Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
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Dipartimento federale dell'interno DFI
Ufficio federale di meteorologia e climatologia MeteoSvizzera

Inverno 2011-2012

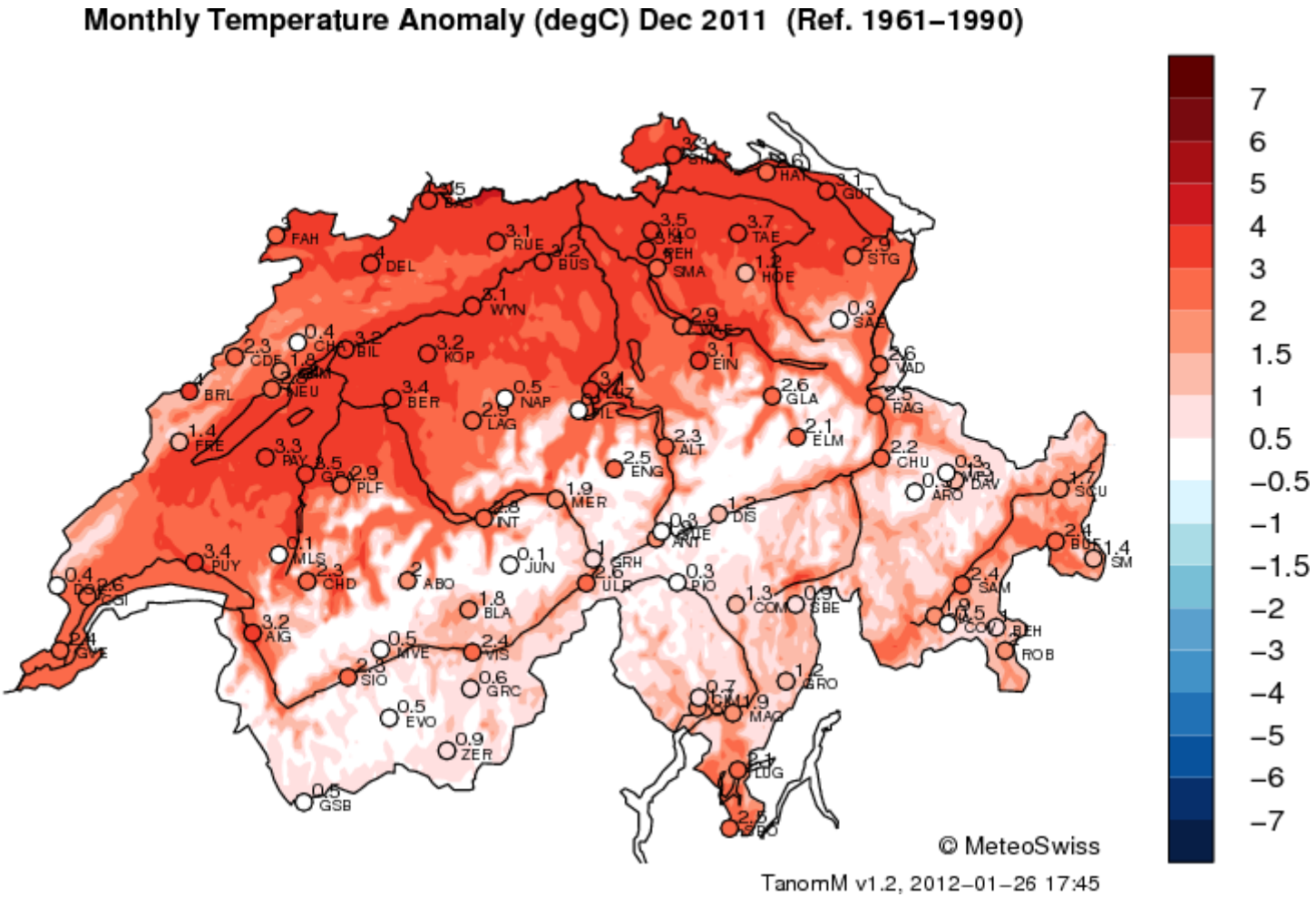
Retrospettiva meteoclimatica

Matteo Buzzi

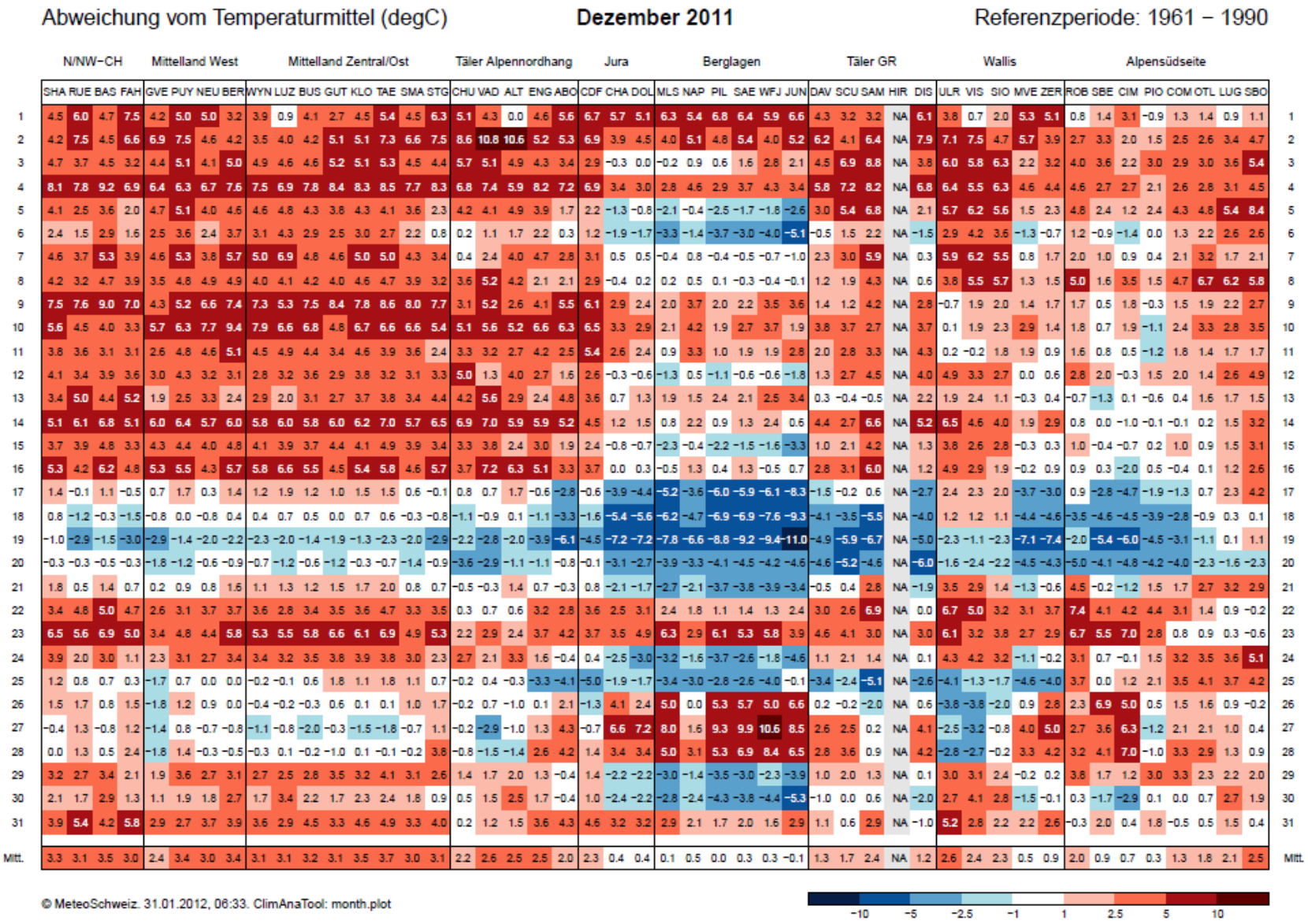
Panoramica

- Andamento rispetto ai valori normali 1961-1990
  - Temperatura
  - Precipitazioni
  - Soleggiamento
- Situazioni meteorologiche preponderanti
  - Distribuzione nell ‘autunno 2010
- Alcuni casi interessanti

