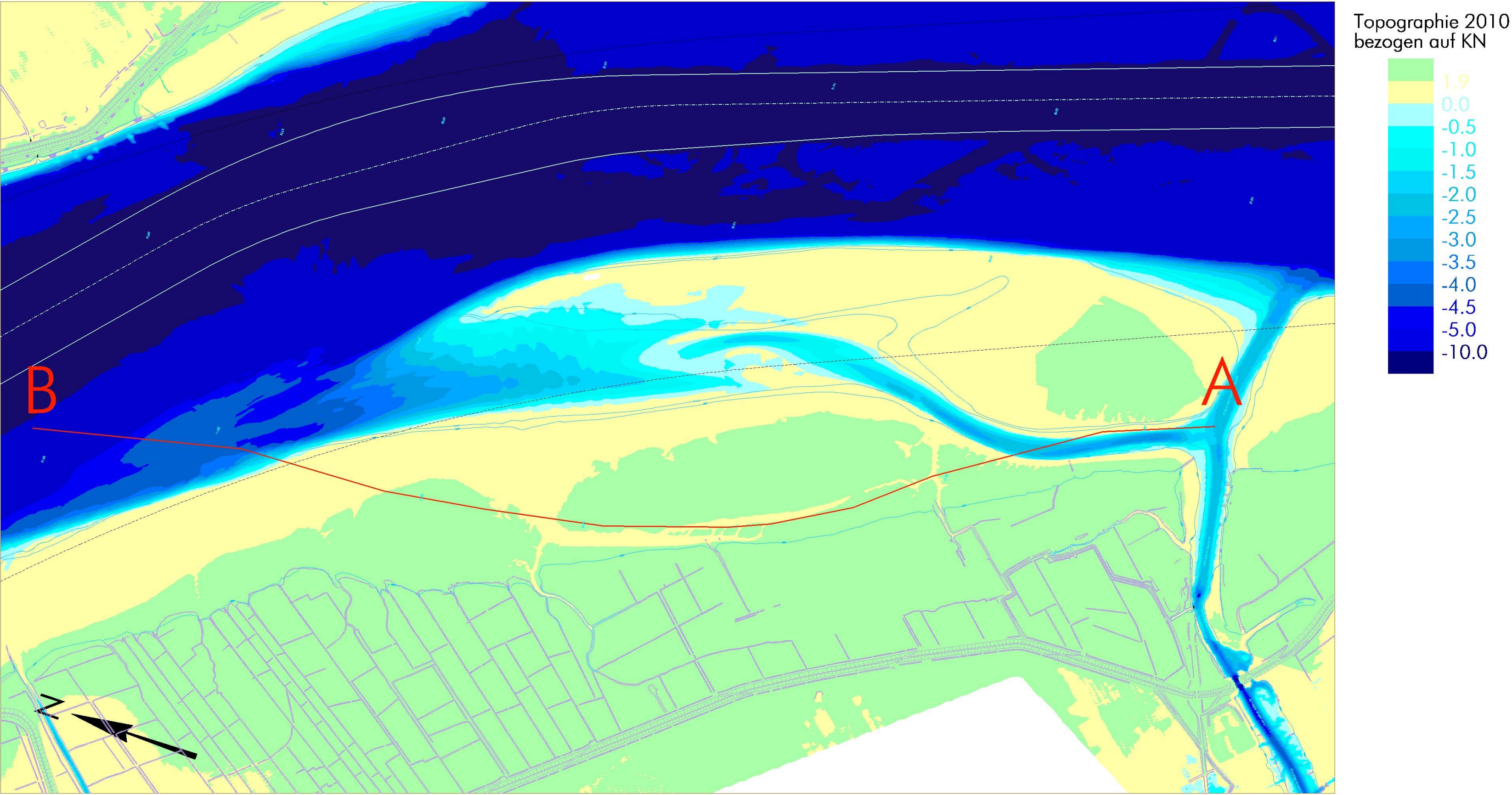
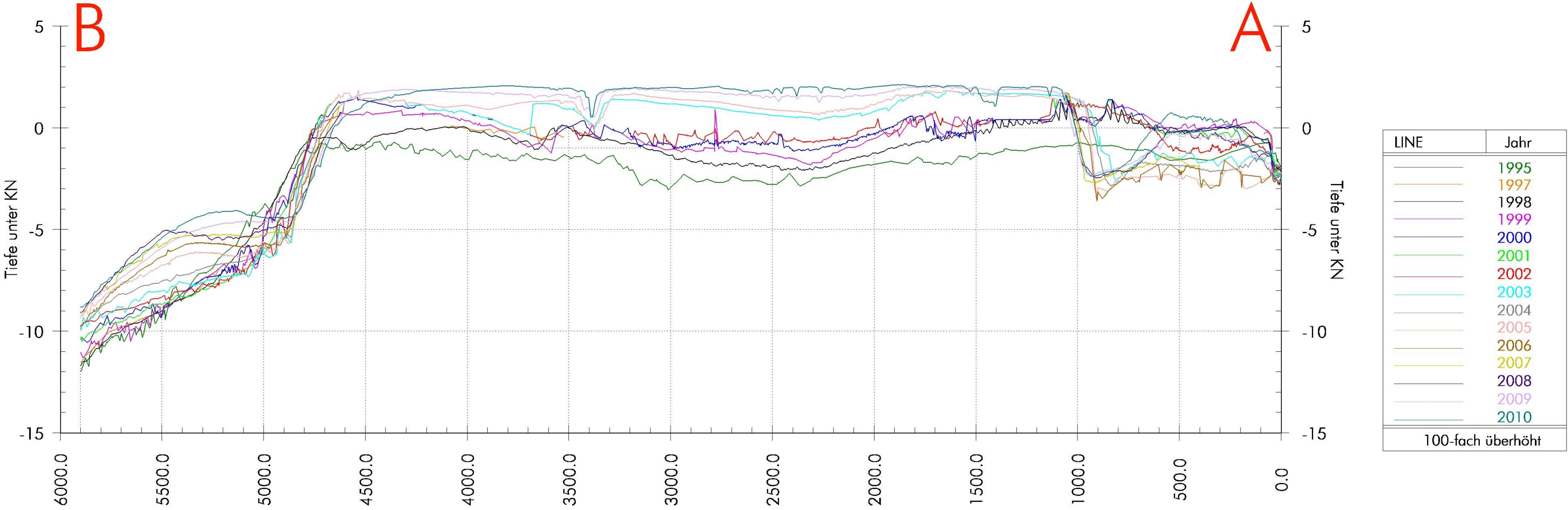
Topographische Entwicklung Glückstädter Nebelbe Flächenbezogene Auf- und Abtragsmengen [cm]

