

DEURNE 201 - HISTORICAL TEMPERATURE SERIES

1 HISTORY UNTIL 2023

201 - DEURNE (1880 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
265	ANTWERPEN	2/1880	5/1914	1299	4°24' 0"	51°13' 30"	10	0.0	0
262	DOEL	6/1914	1/1931	1300	4°15' 46"	51°18' 35"	3	13.4	7
261	ANTWERPEN	2/1931	9/1950	1301	4°24' 51"	51°12' 35"	10	2.0	0
200	DEURNE	10/1950	12/2023	24	4°27' 11"	51°11' 32"	14	5.2	4

2 DETECTED BREAKS

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
201	DEURNE	10/2002	-0.25	0.14	observer change station catenation
201	DEURNE	4/1994	0.33	0.14	
201	DEURNE	12/1950	-1.29	0.17	
201	DEURNE	1/1931	0.60	0.17	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
201	DEURNE	12/1950	-1.29	0.17	observer change station catenation
201	DEURNE	1/1931	0.60	0.17	

BRUXELLES-ZAVENTEM 203 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

203 - BRUXELLES - ZAVENTEM (1889 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
908	ST JOSSE TEN NODE	1/1889	12/1953	544	4°21' 59"	50°51' 23"	35	0.0	0
907	ZAVENTEM	1/1954	12/2023	171	4°31' 41"	50°53' 50"	58	12.3	23

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
203	BRUXELLES - ZAVEN- TEM	12/2005	-0.20	0.11	relocation station catenation
203	BRUXELLES - ZAVEN- TEM	12/1980	-0.25	0.11	
203	BRUXELLES - ZAVEN- TEM	12/1953	-2.12	0.18	
203	BRUXELLES - ZAVEN- TEM	12/1940	0.39	0.18	
203	BRUXELLES - ZAVEN- TEM	12/1932	-0.64	0.18	
203	BRUXELLES - ZAVEN- TEM	12/1908	0.94	0.18	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
203	BRUXELLES - ZAVEN- TEM	12/2005	-0.28	0.15	relocation station catenation
203	BRUXELLES - ZAVEN- TEM	12/1980	-0.26	0.15	
203	BRUXELLES - ZAVEN- TEM	12/1953	-0.81	0.16	
203	BRUXELLES - ZAVEN- TEM	12/1911	-0.31	0.16	

EZEMAAL 206 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

206 - EZEMAAL (1913 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1100	EZEMAAL	6/1913	8/1954	1303	5°4' 57"	50°45' 24"	50	0.0	0
1201	EZEMAAL	9/1954	12/2023	481	5°0' 4"	50°46' 15"	47	6.0	3

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
206	EZEMAAL	12/1988	-0.26	0.09	station catenation
206	EZEMAAL	12/1978	0.29	0.09	
206	EZEMAAL	8/1954	-1.49	0.15	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
206	EZEMAAL	12/1996	0.19	0.13	observer change
206	EZEMAAL	12/1971	0.29	0.13	
206	EZEMAAL	2/1959	-0.75	0.13	
206	EZEMAAL	12/1949	0.29	0.17	

JALHAY 208 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

208 - JALHAY (1880 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1605	JALHAY-GILEPPE	1/1880	3/1996	381	5°58' 18"	50°35' 3"	298	0.0	0
1498	STEMBERT	1/1998	12/2023	456	5°54' 18"	50°35' 45"	290	4.9	8

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
208	JALHAY	10/2015	0.64	0.16	observer change
208	JALHAY	12/1970	-0.40	0.17	
208	JALHAY	12/1950	-0.72	0.23	
208	JALHAY	12/1925	-0.68	0.23	
208	JALHAY	12/1887	0.62	0.23	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
208	JALHAY	3/1996	1.02	0.15	station catenation
208	JALHAY	12/1983	-0.42	0.15	observer change
208	JALHAY	12/1971	0.97	0.15	
208	JALHAY	12/1950	-0.52	0.22	
208	JALHAY	12/1916	0.23	0.22	

