



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Dipartimento federale dell'interno DFI
Ufficio federale di meteorologia e climatologia MeteoSvizzera

Inverno 2010-2011

Retrospettiva meteoclimatica
Matteo Buzzi (Fosco Spinedi, Luca Nisi, Stefano Zanini)



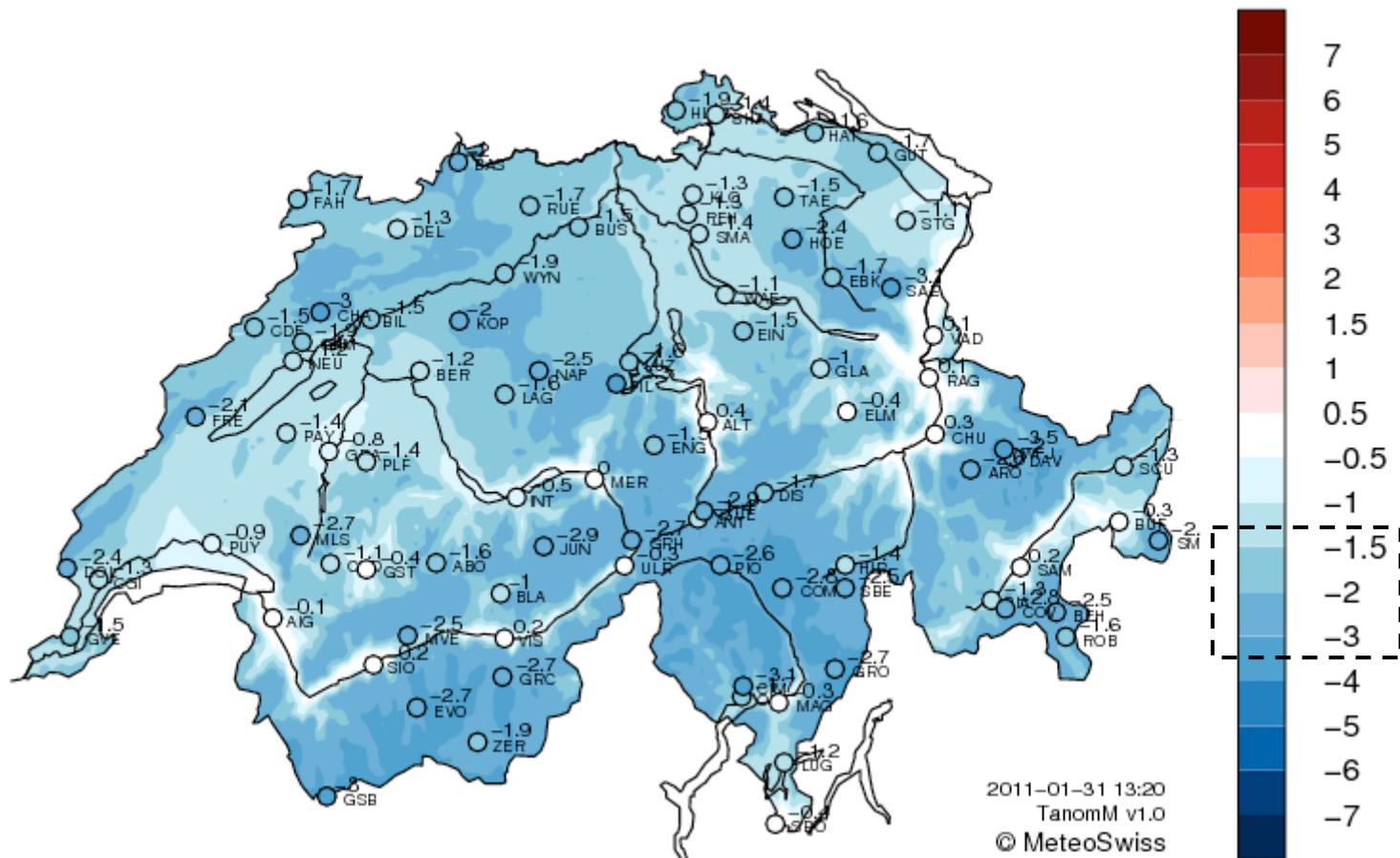
Panoramica

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



Temperatura: dicembre 2010

Monthly Temperature Anomaly (degC) Dec 2010



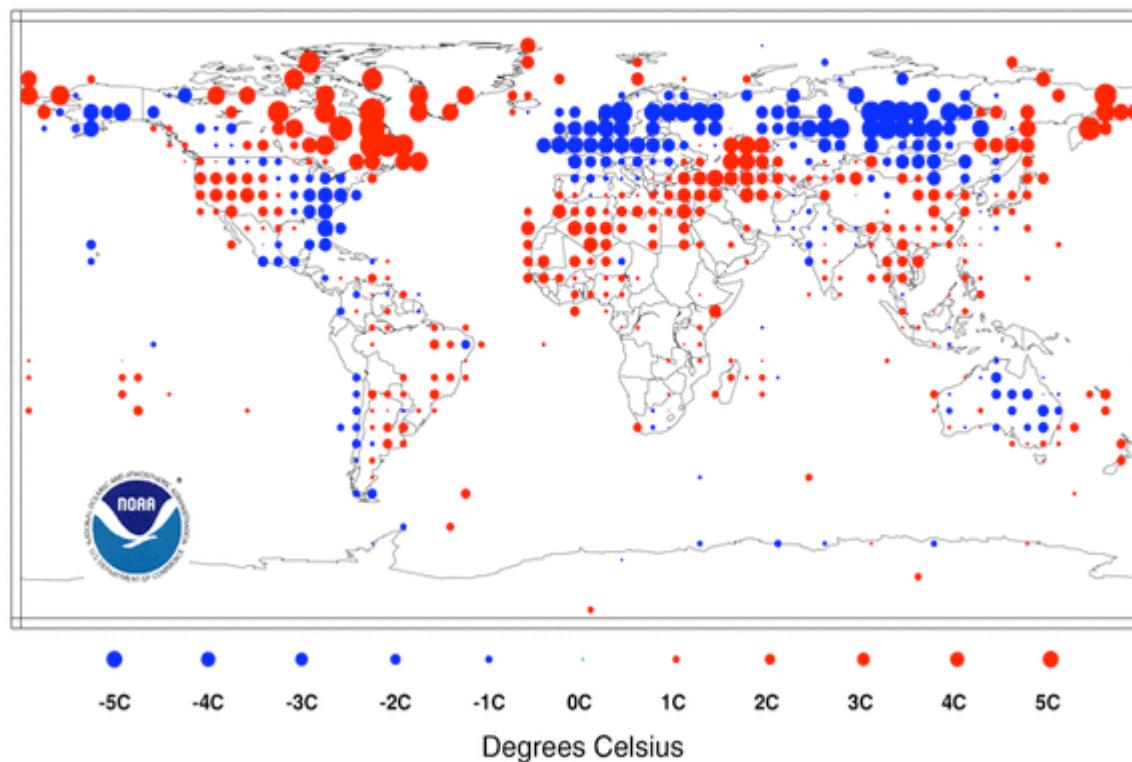


Temperatura: anomalie globali dicembre

Temperature Anomalies December 2010

(with respect to a 1961-1990 base period)

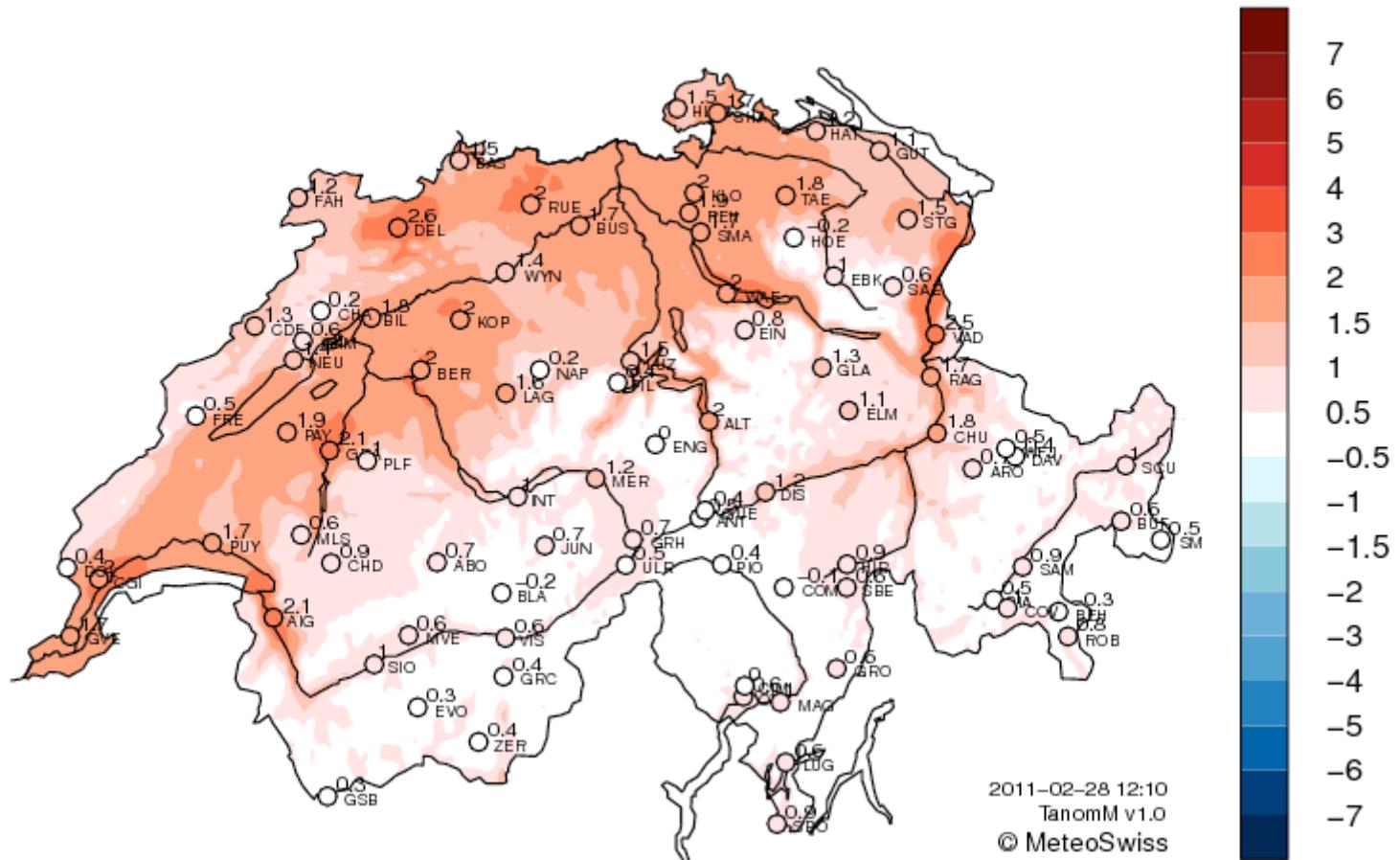
National Climatic Data Center/NESDIS/NOAA





Temperatura: gennaio 2011

Monthly Temperature Anomaly (degC) Jan 2011 (Ref. 1961–1990)



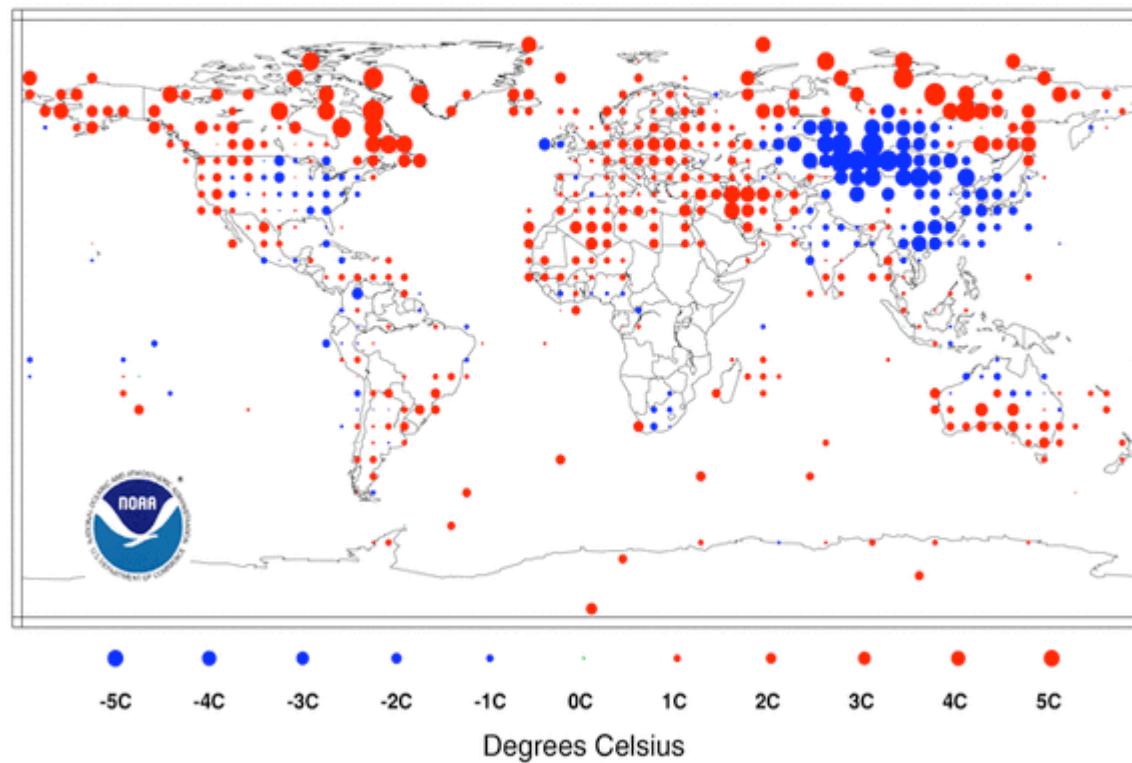


Temperatura: anomalie globali gennaio

Temperature Anomalies January 2011

(with respect to a 1961-1990 base period)

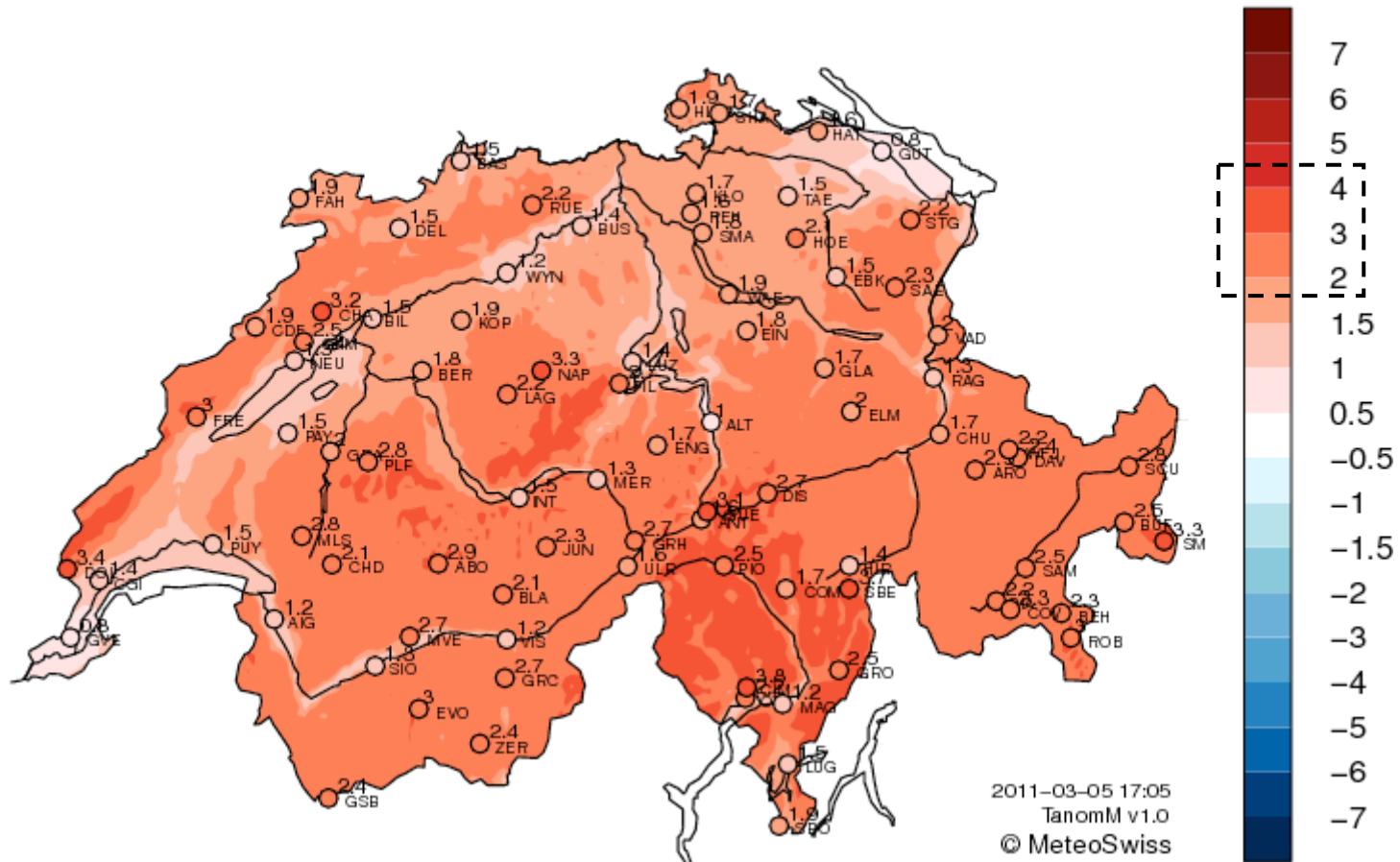
National Climatic Data Center/NESDIS/NOAA





Temperatura: febbraio 2011

Monthly Temperature Anomaly (degC) Feb 2011 (Ref. 1961–1990)