Baggerungen wurden berücksichtigt!

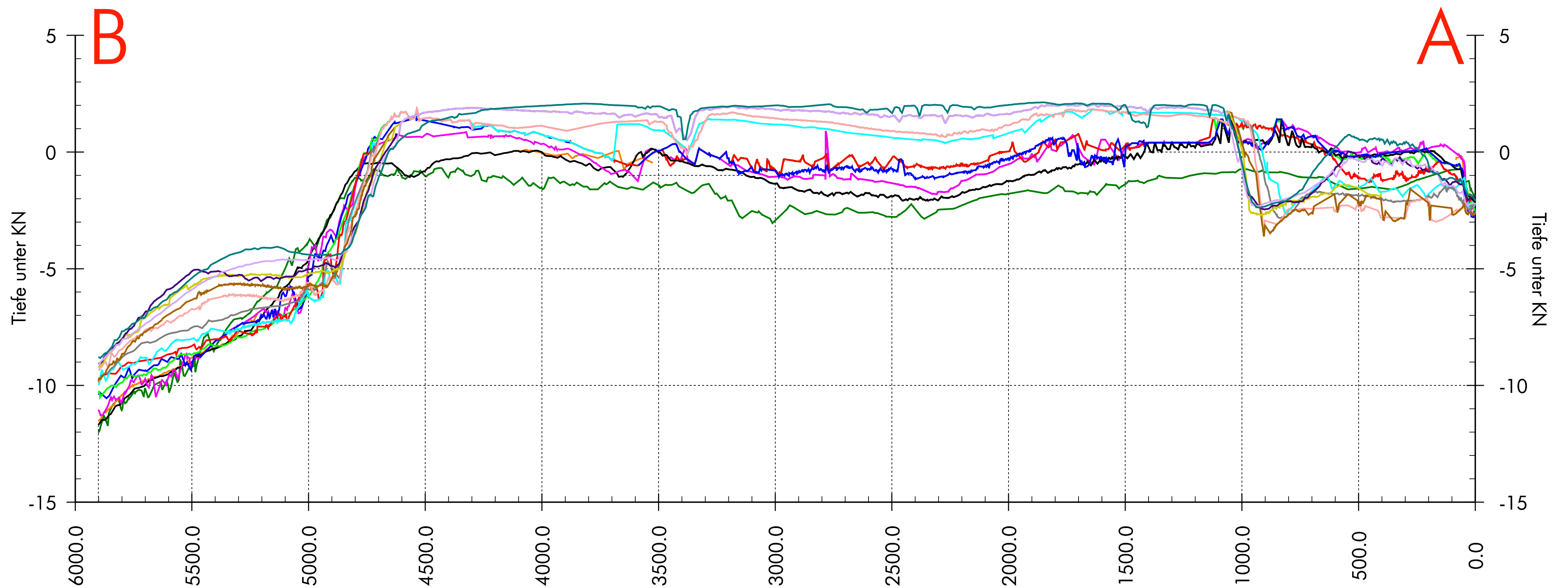


1998 / 2010	1998 / 1999	1999 / 2000	2000 / 2001	2001 / 2002	2002 / 2003	2003 / 2004	2004 / 2005
2005 / 2006	2006 / 2007	2007 / 2008	2008 / 2009	2009 / 2010			