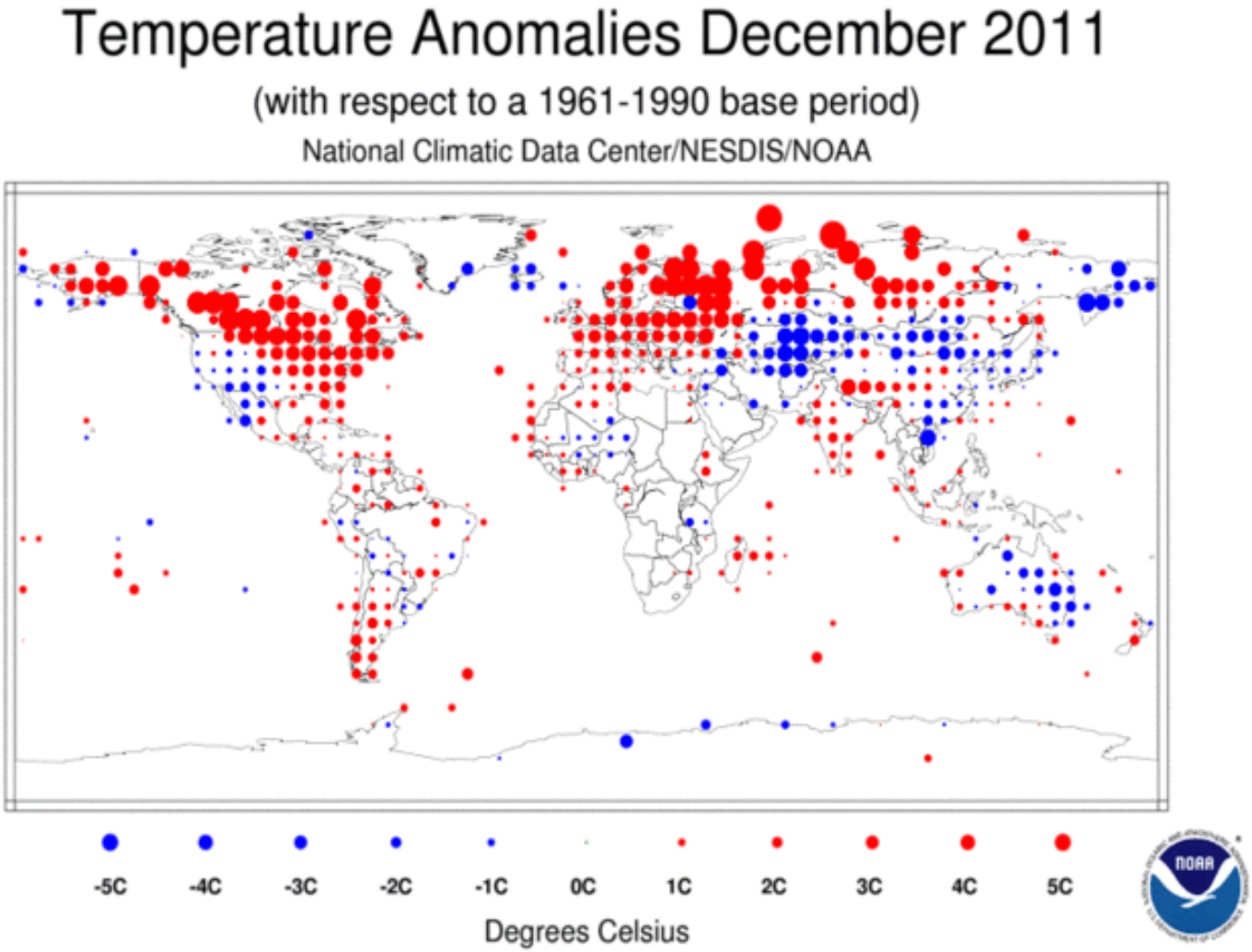
Temperatura: dicembre 2011



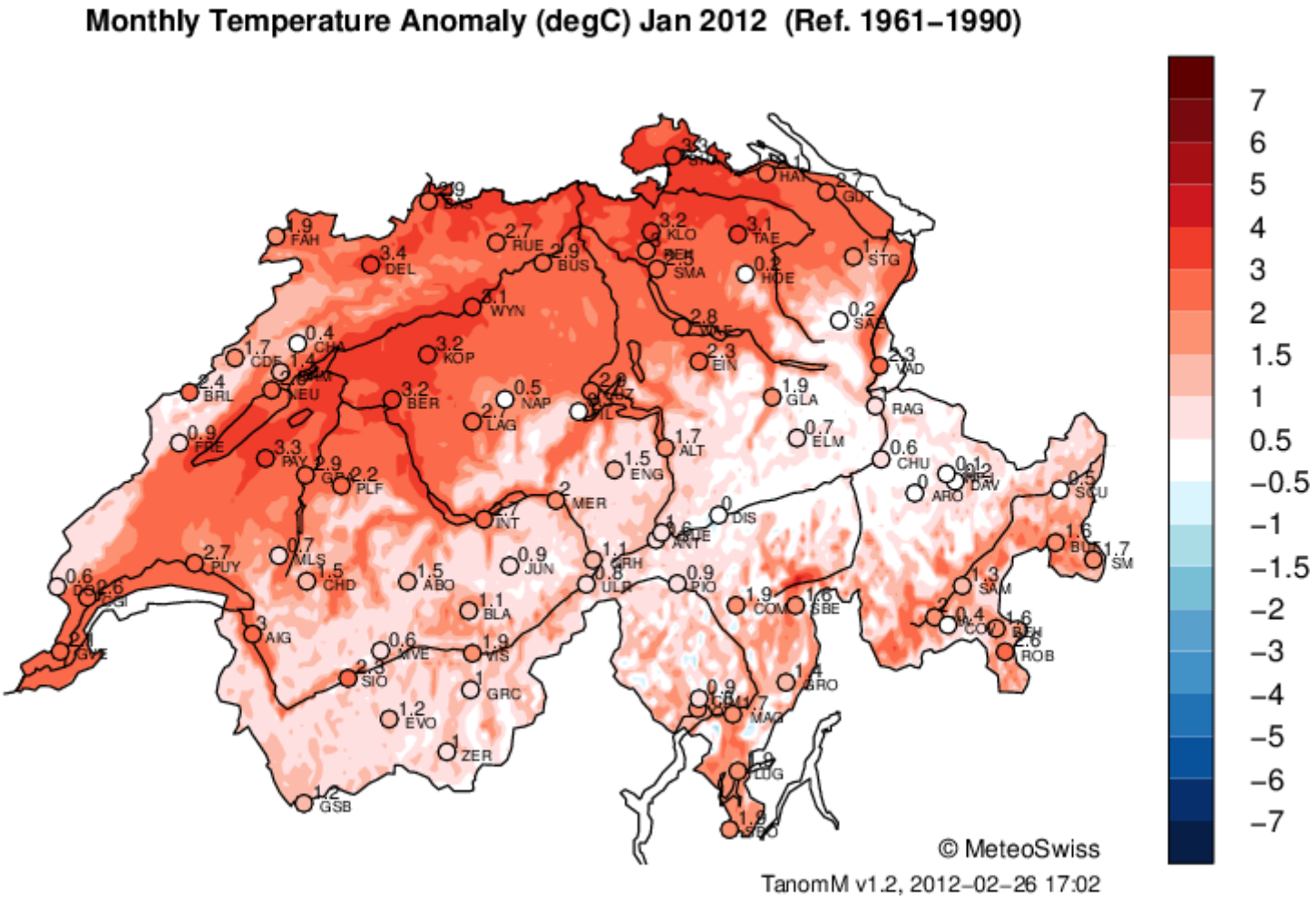
Evoluzione per stazione



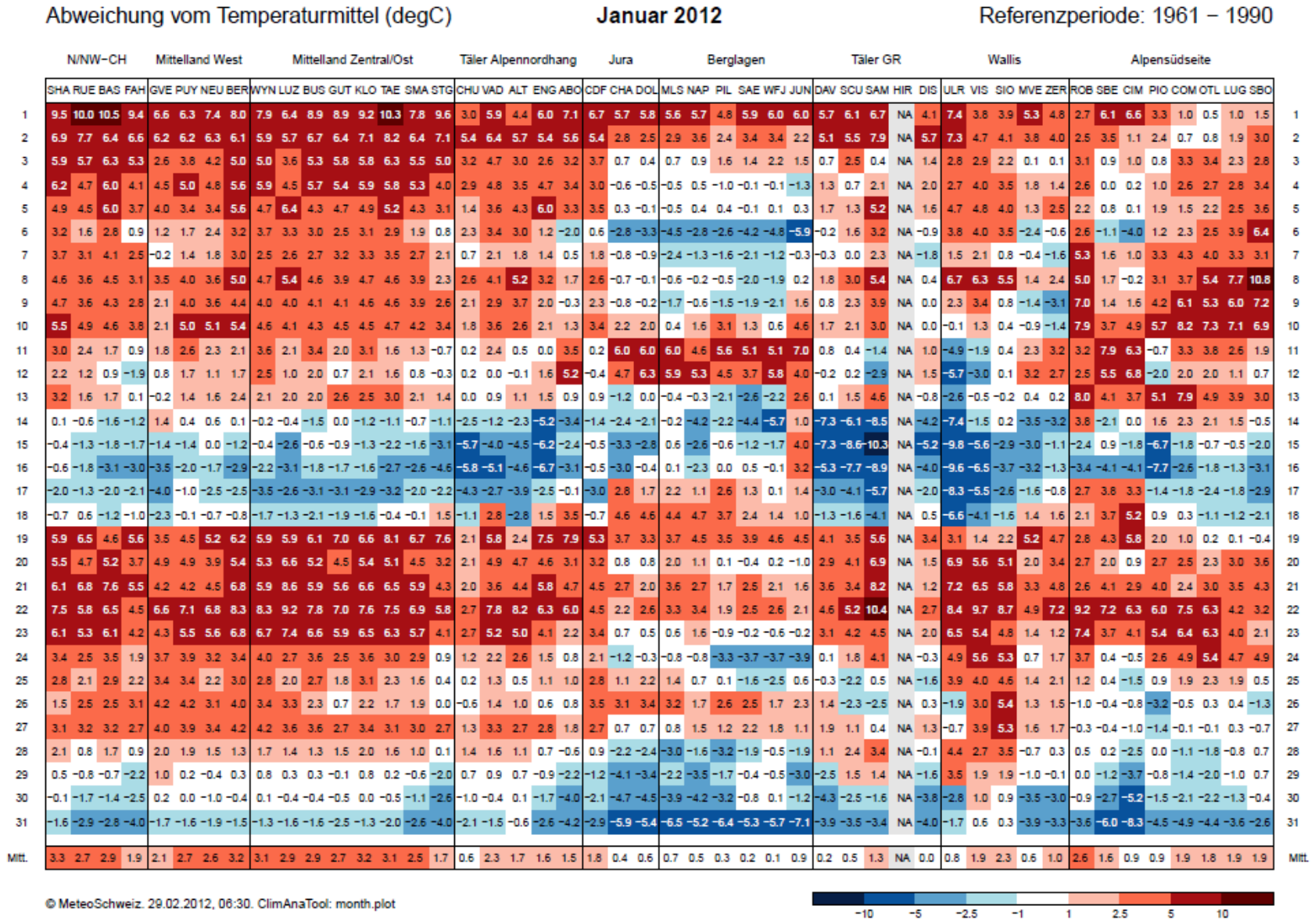
Temperatura: anomalie globali dicembre



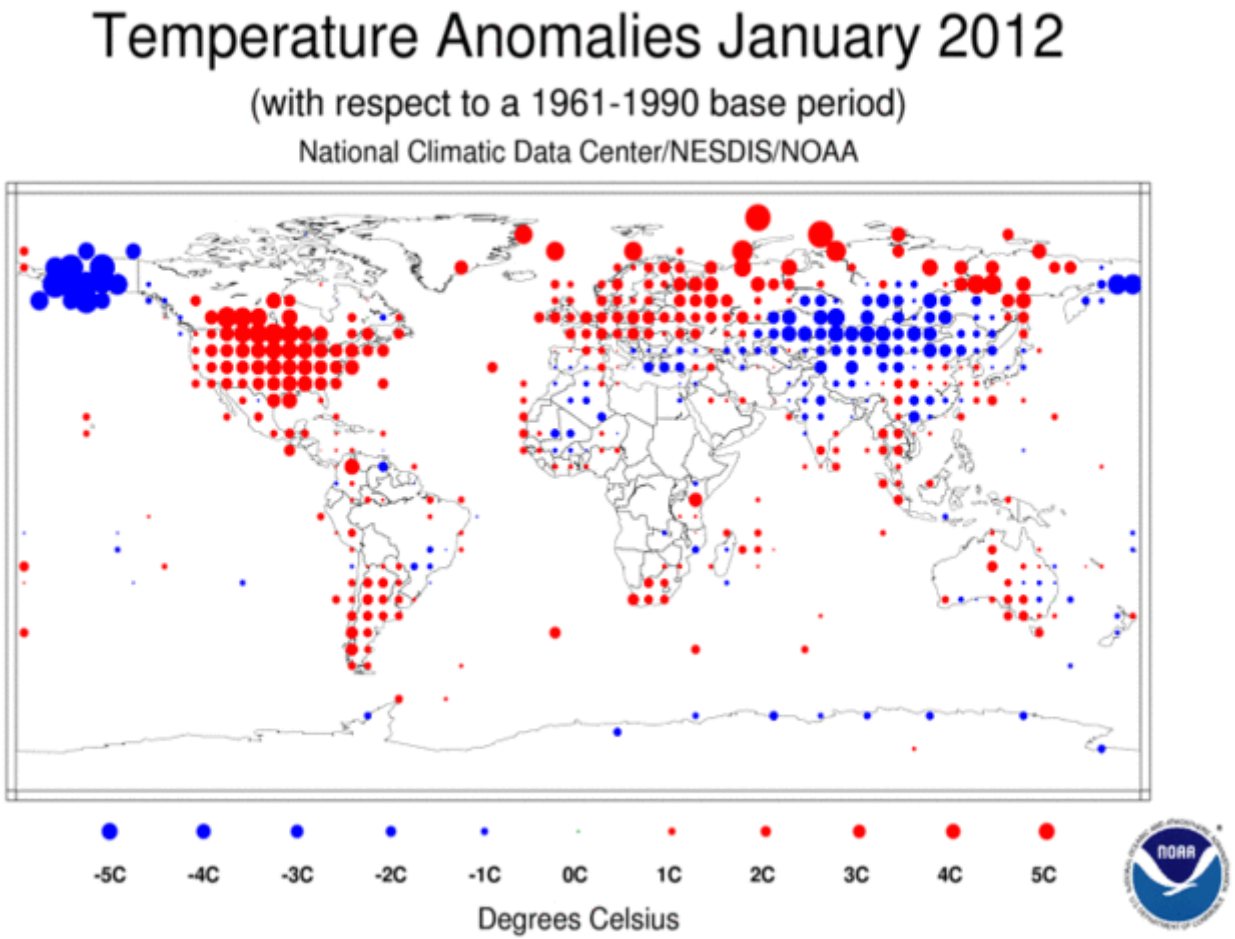
Temperatura: gennaio 2012



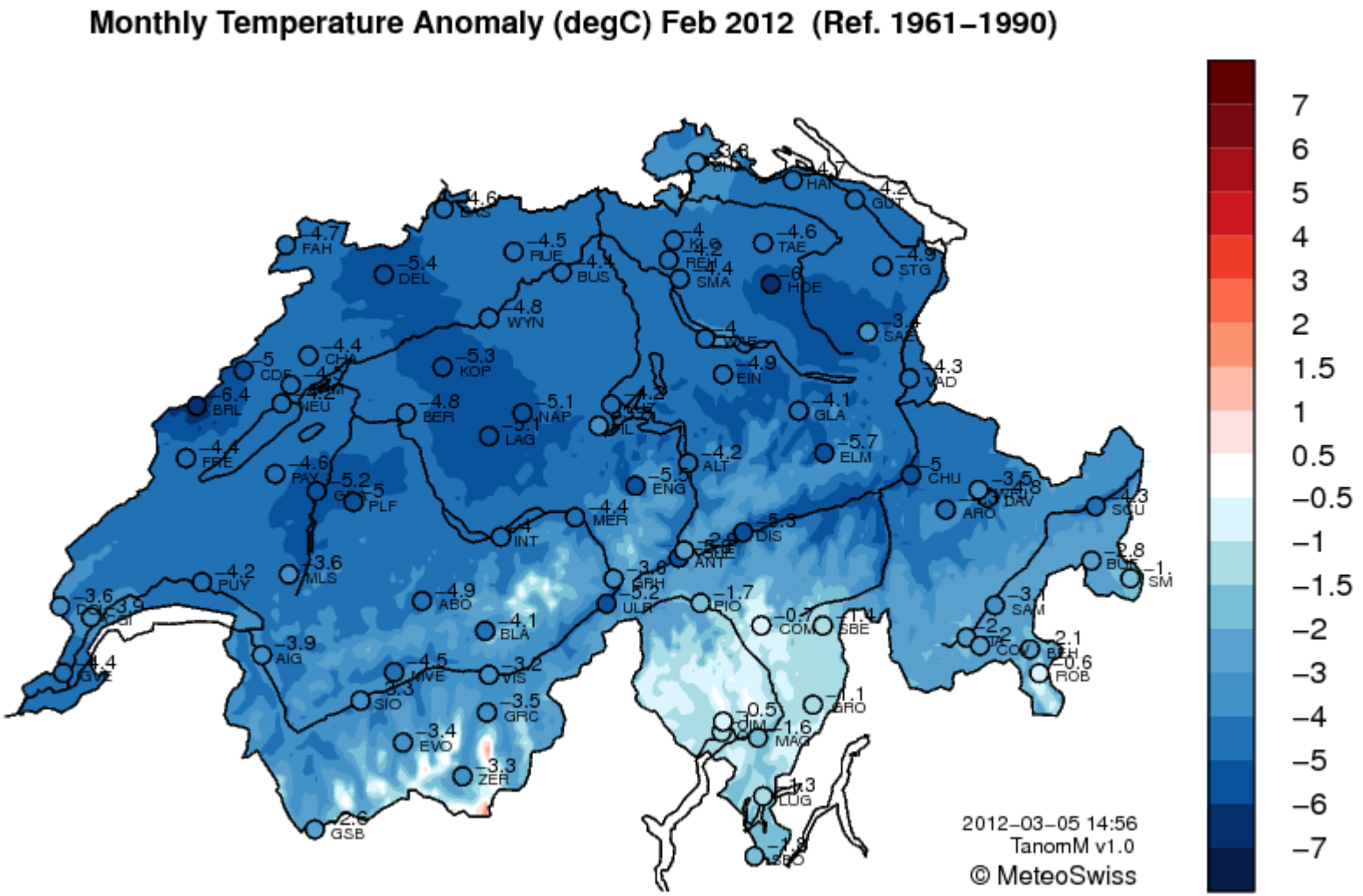
Evoluzione per stazione



Temperatura: anomalie globali gennaio



Temperatura: febbraio 2012

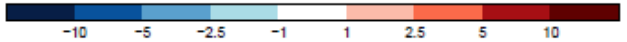


Temperatura: anomalie globali febbraio

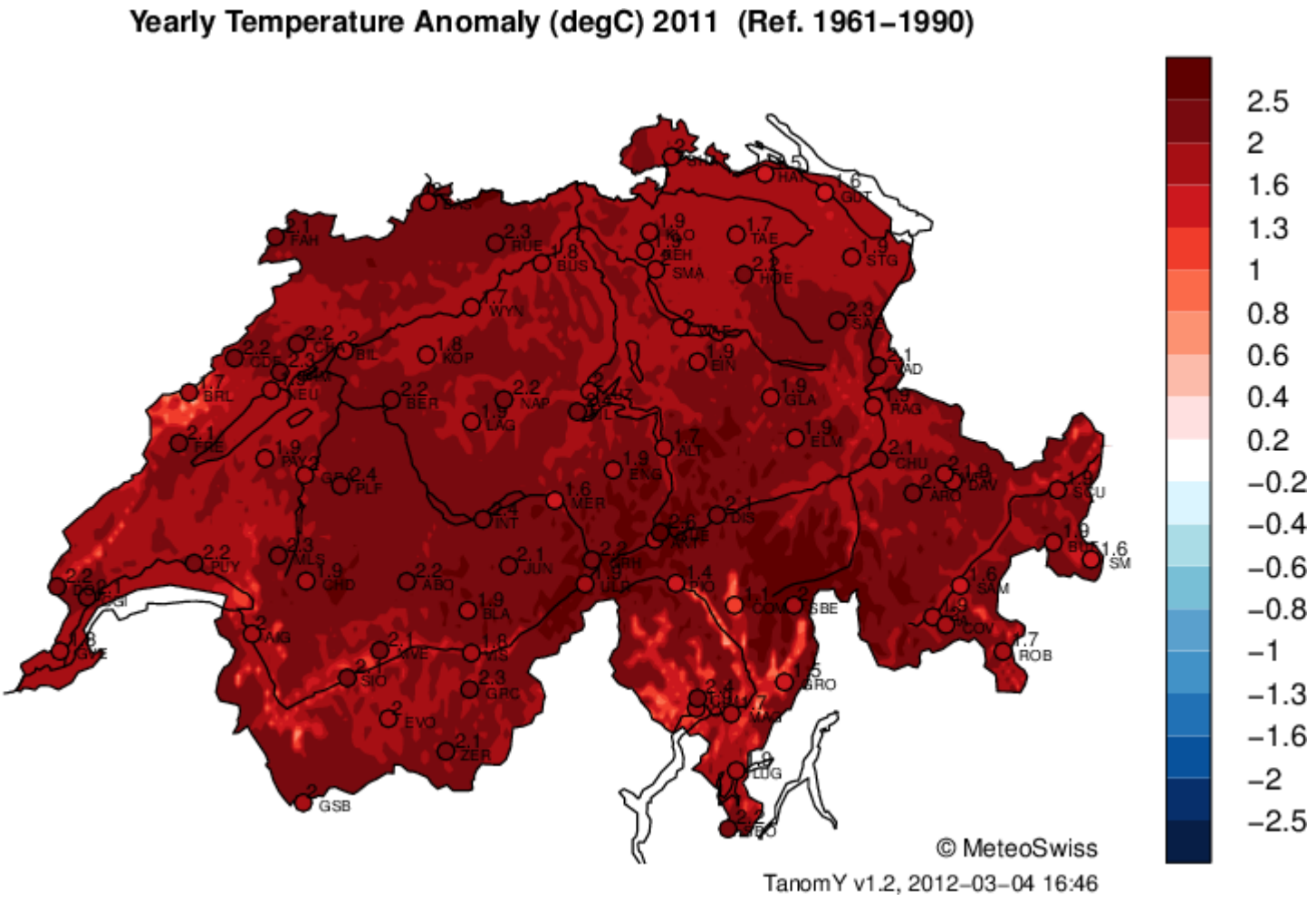
Evoluzione per stazione

Abweichung vom Temperaturmittel (degC) **Februar 2012** Referenzperiode: 1961 – 1990

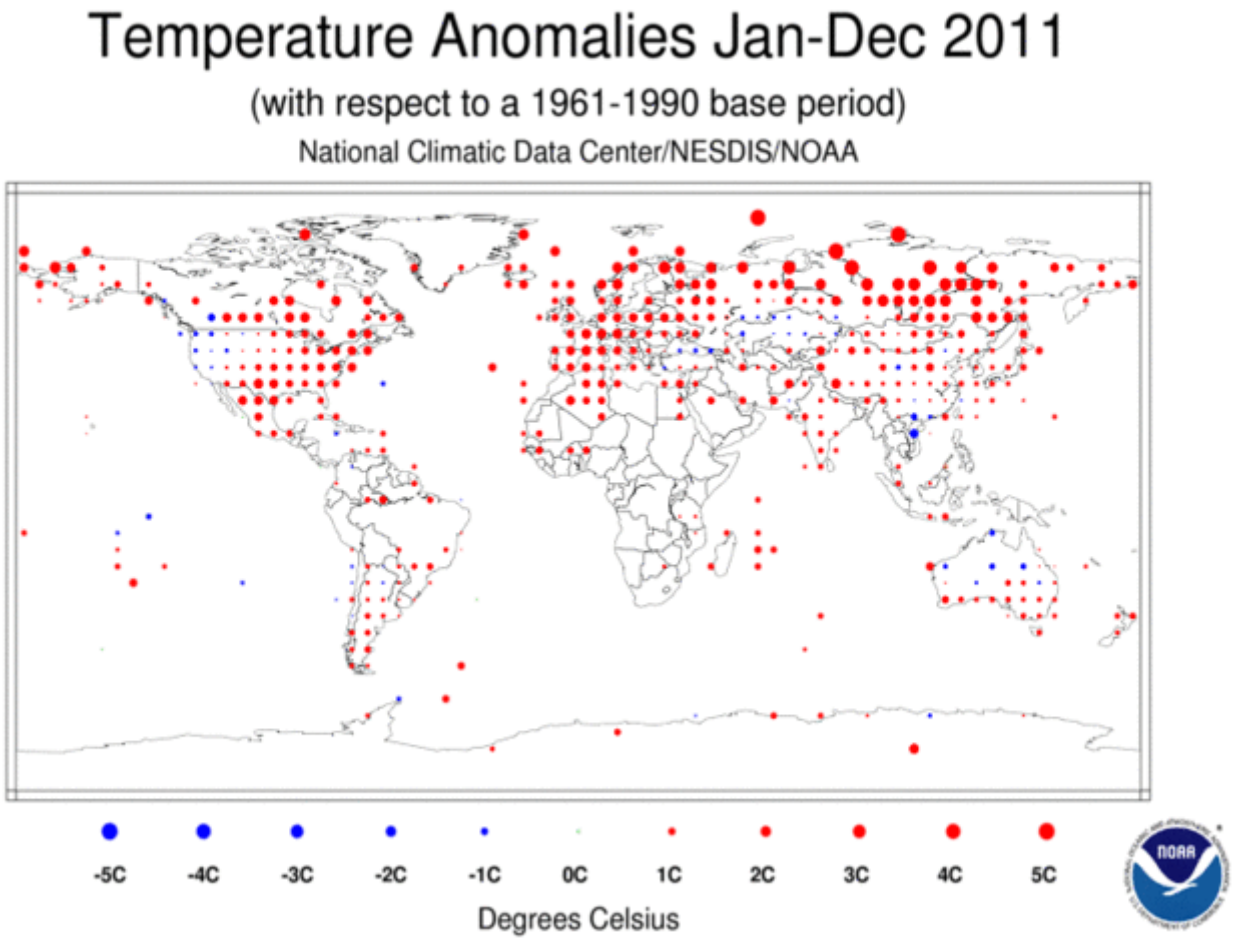
	N/NW-CH				Mittelland West				Mittelland Zentral/Ost								Täler Alpennordhang								Jura			Berglagen								Täler GR					Wallis					Alpensüdseite									
	SHA	RUE	BAS	FAH	GVE	PUY	NEU	BER	WYN	LUZ	BUS	GUT	KLO	TAE	SMA	STG	CHU	VAD	ALT	ENG	ABO	CDF	CHA	DOL	MLS	NAP	PIL	SAE	WFJ	JUN	DAV	SCU	SAM	HIR	DIS	ULR	VIS	SIO	MVE	ZER	ROB	SBE	CIM	PIO	COM	OTL	LUG	SBO	
1	-4.6	-6.6	-5.7	-7.7	-3.8	-4.9	-5.2	-5.2	-4.7	-5.3	-4.7	-5.8	-4.7	-5.4	-5.9	-7.7	-4.8	-4.8	-4.0	-6.4	-6.8	-6.5	-9.2	-8.2	-9.2	-9.3	-9.3	-6.3	-5.3	-5.1	-5.8	-5.8	-4.8	NA	-7.3	-8.8	-3.0	-2.3	-7.2	-6.0	-4.9	-4.9	-6.6	-6.6	-6.8	-5.9	-4.3	-3.5	1
2	-8.1	-9.5	-8.9	-11.0	-6.8	-8.0	-8.0	-8.3	-7.7	-7.9	-7.9	-8.4	-7.8	-8.3	-8.9	-10.0	-7.5	-7.2	-6.2	-9.3	-9.8	-9.7	-12.9	-10.3	-8.1	-12.3	-8.1	-5.8	-6.1	-7.1	-8.1	-6.1	-4.1	NA	-9.3	-5.0	-2.8	-3.5	-6.9	-6.4	-4.9	-7.9	-9.3	-5.9	-5.4	-5.3	-4.8	-4.0	2
3	-10.5	-12.5	-12.7	-13.9	-9.5	-11.0	-10.4	-11.4	-10.6	-10.8	-10.7	-11.1	-11.7	-12.7	-12.0	-13.5	-10.6	-10.3	-9.1	-13.2	-13.9	-12.8	-15.4	-12.6	-14.0	-15.9	-14.6	-12.6	-12.4	-8.0	-12.7	-10.4	-9.8	NA	-12.8	-9.7	-6.5	-6.8	-10.8	-9.3	-7.9	-11.0	-9.8	-8.8	-7.1	-6.3	-5.8	-6.7	3
4	-10.9	-12.9	-13.9	-13.9	-10.3	-12.3	-10.9	-12.7	-11.7	-12.0	-11.1	-11.1	-12.6	-14.5	-12.8	-14.1	-12.5	-12.8	-10.9	-15.8	-16.2	-14.1	-16.5	-14.9	-17.1	-16.7	-17.0	-16.2	-15.8	-6.5	-17.0	-13.5	-11.7	NA	-16.6	-15.0	-8.7	-9.2	-14.3	-12.9	-6.4	-13.7	-10.3	-8.8	-7.3	-7.5	-7.6	-10.2	4
5	-11.3	-13.2	-13.3	-13.6	-10.7	-12.2	-11.4	-13.8	-12.5	-11.7	-12.4	-10.8	-12.1	-13.4	-13.0	-14.3	-13.8	-12.6	-11.6	-16.7	-14.2	-13.1	-12.1	-11.3	-9.8	-14.2	-10.6	-11.2	-10.8	-6.9	-15.5	-13.9	-14.5	NA	-16.3	-17.8	-10.4	-9.9	-14.5	-12.7	-11.5	-10.0	-10.9	-12.4	-11.0	-8.9	-8.4	-11.2	5
6	-12.1	-13.3	-12.7	-13.5	-9.9	-11.5	-11.2	-13.7	-12.3	-11.6	-12.5	-11.4	-12.8	-14.0	-13.6	-13.2	-13.7	-12.6	-10.2	-14.9	-12.6	-13.3	-10.9	-10.0	-10.8	-13.0	-11.3	-11.8	-12.2	-9.0	-15.2	-15.1	-14.6	NA	-15.0	-15.5	-9.9	-9.8	-14.2	-11.7	-7.2	-8.5	-5.7	-6.6	-6.3	-7.4	-7.3	-11.3	6
7	-11.4	-13.2	-13.5	-14.8	-10.8	-12.5	-11.5	-12.5	-11.2	-11.3	-11.4	-11.2	-11.3	-11.5	-12.5	-12.9	-11.8	-10.7	-9.8	-13.8	-15.5	-14.0	-16.0	-13.3	-11.7	-16.2	-10.2	-6.8	-6.2	-3.3	-13.4	-11.1	-8.5	NA	-14.3	-11.5	-8.2	-8.6	-12.9	-11.6	-2.2	-7.8	-2.7	-4.0	-2.3	-4.4	-4.3	-6.7	7
8	-9.2	-10.7	-10.0	-11.2	-9.3	-9.8	-9.5	-10.2	-9.5	-8.7	-9.5	-8.9	-8.8	-8.9	-9.9	-11.1	-11.2	-10.5	-8.1	-12.4	-11.6	-11.1	-6.6	-1.8	1.8	-12.6	1.2	0.9	0.3	-0.4	-4.9	-8.4	-6.2	NA	-9.5	-7.0	-7.5	-8.6	-7.9	1.7	-4.0	-0.2	-0.2	-5.2	-4.8	-3.7	-3.0	-3.6	8
9	-9.0	-9.3	-10.3	-9.8	-7.3	-7.6	-8.1	-9.2	-9.4	-7.5	-8.9	-8.4	-9.3	-9.9	-8.8	-9.7	-10.4	-9.8	-6.3	-9.5	-5.6	-8.3	-4.8	-3.1	-4.2	-5.7	-5.3	-6.5	-6.4	-5.0	-5.7	-5.8	-5.6	NA	-8.3	-6.5	-6.9	-6.9	-4.6	-4.4	-1.2	-0.7	0.4	-1.9	-2.1	-3.4	-2.8	-5.0	9
10	-8.1	-9.8	-9.2	-10.5	-7.9	-9.1	-8.5	-8.7	-8.2	-8.7	-8.4	-8.3	-8.5	-8.8	-9.5	-10.9	-9.5	-9.5	-8.3	-10.4	-11.8	-10.4	-13.3	-11.9	-14.1	-13.1	-15.1	-13.3	-14.5	-11.7	-12.9	-11.0	-9.4	NA	-11.9	-6.4	-7.1	-6.9	-10.8	-9.2	-6.0	-10.9	-9.5	-7.7	-5.1	-5.2	-4.6	-4.5	10
11	-9.7	-11.3	-10.6	-12.7	-9.5	-10.7	-9.9	-10.1	-9.2	-9.6	-9.5	-9.9	-9.5	-9.9	-10.7	-11.9	-10.3	-9.9	-8.6	-11.6	-13.0	-11.7	-14.3	-14.2	-14.6	-14.5	-13.7	-10.6	-10.1	-6.4	-13.7	-12.3	-9.8	NA	-12.5	-13.2	-8.9	-9.2	-12.9	-10.4	-8.3	-10.9	-9.5	-8.0	-7.3	-6.6	-6.1	-6.9	11
12	-10.5	-12.0	-12.8	NA	-8.8	-10.3	-10.0	-11.5	-10.9	-10.8	-11.1	-11.5	-11.7	-14.0	-12.1	-12.9	-12.0	-11.5	-9.2	-13.1	-13.3	-11.1	-11.3	-11.0	-10.8	-14.4	-10.2	-8.2	-8.9	-6.8	-14.1	-12.6	-11.7	NA	-13.2	-13.8	-8.0	-8.1	-12.1	-10.5	-9.1	-8.2	-8.3	-8.5	-8.3	-6.4	-6.6	-8.9	12
13	-9.9	-8.9	-9.5	NA	-7.8	-8.1	-9.3	-10.3	-10.4	-8.8	-10.1	-9.3	-10.4	-10.7	-9.2	-9.4	-10.6	-9.4	-8.0	-9.6	-8.5	-8.1	-7.0	-7.2	-8.0	-7.6	-8.1	-7.5	-8.1	-5.8	-9.3	-9.2	-8.4	NA	-9.8	-11.0	-9.3	-8.9	-10.8	-8.8	-4.4	-4.3	-4.0	-5.2	-4.7	-6.5	-5.2	-6.2	13
14	-3.7	-3.5	-3.1	-3.1	-4.5	-3.3	-4.5	-3.1	-3.1	-3.3	-3.3	-3.6	-2.8	-1.9	-3.3	-3.5	-4.7	-3.8	-3.2	-3.9	-4.7	-2.9	-4.5	-4.7	-6.6	-4.9	-6.6	-6.4	-7.1	NA	-4.7	-4.0	-2.2	NA	-5.6	-4.0	-4.8	-3.5	-6.2	-6.7	-1.9	-2.8	-3.0	-1.1	-2.4	-3.4	-2.8	-3.9	14
15	0.5	-0.2	0.3	-0.7	-1.8	-1.5	-1.2	0.3	-0.2	1.6	-0.2	-0.1	0.6	0.7	-0.5	-0.7	-1.7	-0.5	-0.6	-0.7	-1.5	-0.4	-1.9	-2.6	-3.3	-2.1	-3.9	-3.4	-3.3	NA	-1.6	-1.6	1.7	NA	-3.2	0.8	0.6	0.1	-2.2	-0.5	2.4	-0.1	-0.6	1.1	1.9	0.4	1.1	1.0	15
16	0.5	-0.3	0.0	-0.2	0.0	0.5	-0.5	0.3	-0.4	0.4	-0.1	0.7	0.4	0.8	0.0	-0.8	0.1	-0.5	0.8	-0.8	-1.2	-0.7	-2.2	-2.0	-3.4	-2.2	-3.7	-3.7	-3.5	NA	-1.1	-0.3	2.1	NA	-1.4	3.3	3.0	1.9	-0.9	0.6	3.9	0.5	2.4	2.7	4.5	5.1	4.3	2.4	16
17	0.6	0.3	0.5	-0.1	-1.3	0.0	-1.4	-1.5	-2.1	-0.8	-1.3	0.3	0.3	0.5	-0.3	-0.3	-1.4	0.2	-1.2	-2.4	-1.9	-1.5	-0.3	0.1	1.1	-1.5	1.2	1.0	0.4	NA	-2.0	-1.7	0.1	NA	-1.7	-1.9	-0.2	-0.7	-1.8	-0.8	3.5	3.4	5.3	2.9	1.4	0.9	0.5	-0.4	17
18	1.2	1.6	2.0	1.2	-1.9	-0.3	-0.6	-0.6	-0.4	-0.5	0.4	0.8	1.4	0.6	1.0	0.8	-1.0	1.1	-1.6	-0.3	1.3	0.8	3.0	3.2	1.7	2.3	1.9	1.2	2.7	3.6	-0.4	-0.2	0.3	NA	0.3	-3.5	-0.5	-0.6	0.2	0.6	1.4	3.9	2.2	1.0	1.6	1.8	1.1	1.3	18
19	1.1	0.3	1.1	-0.3	1.0	0.6	1.2	0.5	0.7	-0.1	0.6	0.4	1.2	1.3	0.6	0.4	-0.1	0.2	-0.9	-0.1	-0.1	-0.2	-1.8	-2.1	-2.4	-1.0	-2.6	-1.6	-0.7	-1.4	0.1	1.5	3.4	NA	0.2	-0.3	0.8	0.6	0.2	0.4	1.8	1.4	0.1	0.8	1.7	1.5	2.1	2.9	19
20	-0.8	-2.9	-2.2	-3.5	-1.5	-1.4	-1.5	-2.2	-2.2	-1.3	-1.8	-1.2	-1.2	-2.7	-1.9	-3.4	-2.2	-2.3	-2.6	-3.8	-5.0	-3.6	-5.7	-5.8	-5.7	-5.1	-5.7	-5.7	-5.5	-4.1	-4.2	-2.4	-1.9	NA	-3.3	-2.8	-1.6	-1.5	-4.1	-3.5	0.6	-3.3	-2.5	-2.1	1.1	1.0	0.1	0.1	20
21	-2.6	-3.5	-3.5	-3.9	-3.4	-2.6	-2.7	-4.0	-5.1	-3.6	-3.8	-4.2	-3.3	-5.8	-3.5	-5.0	-3.9	-3.5	-4.5	-5.9	-3.4	-5.5	-1.5	-0.8	-0.2	-2.6	1.5	2.0	1.2	1.3	-2.9	-3.0	-4.5	NA	-2.9	-6.7	-2.5	-2.6	-1.7	-1.4	-1.8	-0.4	0.6	-3.6	-1.8	-0.6	-0.1	0.2	21
22	-2.0	-1.1	-1.6	-0.4	-3.4	-1.5	-2.3	-3.3	-4.4	-3.2	-3.1	-2.9	-2.0	-4.3	-2.3	-3.0	-2.2	-2.4	-3.6	-2.9	0.5	-2.2	3.6	4.2	4.8	2.9	5.4	5.2	4.8	5.7	-0.7	-1.4	-3.3	NA	0.3	-5.8	-1.8	-1.7	0.7	1.6	0.2	4.9	4.7	-2.7	0.3	0.7	0.3	0.5	22
23	0.5	1.9	0.5	1.2	-2.1	-0.2	-0.6	0.1	-1.1	0.1	-0.3	0.5	1.1	1.6	0.8	3.6	0.0	1.6	-0.9	2.6	4.7	1.5	5.1	5.4	5.8	5.1	5.2	4.9	4.9	7.0	3.5	2.2	2.9	NA	3.0	-1.1	-0.6	-0.9	2.8	2.8	3.4	7.7	8.8	3.9	2.8	1.2	0.3	0.7	23
24	5.2	3.8	4.0	2.6	0.5	2.2	2.4	3.1	1.4	3.2	3.3	3.0	5.4	4.2	4.8	5.9	3.7	5.5	1.6	5.4	7.1	4.2	9.2	9.9	8.9	9.0	9.1	8.3	7.6	9.4	6.7	5.9	7.2	NA	5.8	3.2	2.4	2.2	6.0	5.9	10.9	11.0	12.8	8.5	8.0	7.6	3.6	5.5	24
25	4.3	3.0	4.0	2.7	1.3	2.8	2.5	2.8	1.4	3.5	2.9	4.2	4.4	3.9	3.7	4.5	2.3	3.8	2.1	4.5	6.2	3.5	6.3	8.2	7.4	6.4	5.7	5.1	5.8	6.3	6.8	6.8	9.8	NA	4.5	5.3	2.1	2.4	6.6	6.2	11.5	9.5	11.7	7.4	10.9	10.9	7.3	7.6	25
26	2.9	1.6	2.5	1.4	1.4	3.4	2.0	1.3	1.1	1.8	2.5	2.2	3.2	2.8	2.2	0.9	0.9	0.8	1.3	1.2	1.3	1.3	-0.2	1.0	0.1	0.2	-1.1	-1.3	-1.5	-1.2	1.8	2.6	4.5	NA	0.5	3.8	3.9	2.7	2.5	2.9	6.1	3.2	4.3	3.9	7.2	8.1	8.3	8.8	26
27	0.6	1.2	0.5	0.7	-0.7	1.2	1.4	-0.4	-0.3	0.2	0.6	-0.3	0.9	0.6	1.2	0.1	0.2	0.2	-1.0	-1.1	-0.7	0.2	0.4	0.9	0.9	0.1	0.2	-1.1	-2.7	1.2	-1.1	-0.4	-0.4	NA	-0.7	-1.3	0.1	-0.2	-0.9	-0.6	5.2	1.8	4.5	3.2	4.8	4.5	3.8	3.9	27
28	2.8	3.5	1.7	2.4	0.1	1.7	1.6	0.8	-0.4	1.0	1.1	1.3	1.5	1.9	2.2	3.3	0.8	2.6	0.3	1.7	2.3	0.8	3.2	4.1	4.5	3.3	3.8	3.3	1.5	5.8	2.6	2.0	2.6	NA	1.1	-0.8	0.4	0.6	1.7	2.0	3.6	5.4	7.7	5.5	3.4	1.9	1.2	0.7	28
29	5.5	5.7	3.4	5.0	1.9	3.8	5.0	3.3	3.1	3.3	3.7	4.1	4.5	3.9	5.2	5.7	4.1	4.9	1.5	4.2	7.3	5.4	10.0	8.0	11.2	7.1	11.1	10.4	9.4	12.3	6.6	5.2	6.3	NA	5.4	2.2	2.9	3.1	6.7	6.9	10.5	11.4	14.0	8.6	12.1	8.3	3.0	4.0	29
Mitt.	-3.7	-4.5	-4.6	NA	-4.4	-4.2	-4.2	-4.8	-4.8	-4.2	-4.4	-4.2	-4.0	-4.6	-4.4	-4.9	-5.0	-4.3	-4.2	-5.5	-4.8	-5.0	-4.4	-3.5	-3.6	-5.1	-3.8	-3.4	-3.5	NA	-4.8	-4.3	-3.1	NA	-5.3	-5.2	-3.2	-3.3	-4.5	-3.3	-0.6	-1.4	-0.5	-1.7	-0.7	-1.0	-1.3	-1.8	Mitt.