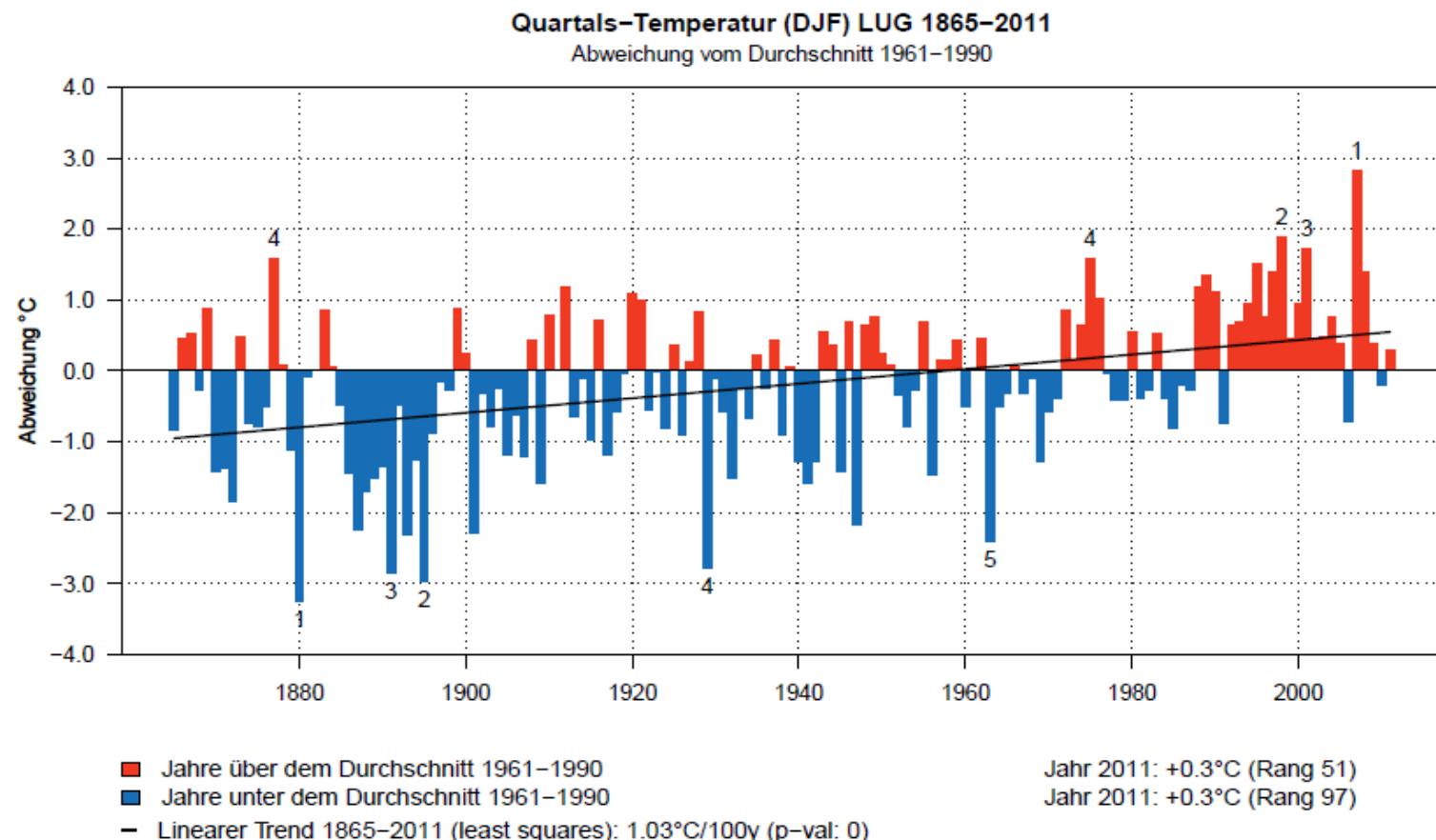




Temperatura: anomalie globali dicembre

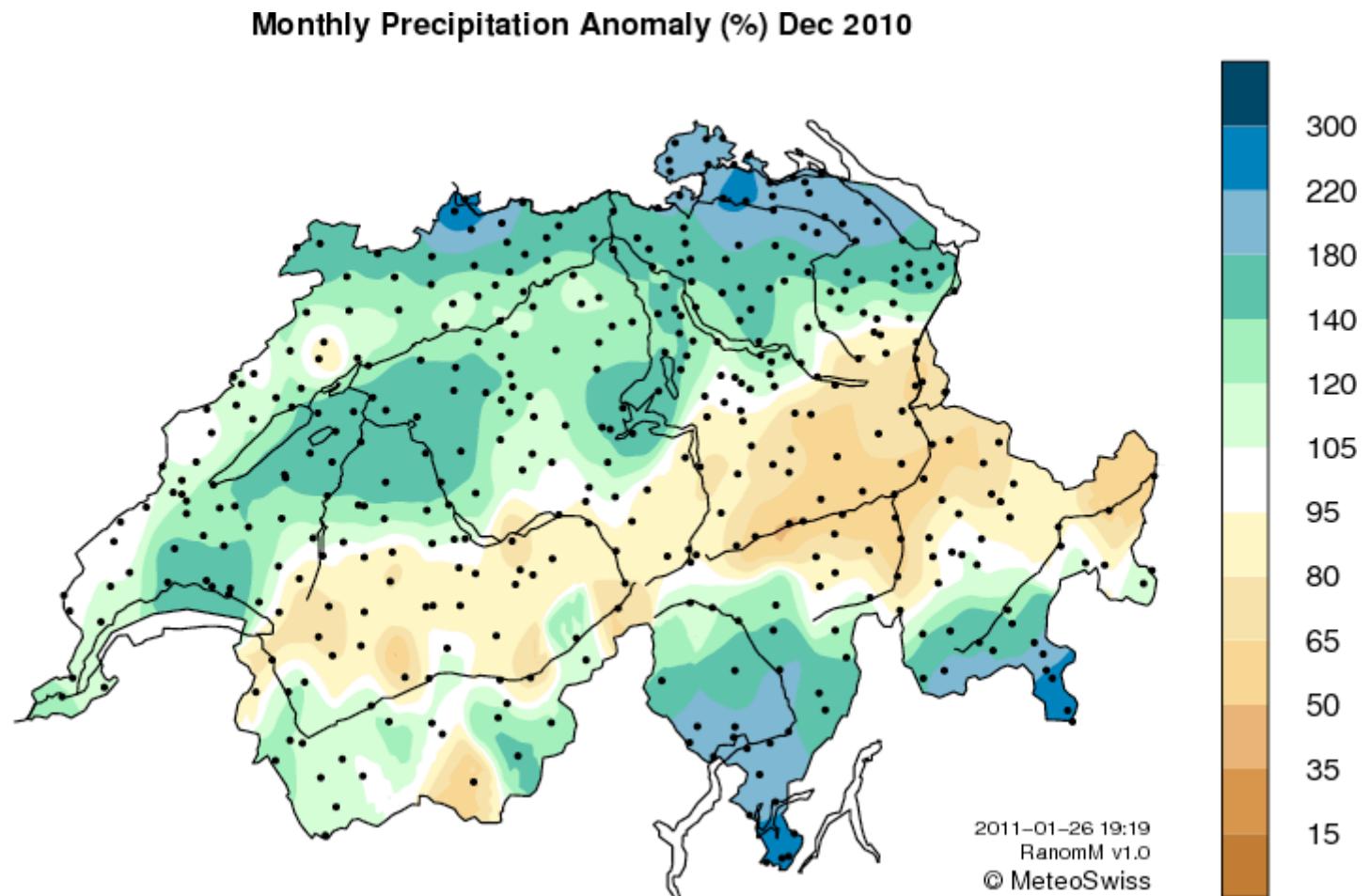


L'inverno 2010-2011 rispetto agli altri





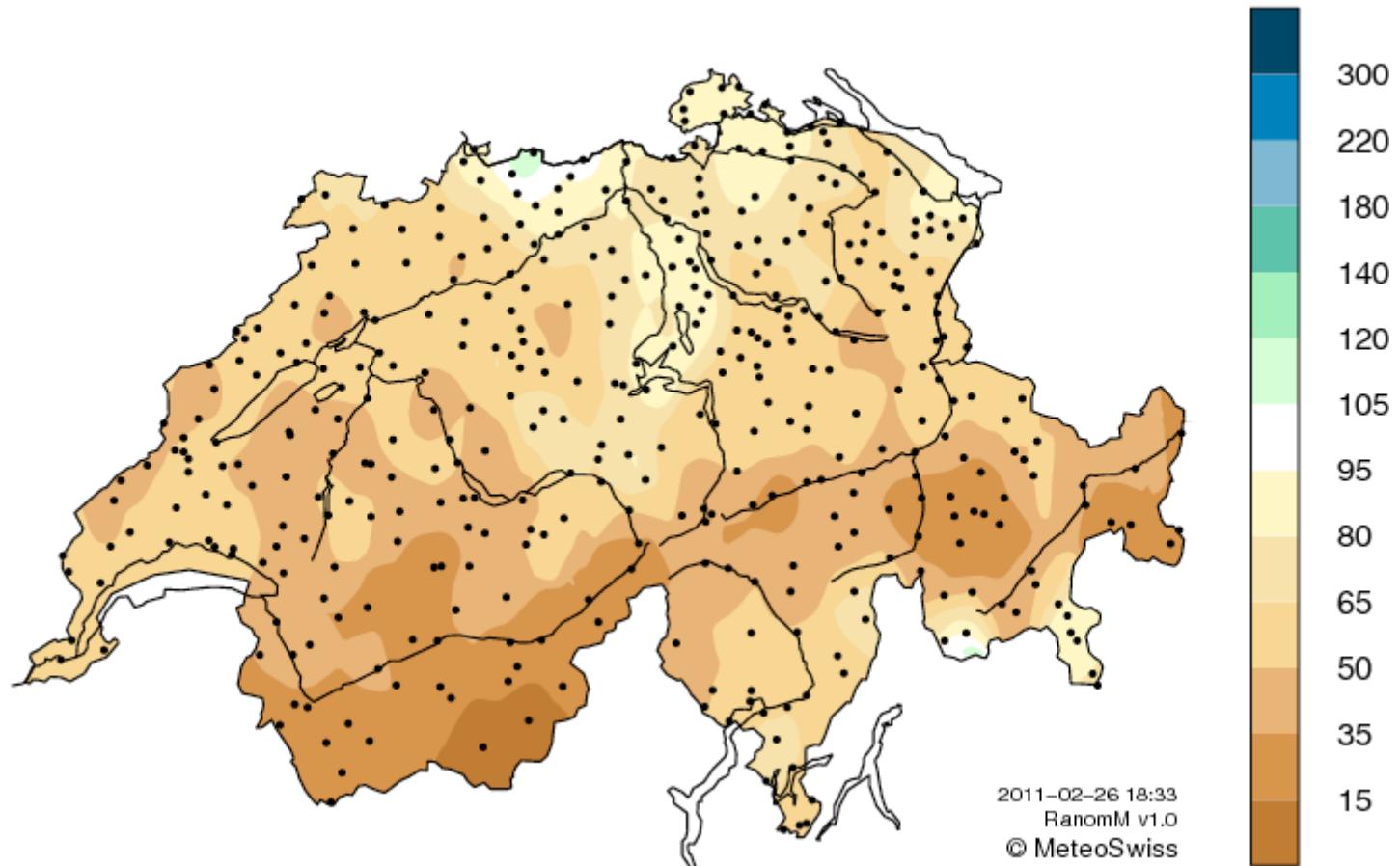
Precipitazioni: dicembre 2010





Precipitazioni: gennaio 2010

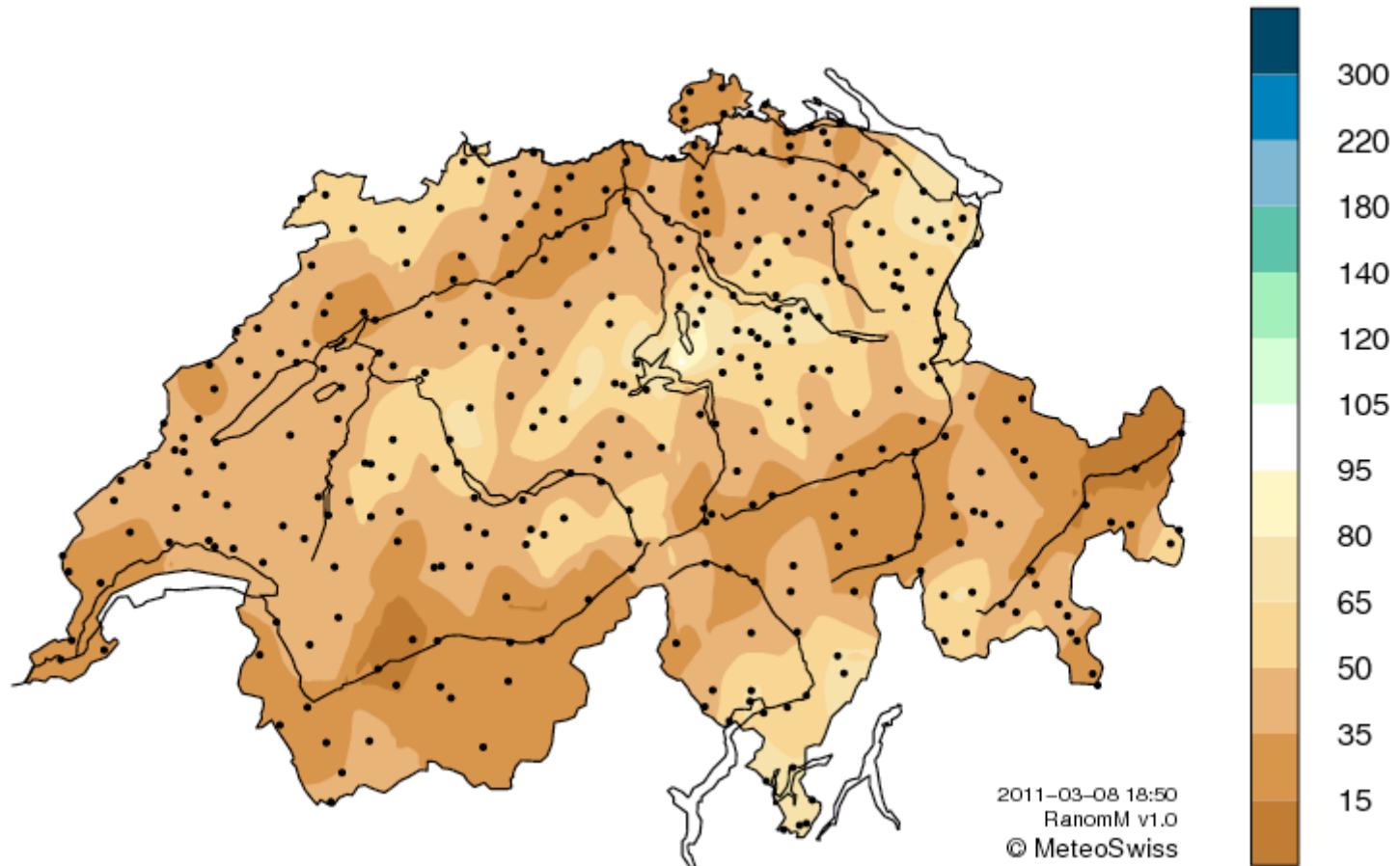
Monthly Precipitation Anomaly (%) Jan 2011 (Ref. 1961–1990)





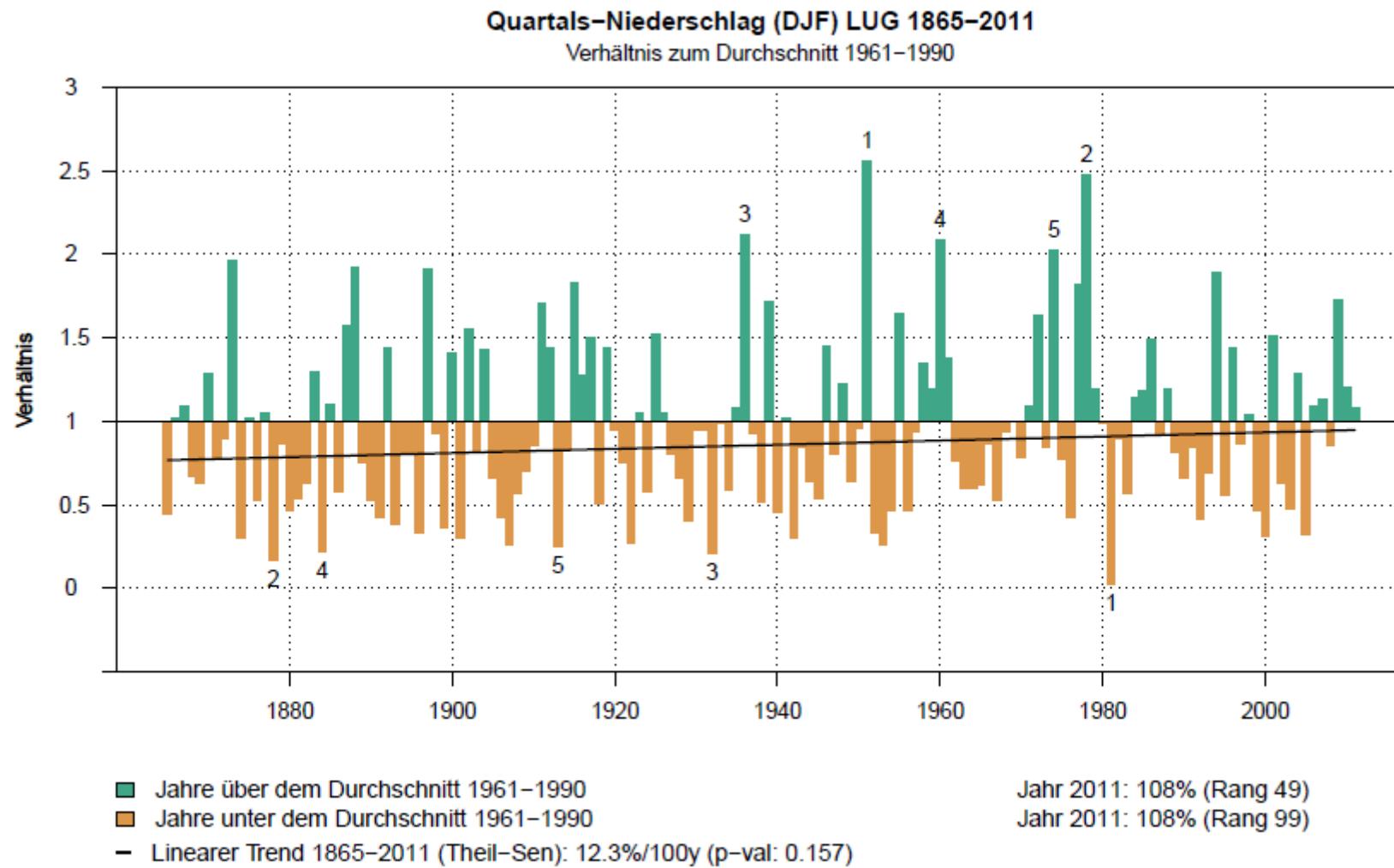
Precipitazioni

Monthly Precipitation Anomaly (%) Feb 2011 (Ref. 1961–1990)





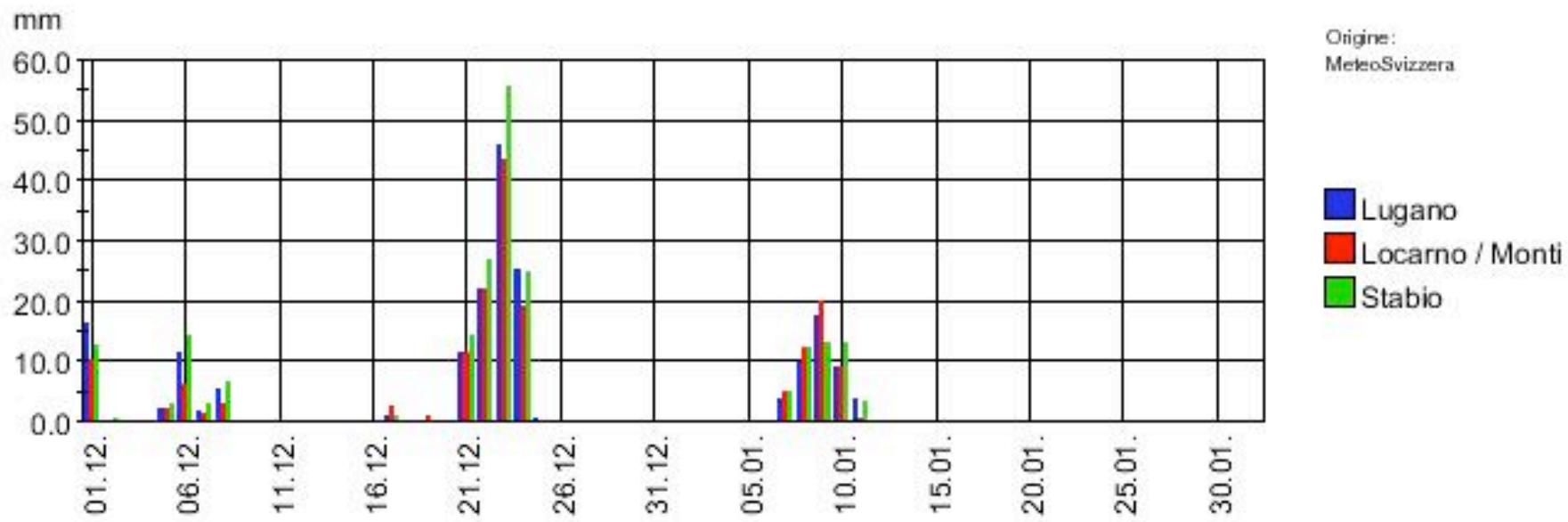
L'inverno 2010-2011 rispetto agli altri





Precipitazioni giornaliere

Precipitazioni; somma giornaliera civile [mm] 01.12.2010 - 01.02.2011

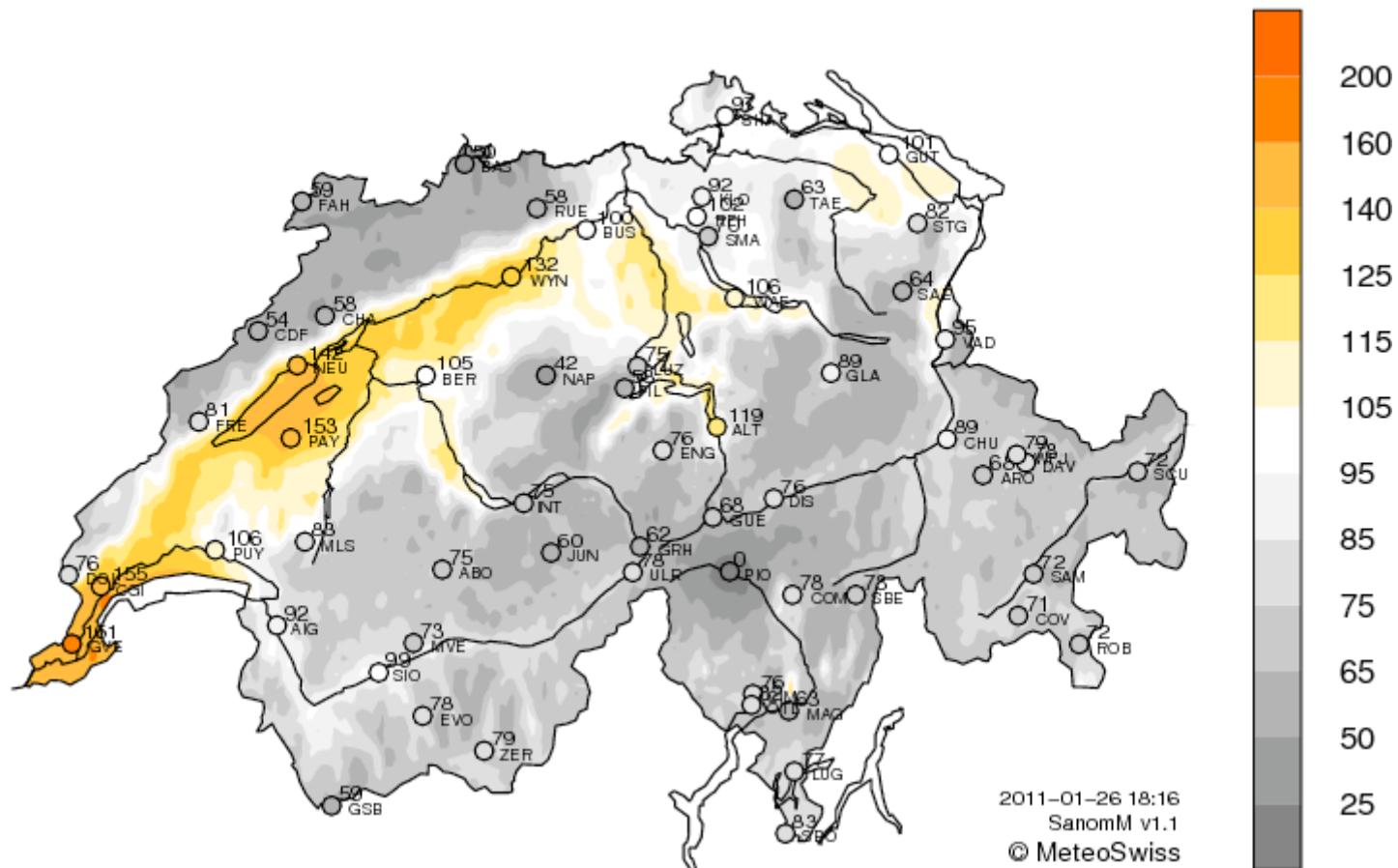


3 eventi con precipitazioni: 5-8.12.2010, 21-24.12.2010, 7-11.1.2011



Soleggiamento: anomalia dicembre

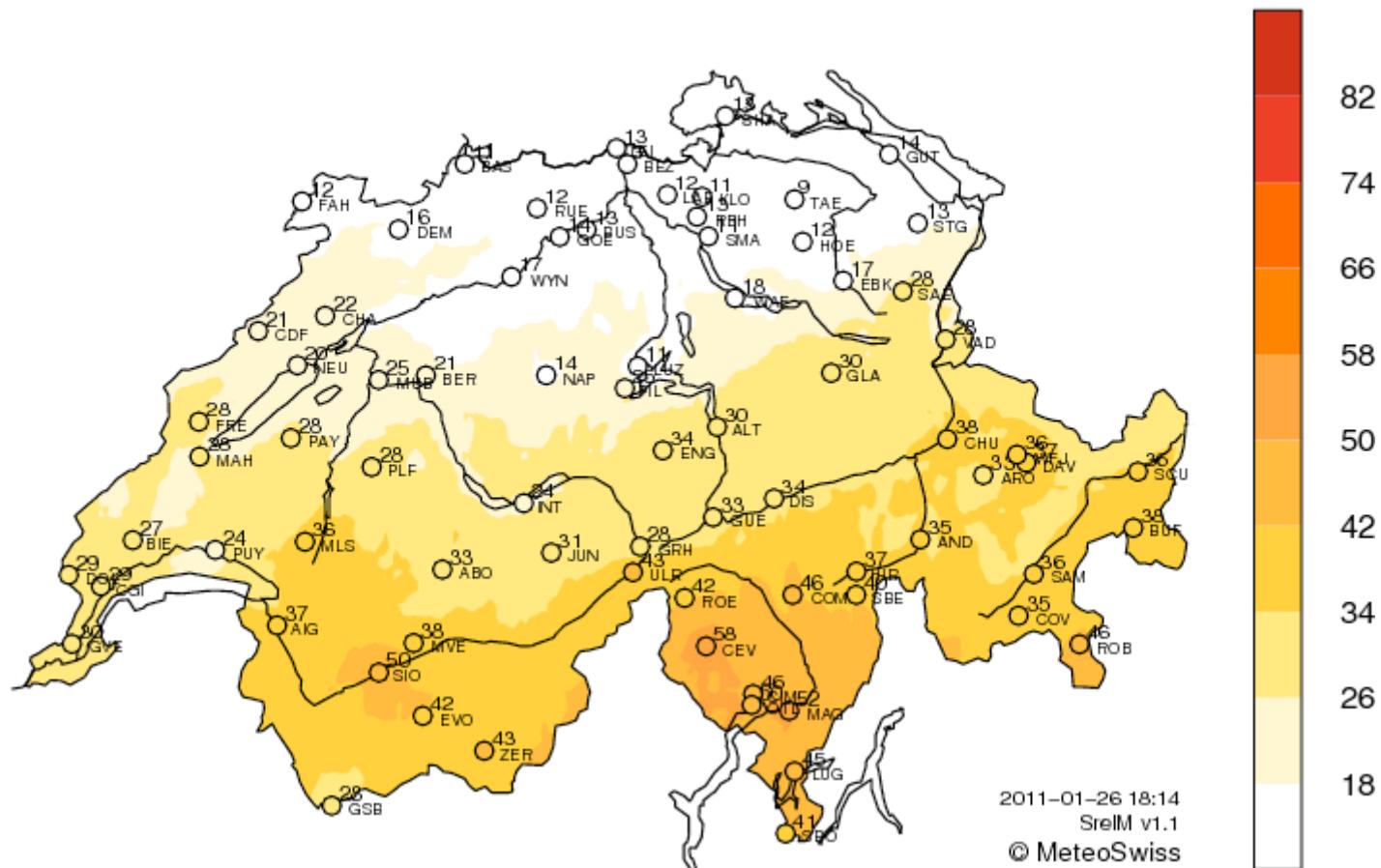
Monthly Sunshine Duration Anomaly (%) Dec 2010