Wischhafener Fahrwasser

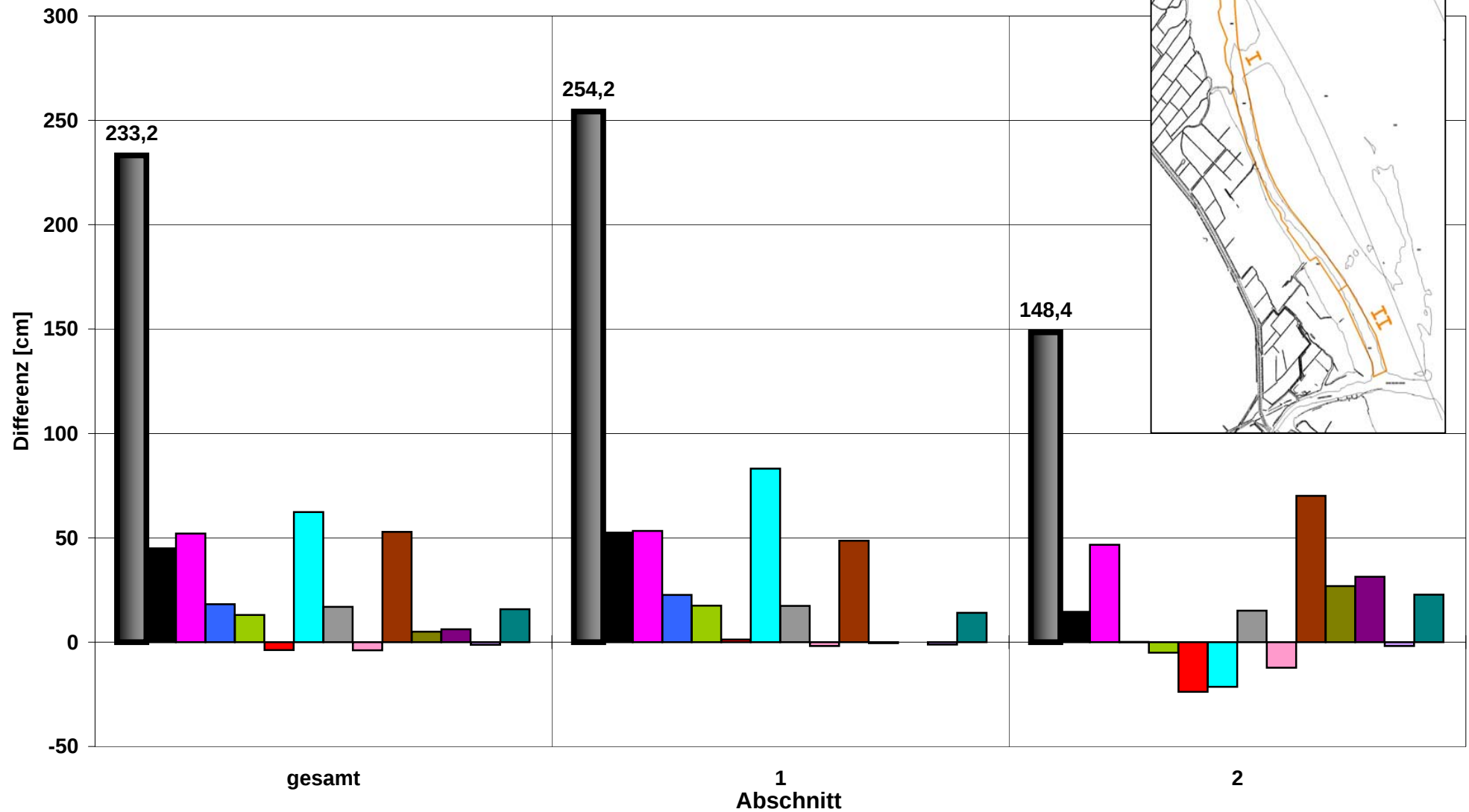


Wischhafener Fahrwasser

