



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

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

Estate 2012



Beatrice scaccia Lucifer!

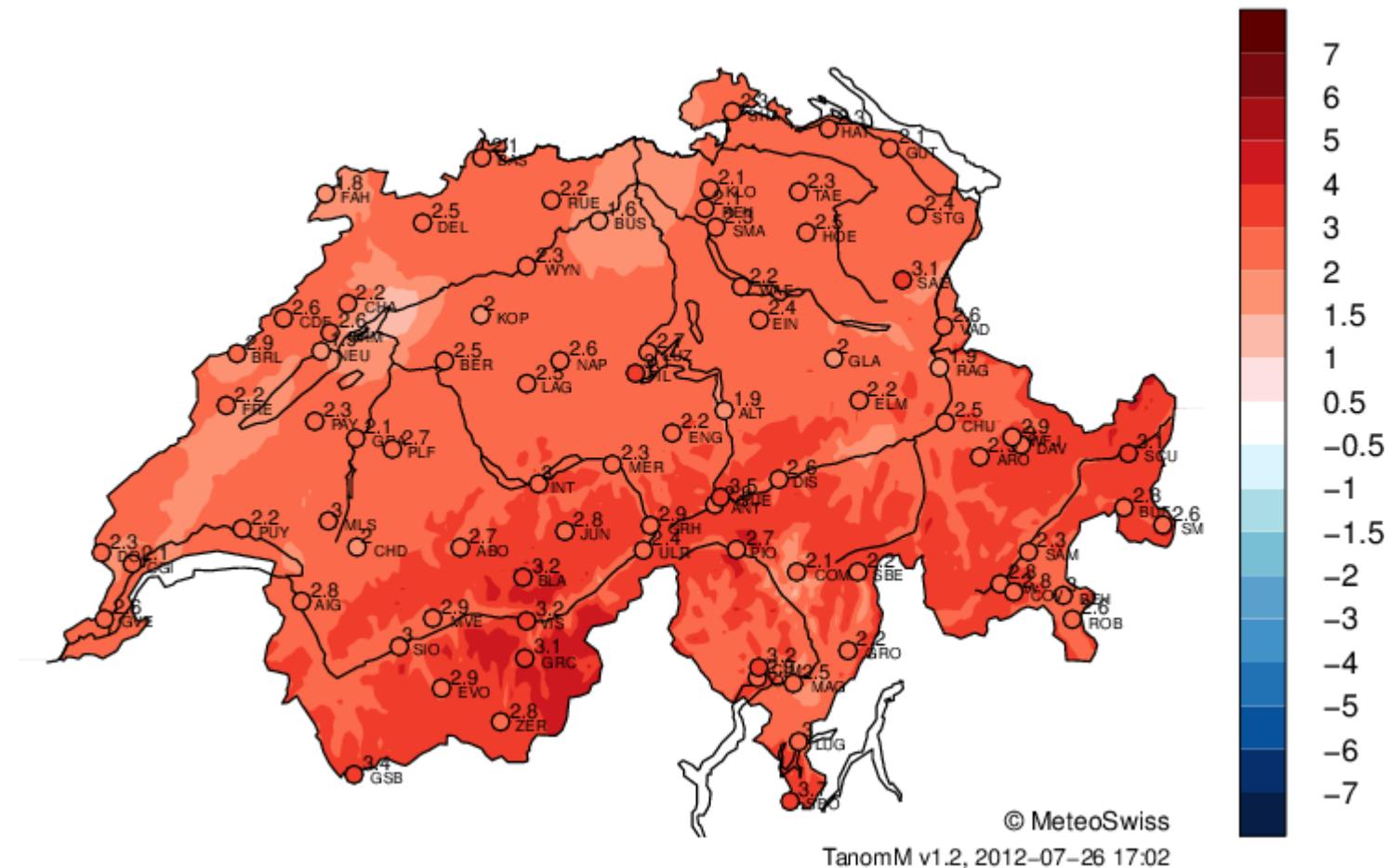
Retrospettiva meteoclimatica

Matteo Buzzi (Gianluca Ferri, Mauro Guerini, Martino Buzzi, Giorgio Seiler, Luca Silvanti)