Soleggiamento relativo: dicembre

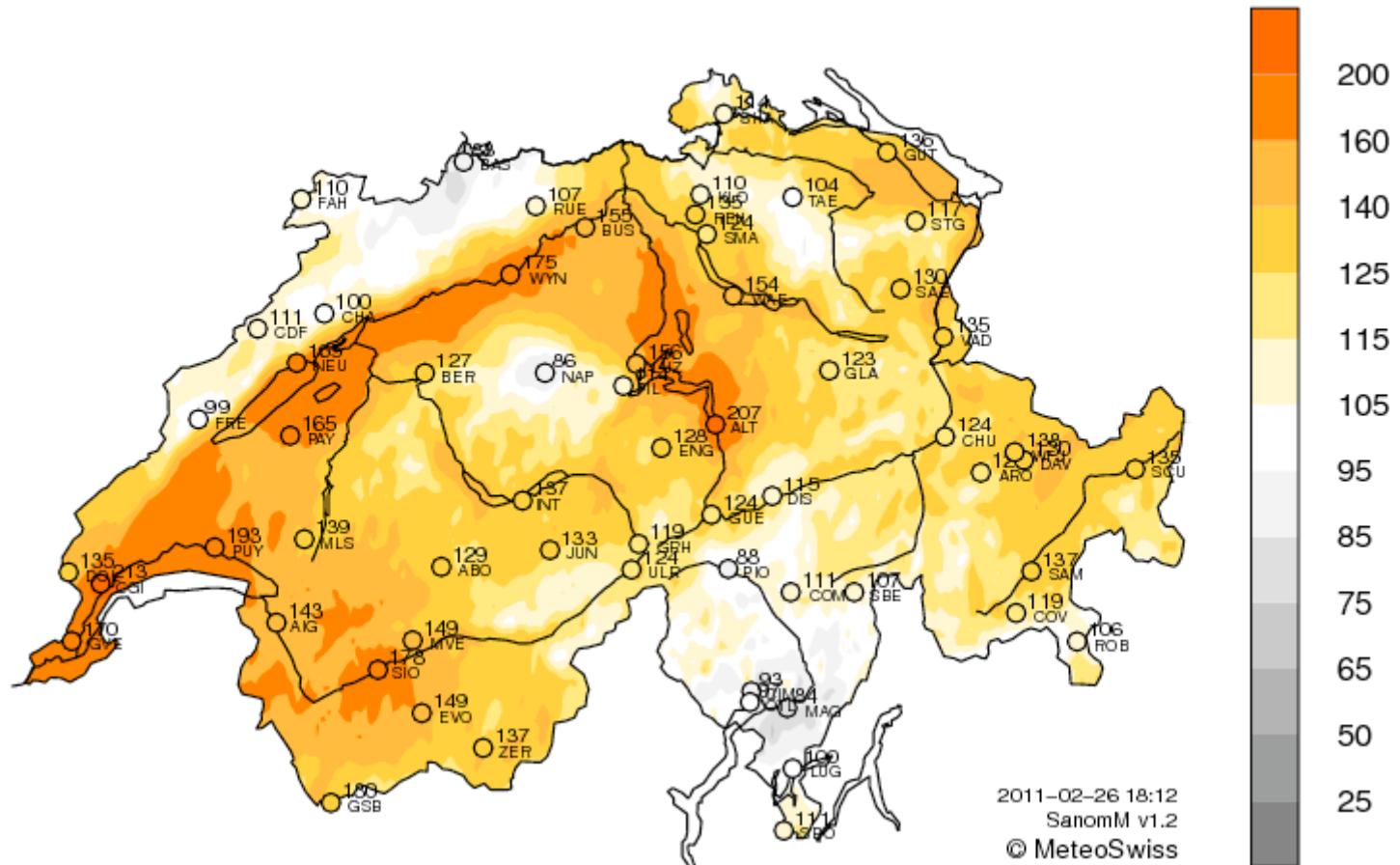
Monthly Relative Sunshine Duration (%) Dec 2010





Soleggiamento: anomalia gennaio

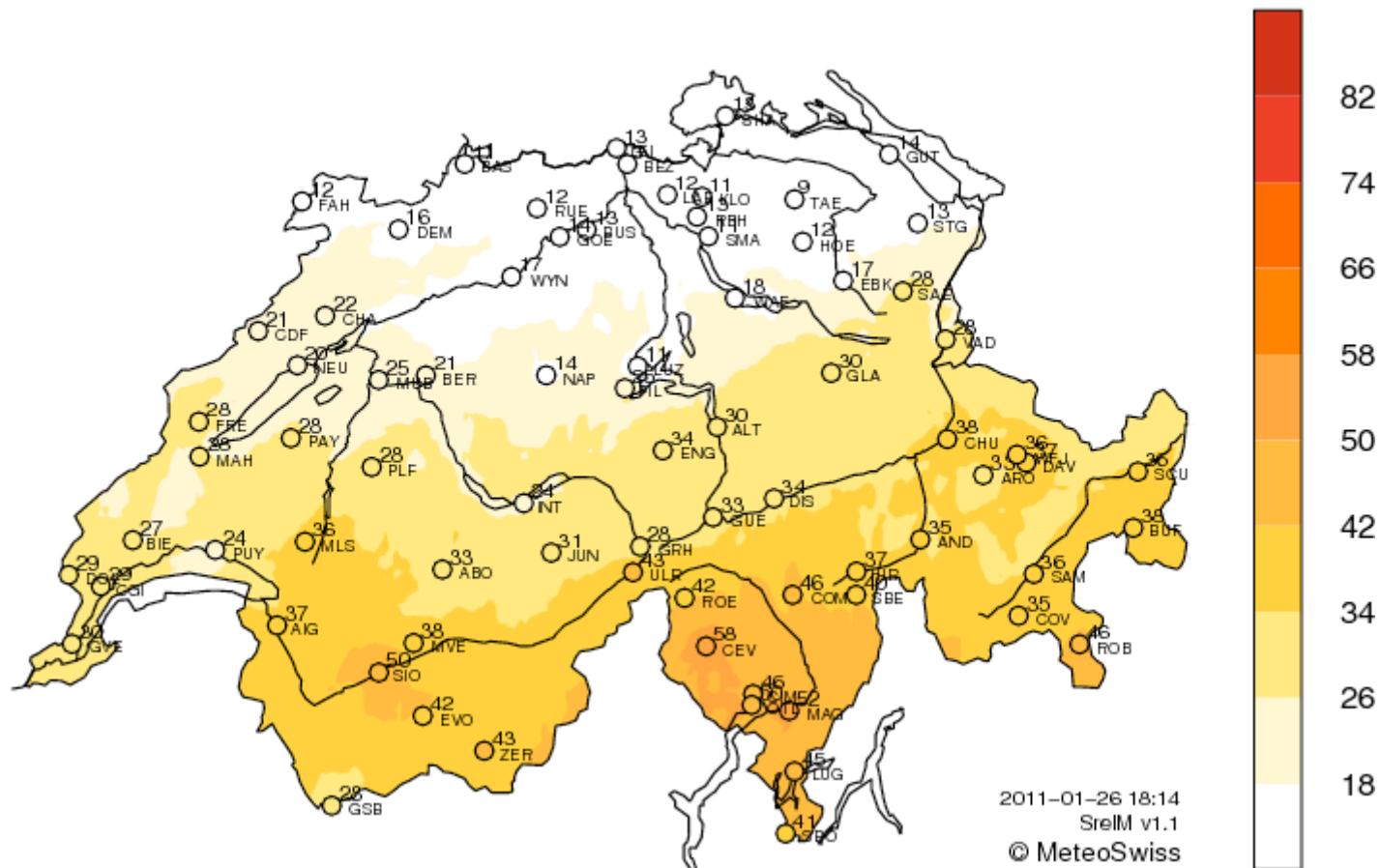
Monthly Sunshine Duration Anomaly (%) Jan 2011 (Ref. 1961–1990)





Soleggiamento relativo: gennaio

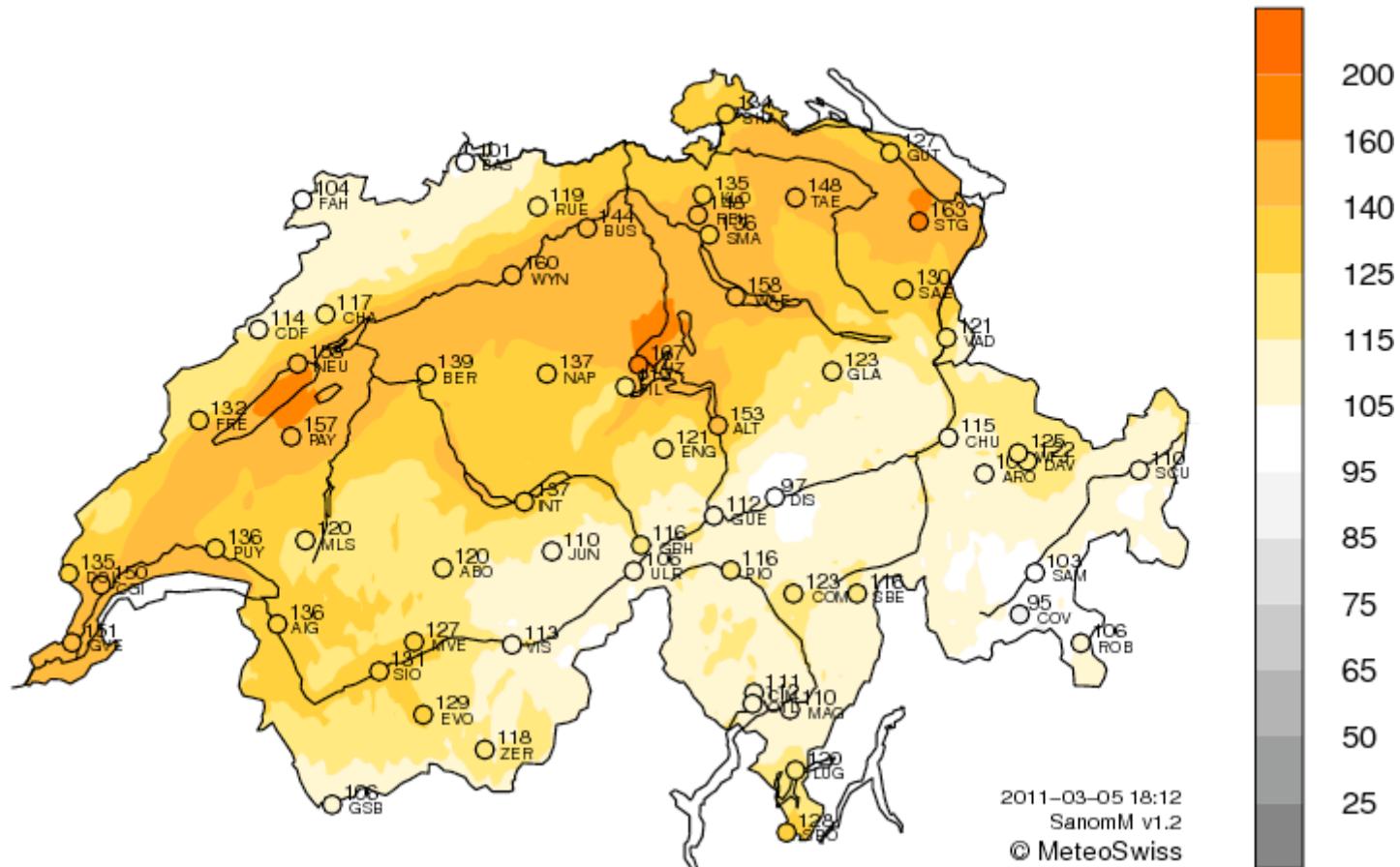
Monthly Relative Sunshine Duration (%) Dec 2010





Soleggiamento: anomalia febbraio

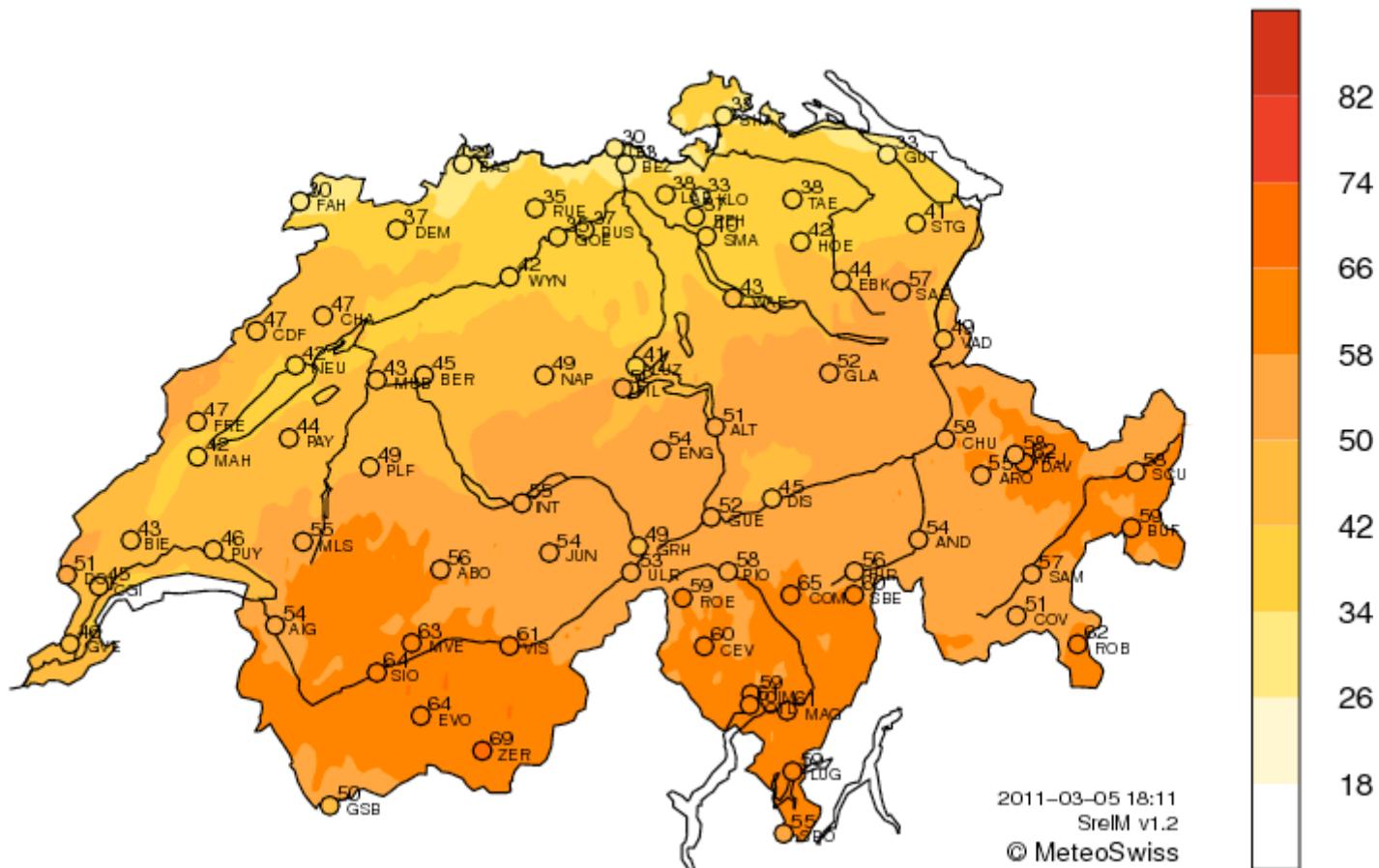
Monthly Sunshine Duration Anomaly (%) Feb 2011 (Ref. 1961–1990)





Soleggiamento relativo: febbraio

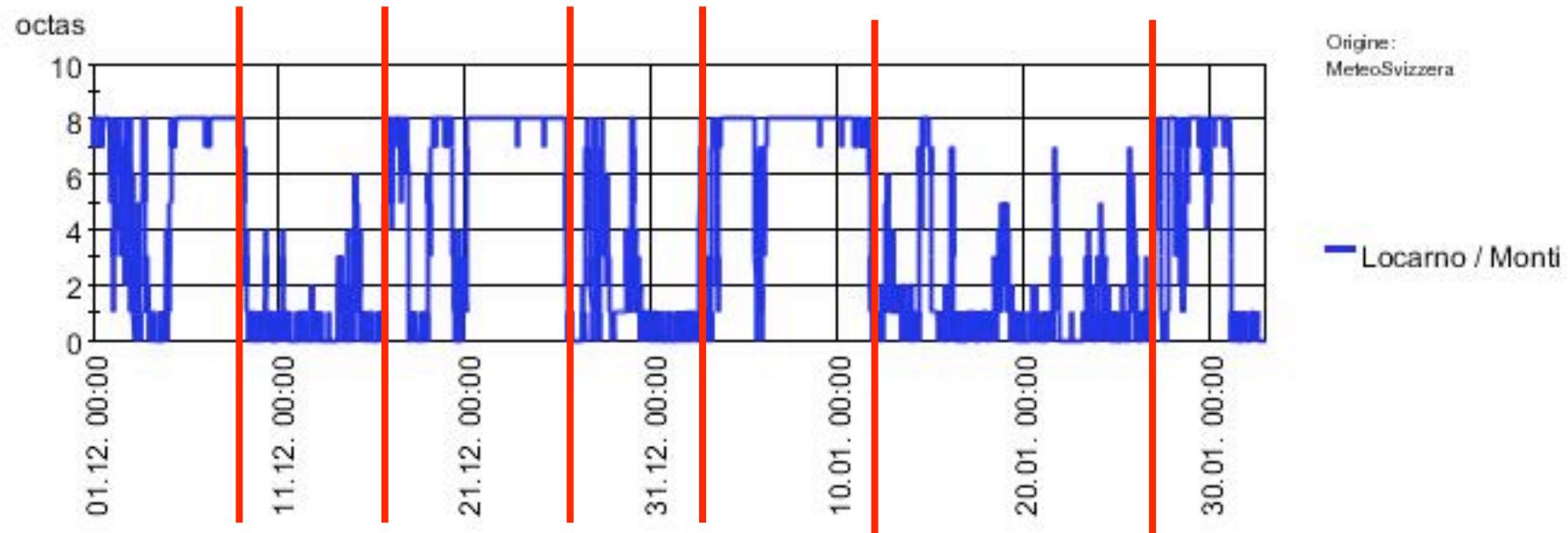
Monthly Relative Sunshine Duration (%) Feb 2011