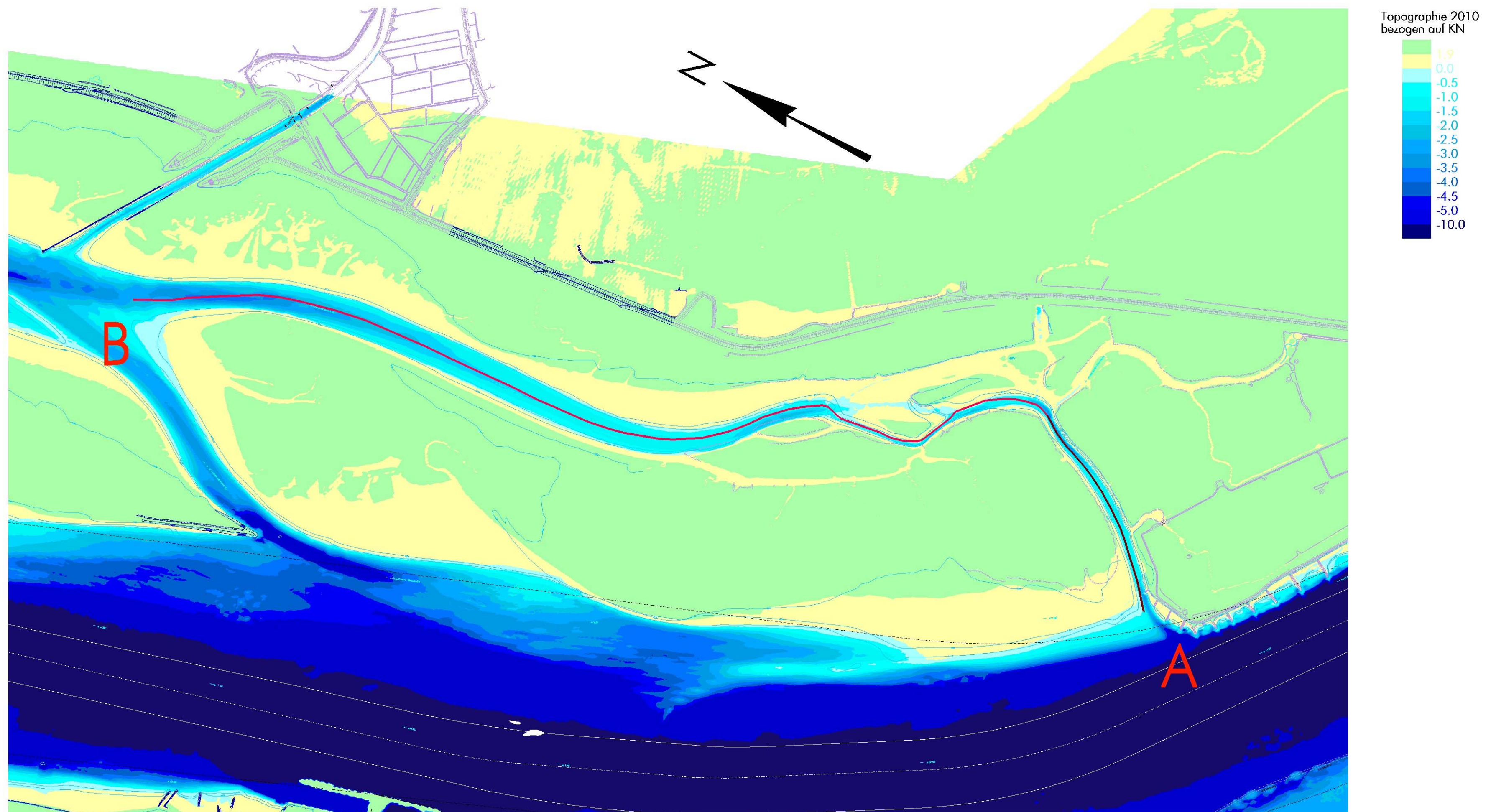
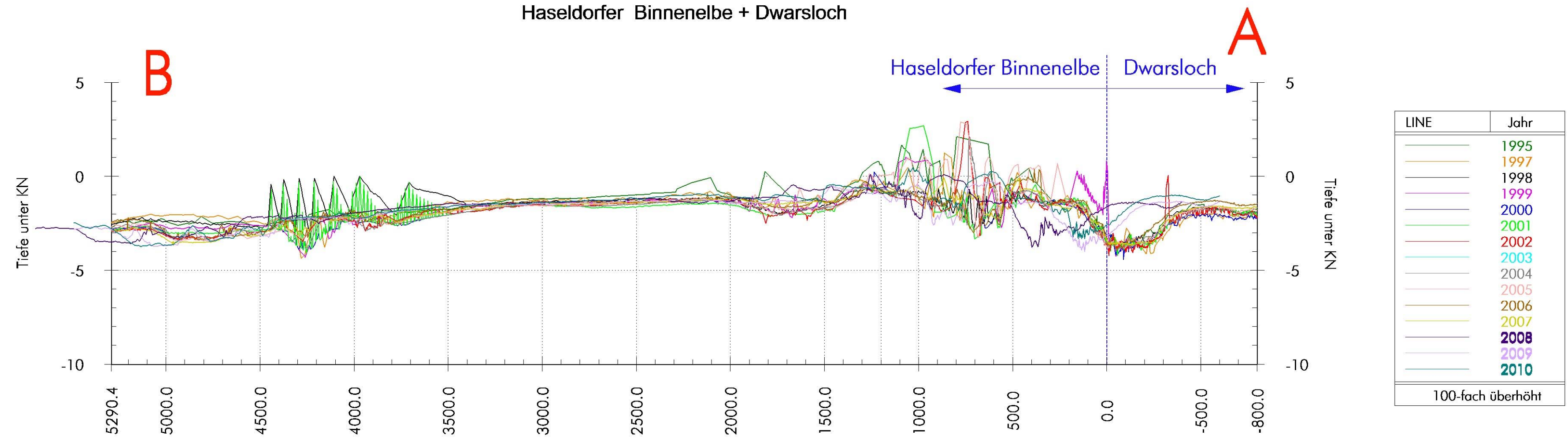