Temperatura: giugno 2012

Monthly Temperature Anomaly (degC) Jun 2012 (Ref. 1961–1990)



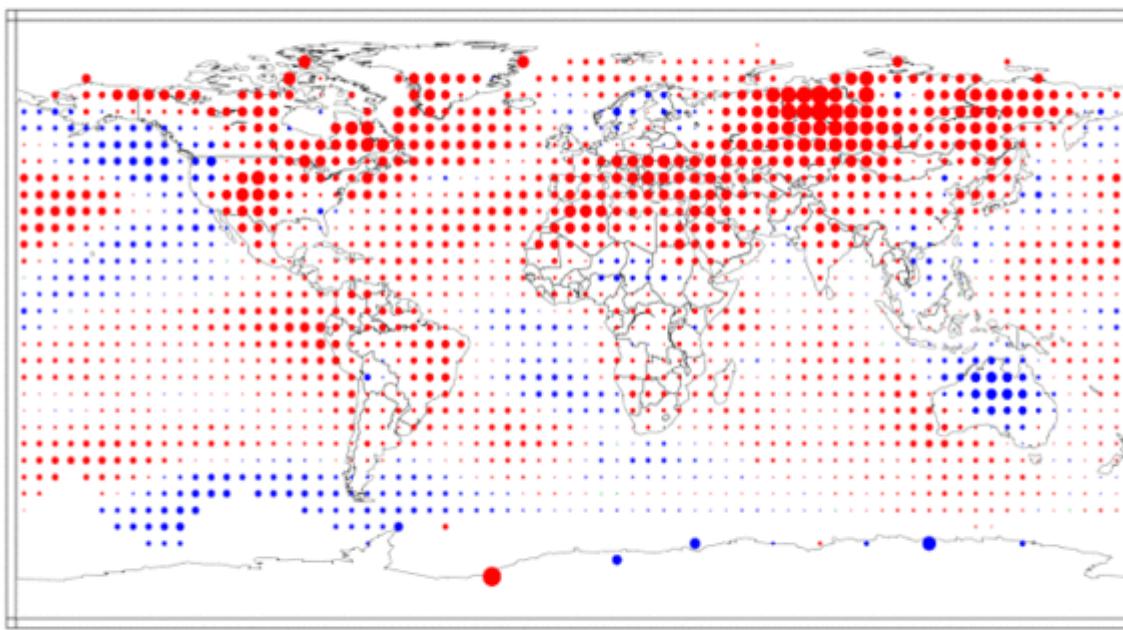


Temperatura: anomalie globali giugno 2012

Temperature Anomalies June 2012

(with respect to a 1971-2000 base period)