Nuvolosità

Nuvolosità; computata APCADA [octas] 01.12.2010 00:00 UTC - 01.02.2011 23:50 UTC





30.12.2010, foto: Luca Nisi



31.12.2010, foto: Luca Nisi



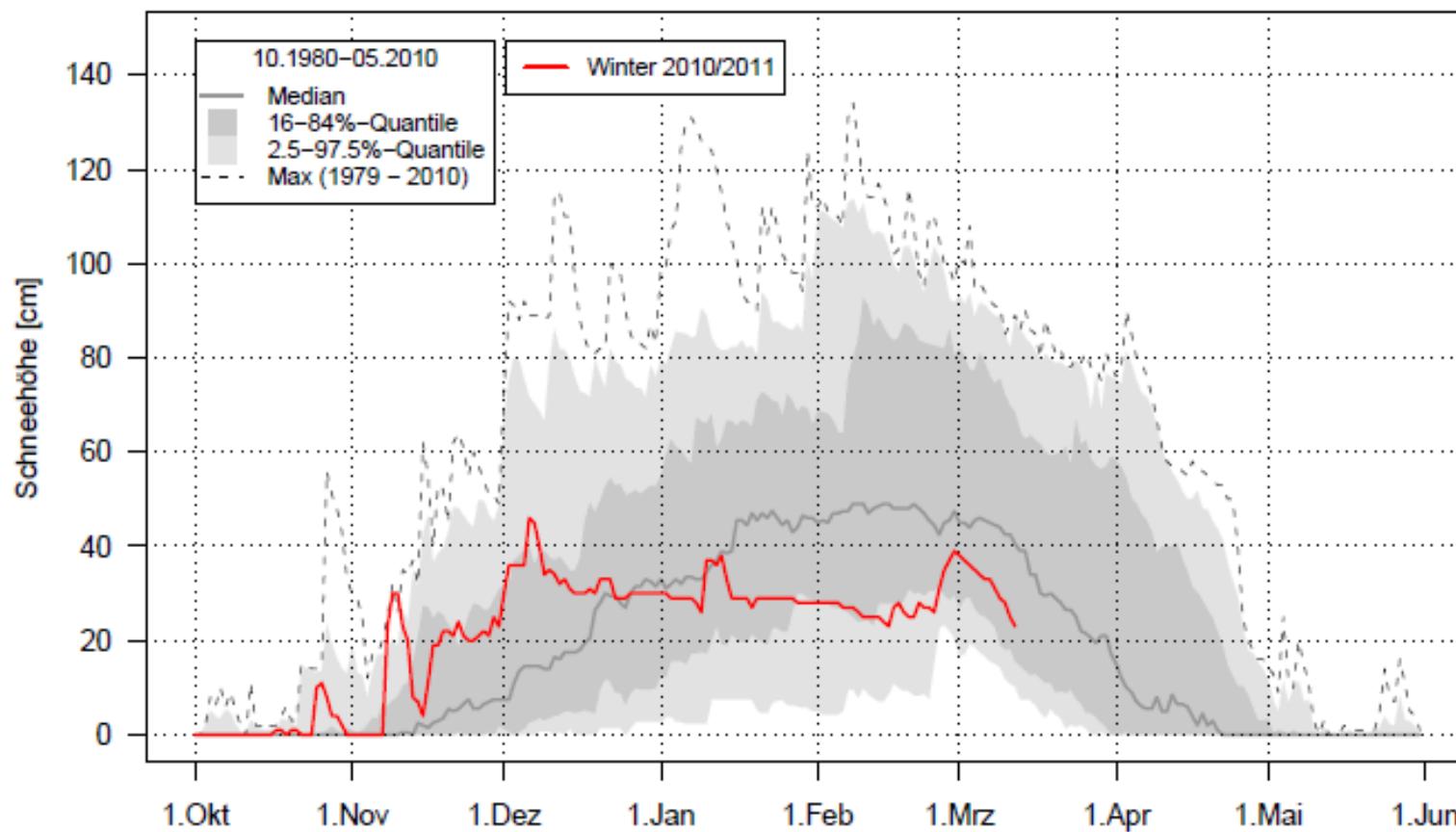
foto: Luca Nisi



Altezza della neve: Samedan

Schneehöhenverlauf Samedan (1709 m ü.M.)

Wintersaison 2010/2011 (01. Oktober – 12. März)

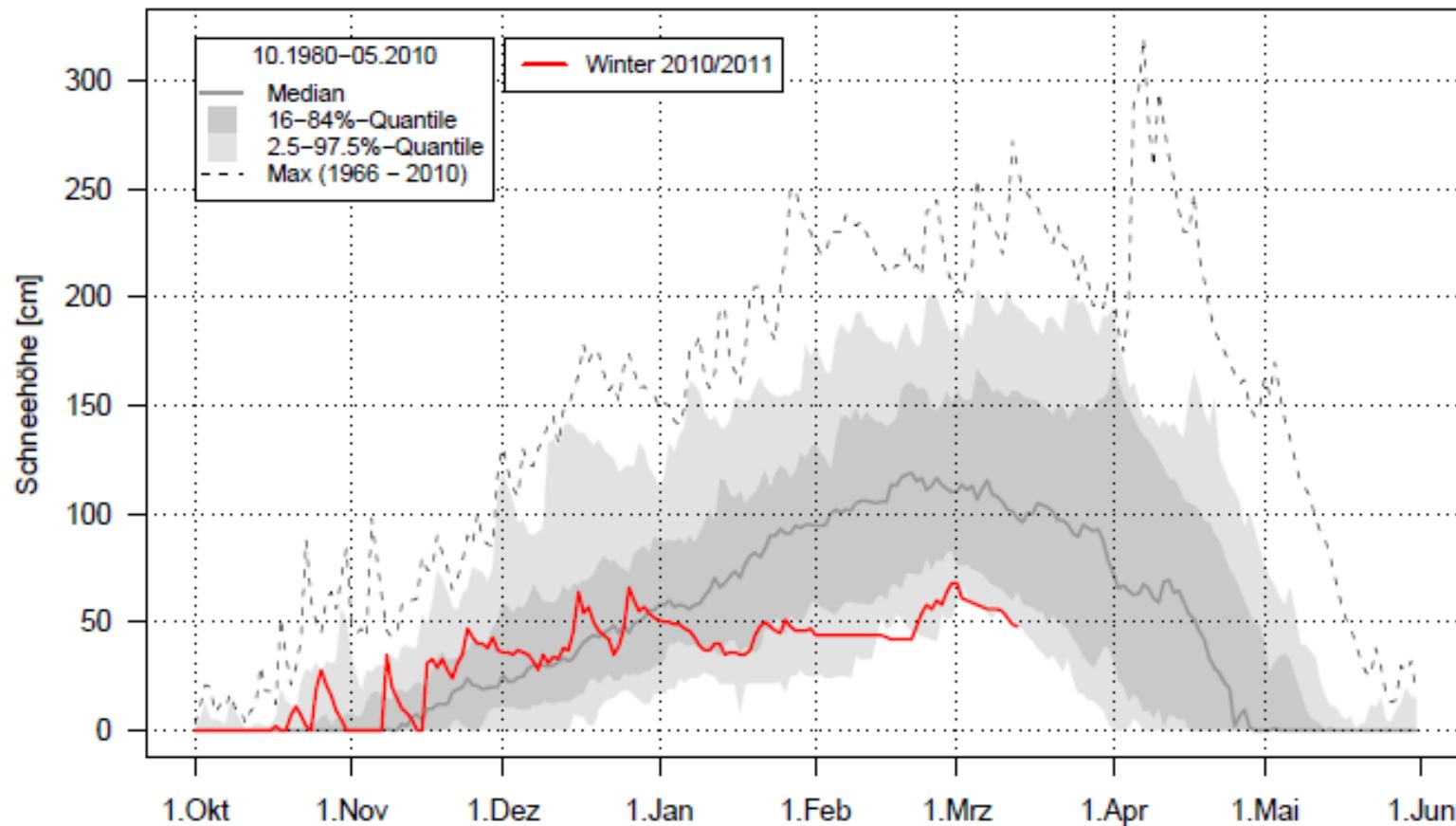




Altezza della neve: Samedan

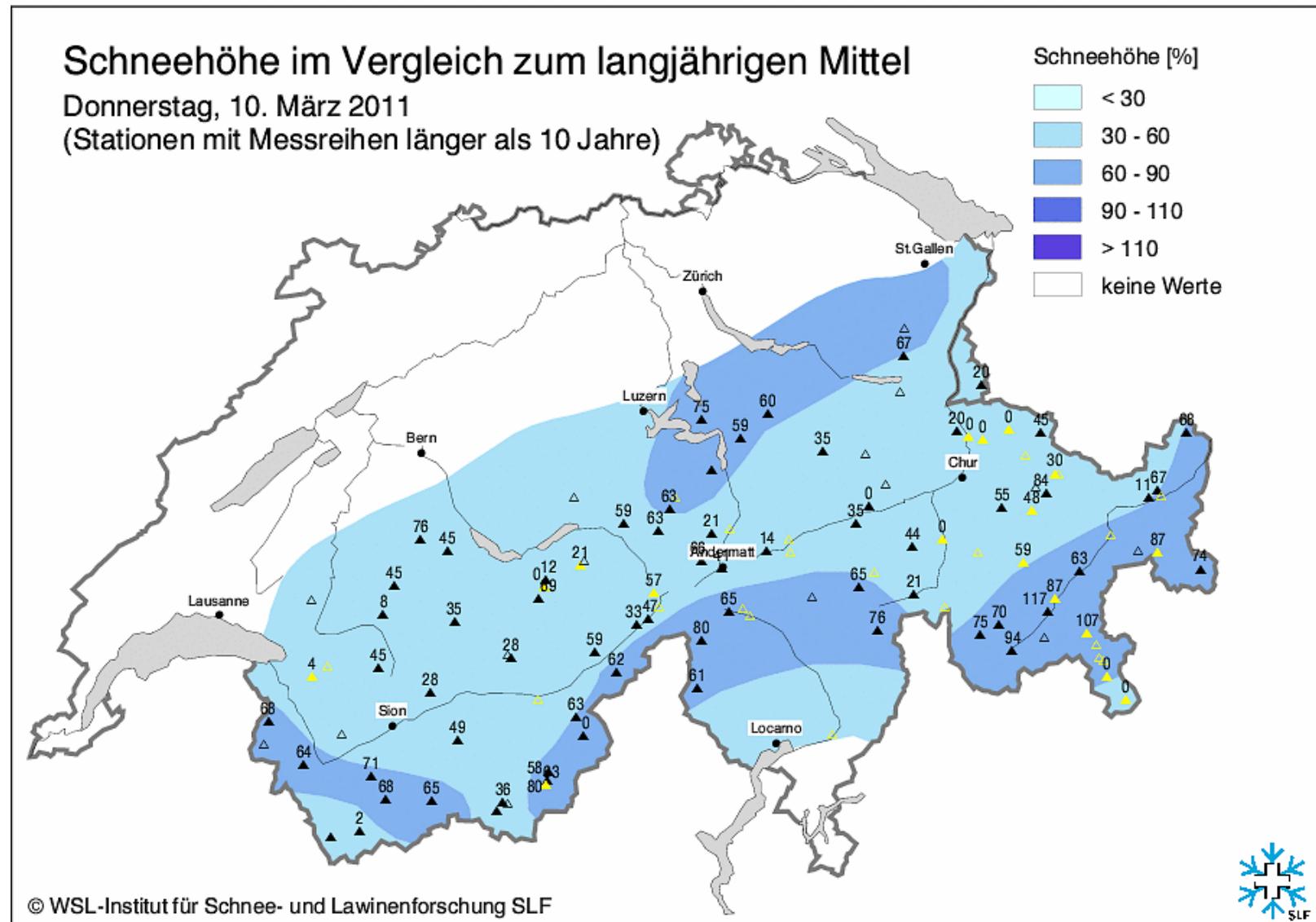
Schneehöhenverlauf Andermatt (1442 m ü.M.)

Wintersaison 2010/2011 (01. Oktober – 13. März)