L’anno 2011

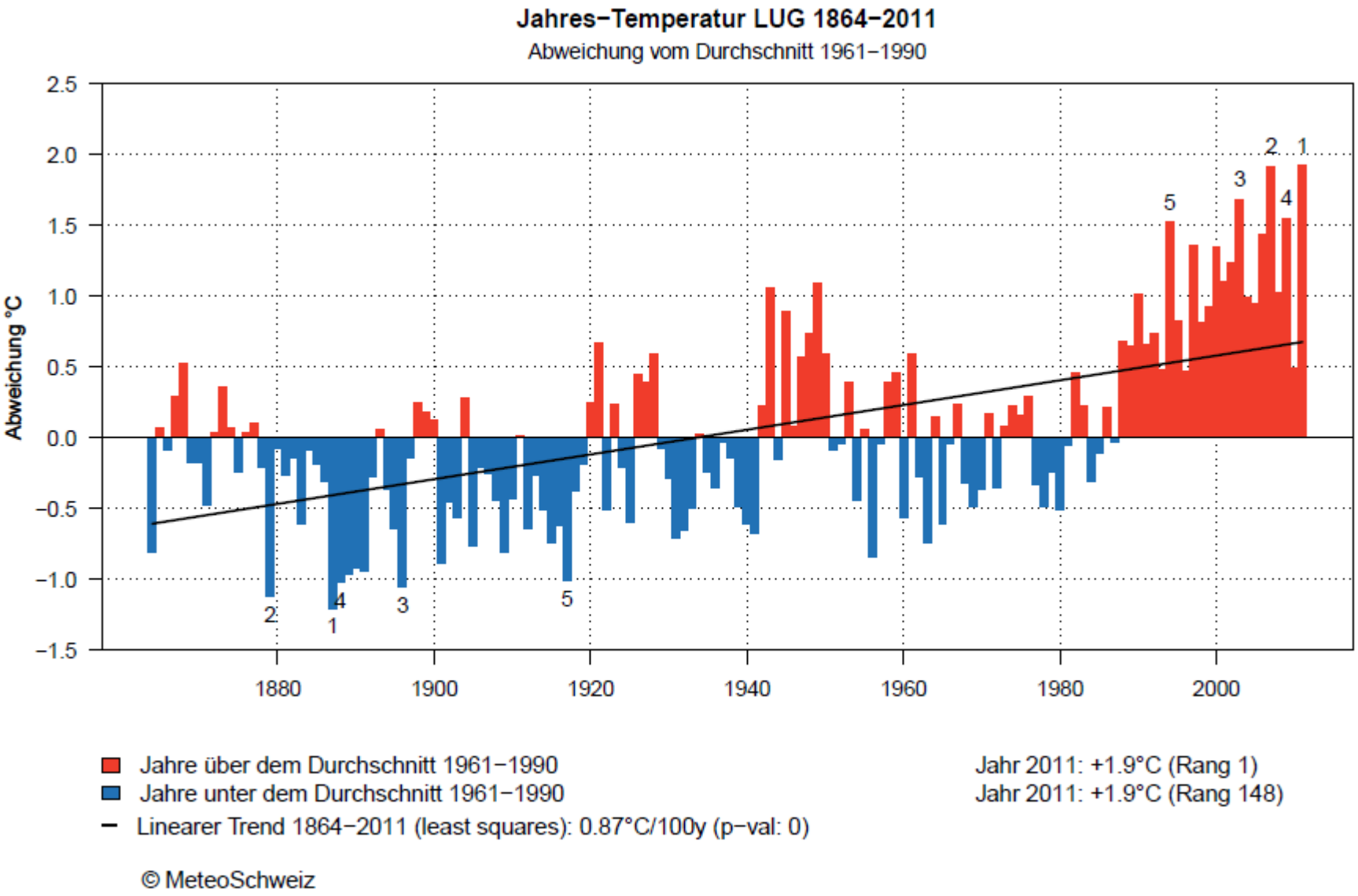

Yearly Temperature Anomaly (degC) 2011 (Ref. 1961–1990)
2.5
2
1.6
1.3
1
0.8
0.6
0.4
0.2
−0.2
−0.4
−0.6
−0.8
−1
−1.3
−1.6
−2
−2.5
© MeteoSwiss
TanomY v1.2, 2012−03−04 16:46

L’anno 2011

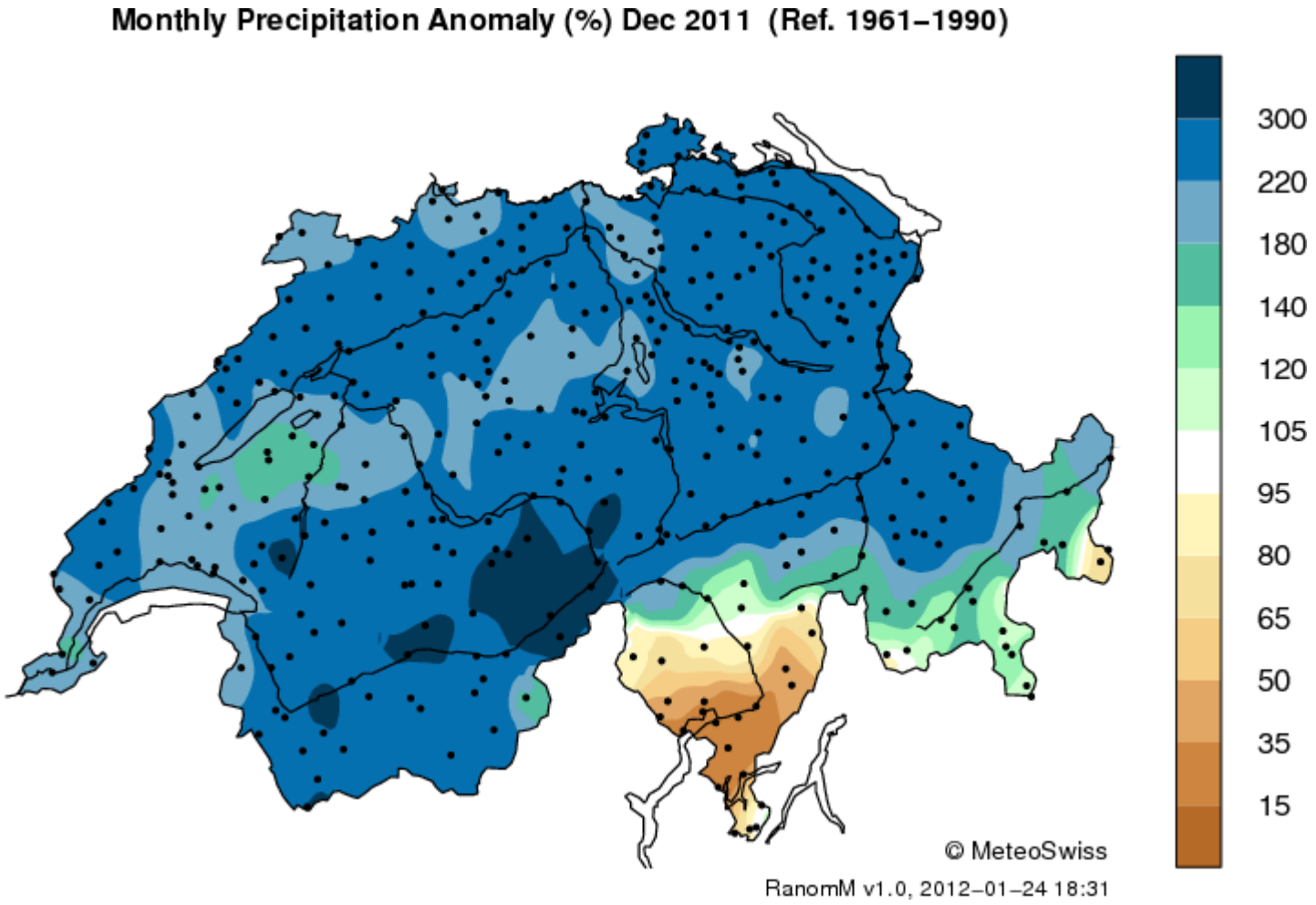

Temperature Anomalies Jan-Dec 2011
(with respect to a 1961-1990 base period)
National Climatic Data Center/NESDIS/NOAA
-5C
-4C
-3C
-2C
-1C
0C
1C
2C
3C
4C
5C
Degrees Celsius

January–December	Anomaly		Rank (out of 132 years)	Records		
	°C	°F		Year(s)	°C	°F
Global						
Land	+0.83 ± 0.18	+1.49 ± 0.32	8th Warmest	Warmest: 2007	+1.05	+1.89
			125th Coolest	Coolest: 1907	-0.56	-1.01
Ocean	+0.40 ± 0.03	+0.72 ± 0.05	11th Warmest	Warmest: 2003	+0.52	+0.94
			122nd Coolest	Coolest: 1909	-0.45	-0.81
	Ties: 2007					
Land and Ocean	+0.51 ± 0.08	+0.92 ± 0.14	11th Warmest	Warmest: 2005, 2010	+0.64	+1.15
			122nd Coolest	Coolest: -0.42	-0.76	0.06
	Ties: 1997					
Northern Hemisphere						
Land	+0.94 ± 0.24	+1.69 ± 0.43	6th Warmest	Warmest: 2007	+1.19	+2.14
			127th Coolest	Coolest: 1884	-0.65	-1.17
Ocean	+0.39 ± 0.04	+0.70 ± 0.07	13th Warmest	Warmest: 2005	+0.54	+0.97
			120th Coolest	Coolest: -0.46	-0.83	0.05
Land and Ocean	+0.60 ± 0.14	+1.08 ± 0.25	10th Warmest	Warmest: 2010	+0.75	+1.35
			123rd Coolest	Coolest: -0.43	-0.77	0.06
	Ties: 2001					
Southern Hemisphere						
Land	+0.52 ± 0.11	+0.94 ± 0.20	14th Warmest	Warmest: 2005	+0.87	+1.57
			119th Coolest	Coolest: 1917	-0.71	-1.28
	Ties: 1991					
Ocean	+0.41 ± 0.03	+0.74 ± 0.05	11th Warmest	Warmest: 1998	+0.54	+0.97
			122nd Coolest	Coolest: 1911	-0.46	-0.83
Land and Ocean	+0.43 ± 0.06	+0.77 ± 0.11	12th Warmest	Warmest: 1998	+0.58	+1.04
			121st Coolest	Coolest: 1911	-0.47	-0.85

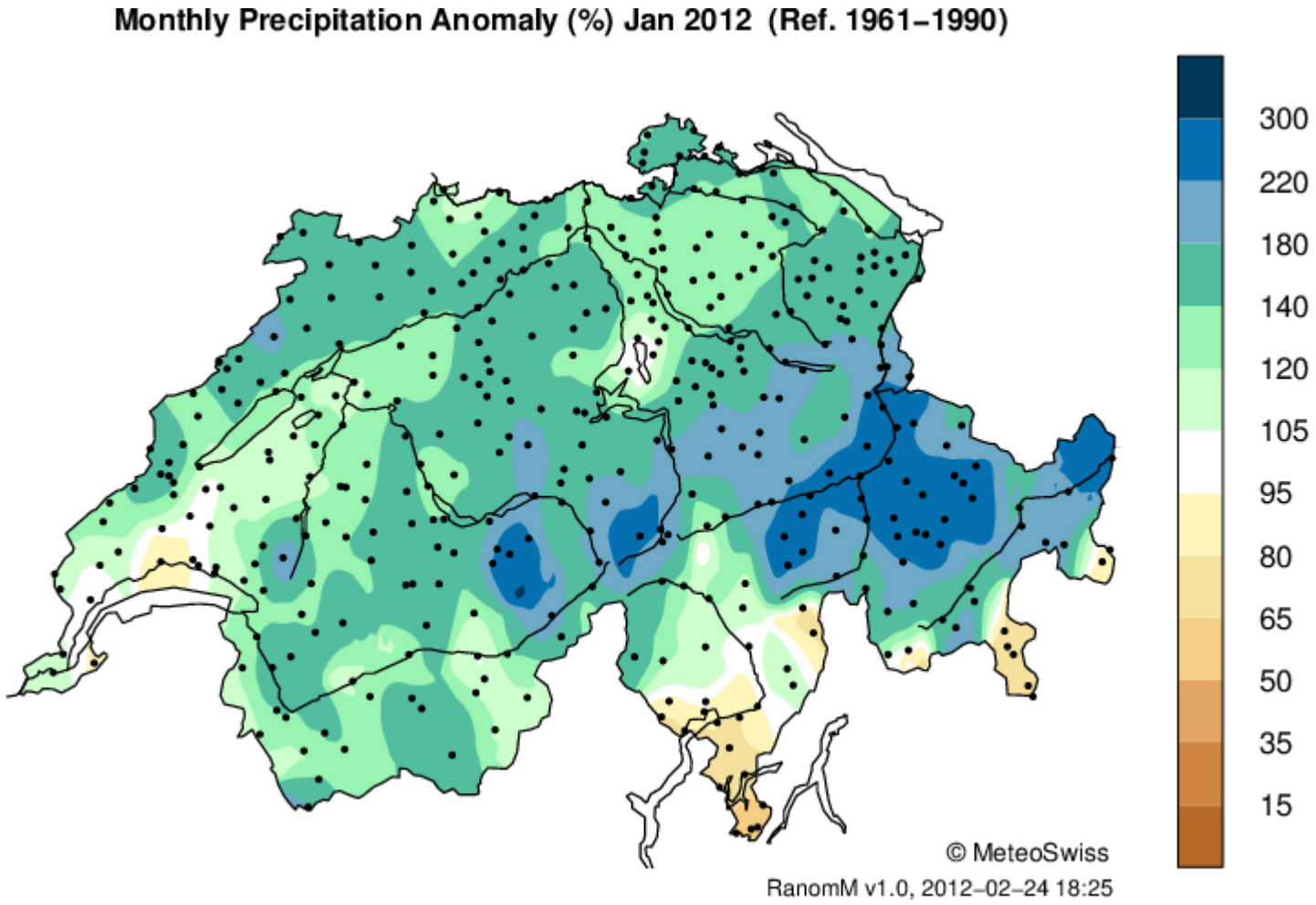
L’anno 2011


Jahres−Temperatur LUG 1864−2011
Abweichung vom Durchschnitt 1961−1990
Abweichung °C
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
1880
1900
1920
1940
1960
1980
2000
2
4
1
3
5
5
3
4
2
1
Jahre über dem Durchschnitt 1961−1990
Jahre unter dem Durchschnitt 1961−1990
Linearer Trend 1864−2011 (least squares): 0.87°C/100y (p−val: 0)
Jahr 2011: +1.9°C (Rang 1)
Jahr 2011: +1.9°C (Rang 148)
© MeteoSchweiz