LEUVEN 210 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

210 - LEUVEN (1930 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1002	HEVERLEE	4/1930	12/1984	178	4°41' 6"	50°51' 48"	28	0.0	0
1012	HERENT	11/1989	12/2023	193	4°39' 46"	50°54' 16"	32	4.8	4

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
210	LEUVEN	12/1999	-0.27	0.09	
210	LEUVEN	12/1962	-0.24	0.09	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
210	LEUVEN	12/1984	0.30	0.13	station catenation
210	LEUVEN	12/1972	0.37	0.13	
210	LEUVEN	12/1953	0.86	0.16	
210	LEUVEN	12/1945	-0.89	0.16	
210	LEUVEN	12/1938	1.37	0.16	
210	LEUVEN	12/1933	-0.74	0.16	

OOSTENDE 212 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

212 - OOSTENDE (1880 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
166	OOSTENDE	1/1880	11/1891	1310	2°55' 4"	51°13' 54"	4	1.2	1
165	OOSTENDE	12/1891	2/1899	1312	2°55' 49"	51°14' 11"	6	2.2	1
100	OOSTENDE	3/1899	2/1936	1309	2°54' 21"	51°13' 24"	5	0.0	0
103	OOSTENDE	3/1936	4/1940	1311	2°54' 53"	51°12' 12"	2	2.3	3
103	MIDDELKERKE	1/1956	12/2023	2	2°51' 10"	51°11' 57"	5	4.6	0

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
212	OOSTENDE	12/2006	-0.28	0.16	
212	OOSTENDE	4/1940	-0.96	0.20	station catenation
212	OOSTENDE	2/1936	0.27	0.20	station catenation

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
212	OOSTENDE	12/2006	-0.42	0.14	
212	OOSTENDE	12/1991	0.48	0.14	
212	OOSTENDE	12/1988	-0.52	0.14	
212	OOSTENDE	12/1970	-0.32	0.14	
212	OOSTENDE	4/1940	-0.36	0.17	station catenation
212	OOSTENDE	12/1919	-0.26	0.17	

SINT-TRUIDEN 213 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

213 - SINT-TRUIDEN (1880 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
865	HASSELT	1/1880	8/1899	1331	5°20' 19"	50°55' 50"	40	16.6	14
1104	SINT-TRUIDEN	9/1899	6/1938	1314	5°11' 12"	50°48' 58"	54	0.0	0
1106	ZOUTLEEUV	10/1938	12/1953	208	5°7' 32"	50°50' 20"	33	5.0	21
1104	GORSEM	1/1954	12/2023	205	5°10' 27"	50°49' 48"	39	1.8	15

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
213	SINT-TRUIDEN	1/2008	-0.44	0.10	relocation
213	SINT-TRUIDEN	12/2001	-0.34	0.10	
213	SINT-TRUIDEN	12/1971	0.33	0.10	
213	SINT-TRUIDEN	12/1953	-0.55	0.17	station catenation
213	SINT-TRUIDEN	12/1915	0.57	0.17	
213	SINT-TRUIDEN	12/1913	-1.15	0.17	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
213	SINT-TRUIDEN	12/1983	0.69	0.13	
213	SINT-TRUIDEN	12/1970	-0.19	0.13	
213	SINT-TRUIDEN	12/1944	0.73	0.19	
213	SINT-TRUIDEN	6/1938	-1.88	0.19	station catenation
213	SINT-TRUIDEN	12/1892	0.36	0.19	

LEOPOLDSBURG 216 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

216 - LEOPOLDSBURG (1881 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
800	LEOPOLDSBURG	1/1881	11/1953	1357	5°16' 17"	51°6' 28"	50	0.0	0
800	LEOPOLDSBURG	12/1953	12/1981	134	5°15' 45"	51°6' 25"	48	0.6	2
800	KOERSEL	1/1982	12/2023	135	5°16' 47"	51°4' 11"	39	4.3	11

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
216	LEOPOLDSBURG	12/2001	0.13	0.11	
216	LEOPOLDSBURG	12/1973	-0.24	0.11	
216	LEOPOLDSBURG	5/1940	-0.51	0.16	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
216	LEOPOLDSBURG	12/1981	-0.32	0.15	station catenation
216	LEOPOLDSBURG	5/1940	-0.20	0.19	
216	LEOPOLDSBURG	12/1914	0.55	0.19	