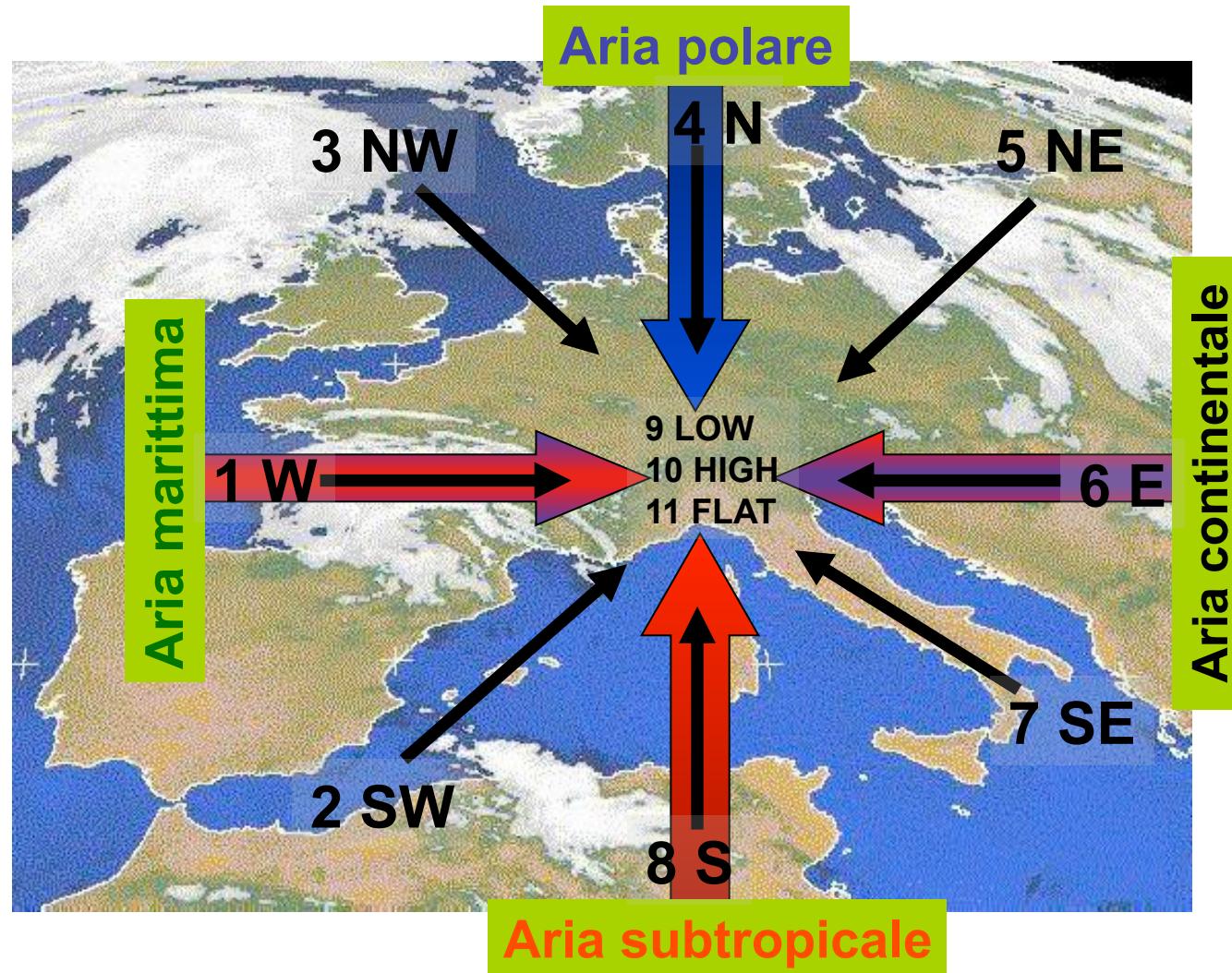


Altezza della neve rispetto alla media



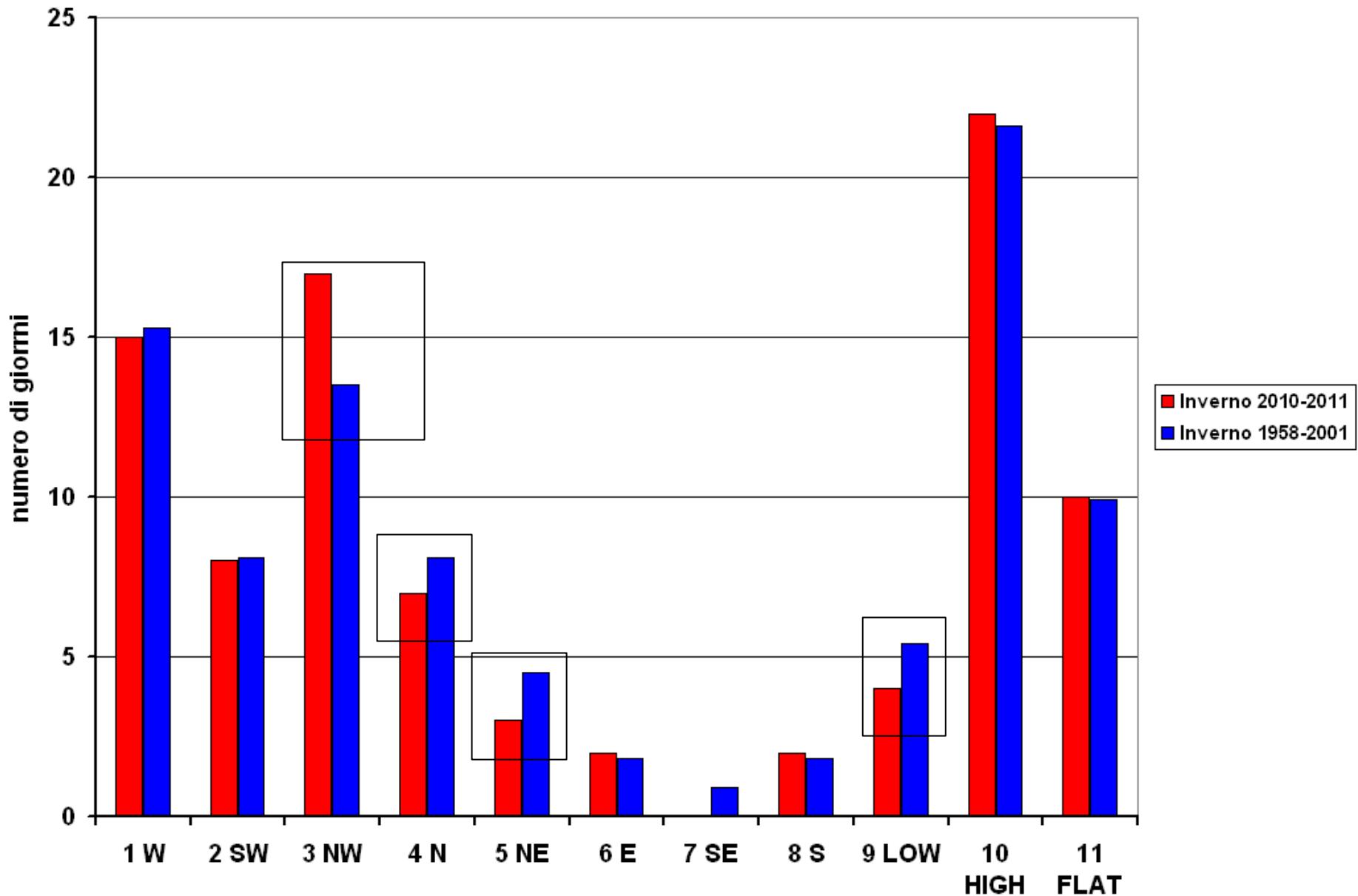


Massa d'aria diverse, tempo diverso, situazioni diverse



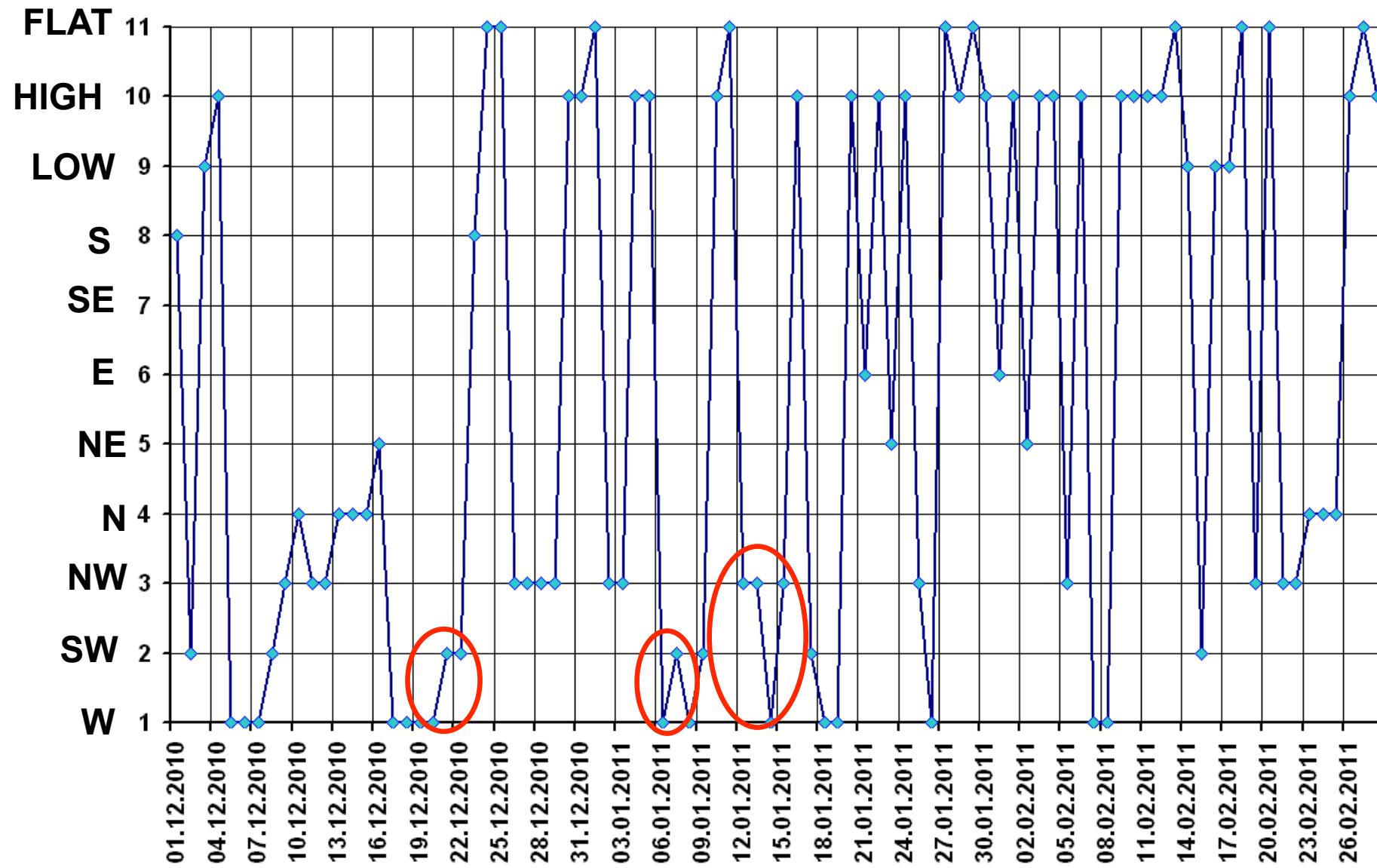


Le situazioni dell'inverno 2010-2011



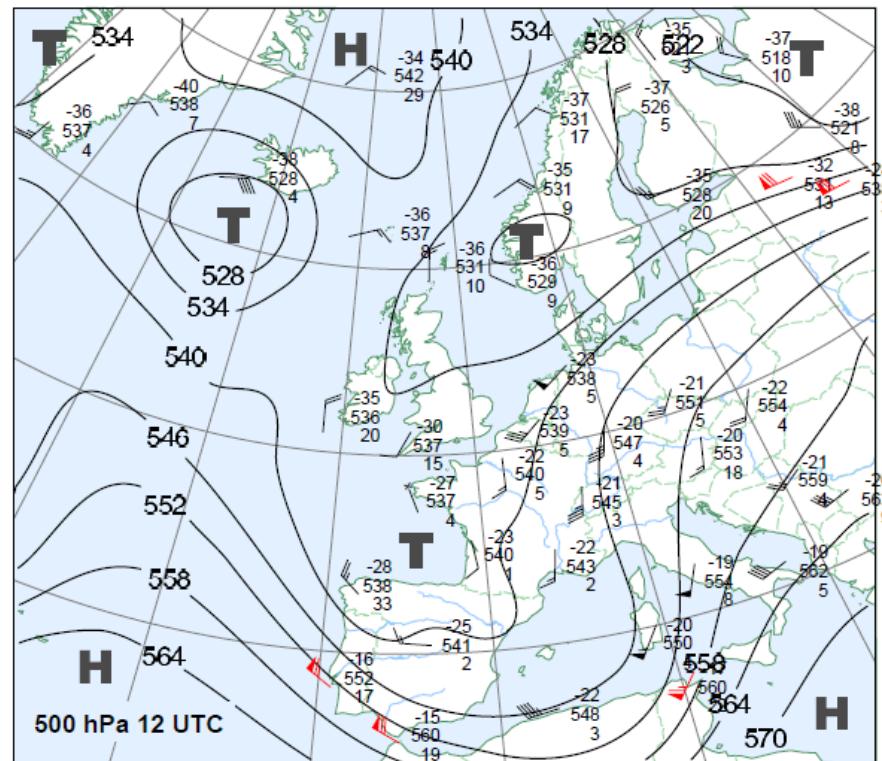
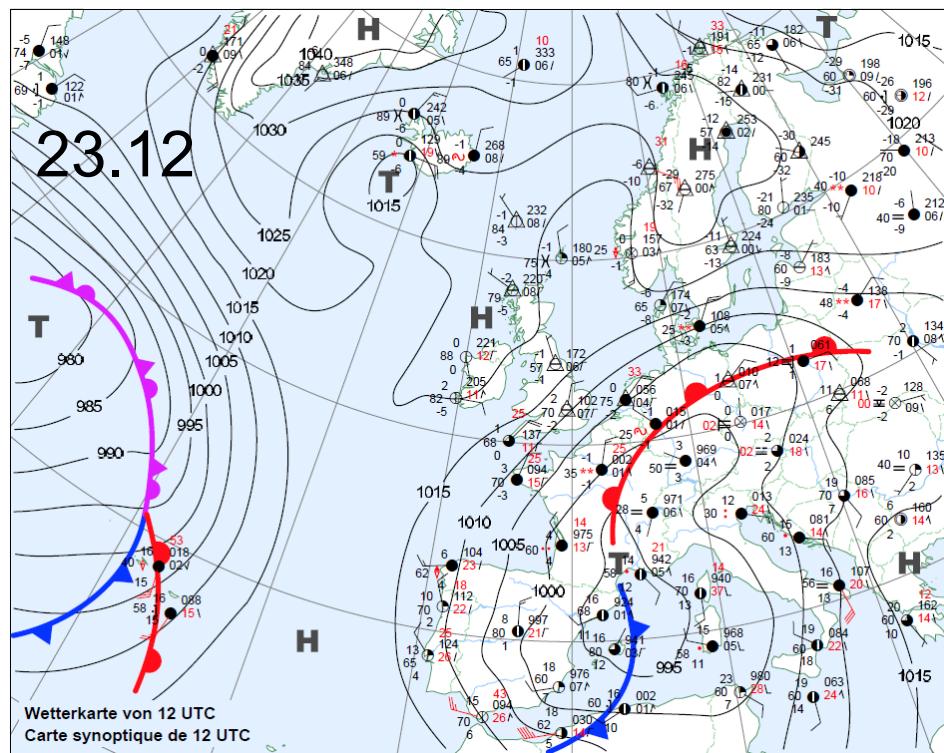


Le situazioni dell'inverno 2010-2011





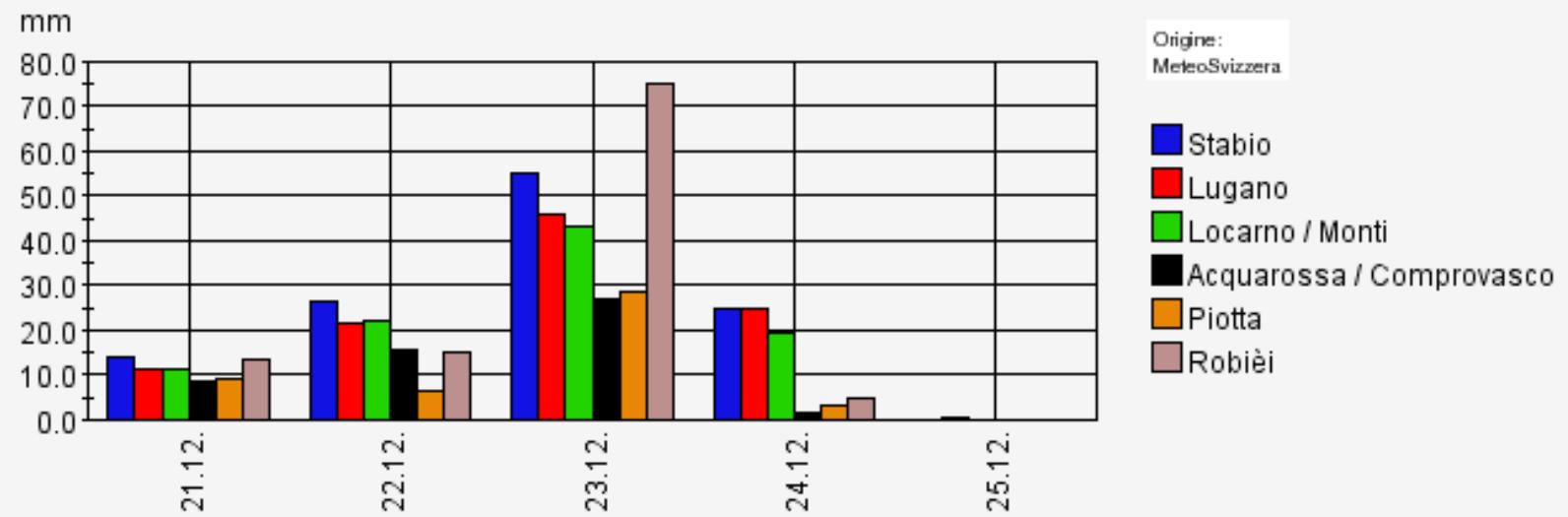
21-24.12.2011



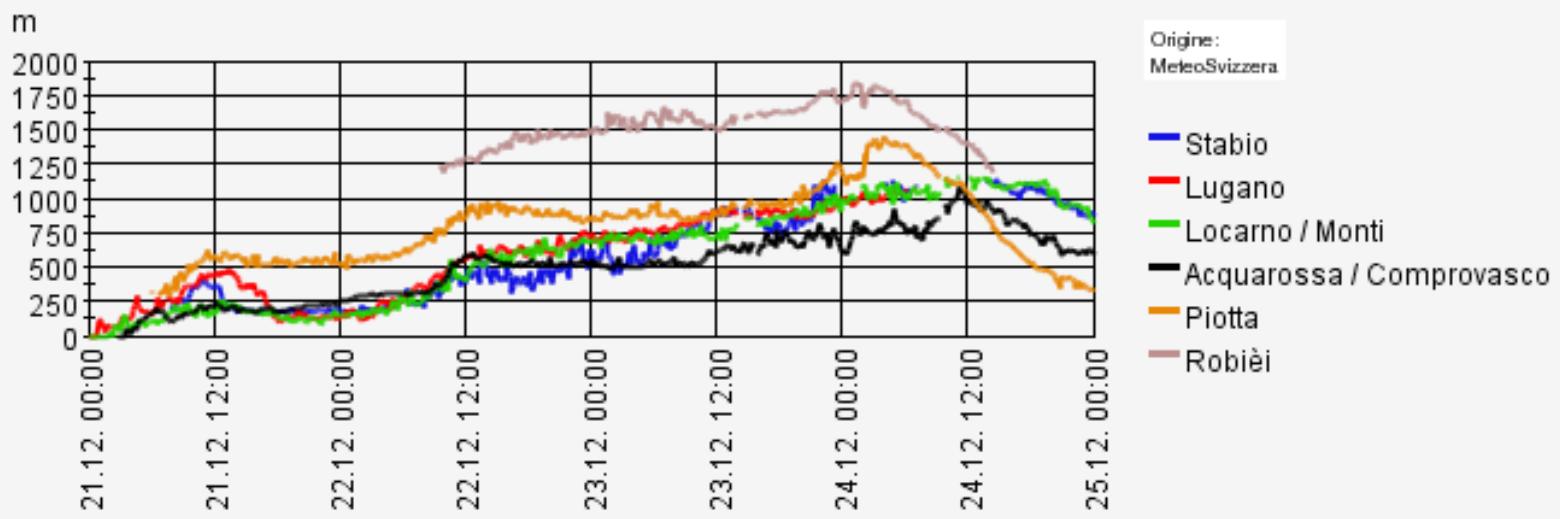


21-24.12.2011

Precipitazioni; somma giornaliera civile [mm] 21.12.2010 - 25.12.2010

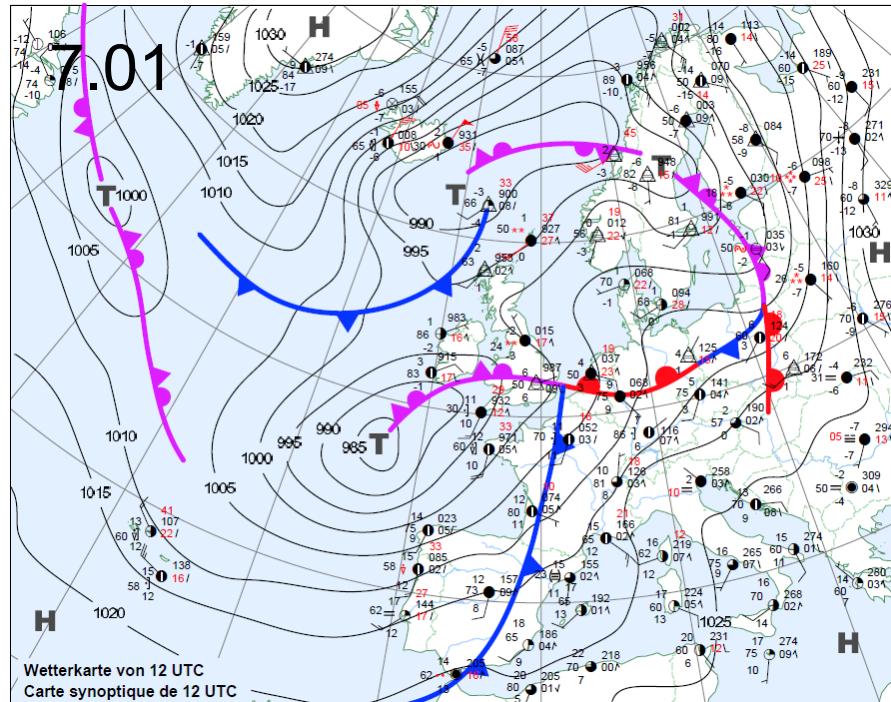
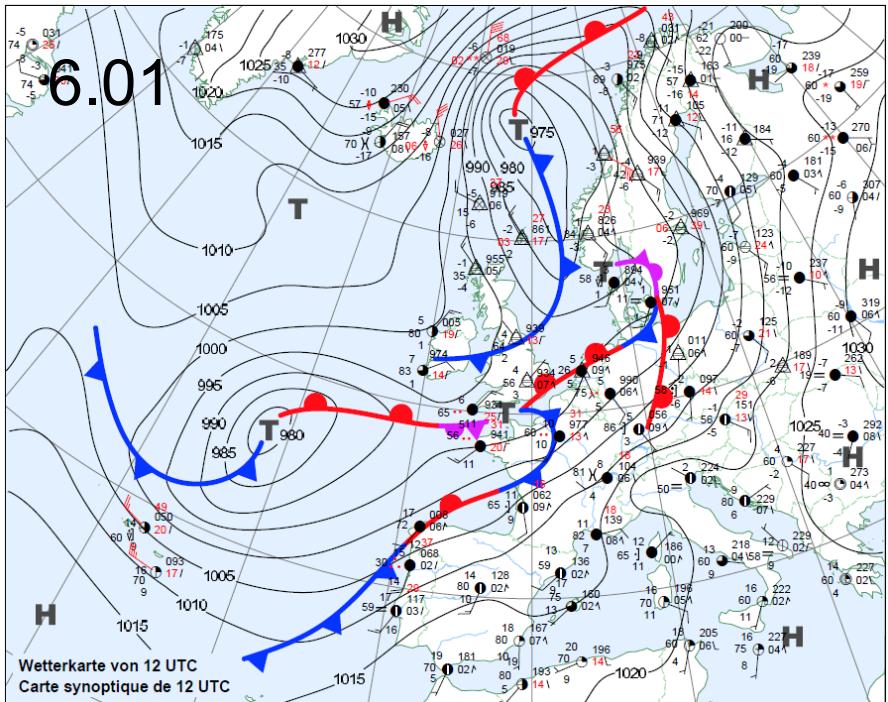


Limite della neve; computato [m] 21.12.2010 00:00 UTC - 25.12.2010 00:00 UTC





6-8.01.2011: gelicidio



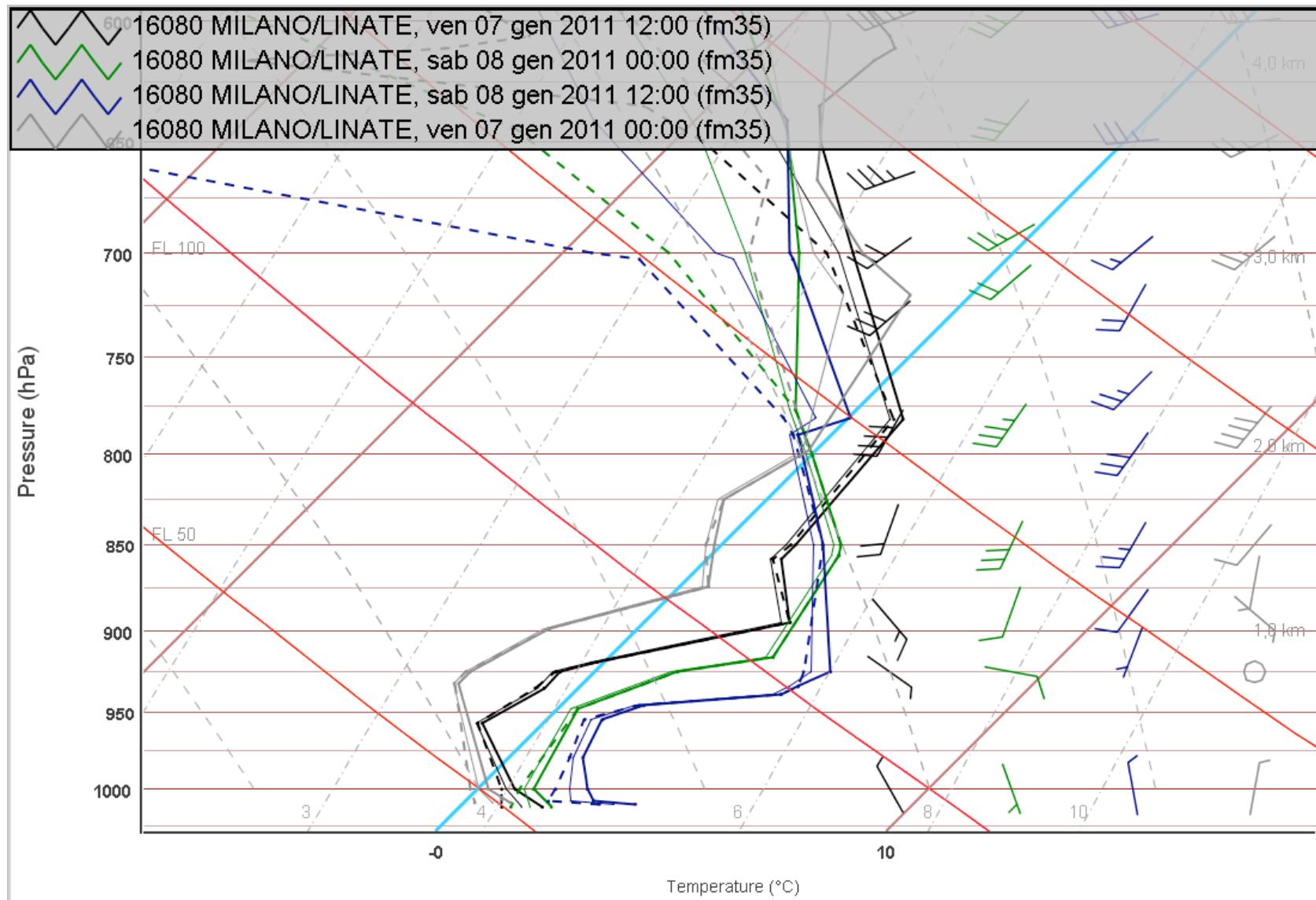


7-8.01.2011: gelicidio





7-8.01.2011: gelicidio

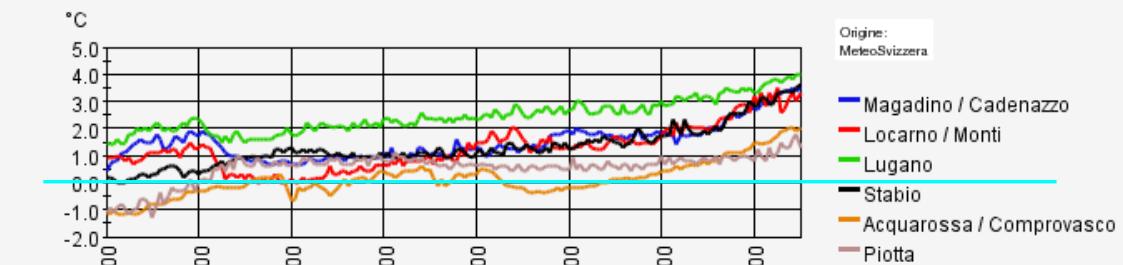




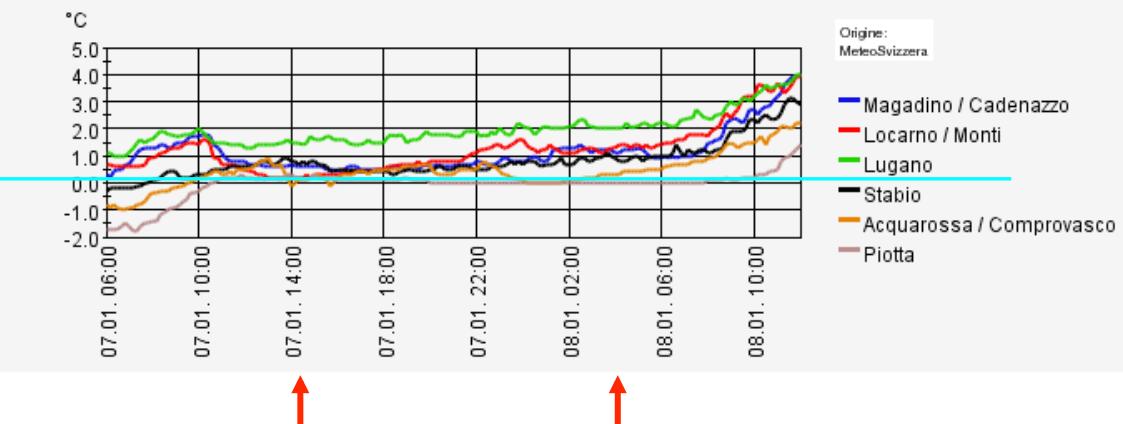
7-8.01.2011

450-1000 m

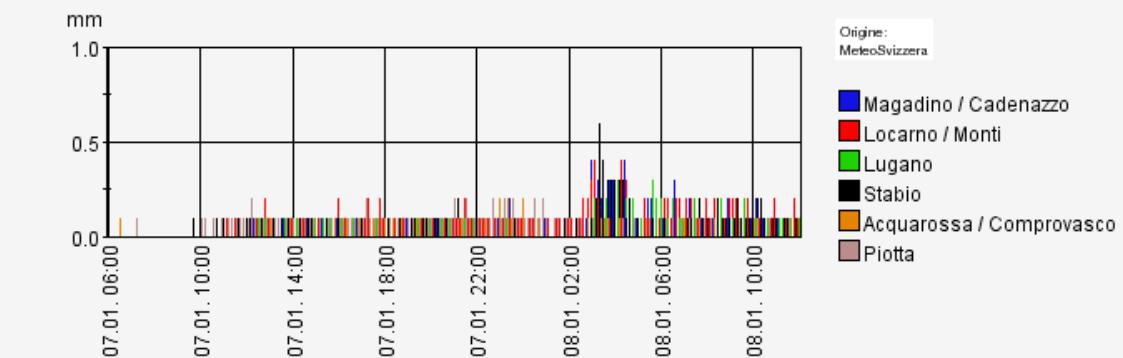
Temperatura dell'aria a 2 m; valore momentaneo [°C] 07.01.2011 06:00 UTC - 08.01.2011 12:00 UTC