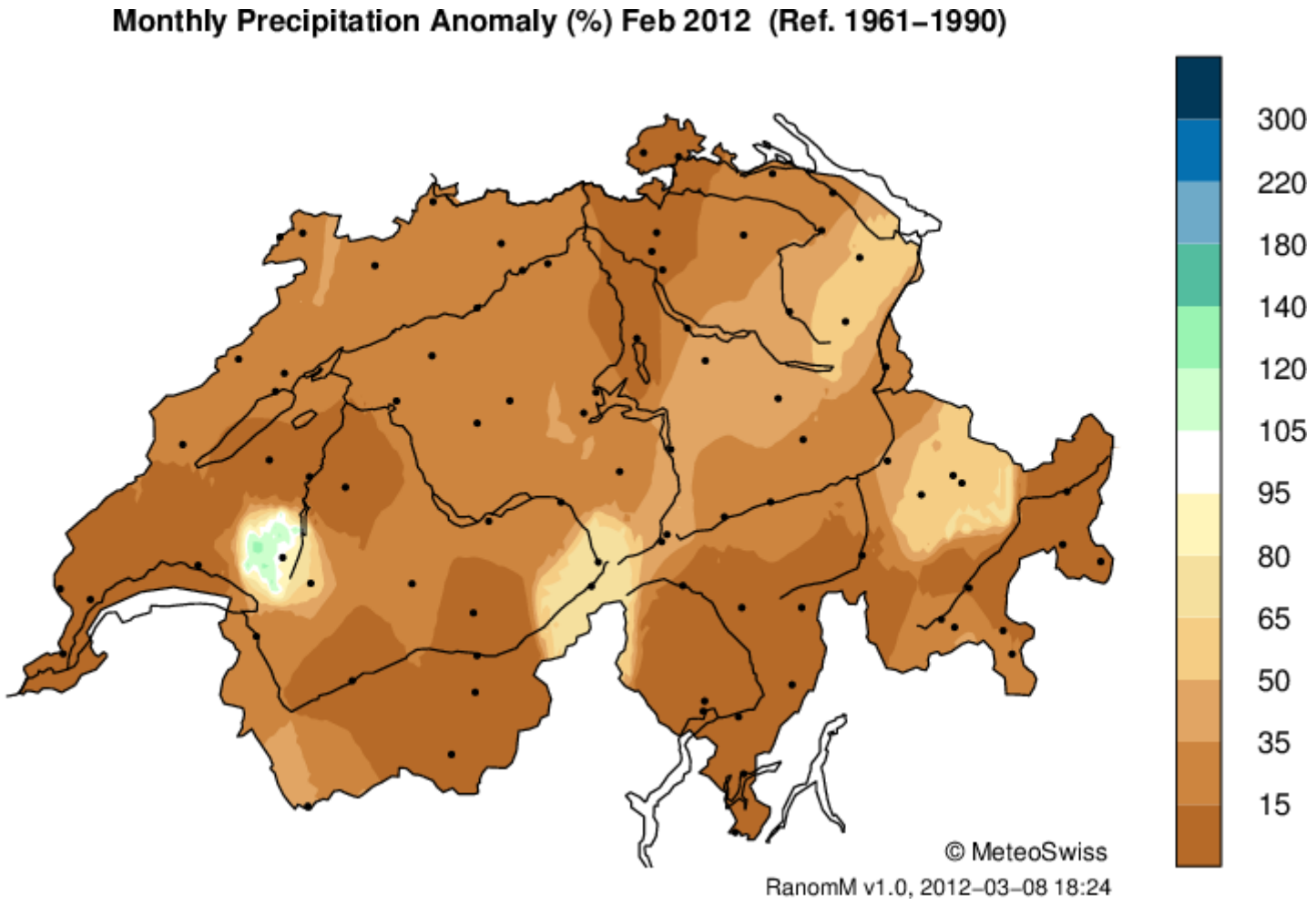
Precipitazioni: dicembre 2011



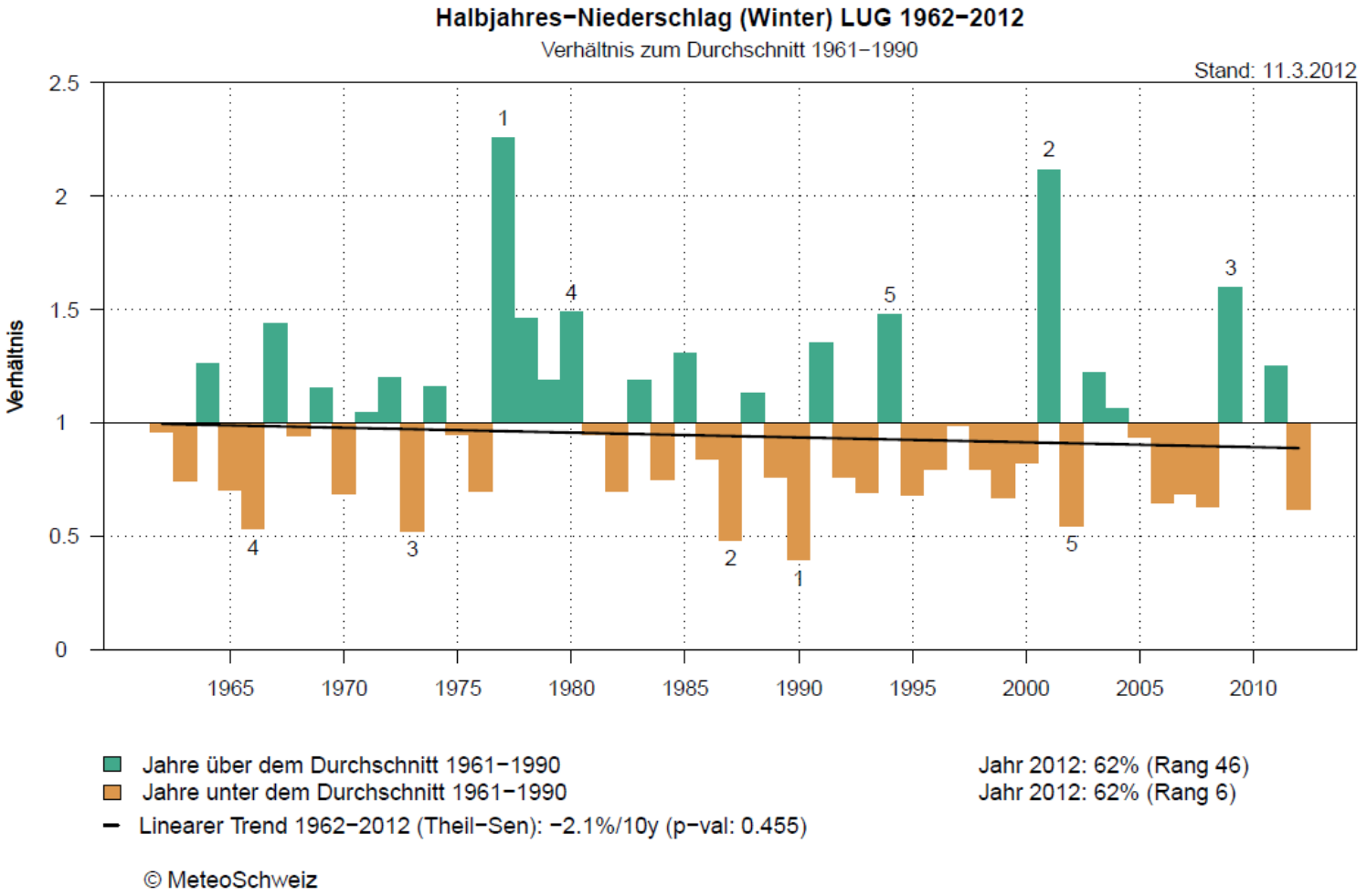
Precipitazioni: gennaio 2012



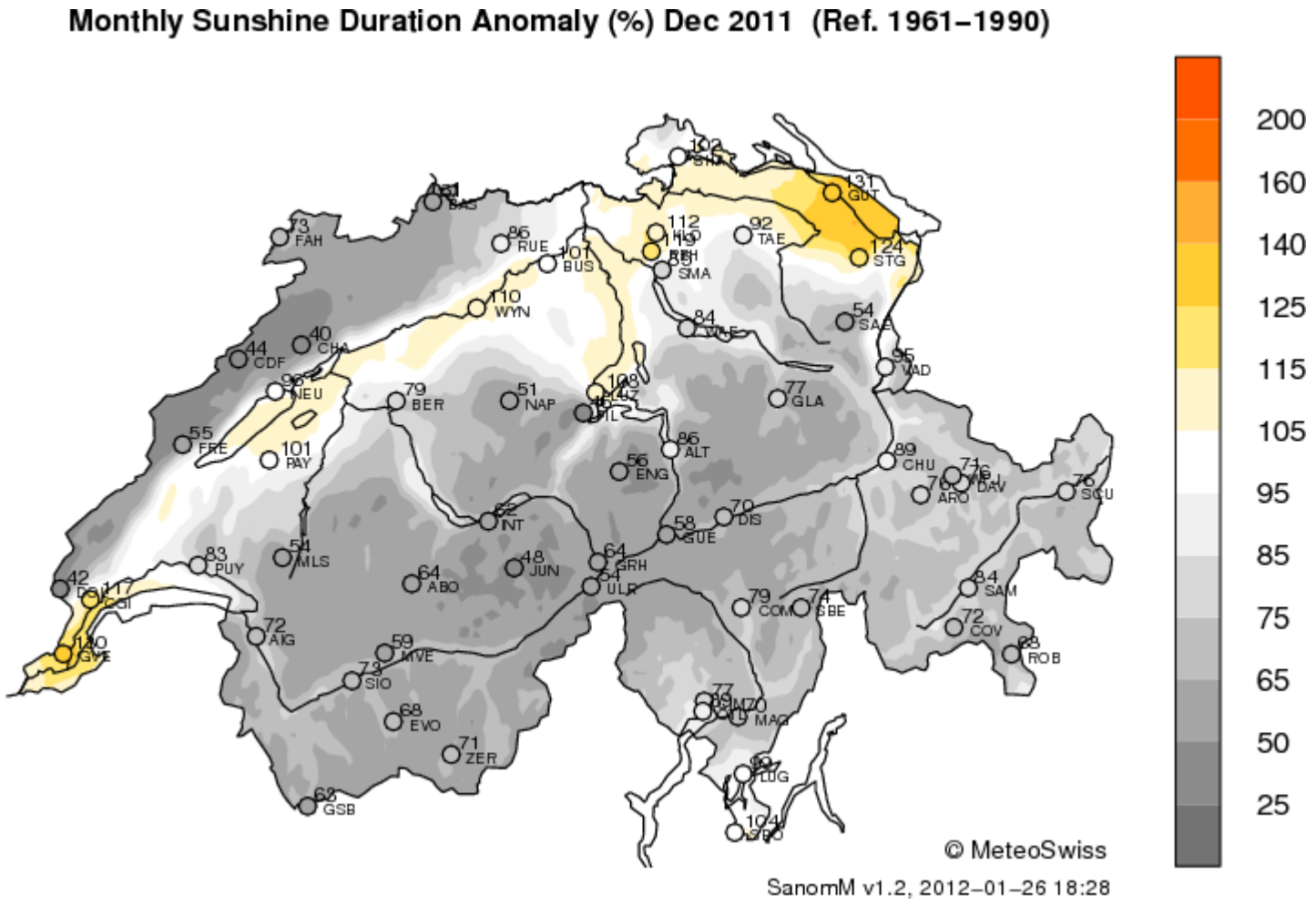
Precipitazioni: febbraio 2012



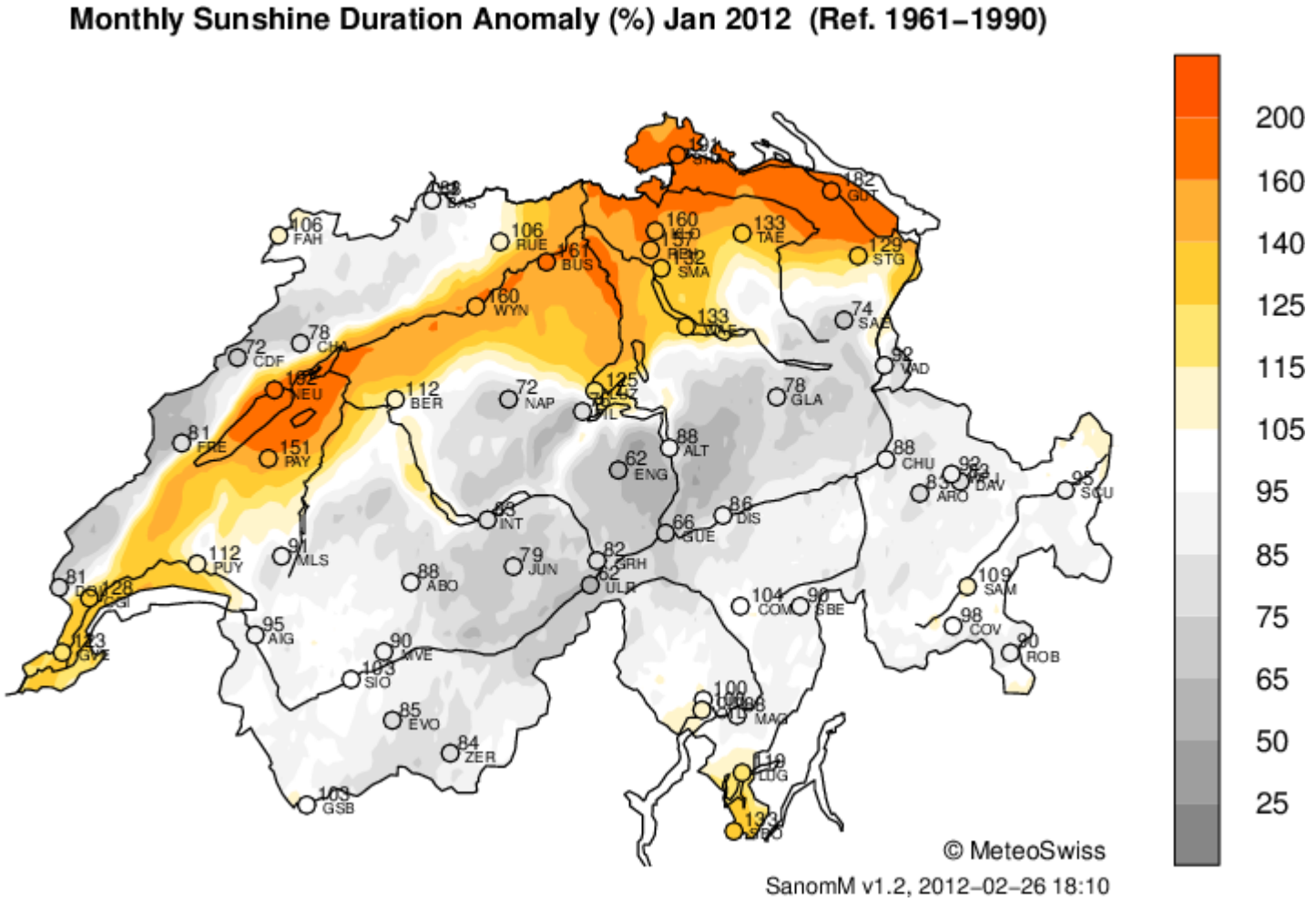
L'inverno 2011-2012 rispetto agli altri



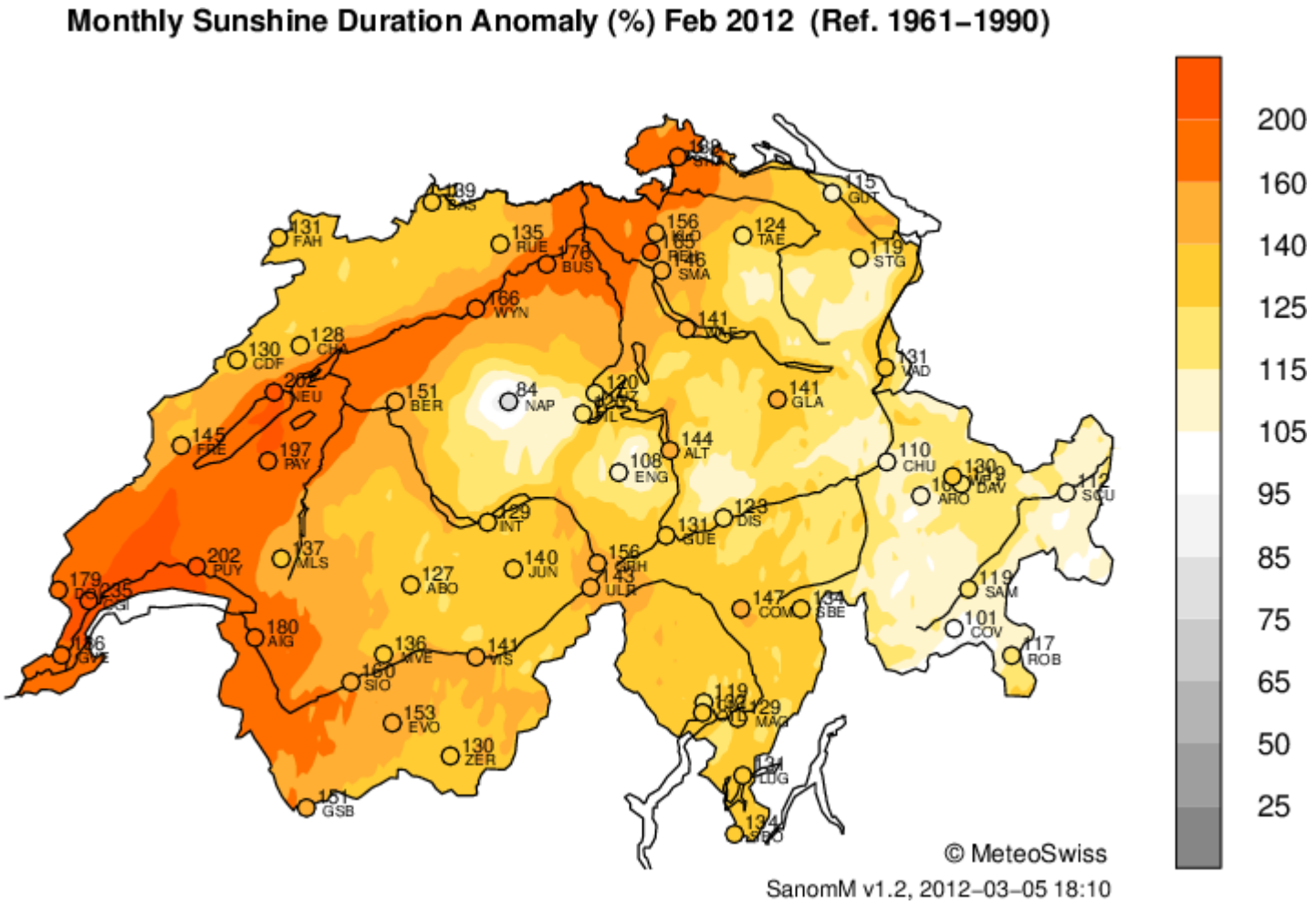
Soleggiamento: anomalia dicembre



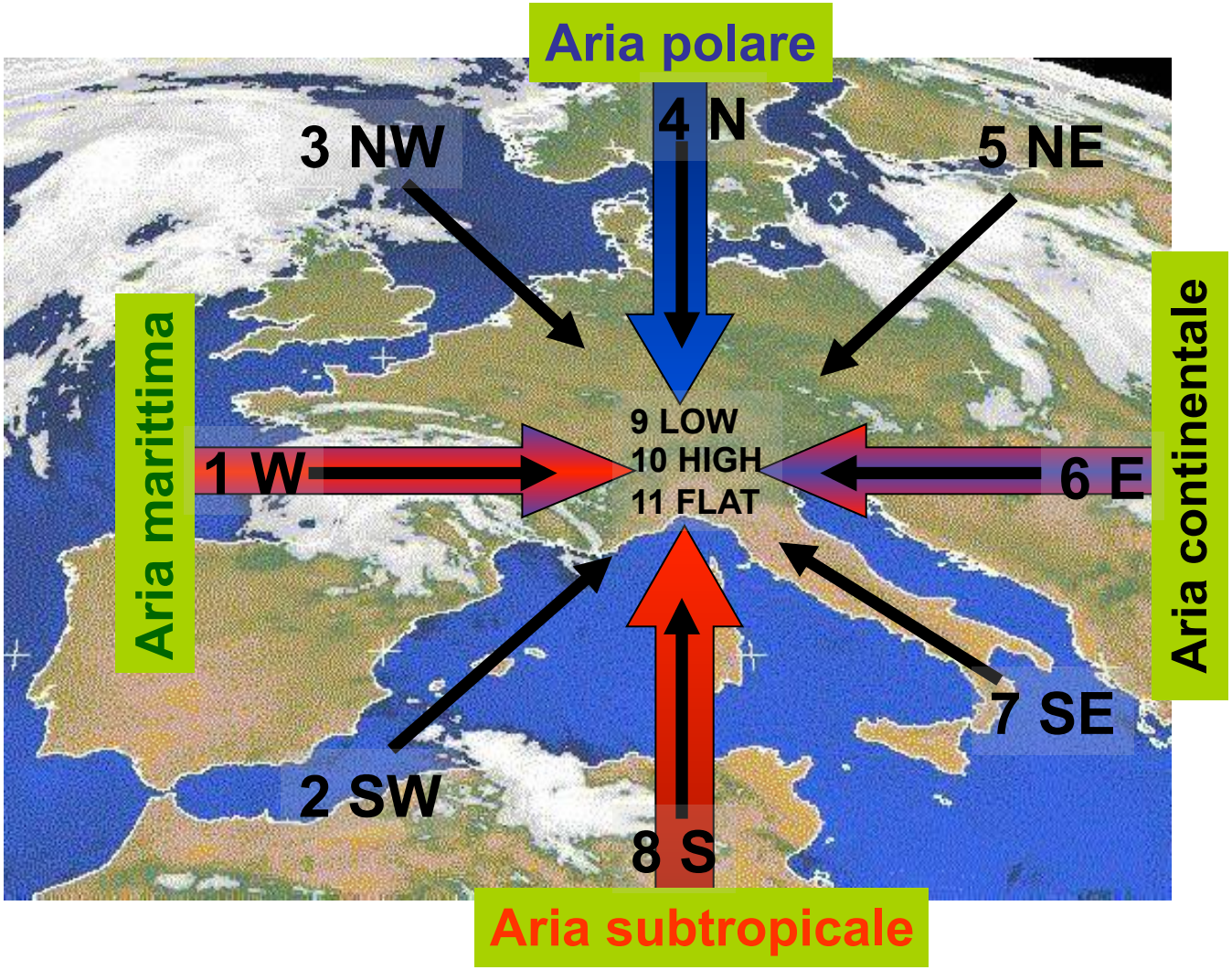
Soleggiamento: anomalia gennaio



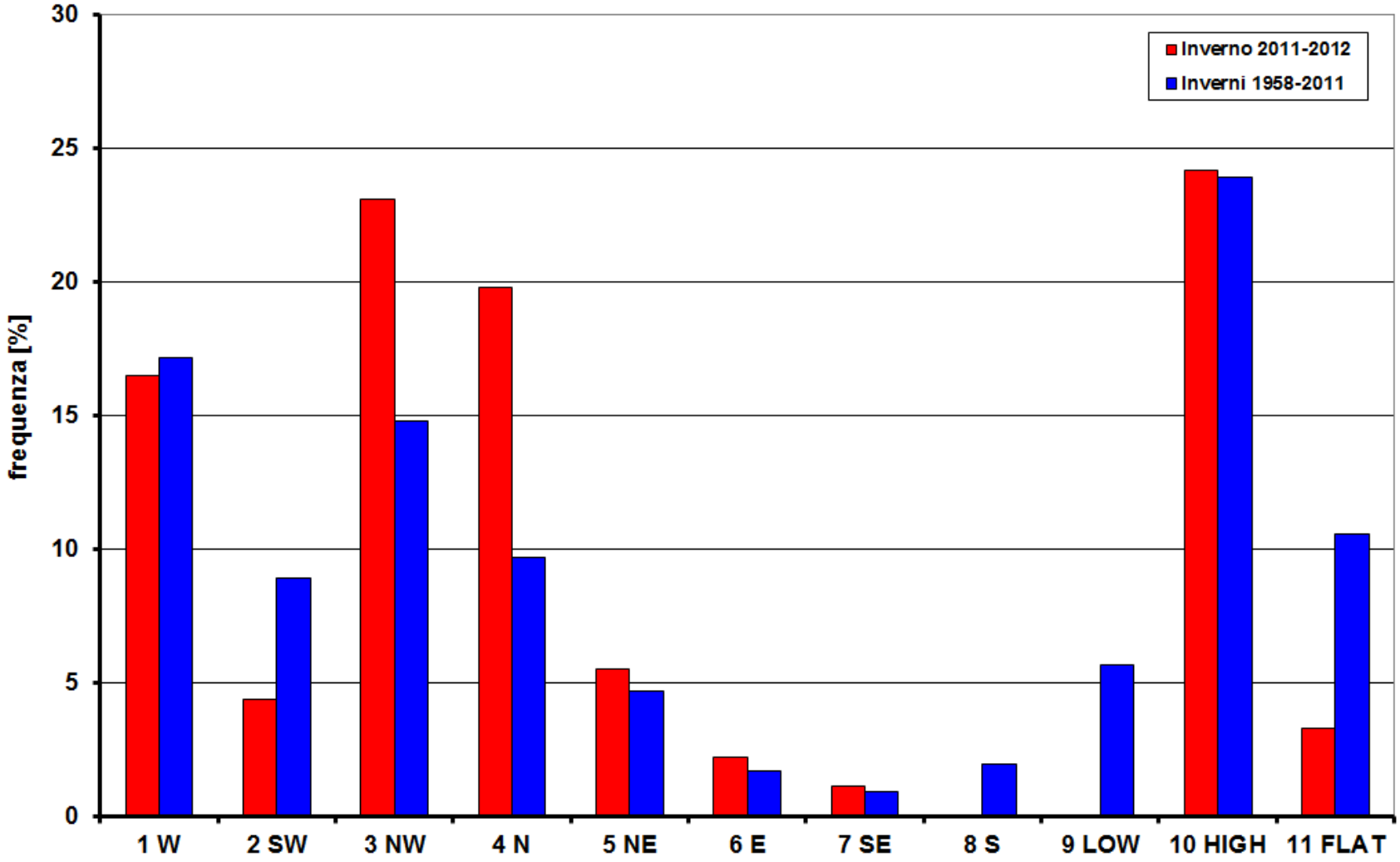
Soleggiamento: anomalia febbraio



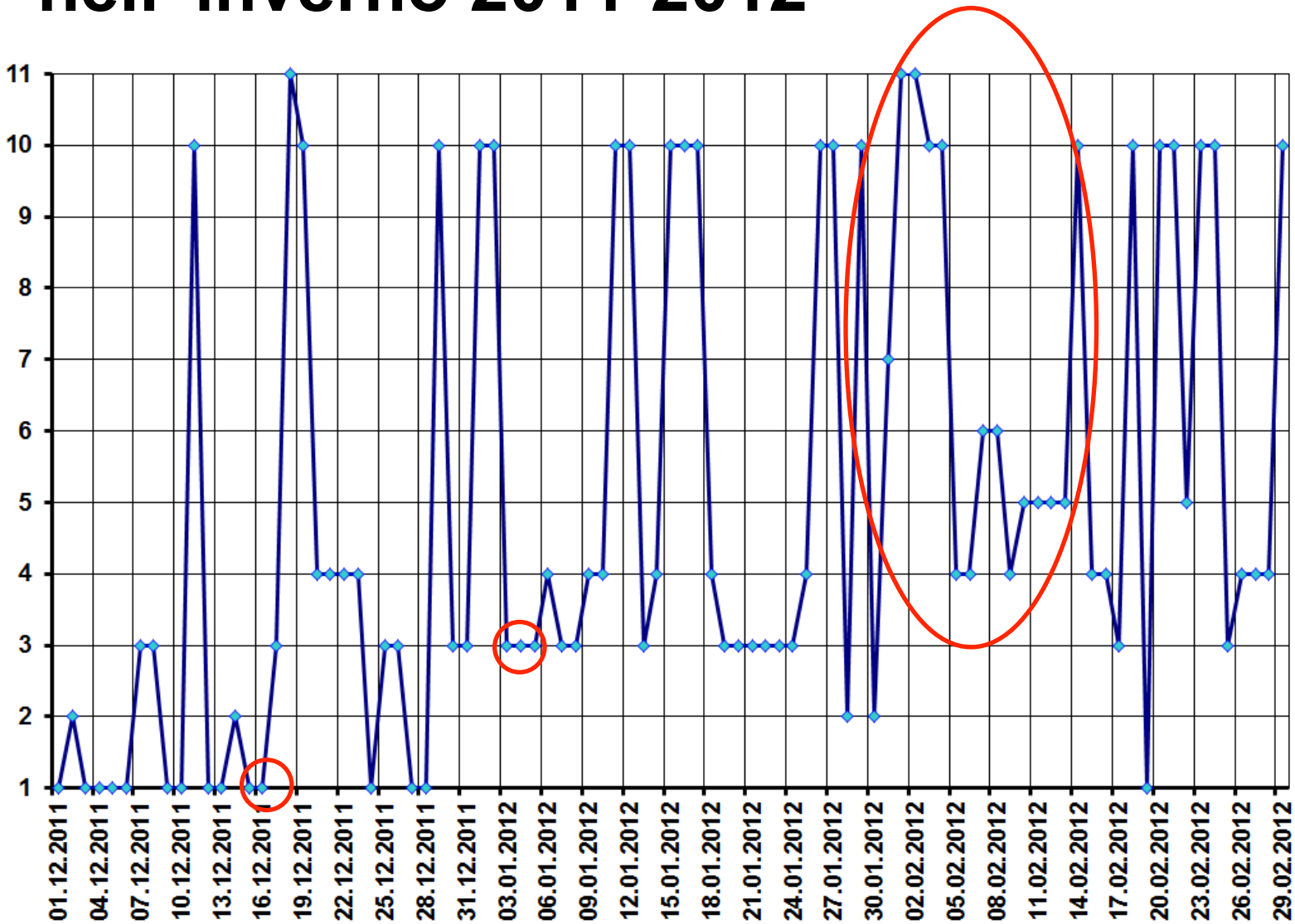
Masse d’aria diverse, tempo diverso, situazioni diverse