ROCHEFORT 217 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

217 - ROCHEFORT (1892 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1469	CIERGNON	6/1892	10/1898	1352	5°5' 18"	50°10' 0"	150	9.8	43
1405	ROCHEFORT	7/1912	12/2023	326	5°13' 28"	50°10' 34"	193	0.0	0

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
217	ROCHEFORT	no breaks		0.11	observer change
217	ROCHEFORT	12/1950	-0.60	0.15	
217	ROCHEFORT	12/1927	-1.24	0.15	
217	ROCHEFORT	12/1919	0.61	0.15	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
217	ROCHEFORT	12/2008	-0.52	0.17	
217	ROCHEFORT	12/1991	0.60	0.17	
217	ROCHEFORT	12/1966	-0.45	0.17	

CHIMAY 218 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

218 - CHIMAY (1910 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1705	FORGES	8/1910	12/2023	497	4°20' 25"	49°58' 55"	318	0.0	0

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
218	CHIMAY	12/1963	-0.34	0.13	
218	CHIMAY	12/1945	-0.45	0.16	
218	CHIMAY	12/1931	-0.91	0.16	
218	CHIMAY	12/1913	0.94	0.16	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
218	CHIMAY	12/1947	-0.66	0.17	
218	CHIMAY	12/1927	0.32	0.17	
218	CHIMAY	12/1919	0.58	0.17	

STAVELOT 219 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

219 - STAVELOT (1890 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1508	STAVELOT	1/1890	12/2023	349	5°56' 8"	50°23' 52"	320	0.0	0

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
219	STAVELOT	12/1959	0.67	0.13	
219	STAVELOT	12/1939	-1.64	0.15	
219	STAVELOT	12/1936	0.76	0.15	
219	STAVELOT	12/1917	-0.36	0.15	
219	STAVELOT	12/1908	-0.23	0.15	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
219	STAVELOT	3/2018	-0.33	0.20	relocation
219	STAVELOT	12/1984	-0.58	0.17	
219	STAVELOT	12/1965	0.58	0.17	
219	STAVELOT	12/1959	0.66	0.17	
219	STAVELOT	12/1938	-0.32	0.20	
219	STAVELOT	12/1919	-0.39	0.20	

MAREDSOUS 220 - HISTORICAL TEMPERATURE SERIES

1 History until 2013

220 - MAREDSOUS (1893 – 2013)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1301	DENEE MAREDSOUS	1/1893	12/1981	268	4°46' 3"	50°17' 12"	222	0.0	0
608	METTET	1/1982	10/1991	288	4°39' 25"	50°19' 13"	238	8.7	16
1311	SAINT-GERARD	12/1991	11/2013	287	4°44' 9"	50°20' 53"	240	7.2	18

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
220	MAREDSOUS	10/1991	-0.51	0.09	station catenation
220	MAREDSOUS	12/1966	0.26	0.09	
220	MAREDSOUS	12/1942	-0.57	0.16	
220	MAREDSOUS	12/1923	-0.38	0.16	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
220	MAREDSOUS	12/1949	0.37	0.18	
220	MAREDSOUS	12/1936	-0.42	0.18	

GEMBOUX 221 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

221 - GEMBOUX (1881 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1009	GEMBOUX	5/1881	12/1962	1354	4°39' 35"	50°33' 40"	160	0.0	0
1009	ERNAGE-GEMBOUX	1/1963	11/1999	165	4°41' 14"	50°34' 60"	159	3.1	1
1009	ERNAGE AWS	2/2000	12/2023	640	4°41' 27"	50°34' 57"	157	3.2	3

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
221	GEMBOUX	12/2011	-0.24	0.10	
221	GEMBOUX	12/1943	-0.77	0.15	
221	GEMBOUX	12/1916	-0.43	0.15	
221	GEMBOUX	12/1895	0.46	0.15	
221	GEMBOUX	12/1890	-0.82	0.15	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
221	GEMBOUX	12/1980	-0.24	0.17	
221	GEMBOUX	12/1943	0.71	0.20	
221	GEMBOUX	12/1941	-0.98	0.20	
221	GEMBOUX	12/1915	0.28	0.20	