Temperatura 5 cm sull'erba; valore momentaneo [°C] 07.01.2011 06:00 UTC - 08.01.2011 12:00 UTC

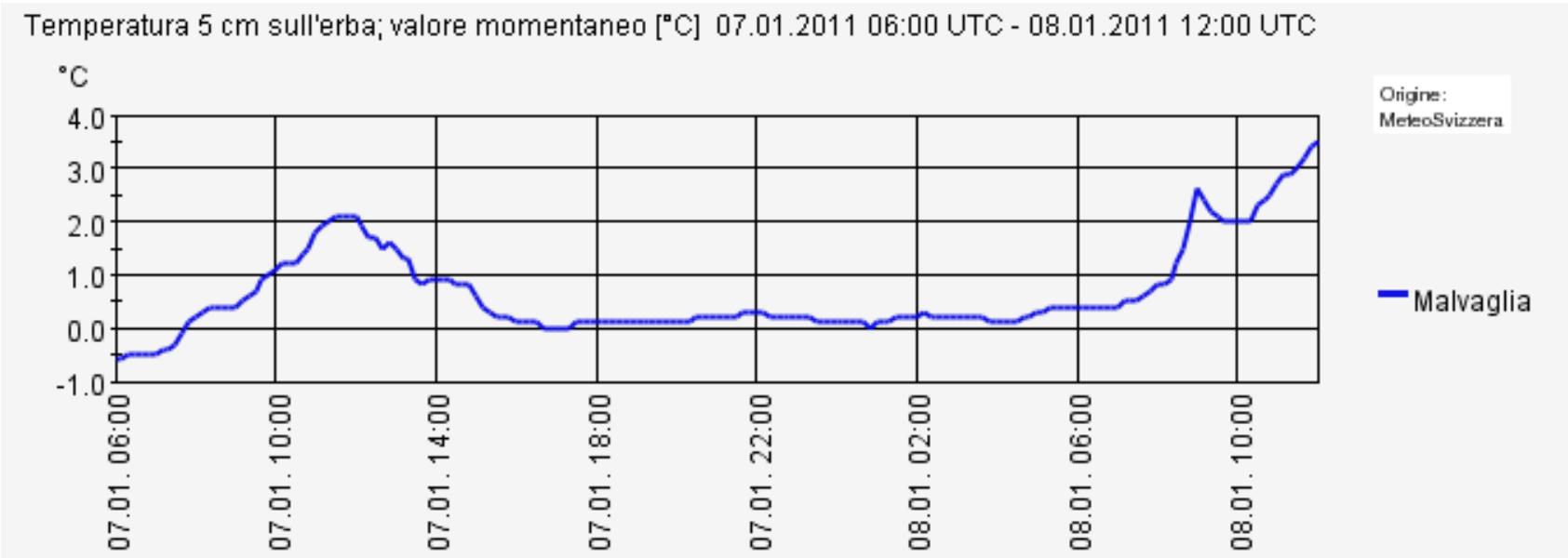


Precipitazioni; somma su dieci minuti [mm] 07.01.2011 06:00 UTC - 08.01.2011 12:00 UTC



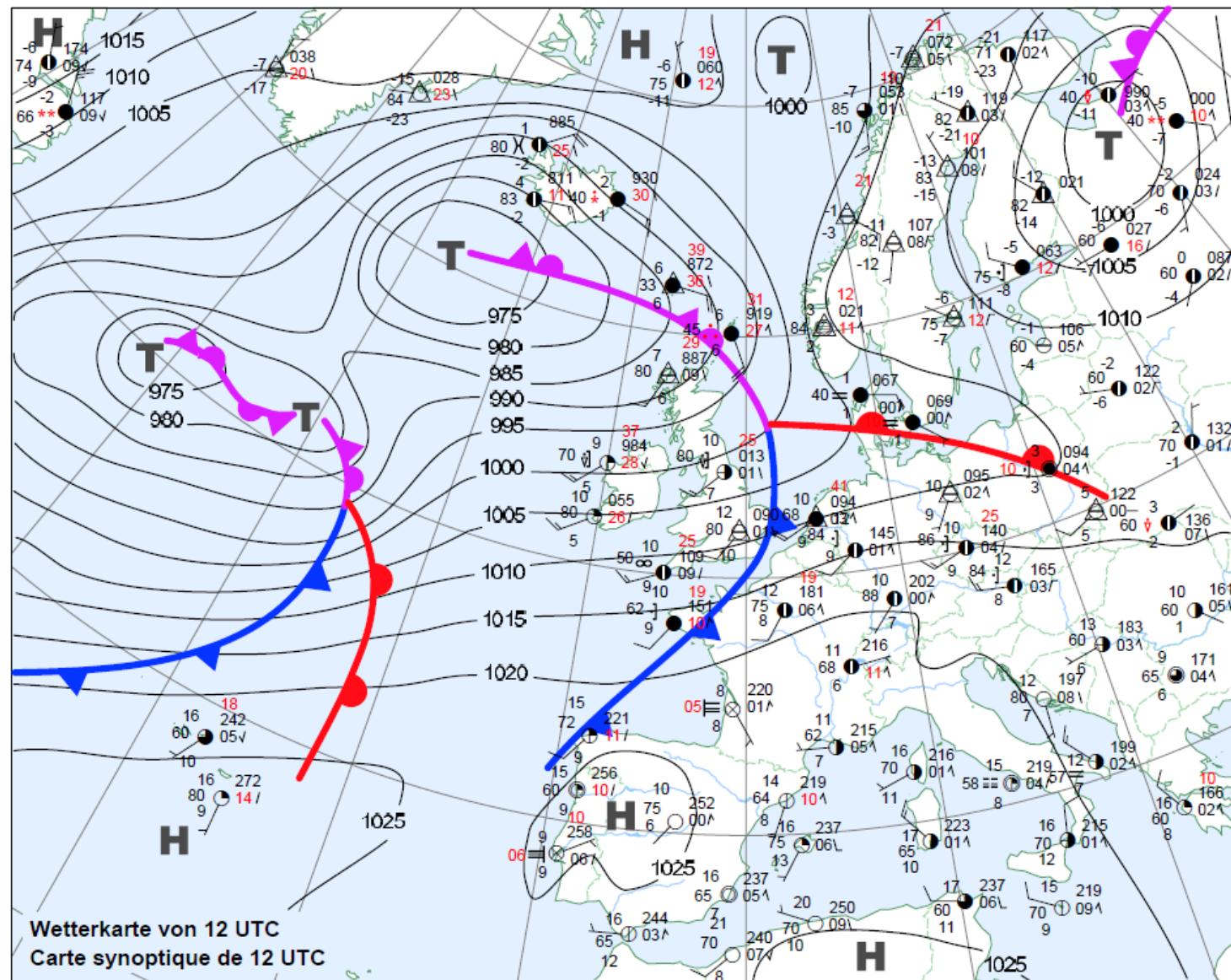


7-8.01.2011: un gelicidio insolito



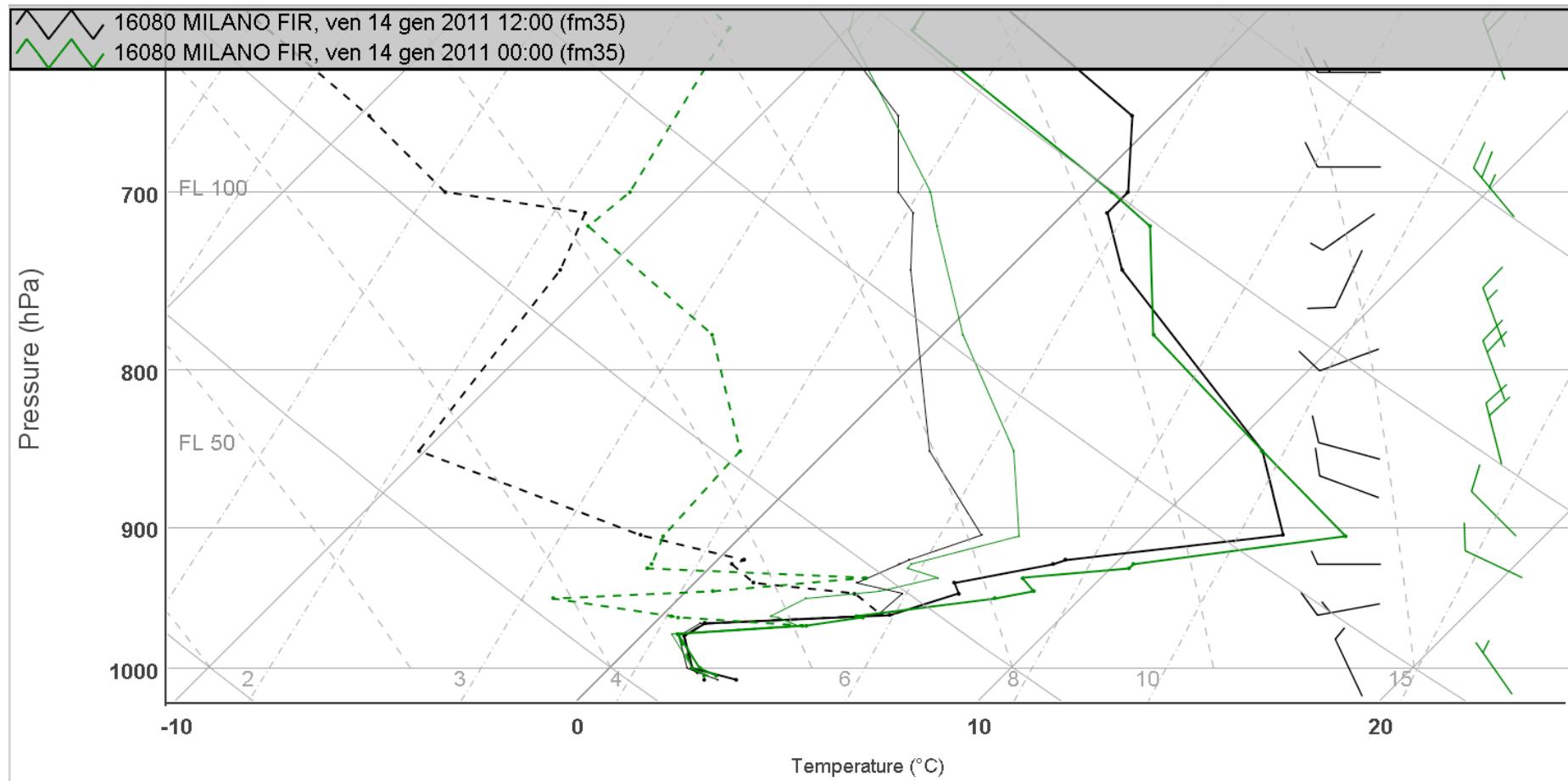


14.01.2011





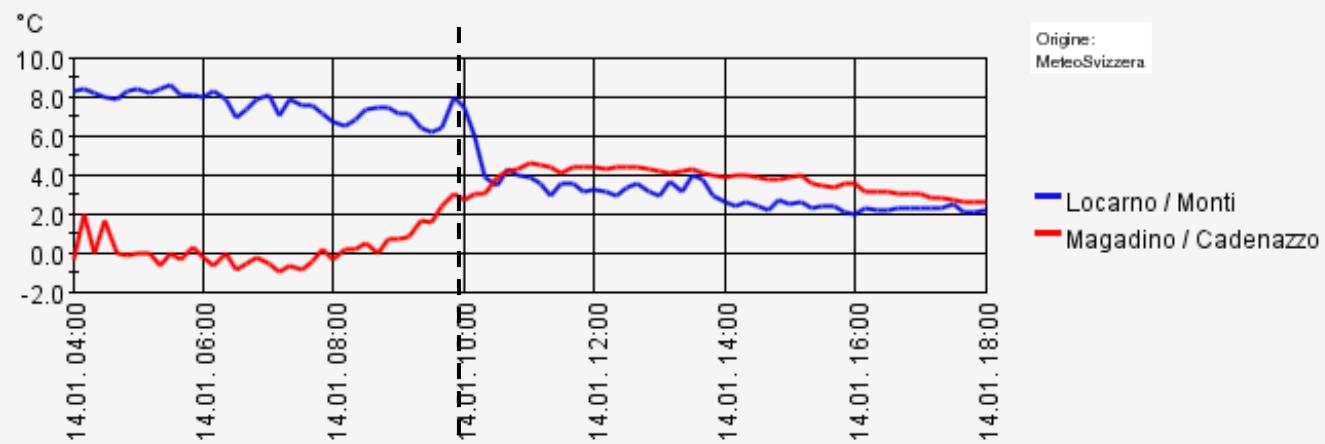
14.01.2011



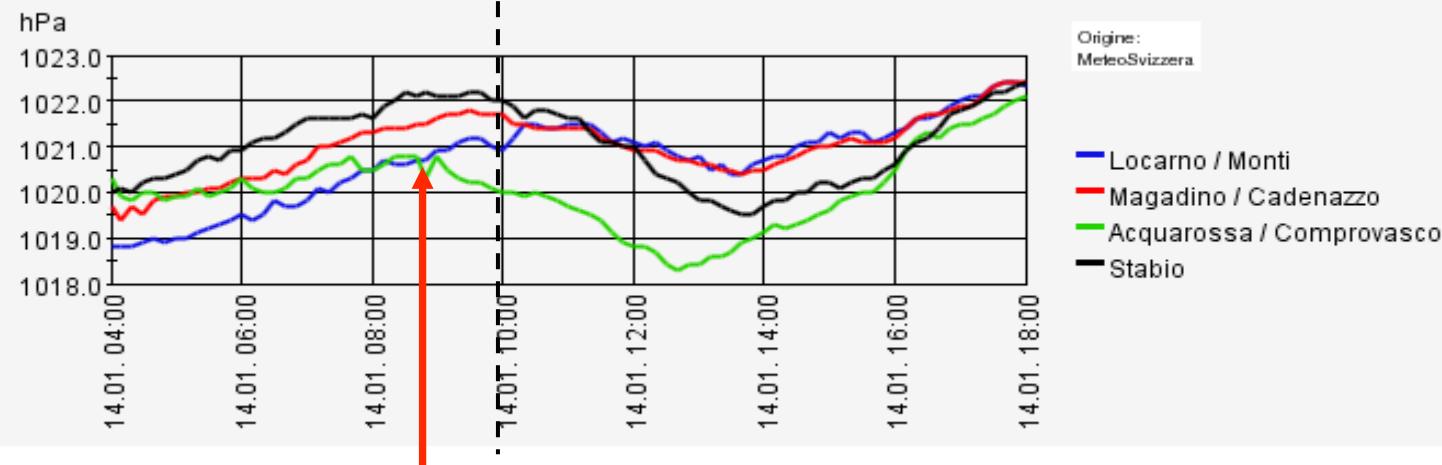


14.01.2011

Temperatura dell'aria a 2 m; valore momentaneo [°C] 14.01.2011 04:00 UTC - 14.01.2011 18:00 UTC

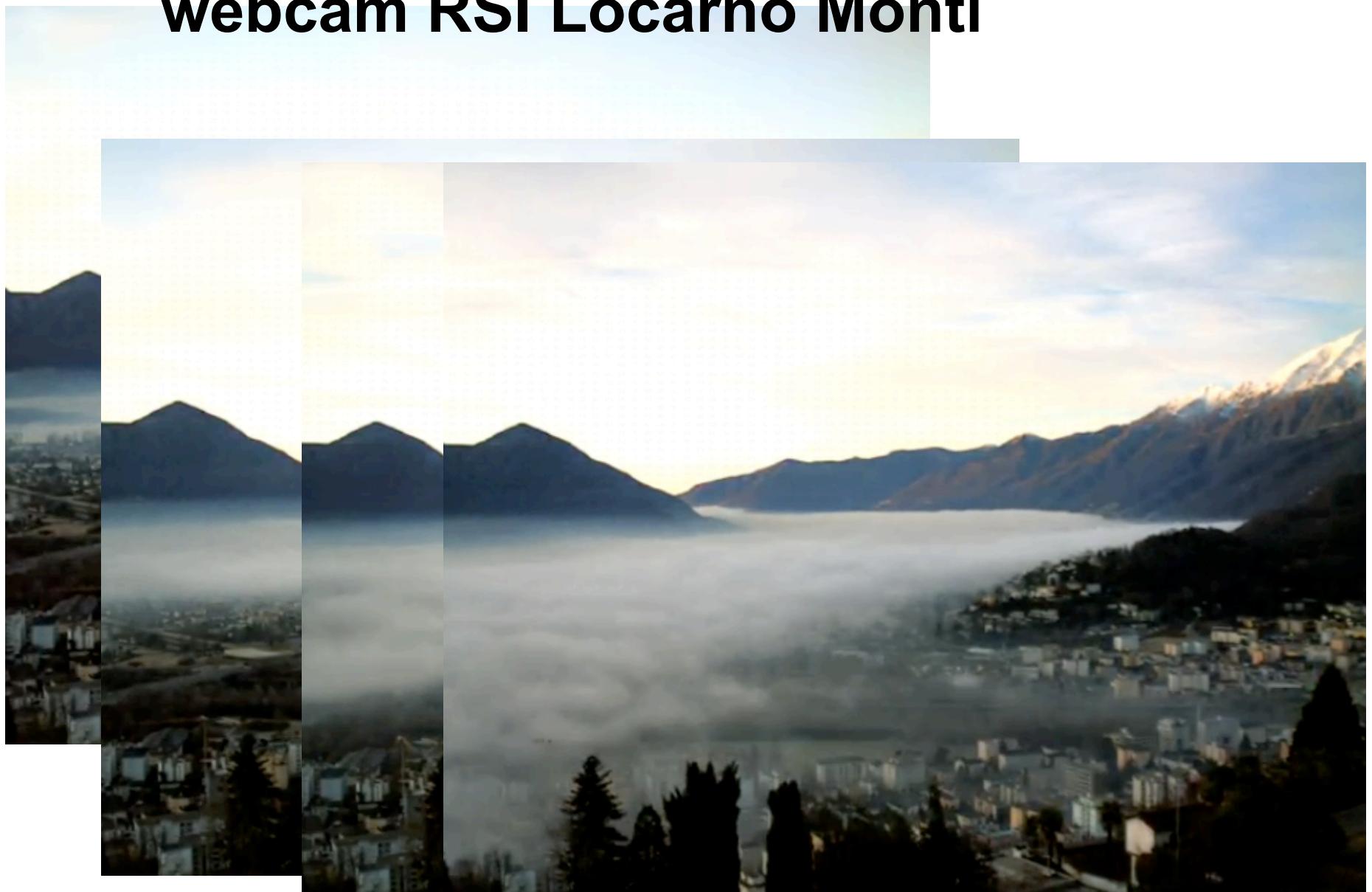


Pressione ridotta al livello del mare (QFF); valore momentaneo [hPa] 14.01.2011 04:00 UTC - 14.01.2011 18:00 UTC