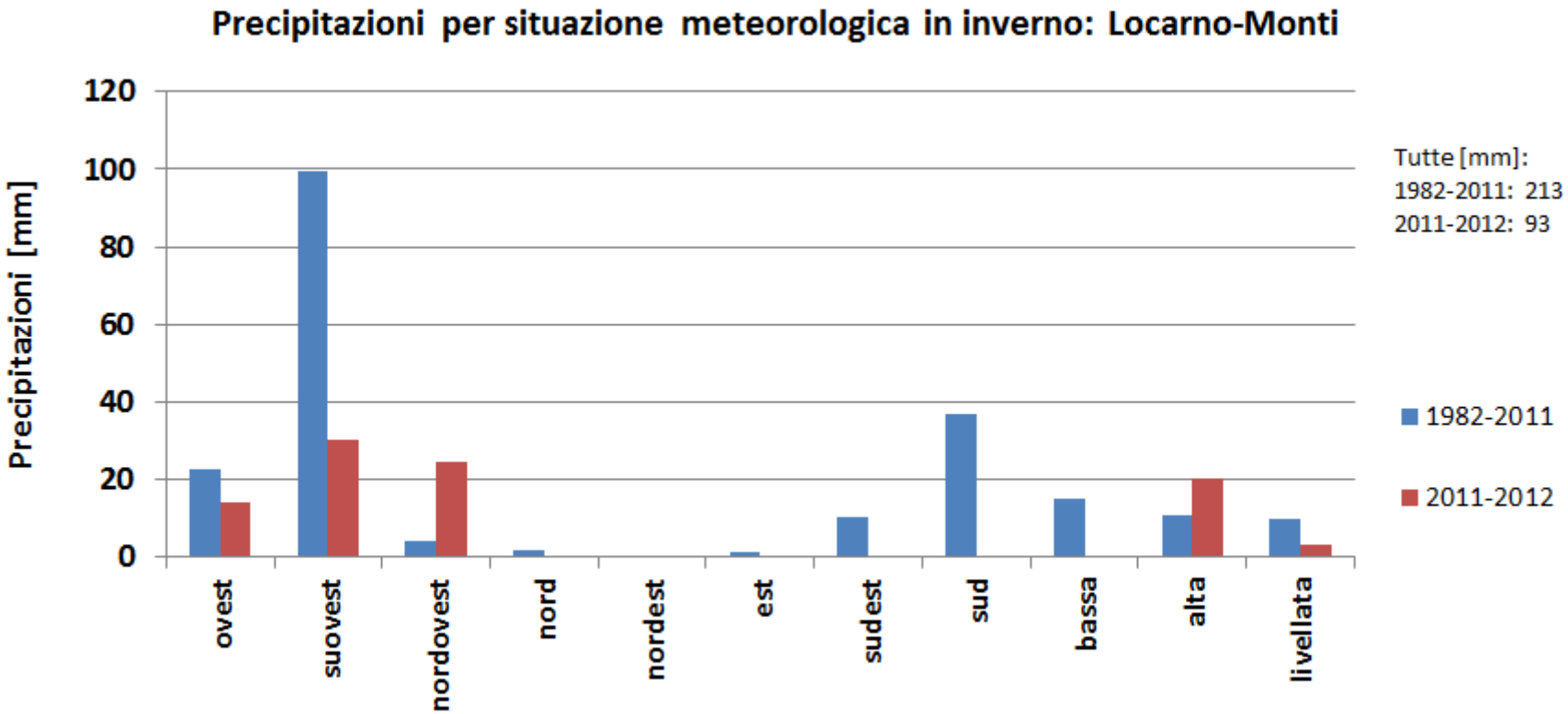
La distribuzione delle situazioni nell'inverno 2011-2012



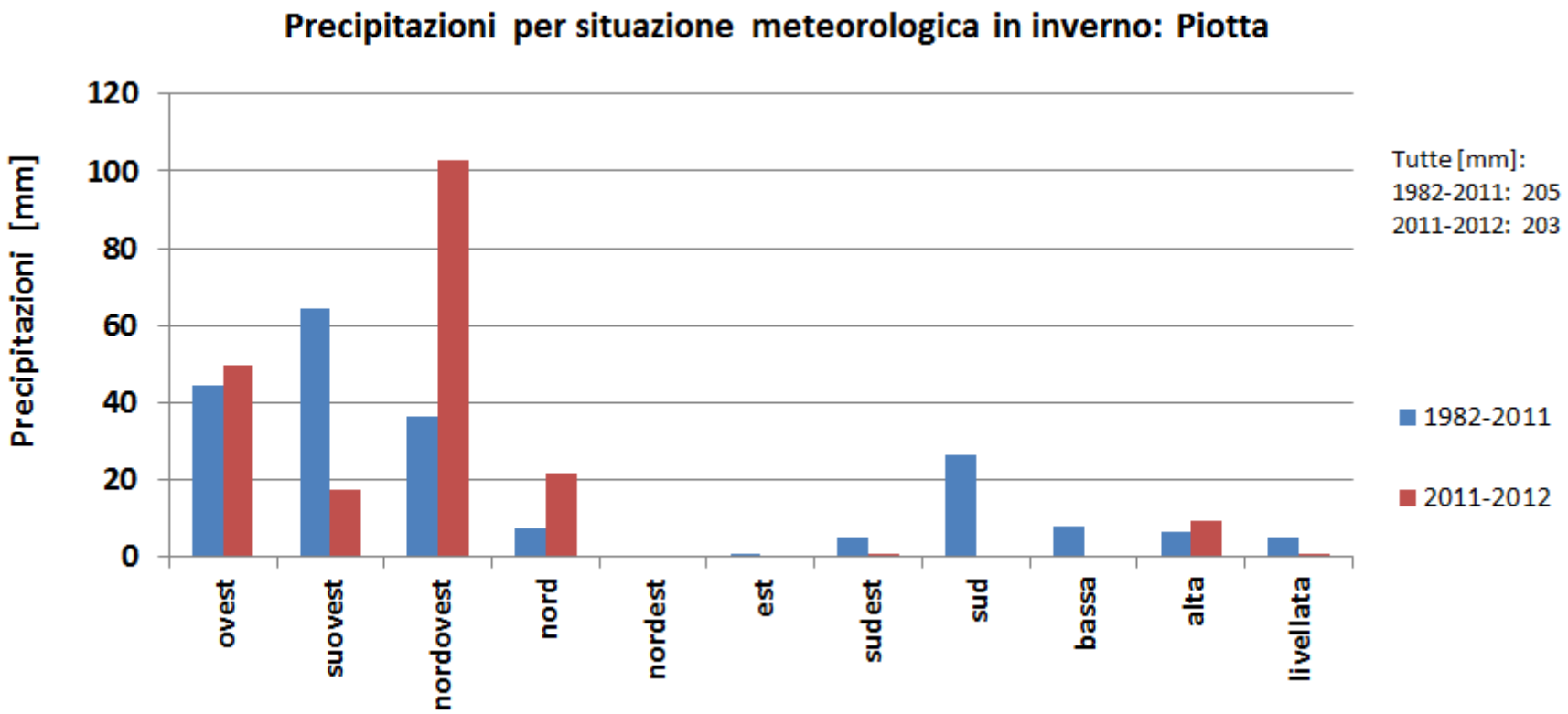
L'evoluzione delle situazioni nell'inverno 2011-2012



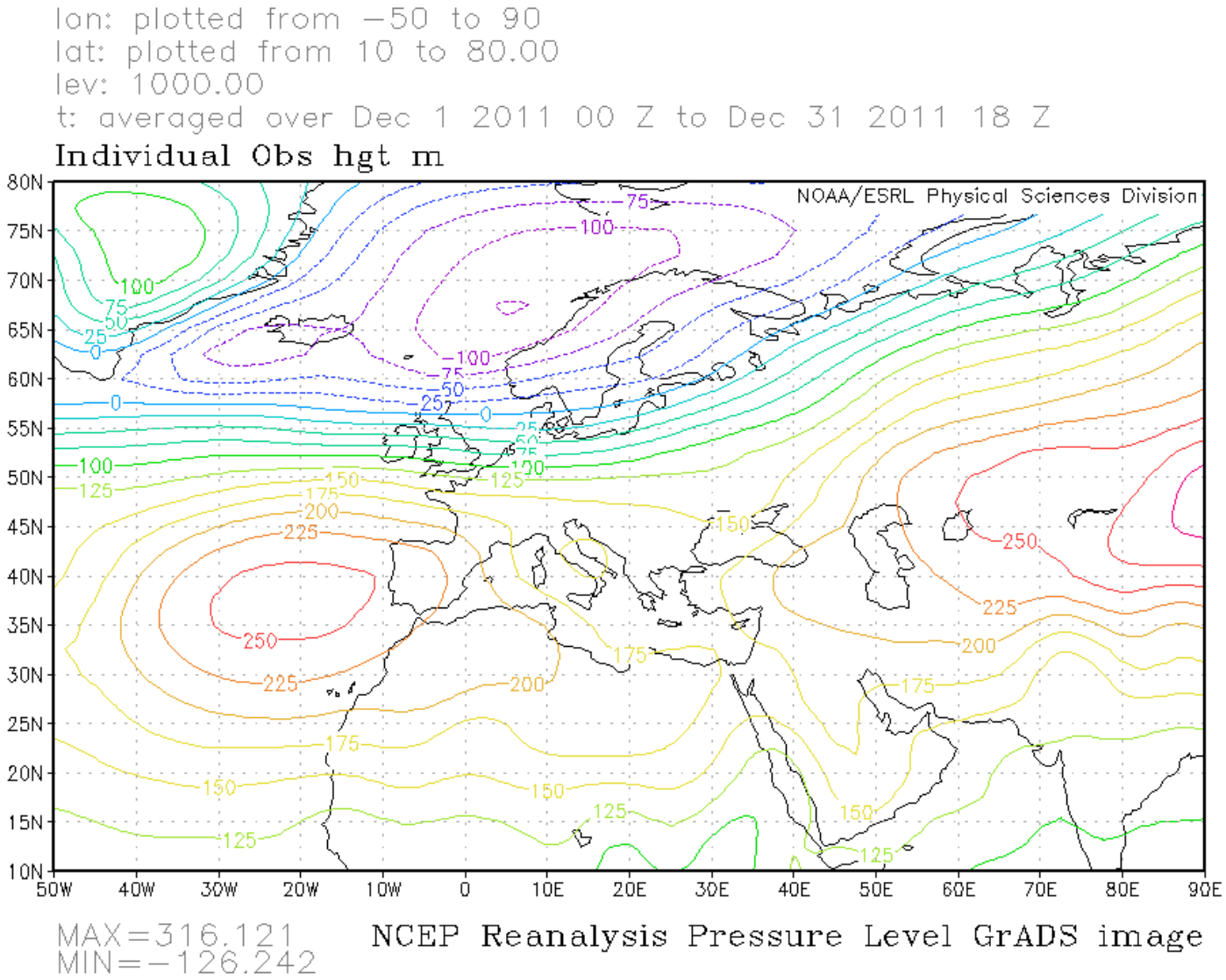
Le precipitazioni per situazione



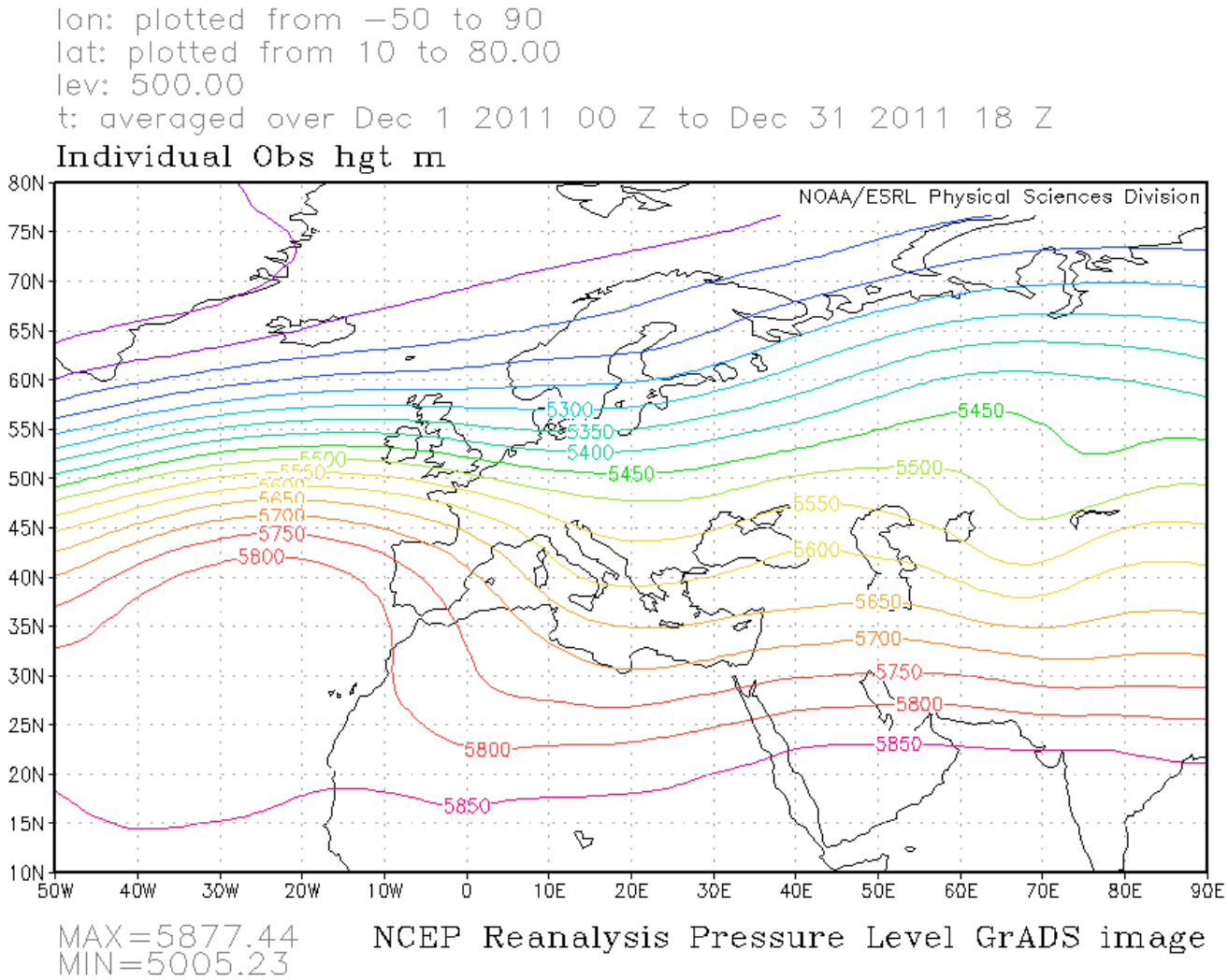
Le precipitazioni per situazione



Pressione al suolo media dicembre

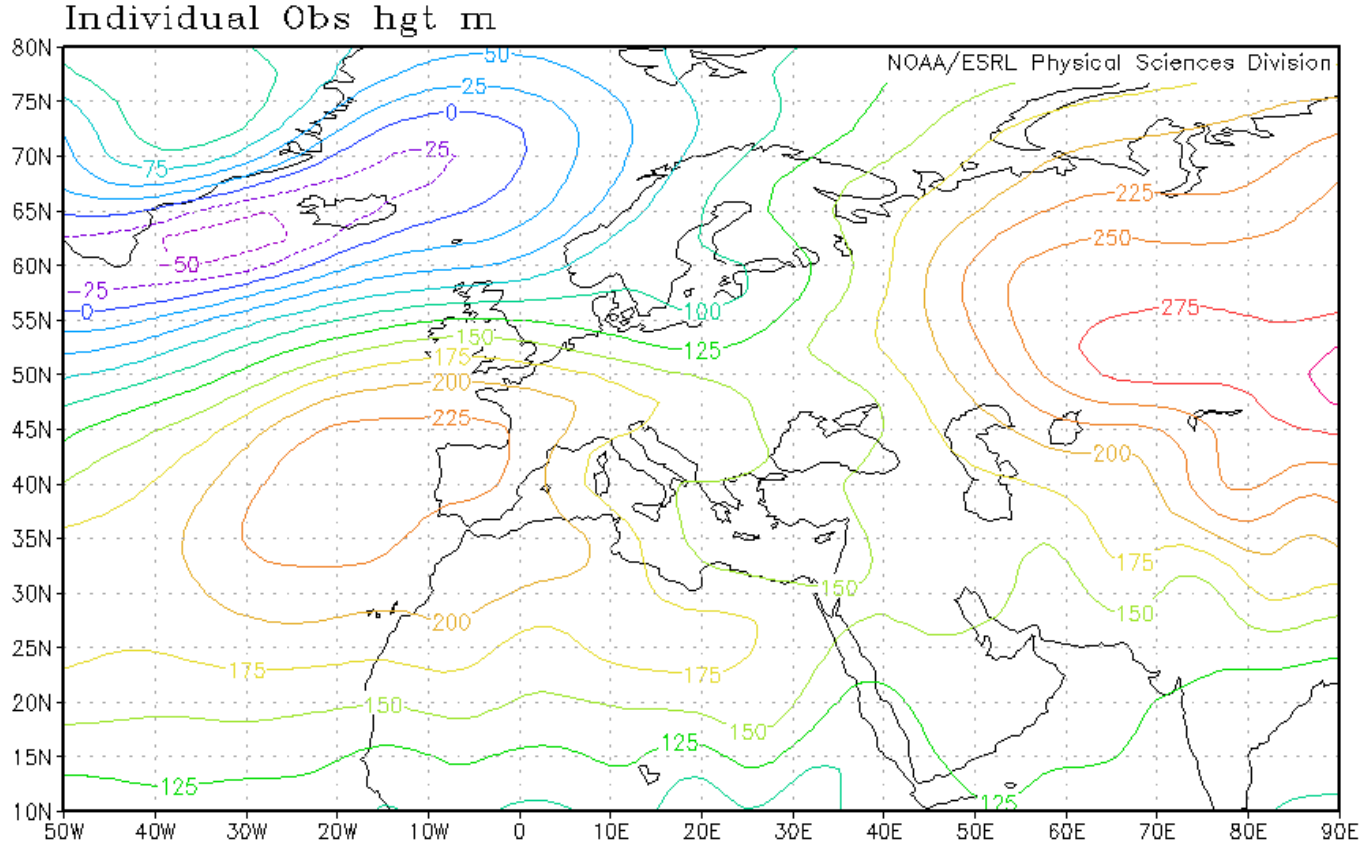


Z@500: dicembre

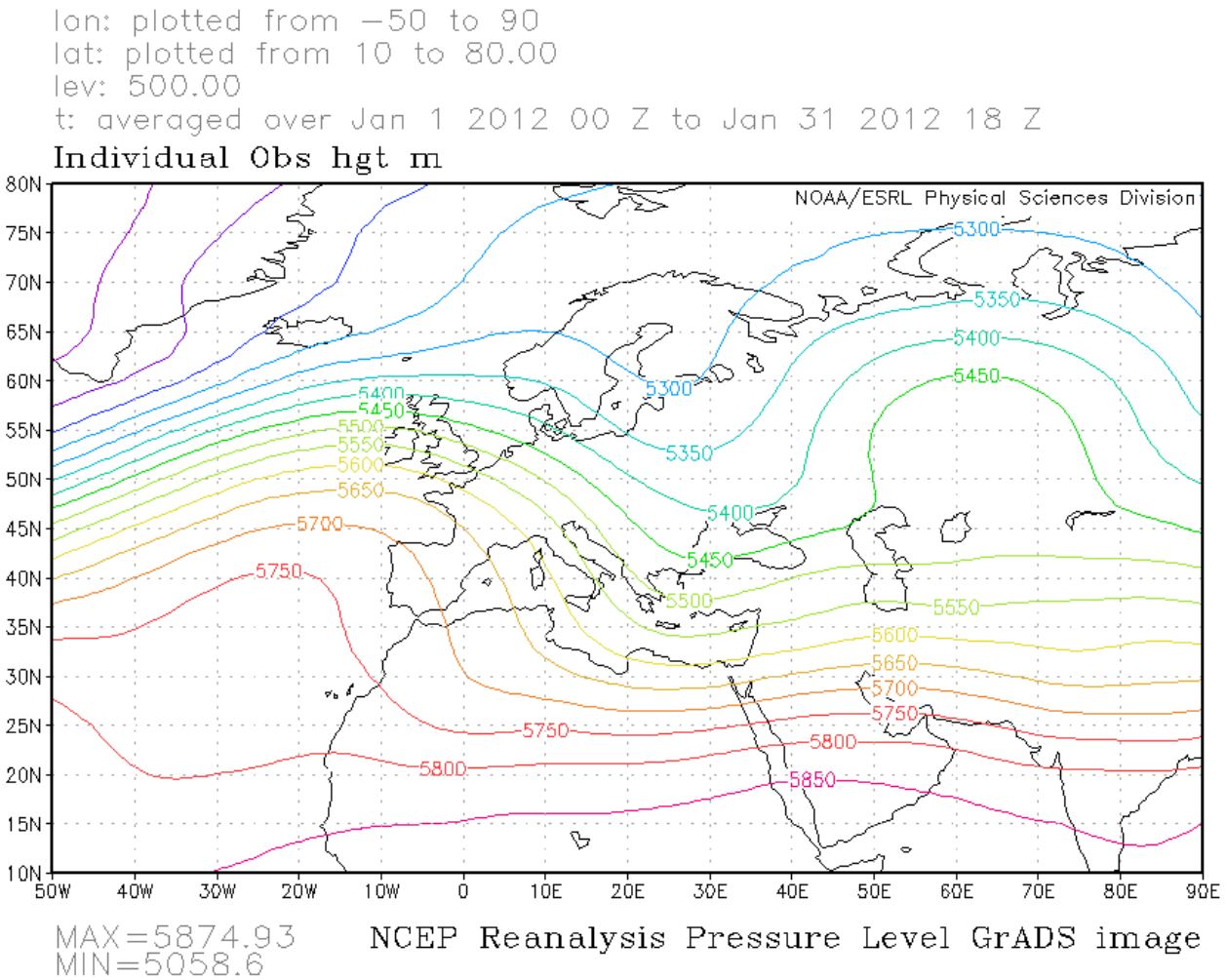


Pressione al suolo media gennaio

lon: plotted from −50 to 90
lat: plotted from 10 to 80.00
lev: 1000.00
t: averaged over Jan 1 2012 00 Z to Jan 31 2012 18 Z