MONT-RIGI 222 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

222 - MONT-RIGI (1928 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1600	BARAQUE MICHEL	1/1928	11/1953	1353	6°3' 40"	50°31' 7"	672	0.0	0
1600	MONT-RIGI	12/1953	12/1953	359	6°3' 53"	50°30' 53"	673	0.5	1
1505	BOTRANGE	1/1954	11/1984	345	6°5' 43"	50°30' 0"	692	3.2	20
1510	BOTRANGEPARC	1/1985	7/1989	343	6°6' 1"	50°29' 54"	655	3.6	17
1600	MONT-RIGI	11/1989	6/2003	359	6°3' 53"	50°30' 53"	673	0.5	1
1600	MONT RIGI AWS	7/2003	12/2023	626	6°4' 29"	50°30' 42"	673	1.2	1

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
222	MONT-RIGI	11/2014	-0.45	0.12	
222	MONT-RIGI	7/1989	0.57	0.16	station catenation
222	MONT-RIGI	11/1984	0.52	0.16	station catenation
222	MONT-RIGI	12/1977	-0.38	0.16	
222	MONT-RIGI	11/1953	-1.23	0.15	station catenation
222	MONT-RIGI	12/1935	0.49	0.15	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
222	MONT-RIGI	12/1960	-0.19	0.12	
222	MONT-RIGI	12/1937	-0.33	0.17	

THIMISTER 223 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

223 - THIMISTER (1881 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1501	VERVIERS	1/1881	12/1899	1355	5°53' 1"	50°35' 48"	255	6.6	25
1500	THIMISTER	1/1900	12/2004	333	5°51' 48"	50°39' 15"	280	0.0	0
1504	WALHORN	1/2005	12/2023	337	6°2' 5"	50°41' 53"	220	13.1	60

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
223	THIMISTER	12/2004	0.55	0.12	station catenation relocation
223	THIMISTER	3/1989	-0.58	0.12	
223	THIMISTER	12/1975	0.37	0.12	
223	THIMISTER	12/1956	-0.46	0.12	
223	THIMISTER	12/1947	-0.68	0.19	
223	THIMISTER	12/1936	-0.79	0.19	
223	THIMISTER	12/1932	-0.71	0.19	
223	THIMISTER	12/1927	0.28	0.19	
223	THIMISTER	12/1923	1.57	0.19	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
223	THIMISTER	11/2013	0.38	0.14	station catenation
223	THIMISTER	12/2004	-0.66	0.19	
223	THIMISTER	12/1971	-0.64	0.19	
223	THIMISTER	12/1968	0.66	0.19	
223	THIMISTER	12/1945	0.35	0.22	
223	THIMISTER	12/1934	0.58	0.22	
223	THIMISTER	12/1921	-1.01	0.22	
223	THIMISTER	12/1899	0.48	0.22	station catenation

UCCLE 224 - HISTORICAL TEMPERATURE SERIES

1 History until 2023

224 - UCCLE (1880 – 2023)

TT CODE	TT NAME	BEGIN	END	STAT ID	LON	LAT	ALT	ΔR	ΔALT
1065	Saint-Josse-ten-Noode	1/1880	6/1886	1366	4°22' 8"	50°51' 7"	51	6.1	49
905	UCCLE-UKKEL (OU-VERT)	7/1886	6/1983	166	4°21' 25"	50°47' 51"	100	0.2	0
904	UCCLE-UKKEL (FERME)	6/1983	12/2023	169	4°21' 33"	50°47' 51"	100	0.0	0

2 Detected breaks

Table 1: Detected breaks in TX merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
224	UCCLE	6/1983	-0.91	0.15	station catenation
224	UCCLE	12/1899	0.51	0.15	
224	UCCLE	12/1890	-0.51	0.15	

Table 2: Detected breaks in TN merged series

LS code	LS name	Date	Amplitude in °C	MDA in °C	Metadata
224	UCCLE	6/1983	0.15	0.17	station catenation
224	UCCLE	6/1886	-0.59	0.17	station catenation