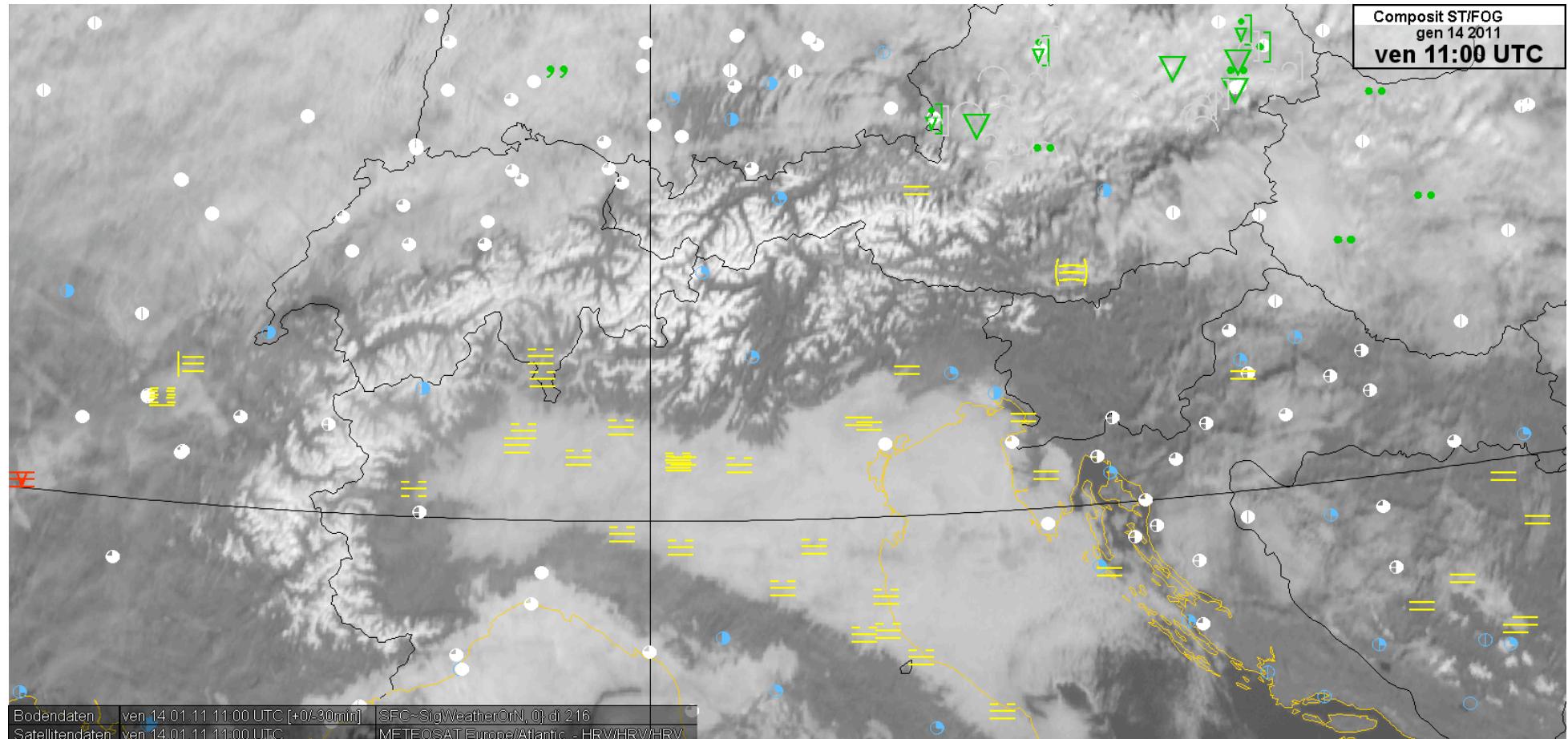


14.1.2011: 8:30-10:00
webcam RSI Locarno Monti





14.01.2011



2011-01-14 05:40 UTC



MeteoSwiss

2011-01-14 06:40 UTC



MeteoSwiss

2011-01-14 07:40 UTC



MeteoSwiss

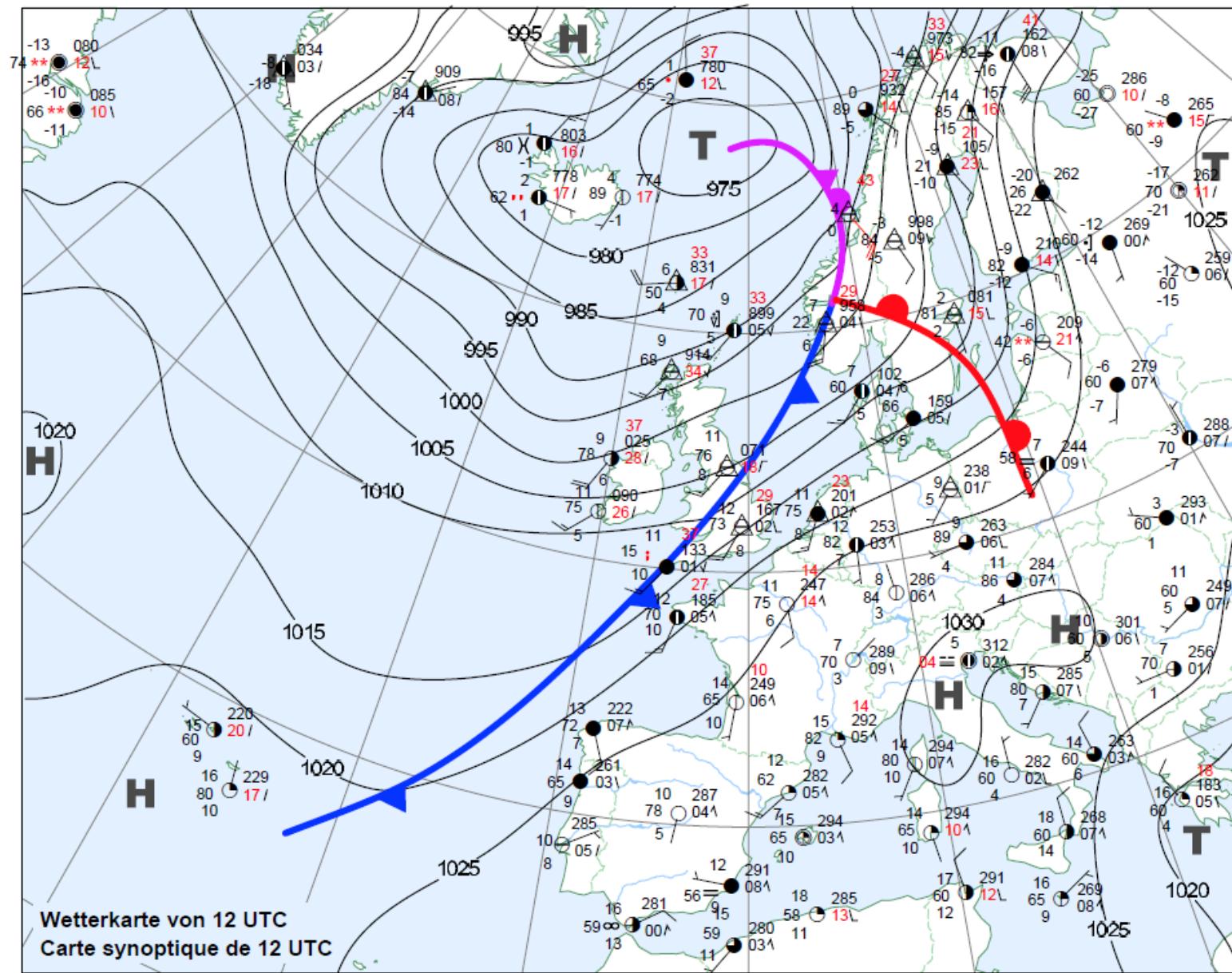
2011-01-14 09:40 UTC



MeteoSwiss



16.1.2011





16.1.2011

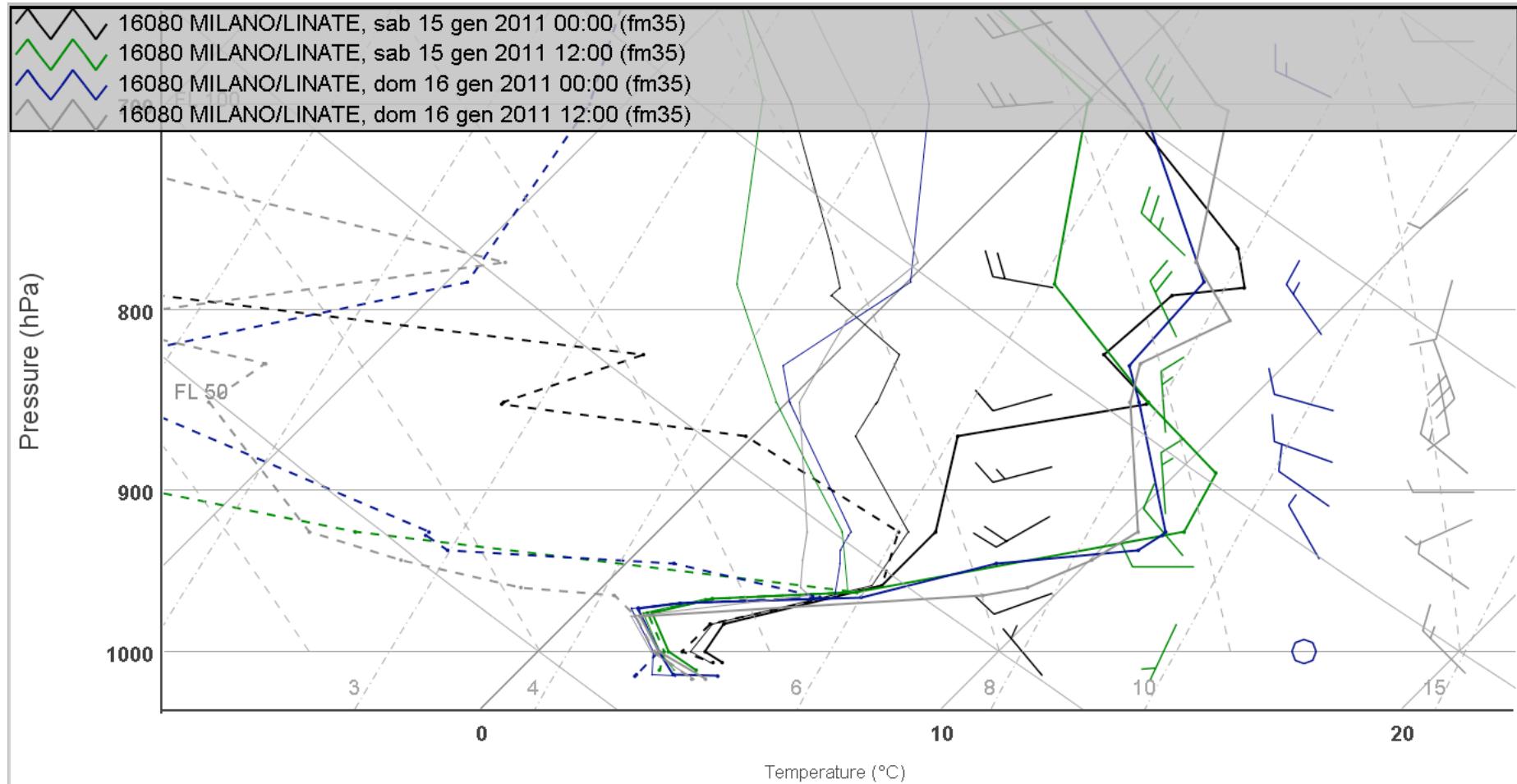




Foto: S. Zanini



Foto: S. Zanini



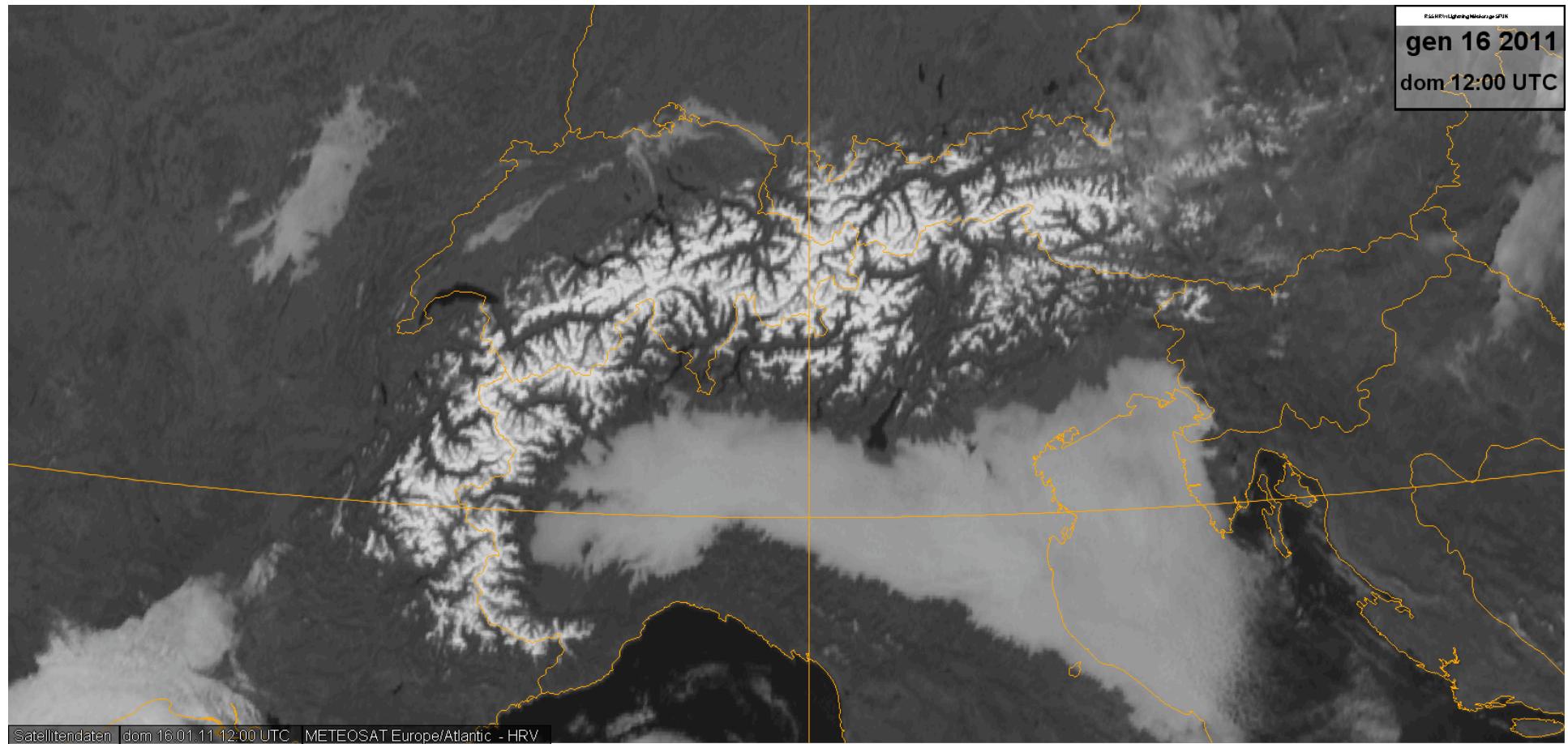
Foto: S. Zanini



Foto: S. Zanini



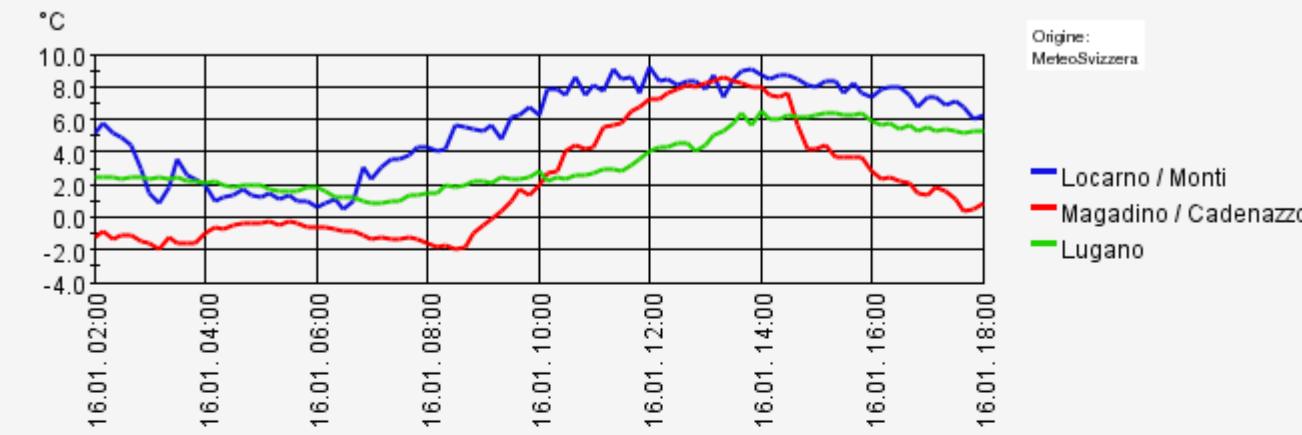
16.1.2011



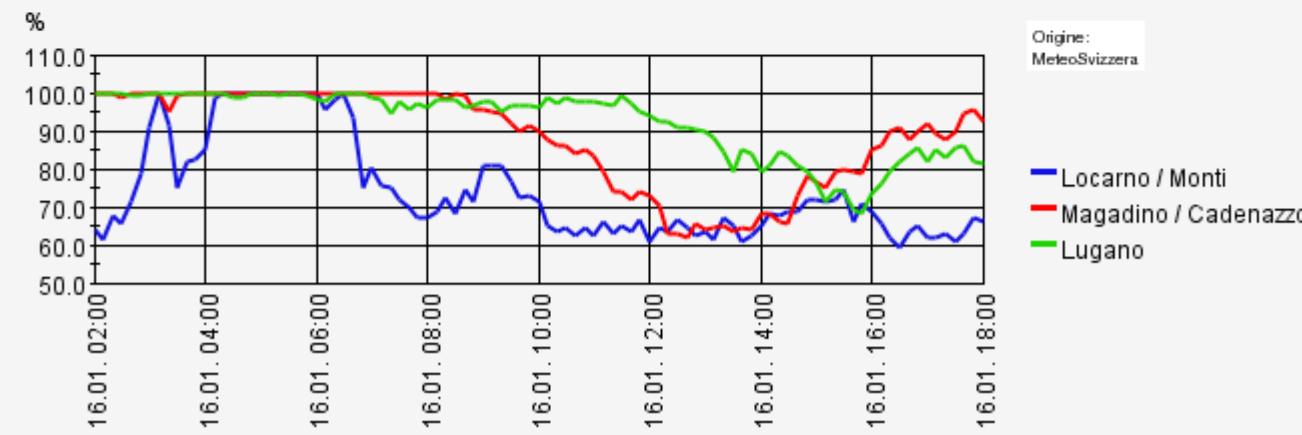


16.1.2011

Temperatura dell'aria a 2 m; valore momentaneo [°C] 16.01.2011 02:00 UTC - 16.01.2011 18:00 UTC

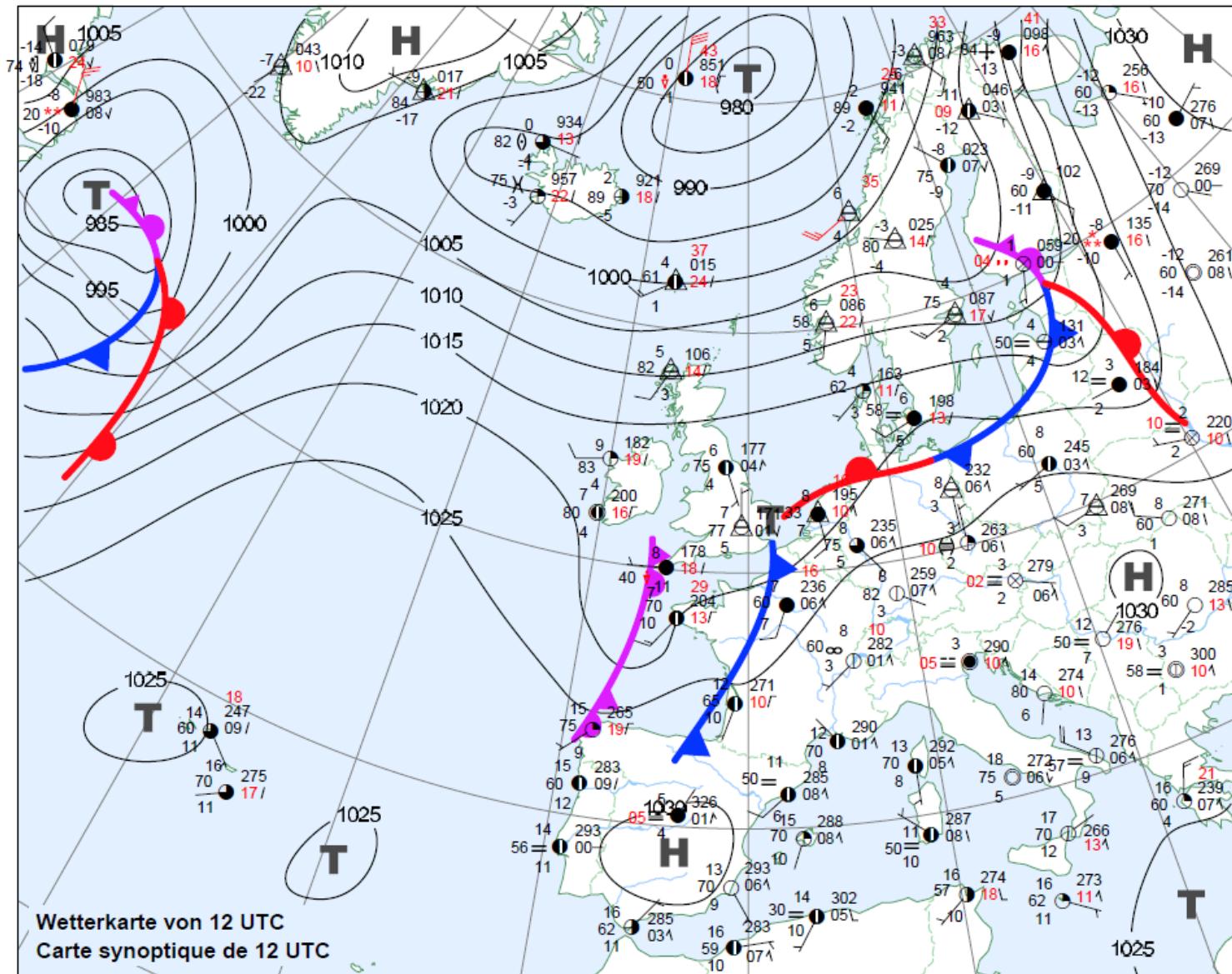


Umidità relativa dell'aria a 2 m; valore momentaneo [%] 16.01.2011 02:00 UTC - 16.01.2011 18:00 UTC