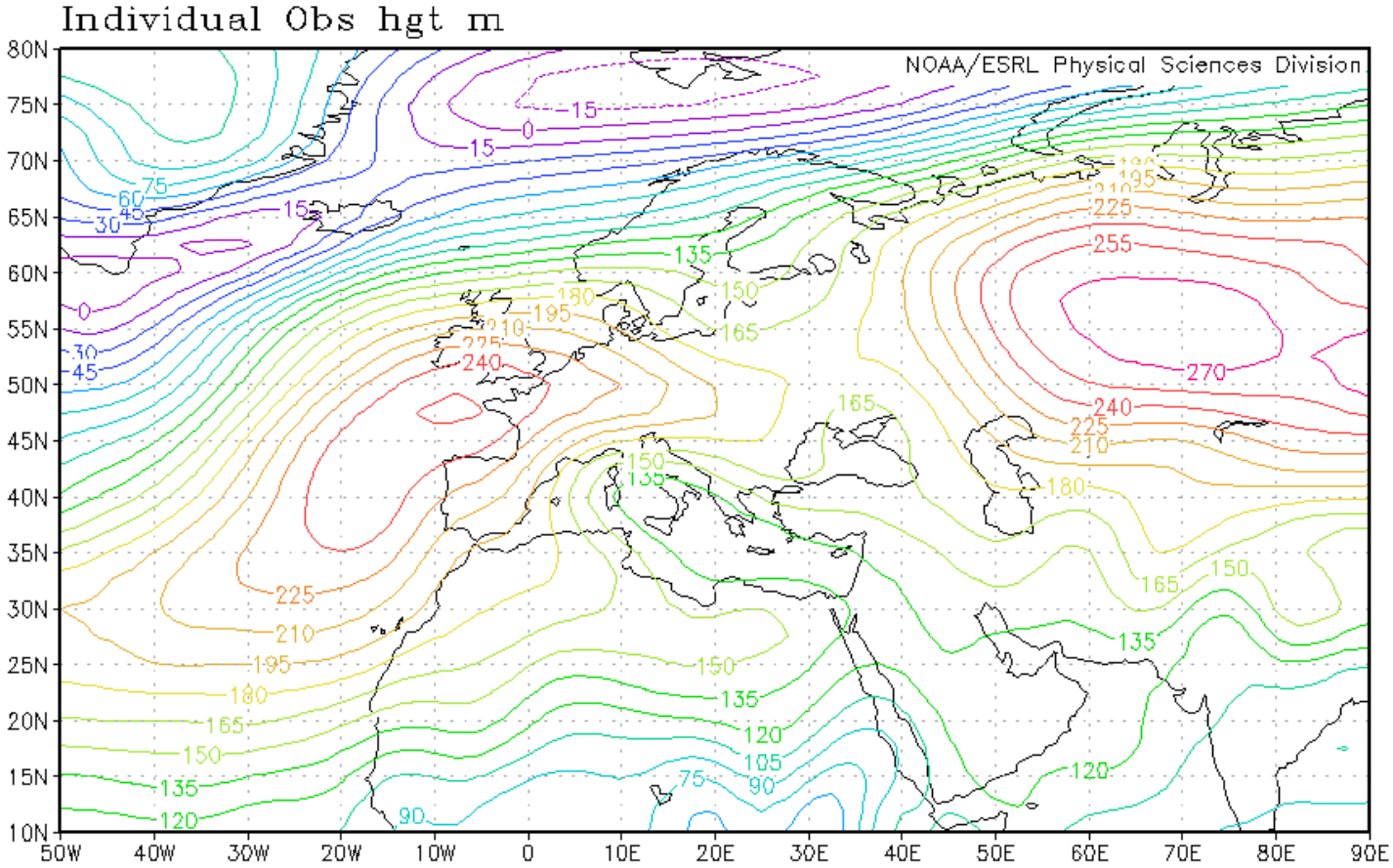


Z@500: gennaio



Pressione al suolo media febbraio

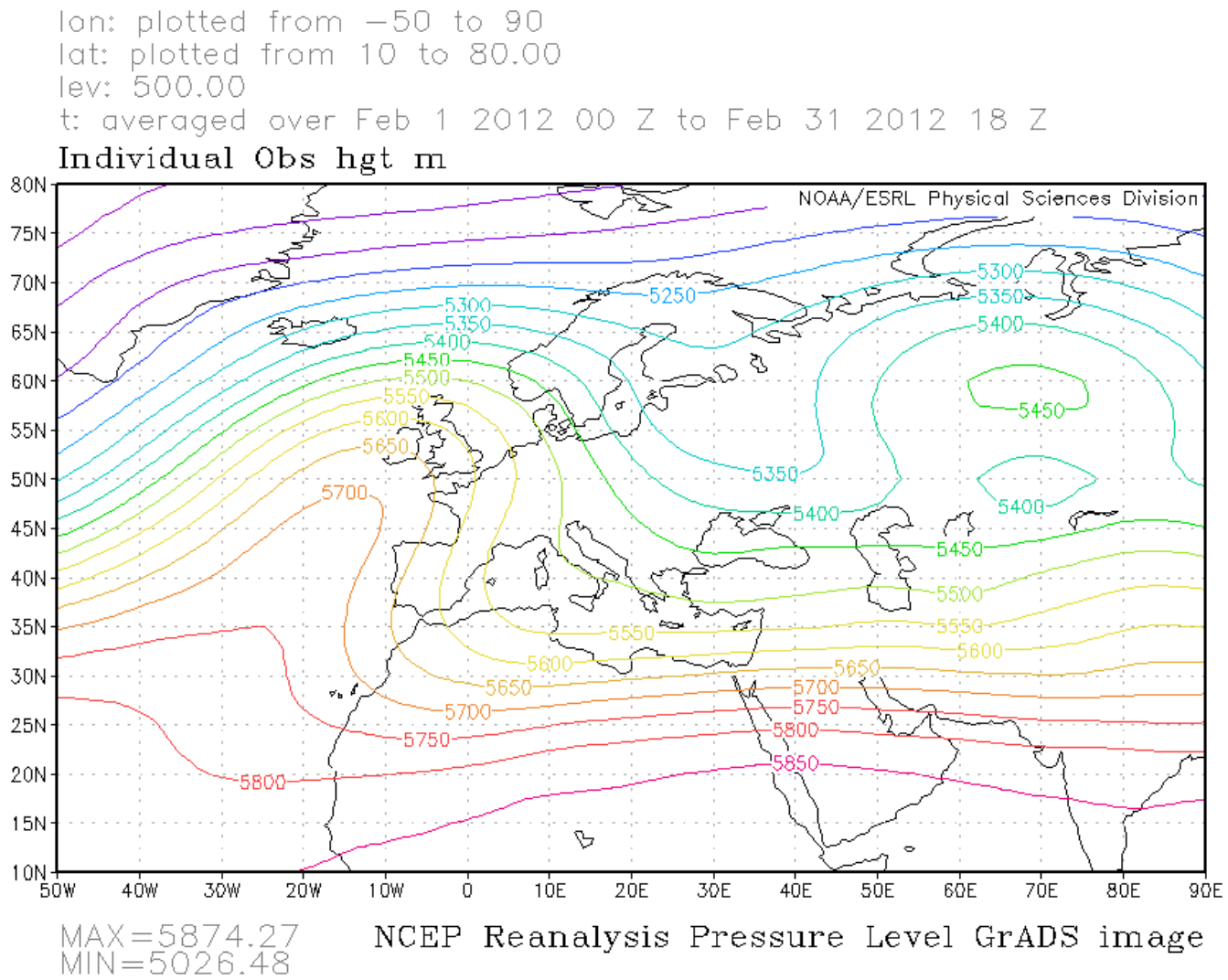
lon: plotted from −50 to 90
lat: plotted from 10 to 80.00
lev: 1000.00
t: averaged over Feb 1 2012 00 Z to Feb 31 2012 18 Z



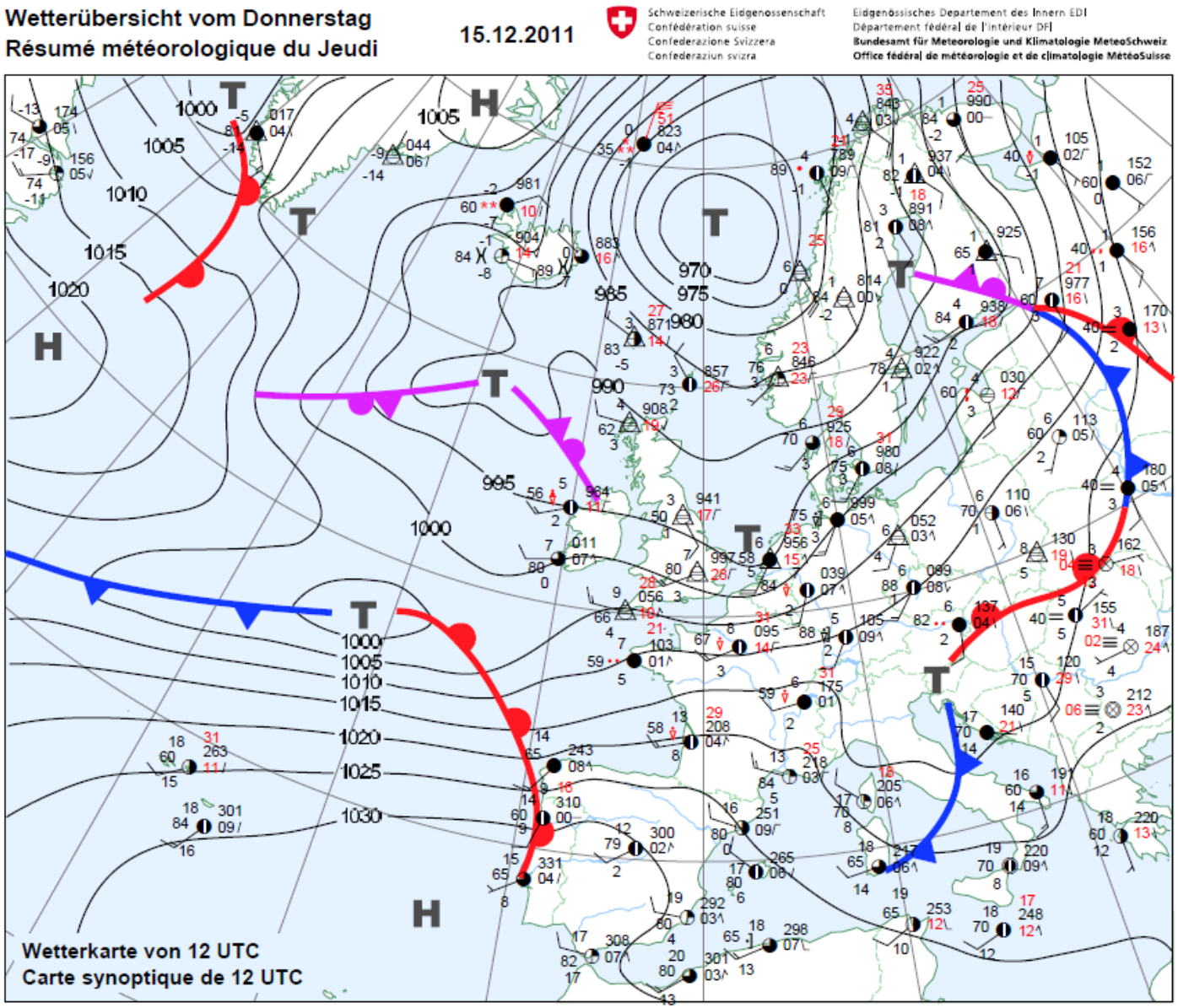
MAX=283.677
MIN=−23.4032

NCEP Reanalysis Pressure Level GrADS image

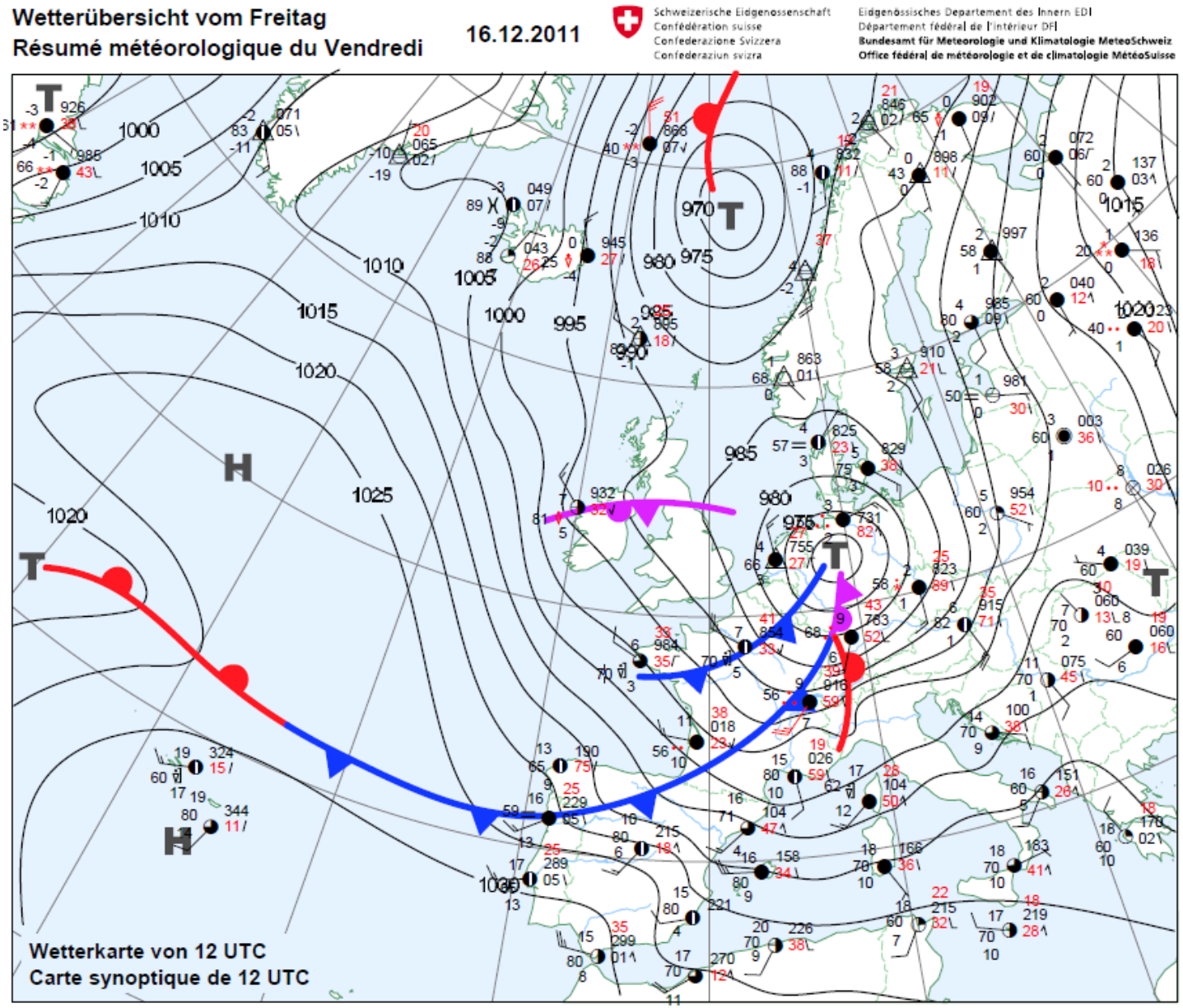
Z@500: febbraio



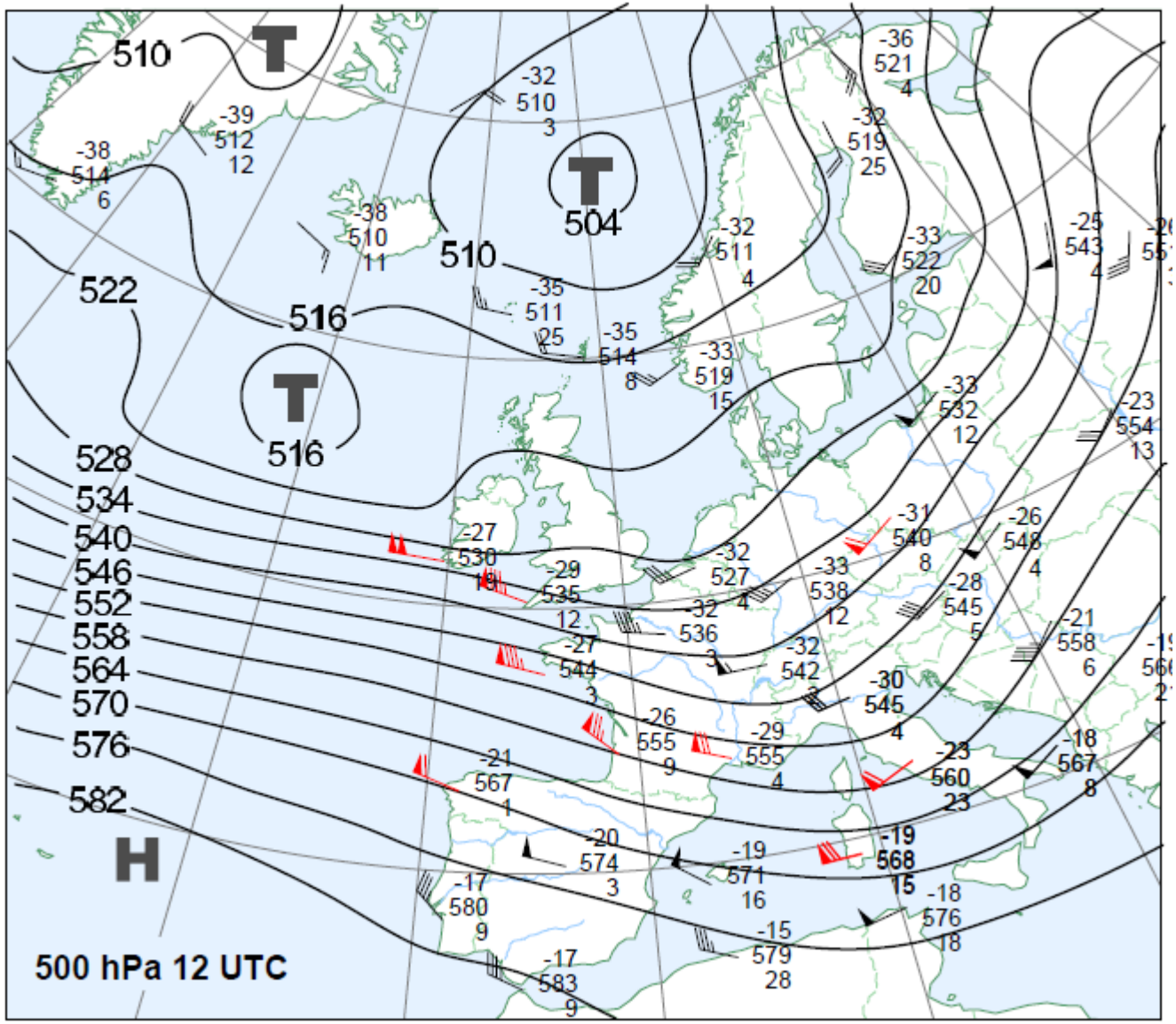
15-16.12.2011


Wetterübersicht vom Donnerstag
Résumé météorologique du Jeudi
15.12.2011
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Eidgenössisches Departement des Innern EDI
Département fédéral de l'intérieur DFI
Bundesamt für Meteorologie und Klimatologie MeteoSchweiz
Office fédéral de météorologie et de climatologie MétéoSuisse
Wetterkarte von 12 UTC
Carte synoptique de 12 UTC

15-16.12.2011


Wetterübersicht vom Freitag
Résumé météorologique du Vendredi
16.12.2011
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Eidgenössisches Departement des Innern EDI
Département fédéral de l'intérieur DFI
Bundesamt für Meteorologie und Klimatologie MeteoSchweiz
Office fédéral de météorologie et de climatologie MétéoSuisse
Wetterkarte von 12 UTC
Carte synoptique de 12 UTC

15-16.12.2011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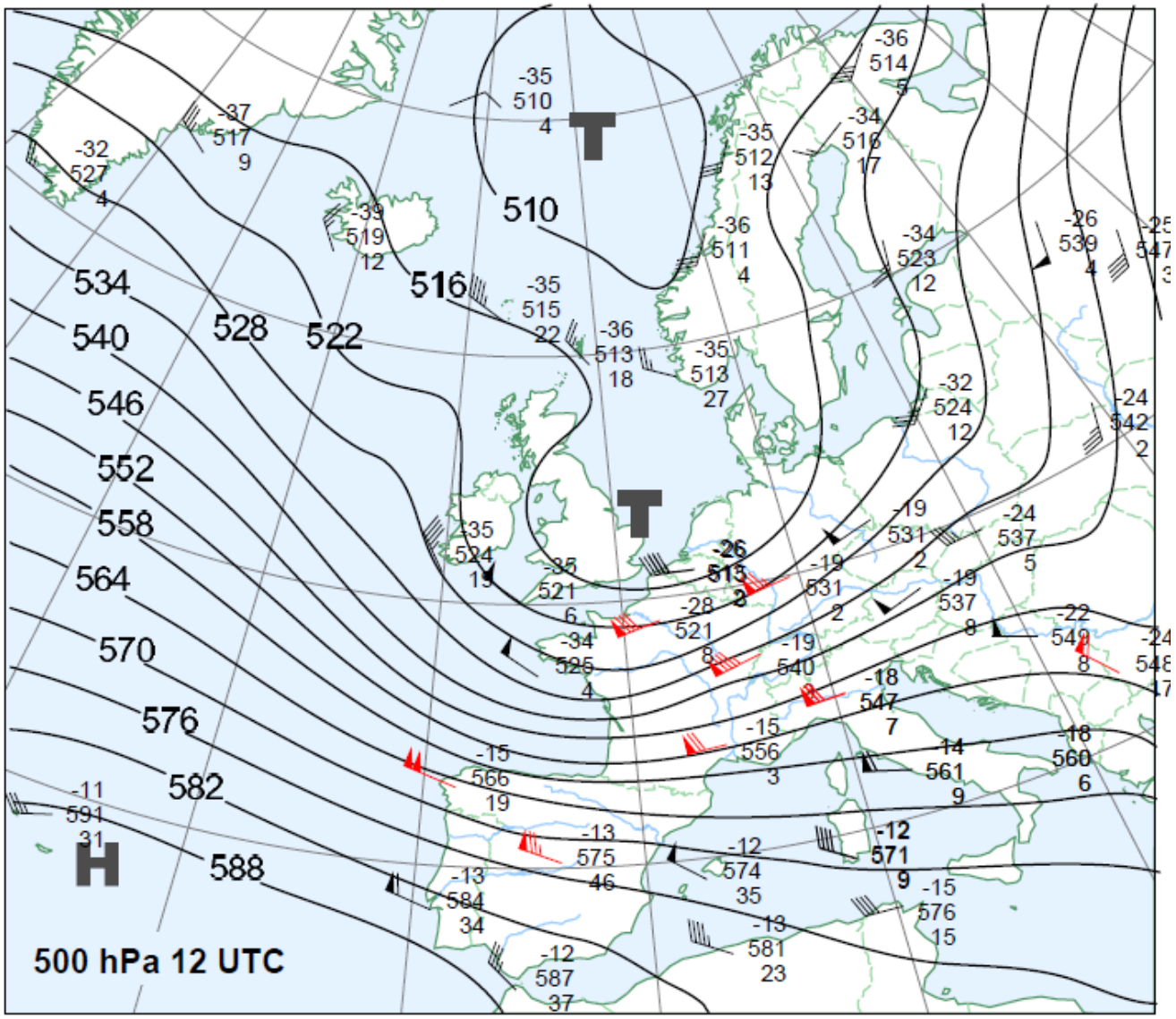
500 hPa 12 UTC