 1995  1997  1998  1999	 2000  2001  2002  2003	 2004  2005  2006  2007	 2008  2009  2010
100-fach überhöht			

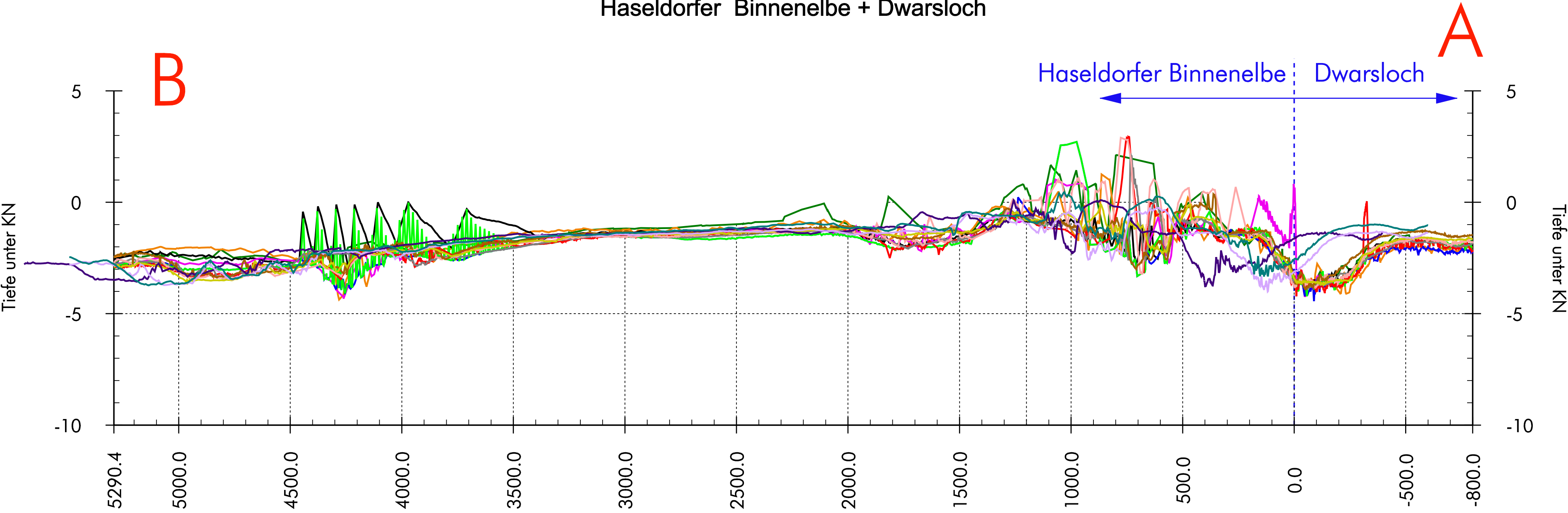
Topographische Entwicklung Wischhafener Fahrwasser Flächenbezogene Auf- und Abtragsmengen [cm]