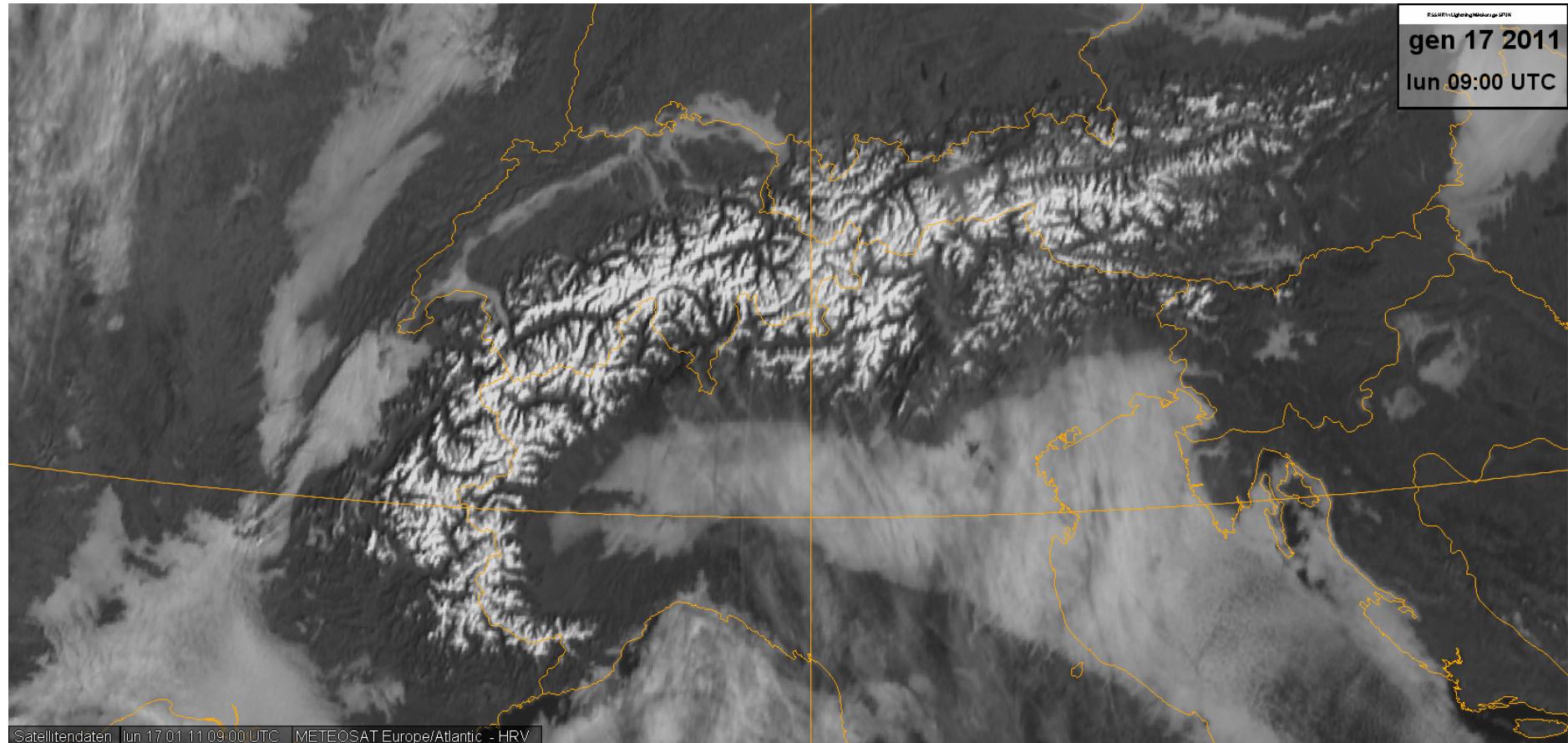


17.01.2011





17.1.2011





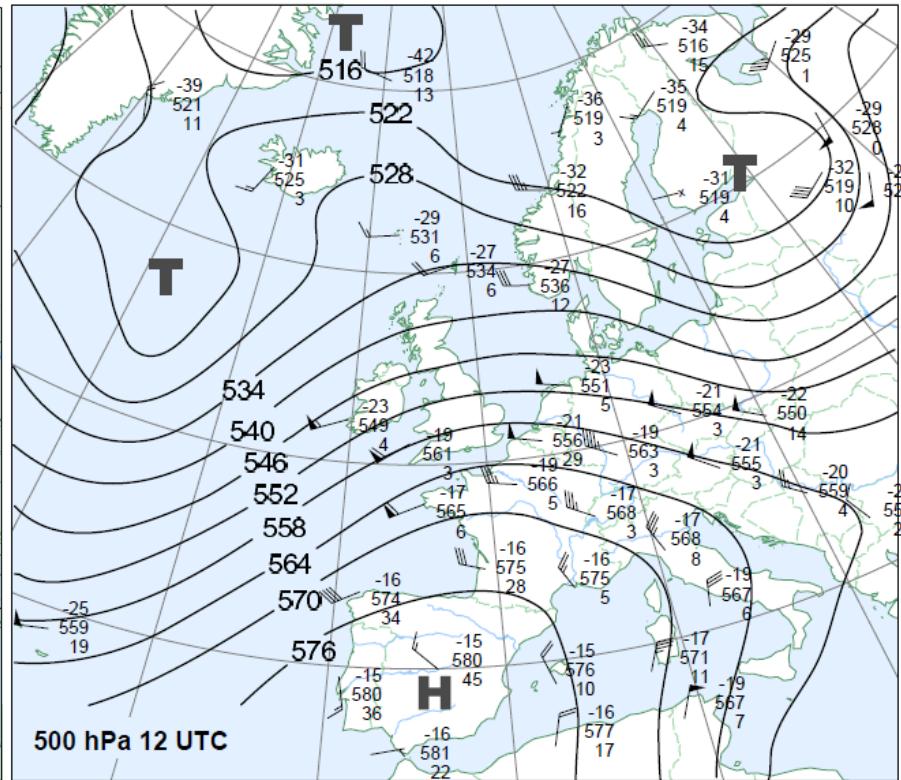
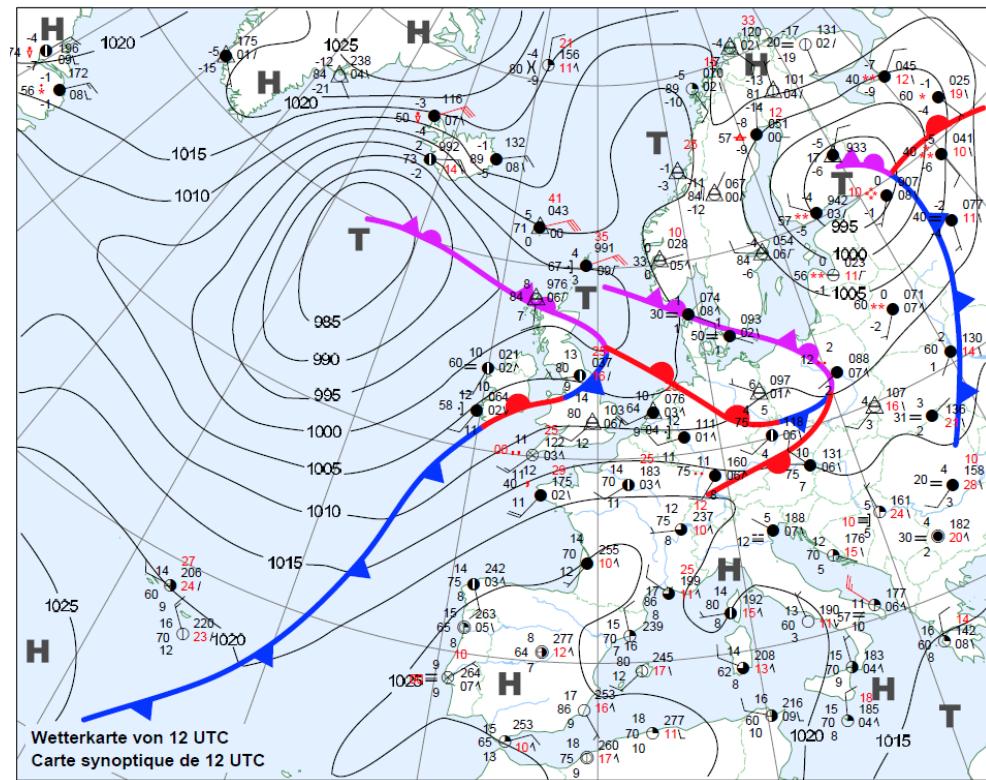
Links: www.meteosvizzera.ch

- http://www.meteosvizzera.admin.ch/web/it/meteo/attualita_sul_tempo/bianco_natale_2010.html
- http://www.meteosvizzera.admin.ch/web/it/meteo/attualita_sul_tempo/tempo-mite-gennaio2011.html
- http://www.meteosvizzera.admin.ch/web/it/meteo/attualita_sul_tempo/Caligine.html
- http://www.meteosvizzera.admin.ch/web/it/meteo/attualita_sul_tempo/Febbraio_mite.html
- http://www.meteosvizzera.admin.ch/web/it/meteo/attualita_sul_tempo/20110217.html
- http://www.meteosvizzera.admin.ch/web/it/clima/clima_oggi/archivio_rapporti.html

<http://www.meteoticino.ch/amicimeteo>

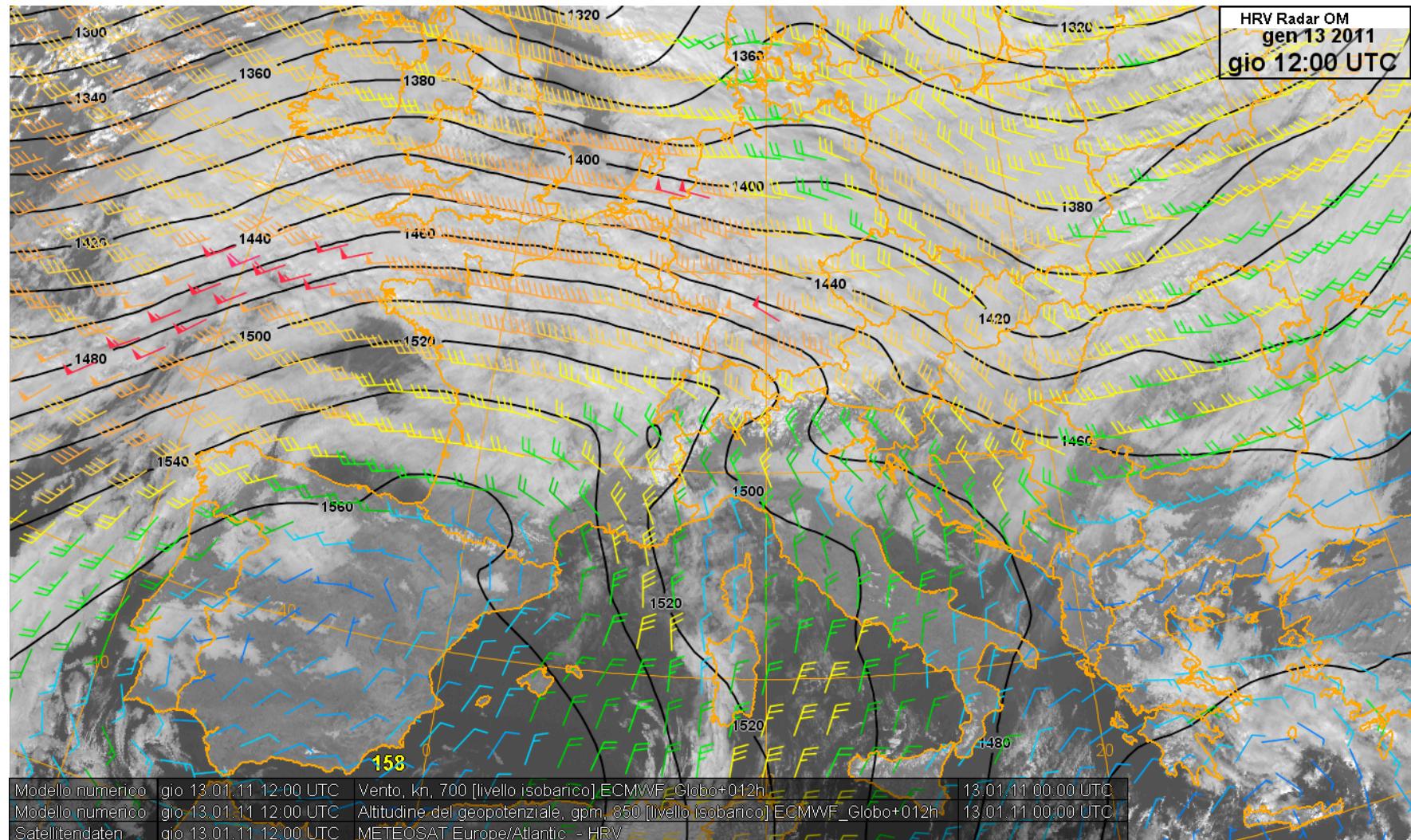


13.01.2011: situazione favonica?



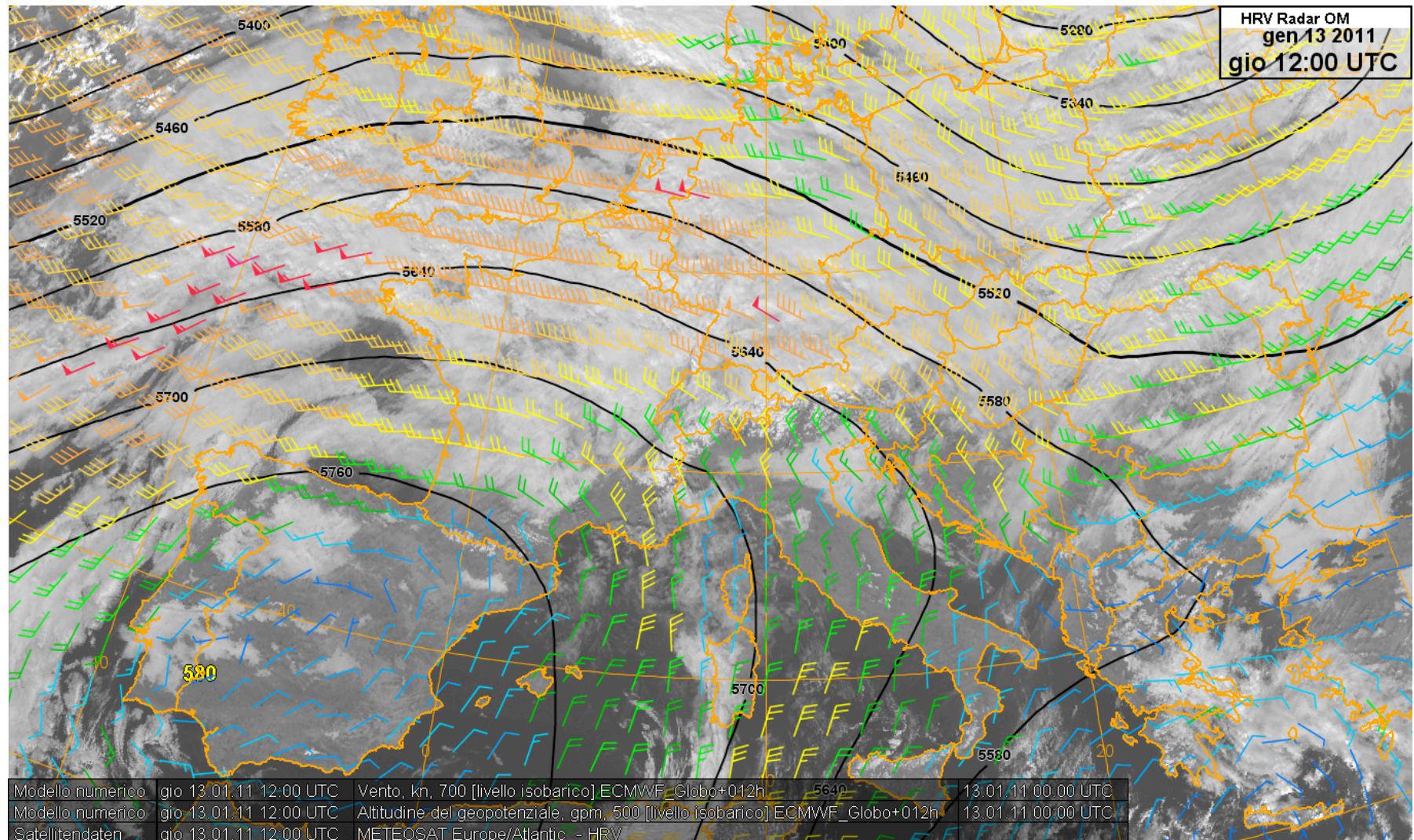


13.01.2011: Z@ 850 hPa



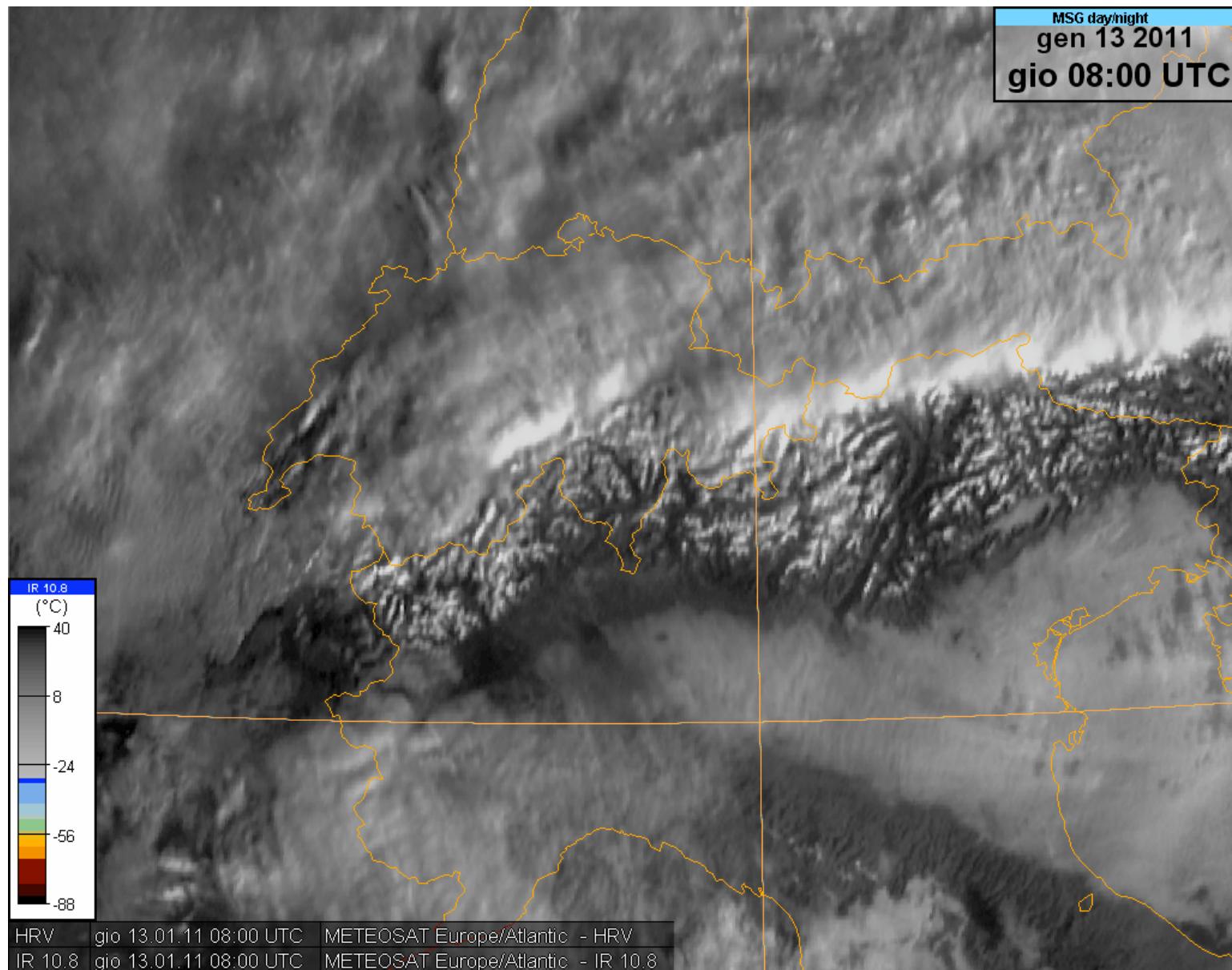


13.01.2011: Z @ 500 hPa



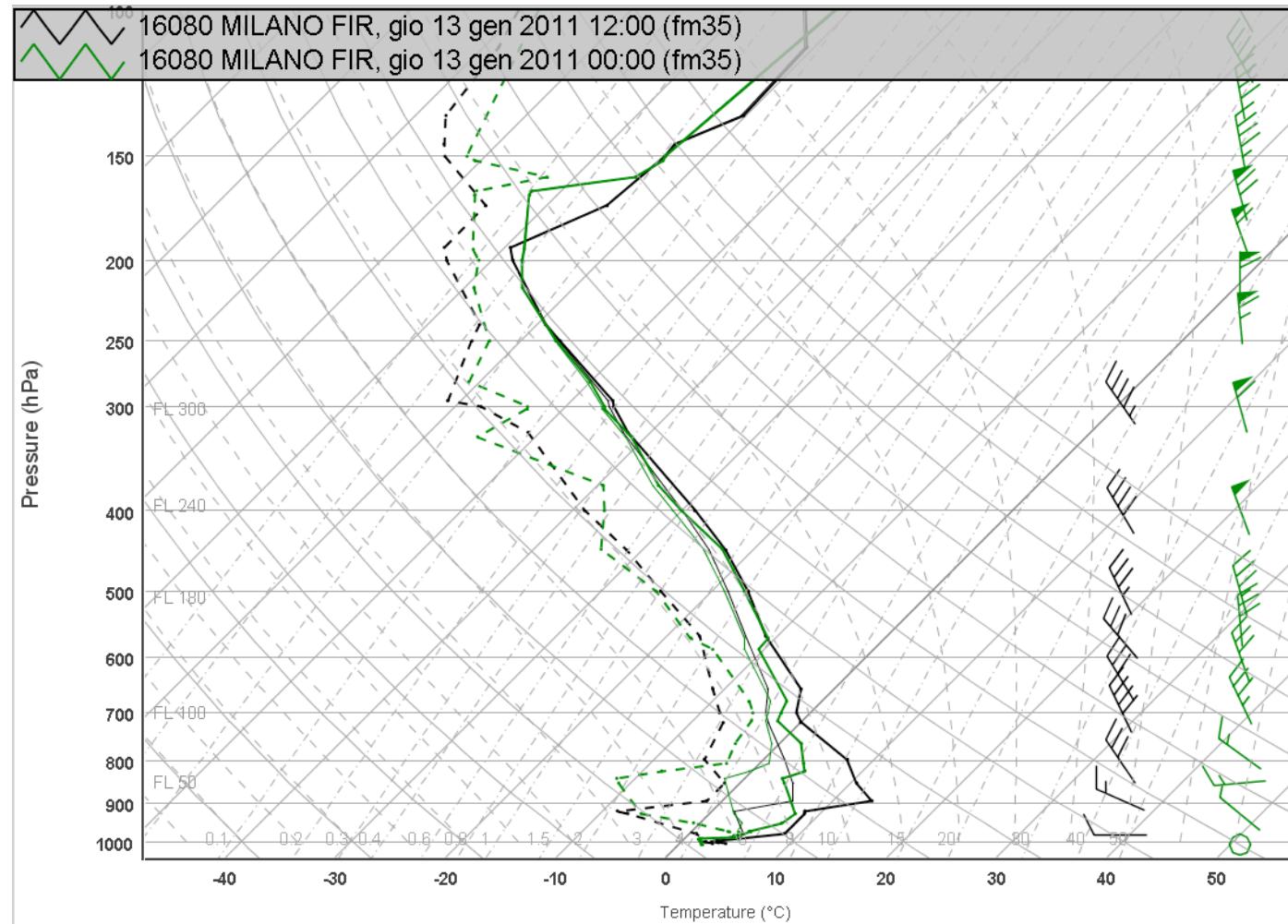


13.01.2011: satellite





13.01.2011: profili verticali





13.01.2011