15-16.12.2011


500 hPa 12 UTC
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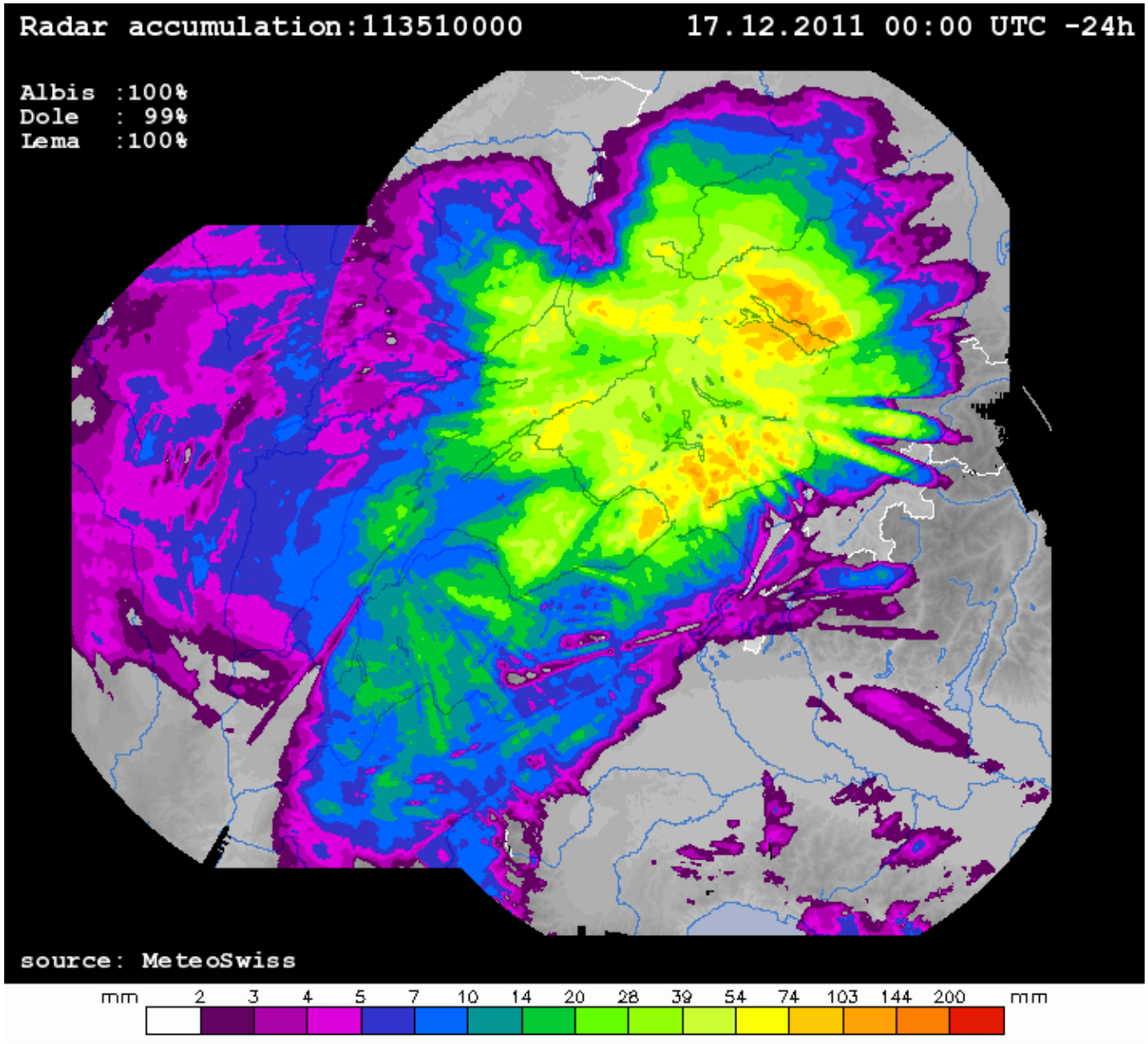
16.12.2011: stima precipitazioni radar

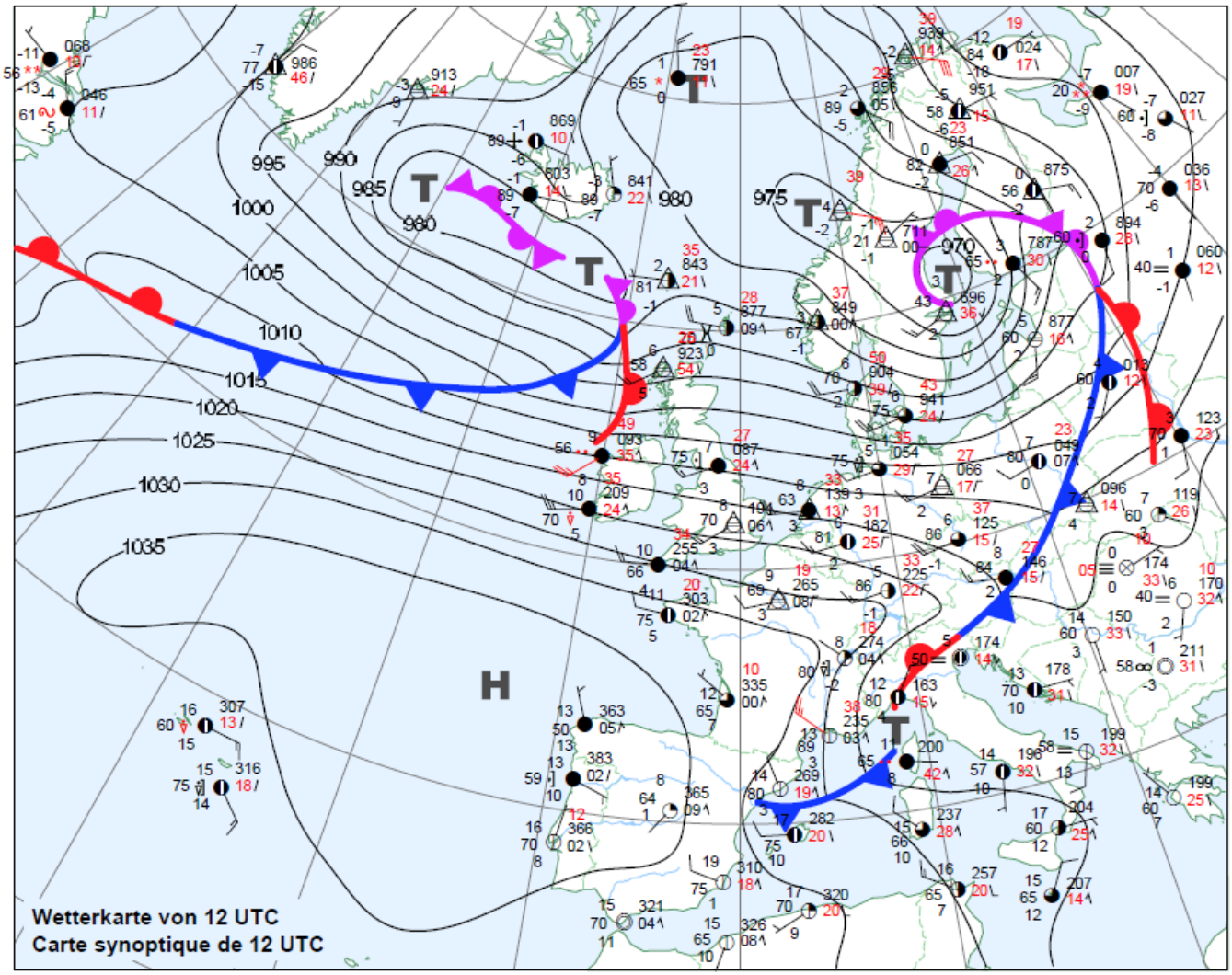


5.1.2012

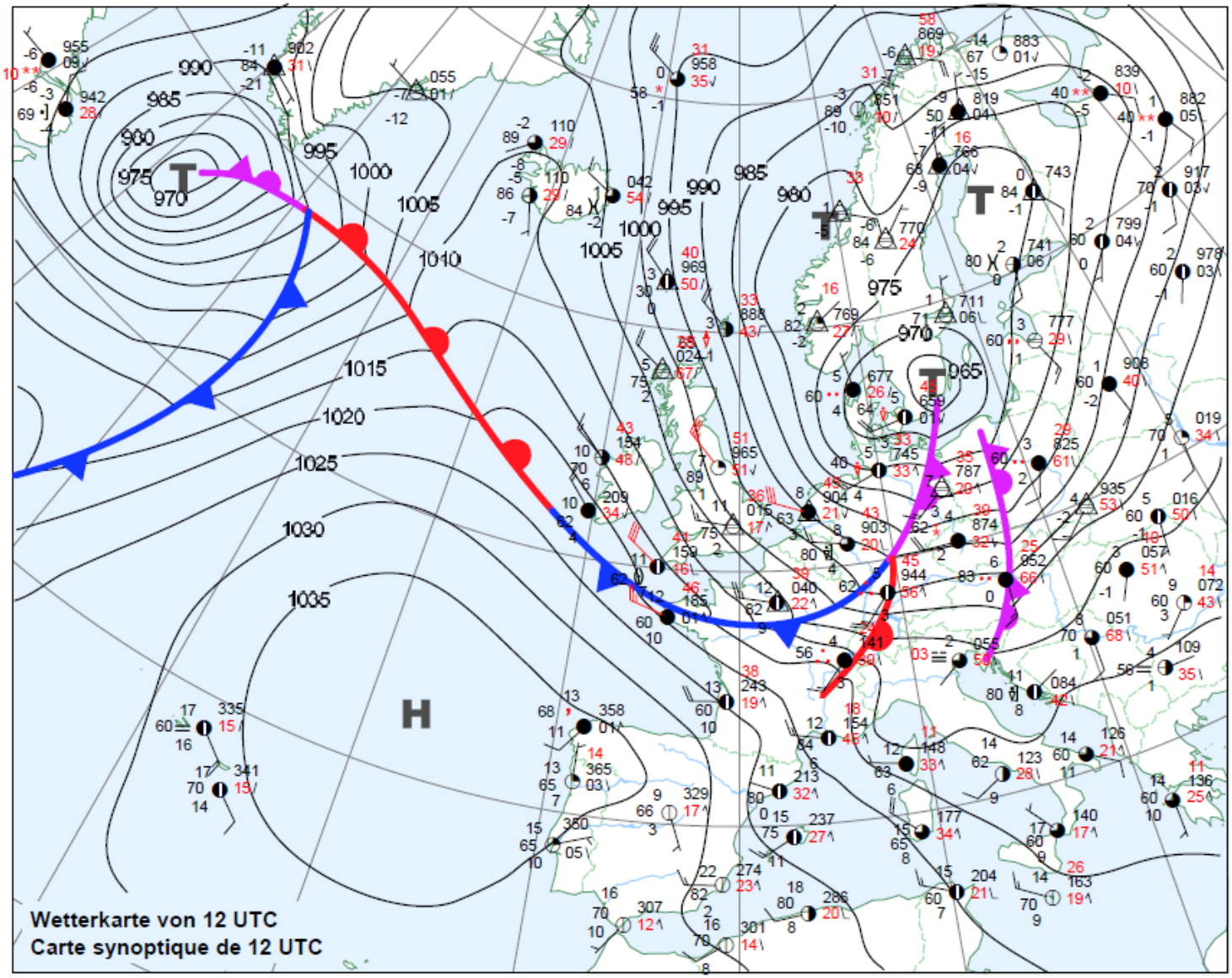
Wetterübersicht vom Mittwoch
Résumé météorologique du Mercredi **4.1.2012**

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Eidgenössisches Departement des Innern EDI
Département fédéral de l'intérieur DFI
Bundesamt für Meteorologie und Klimatologie MeteoSchweiz
Office fédéral de météorologie et de climatologie MétéoSuisse



5.1.2012


Wetterübersicht vom Donnerstag
Résumé météorologique du Jeudi
5.1.2012
Schweizerische Eidgenossenschaft
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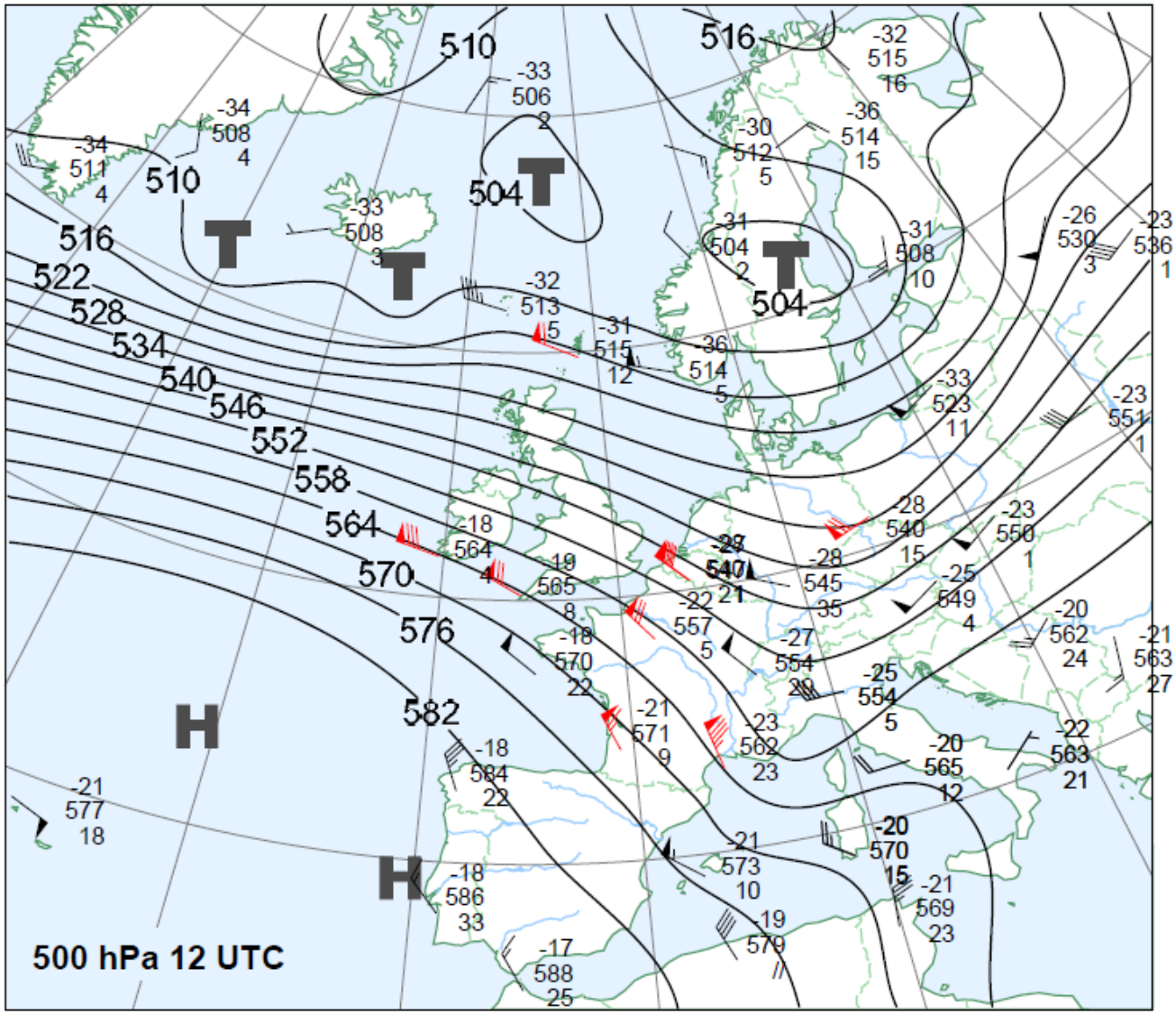
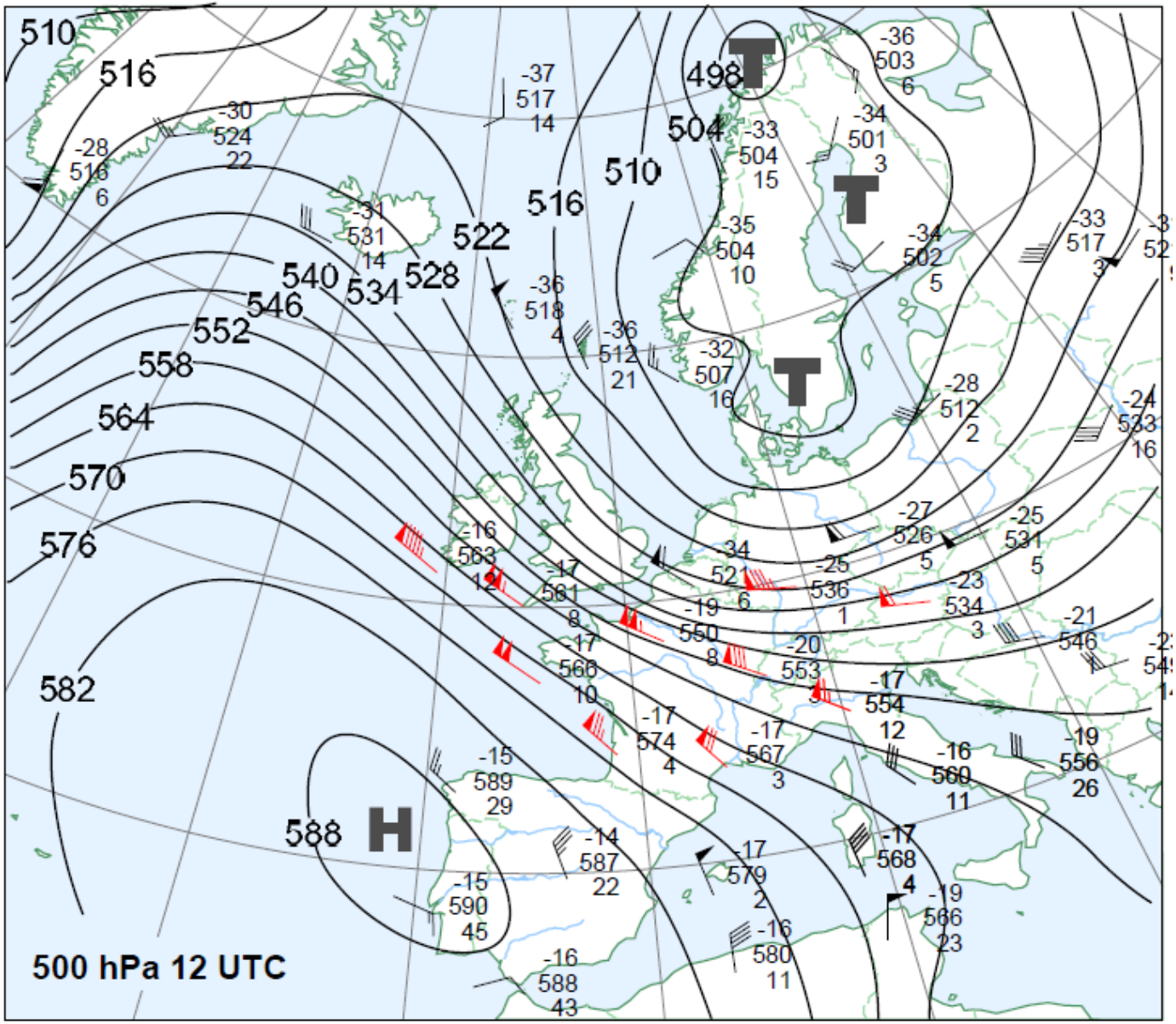
Office fédéral de météorologie et de climatologie MétéoSuisse
Wetterkarte von 12 UTC
Carte synoptique de 12 UTC

4-5.1.2012



5.1.2012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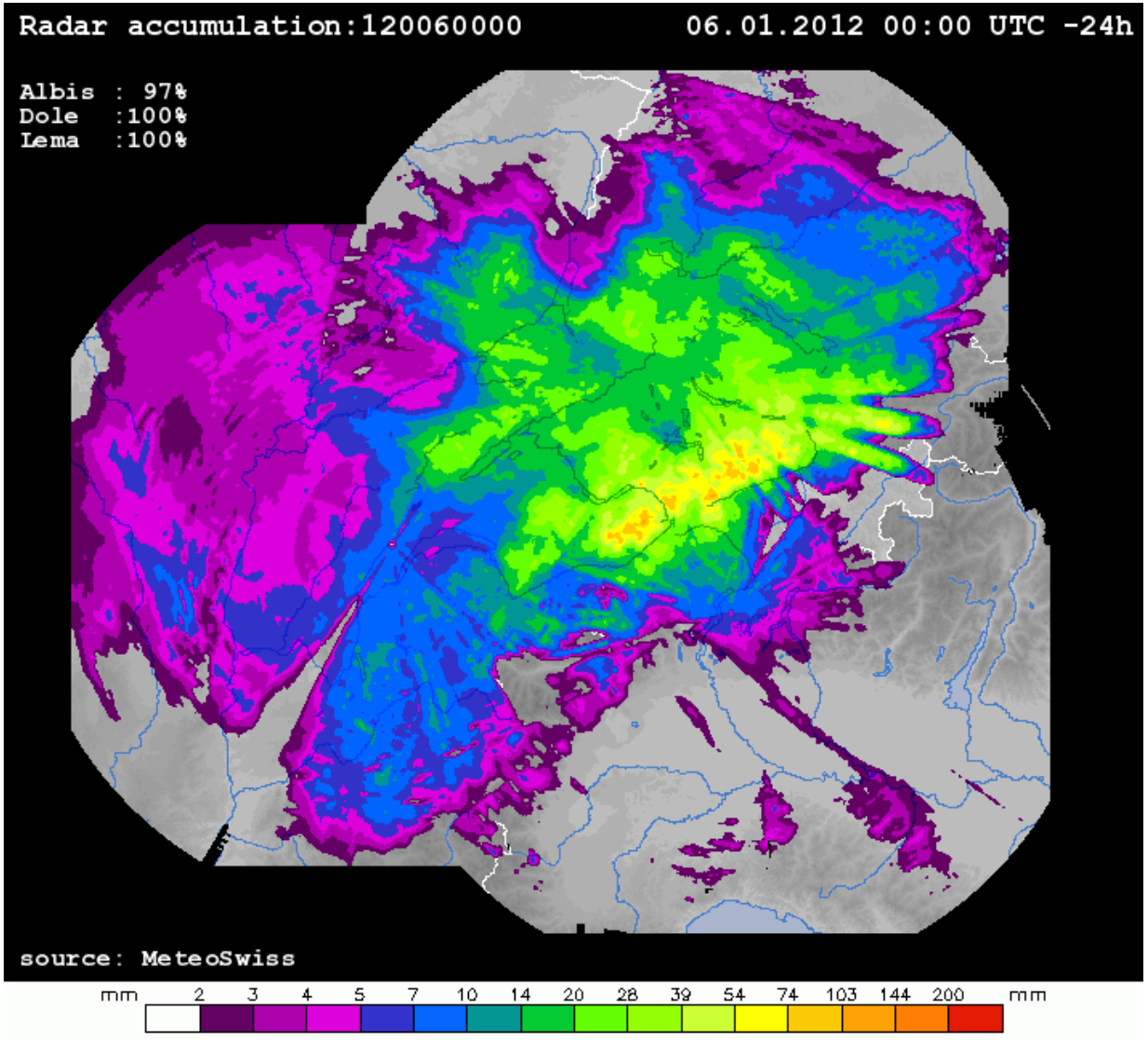
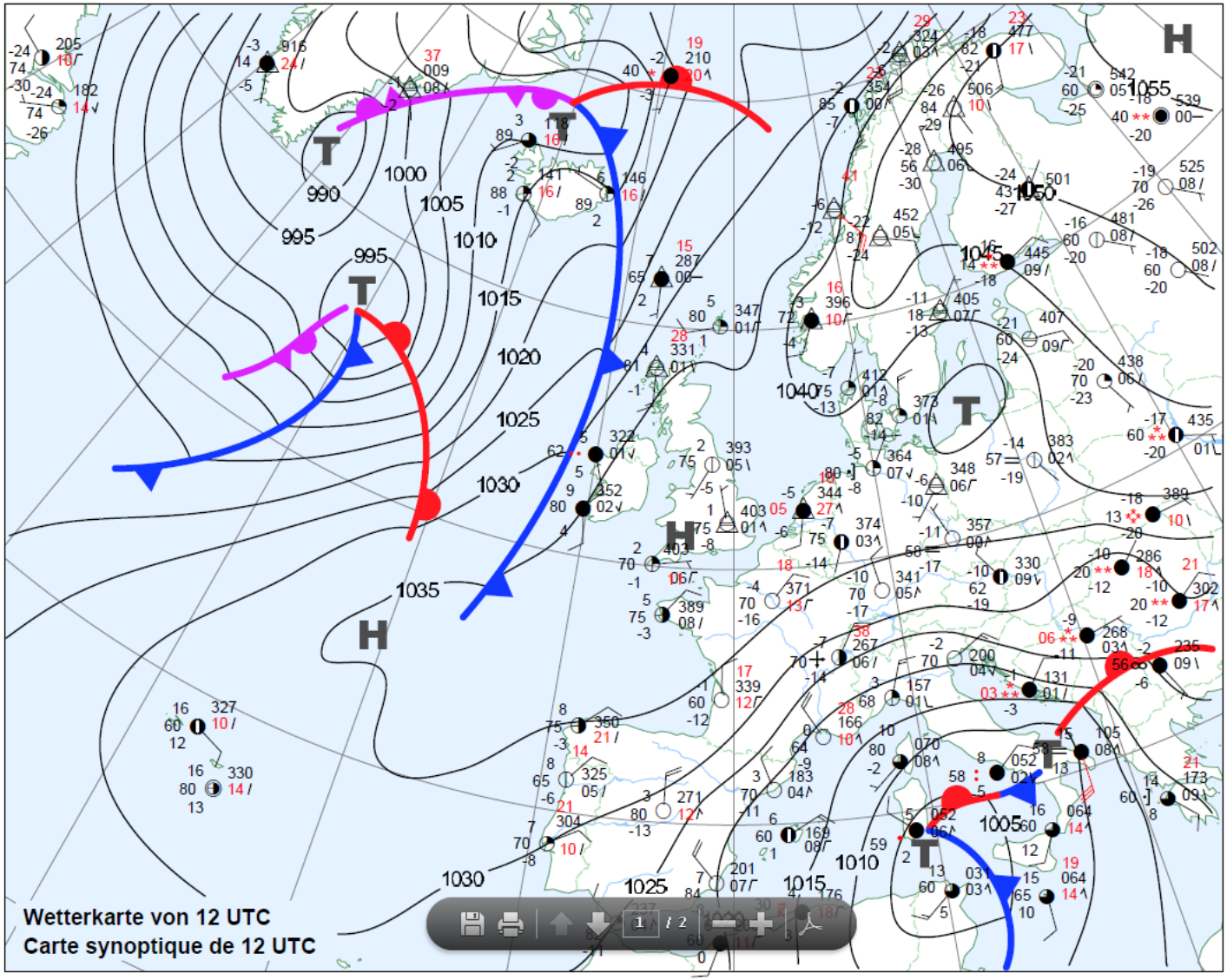
500 hPa 12 UTC