Haseldorfer Binnenelbe + Dwarsloch

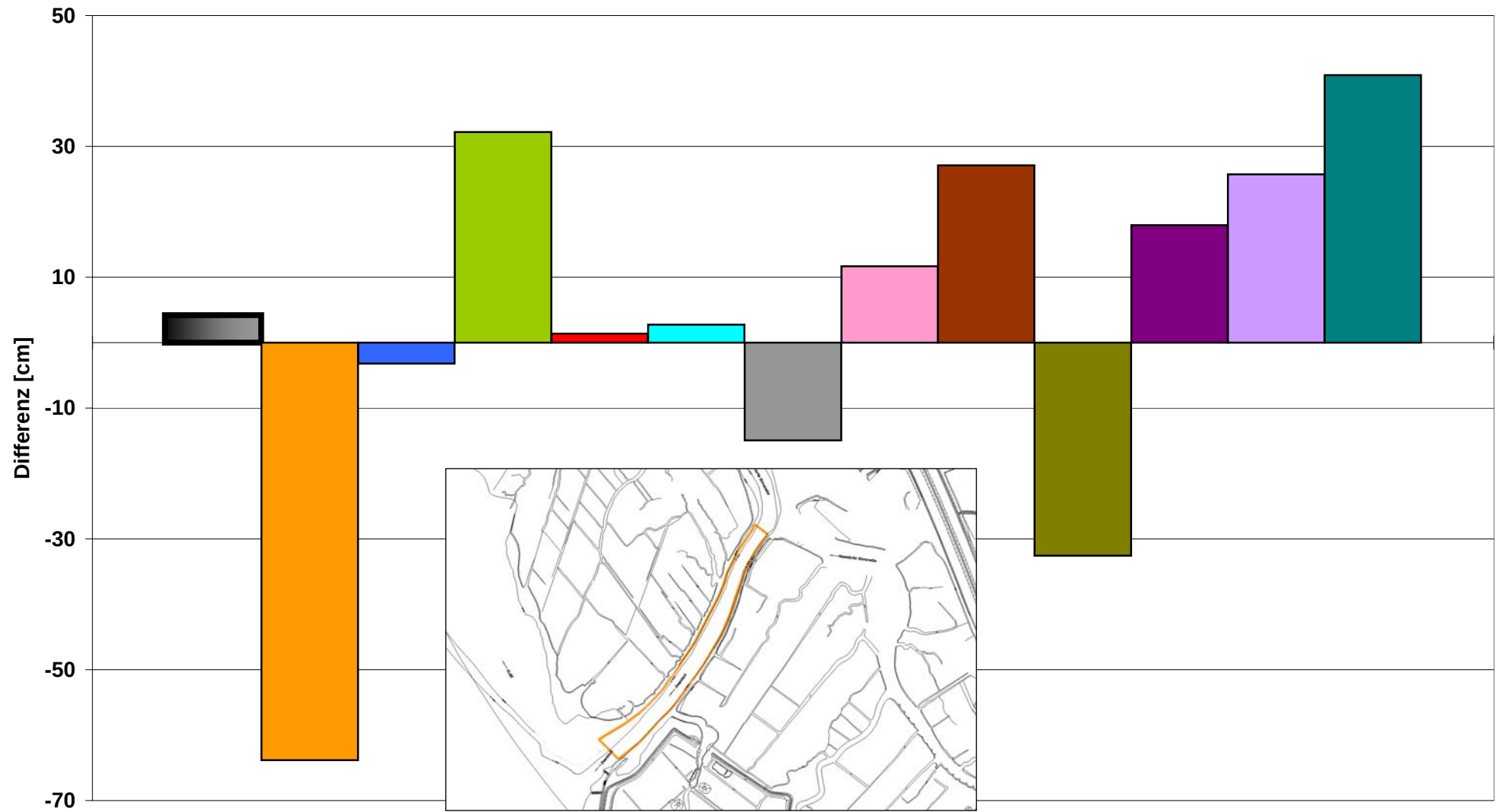


Haseldorfer Binnenelbe + Dwarsloch



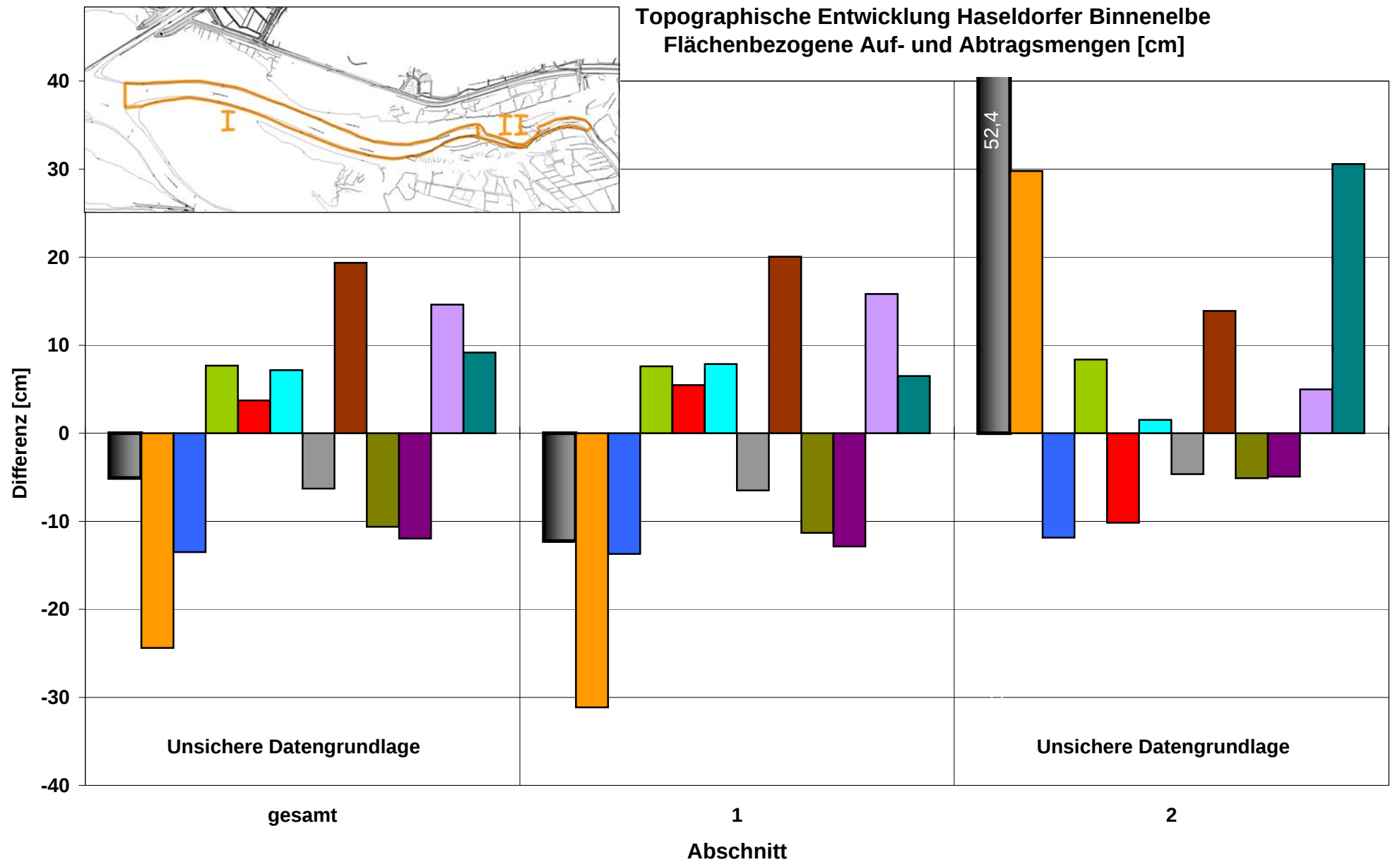
1995	2000	2004	2008
1997	2001	2005	2009
1998	2002	2006	2010
1999	2003	2007	
100-fach überhöht			

Topographische Entwicklung Dwarssloch Flächenbezogene Auf- und Abtragsmengen [cm]



■ 1998 / 2010 ■ 1998 / 1999 ■ 1999 / 2000 ■ 2000 / 2001 ■ 2001 / 2002 ■ 2002 / 2003 ■ 2003 / 2004 ■ 2004 / 2005 ■ 2005 / 2006 ■ 2006 / 2007
 ■ 2007 / 2008 ■ 2008 / 2009 ■ 2009 / 2010

Topographische Entwicklung Haseldorfer Binnenelbe Flächenbezogene Auf- und Abtragsmengen [cm]



Unsichere Datengrundlage

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