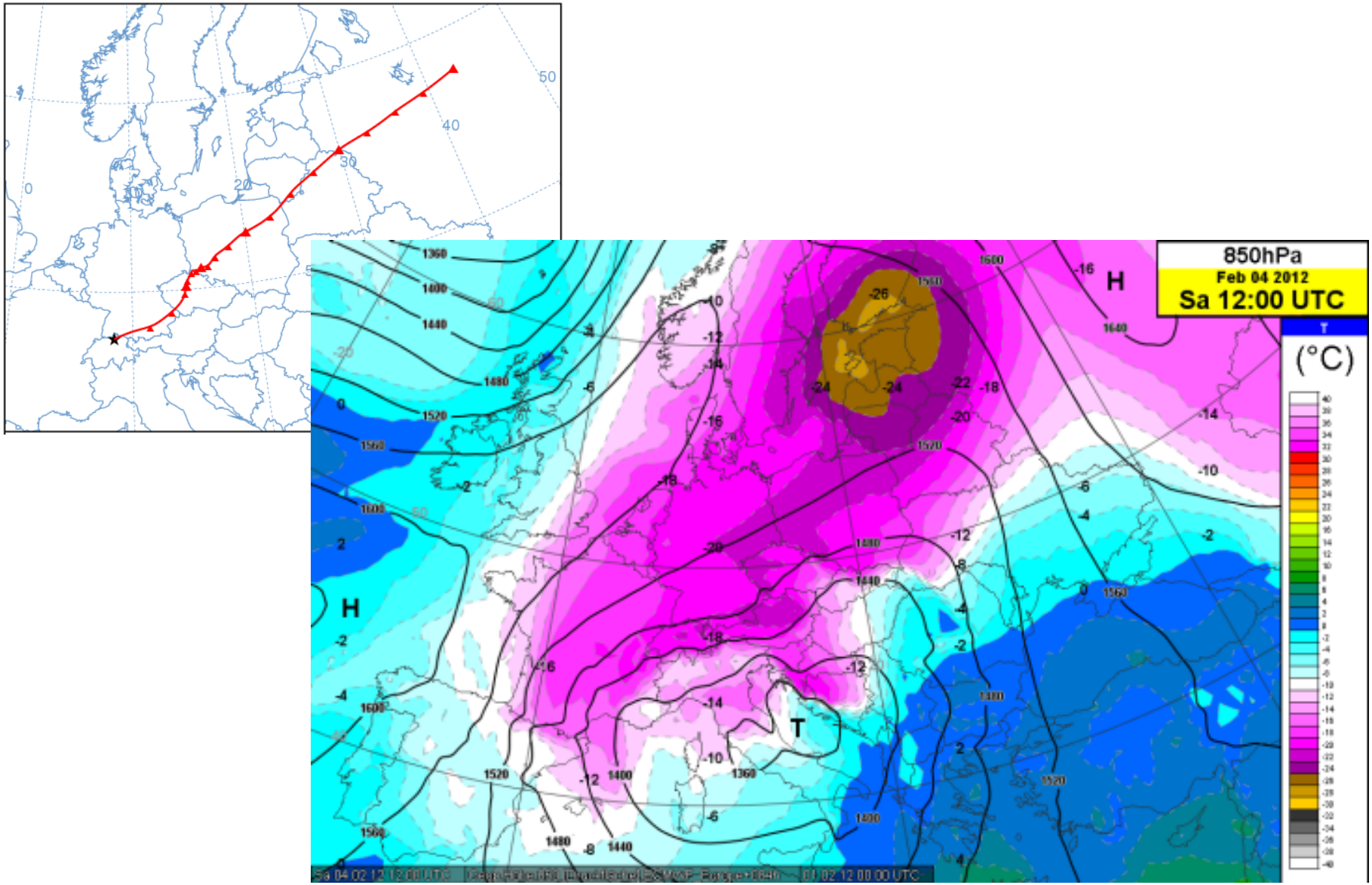
5.01.2012: stima precipitazioni radar

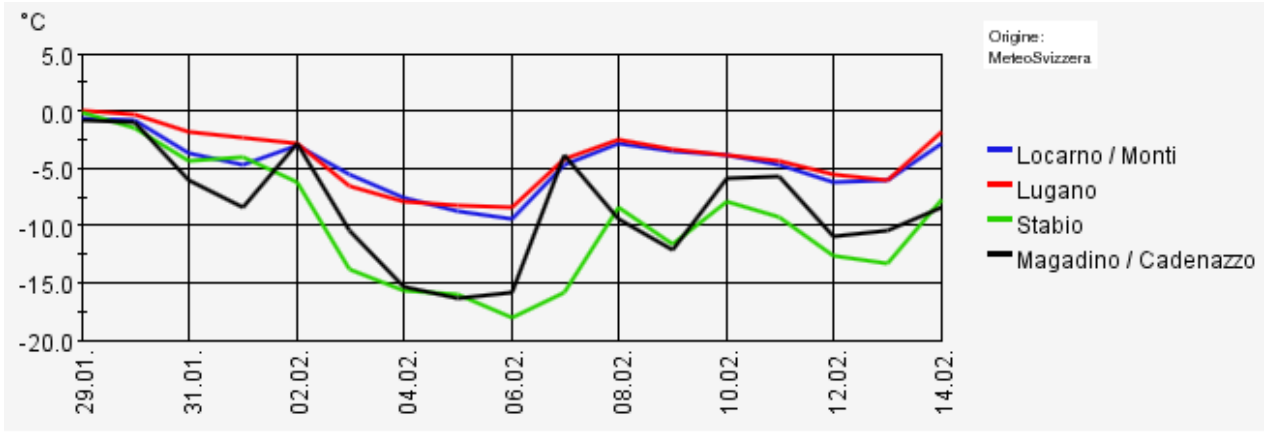


31.1-12.2.2012: ondata di freddo

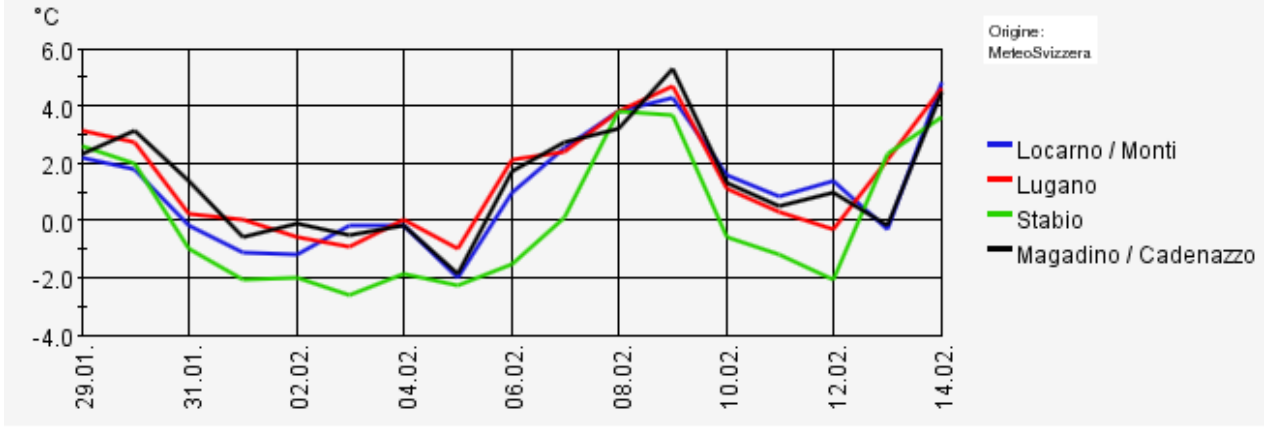


31.1-12.2: ondata di freddo

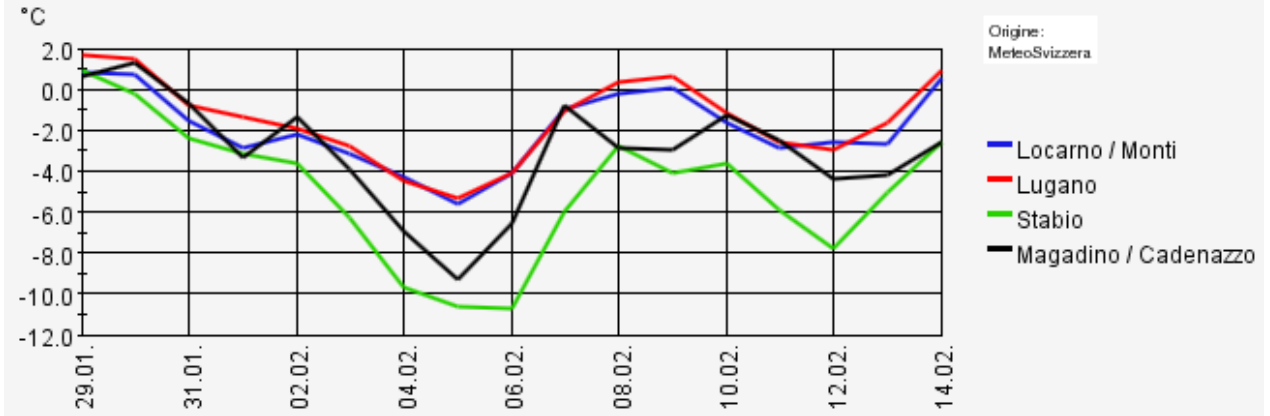




Temperatura dell'aria a 2 m; massima giornaliera [°C] 29.01.2012 - 14.02.2012



Temperatura dell'aria a 2 m; media giornaliera [°C] 29.01.2012 - 14.02.2012



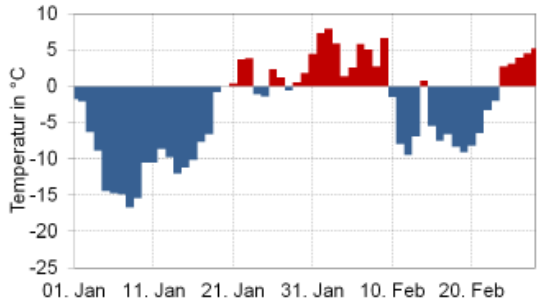
Record di temperatura?

	Gran San Bernardo	San Bernardino	RobieiRŒ	Acquarossa	Cimetta s. Locarno	Piotta	Magadino	Locarno-Monti	Lugano	Stabio	Poschiavo	Samaden	Schuls
01.02.2012	-18.9	-11.2	-13.3	-9.3	-11.9	-12.9	-8.4	-4.7	-2.4	-4.1	-10.9	-21.0	-14.0
02.02.2012	-18.7	-16.5	-17.9	-5.8	-12.6	-9.5	-2.8	-3.0	-2.9	-6.3	-10.2	-19.8	-13.9
03.02.2012	-23.4	-19.6	-18.6	-10.6	-14.4	-16.0	-10.5	-5.5	-6.5	-13.8	-16.8	-23.7	-19.0
04.02.2012	-25.2	-20.1	-19.0	-10	-15.8	-12.7	-15.4	-7.5	-8.0	-15.7	-11.7	-26.6	-22.4
05.02.2012	-22.6	-19.8	-19.5	**-13.6**	-16.2	**-18.8**	-16.3	-8.7	-8.2	-16.0	-18.2	-29.7	-22.0
06.02.2012	-19.2	-14.7	-11.6	-13.4	-10.3	-11.3	-15.9	-9.5	-8.5	-18.0	-19.2	-35.1	-24.3
Rango del 2012	**8**	**11**	**3**	**1**	**9**	**1**	**2**	**2**	**2**	**2**	**3**	**3**	**4**
Min. più basso	-28.4	-25.1	-20.7	-12.2	-19.3	-18.3	-16.9	-10.1	-9.0	-18.4	-21.0	-36.9	-25.1
Anno	1986	1985	1991.0	1991	1985	1985	1991	1985	1985	1991	1991.0	1985	1987

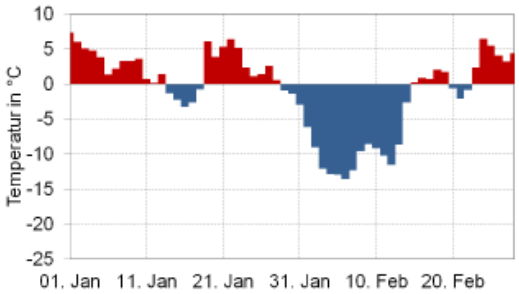
Rango	Data	Temp.	Rango	Data	Temp.
1	12.02.1929	-14.0	16	23.01.1907	-9.5
2	13.01.1926	-12.5	17	24.12.1940	-9.4
3	18.01.1891	-11.8	18	06.01.1947	-9.2
4	16.02.1901	-11.0	19	15.12.1890	-9.2
5	19.02.1895	-11.0	20	07.01.1985	-9.0
6	14.01.1893	-11.0	21	23.01.1933	-9.0
7	10.12.1879	-11.0	22	05.01.1894	-9.0
8	12.02.1956	-10.8	23	01.02.1888	-9.0
9	11.01.1945	-10.8	24	30.12.1939	-8.8
10	14.02.1932	-10.6	25	28.12.1938	-8.8
11	18.01.1887	-10.0	26	31.12.1869	-8.8
12	13.02.1932	-9.8	27	24.01.1963	-8.6
13	30.01.1917	-9.8	28	11.02.1935	-8.6
14	03.01.1905	-9.8	29	**06.02.2012**	**-8.5**
15	19.12.1927	-9.6			

Ondata 2012 e quella del 1985: CH

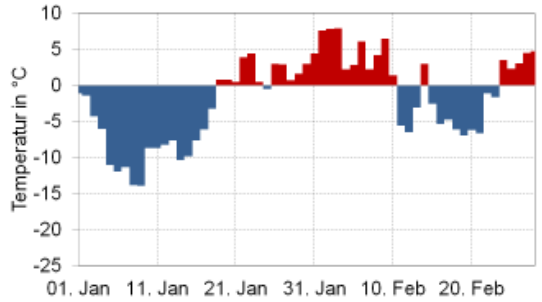
Zürich 1985
Tiefstes 14-Tagesmittel: -11.8 Grad



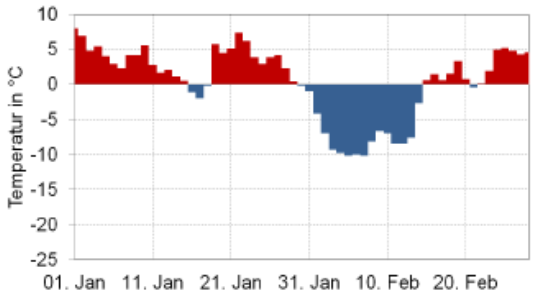
Zürich 2012
Tiefstes 14-Tagesmittel: -9.9 Grad



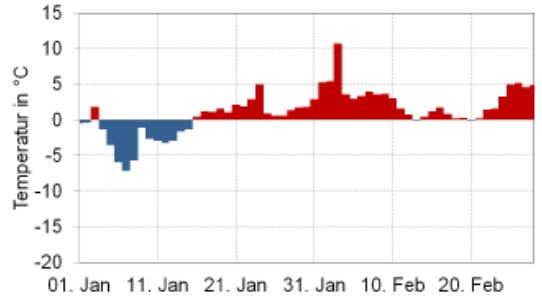
Neuchâtel 1985
Tiefstes 14-Tagesmittel: -9.6 Grad



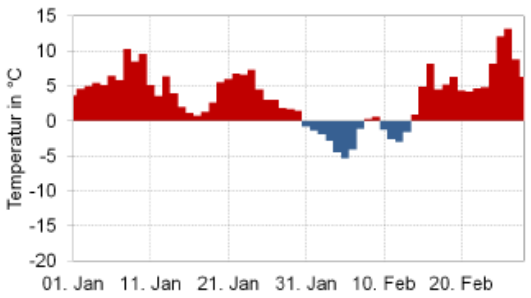
Neuchâtel 2012
Tiefstes 14-Tagesmittel: -7.9 Grad



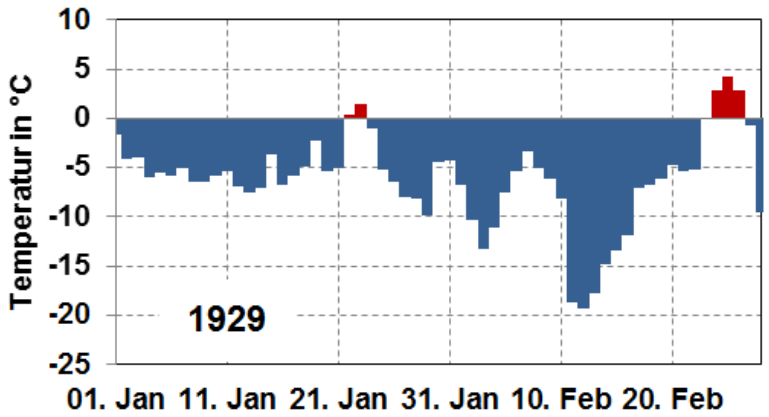
Lugano 1985
Tiefstes 14-Tagesmittel: -2.7 Grad

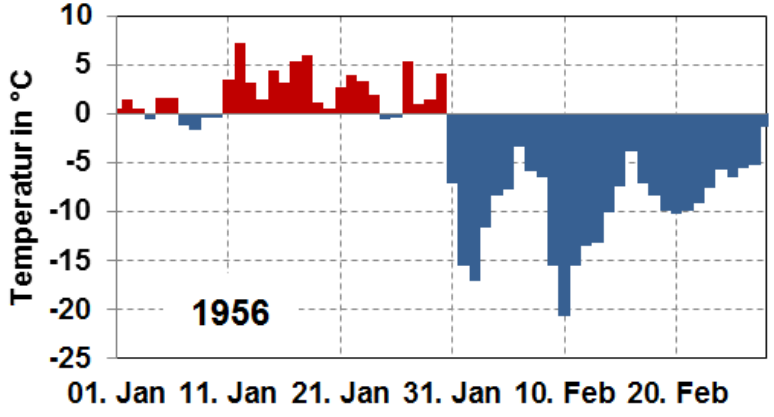


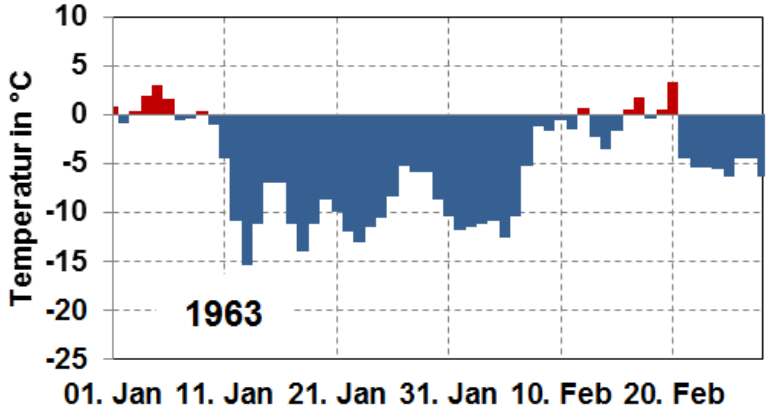
Lugano 2012
Tiefstes 14-Tagesmittel: -2.0 Grad

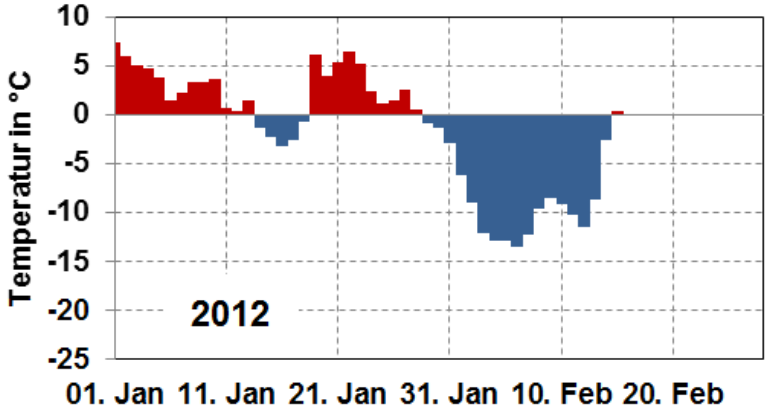


Ondata 2012 e le altre: CH









Bise e freddo