National Climatic Data Center/NESDIS/NOAA



-5C -4C -3C -2C -1C 0C 1C 2C 3C 4C 5C



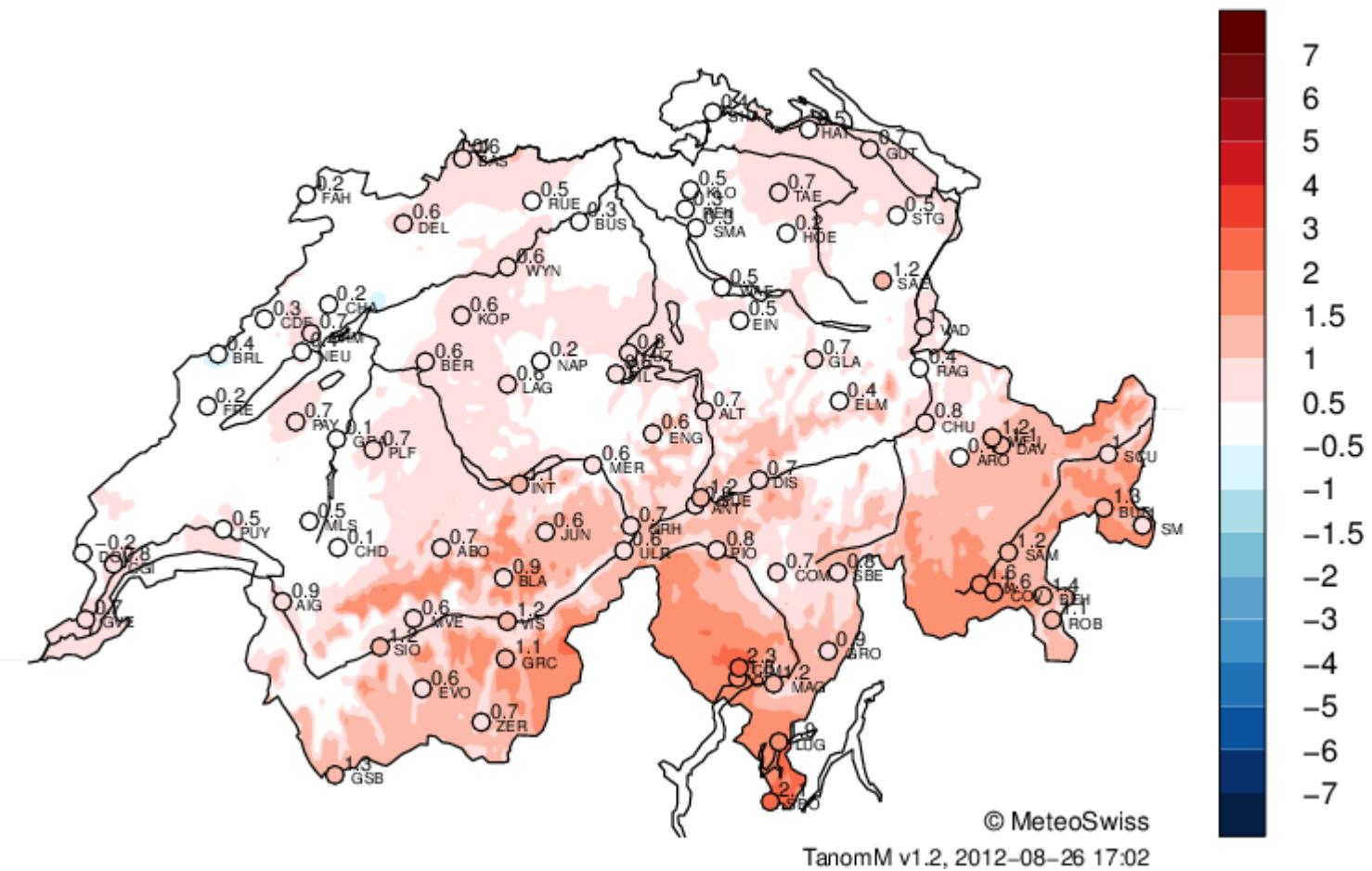
Degrees Celsius

June	Anomaly		Rank (out of 133 years)	Records		
	°C	°F		Year(s)	°C	°F
Global						
Land	+1.07 ± 0.13	+1.93 ± 0.23	1 st Warmest 133 rd Coolest	Warmest: 2012 Coolest: 1907	+1.07	+1.93
Ocean	+0.47 ± 0.04	+0.85 ± 0.07	10 th Warmest 124 th Coolest Ties: 2011	Warmest: 1998 Coolest: 1909, 1911	+0.59	+1.06
Land and Ocean	+0.63 ± 0.07	+1.13 ± 0.13	4 th Warmest 130 th Coolest	Warmest: 2010 Coolest: 1911	+0.67	+1.21



Temperatura: luglio 2012

Monthly Temperature Anomaly (degC) Jul 2012 (Ref. 1961–1990)



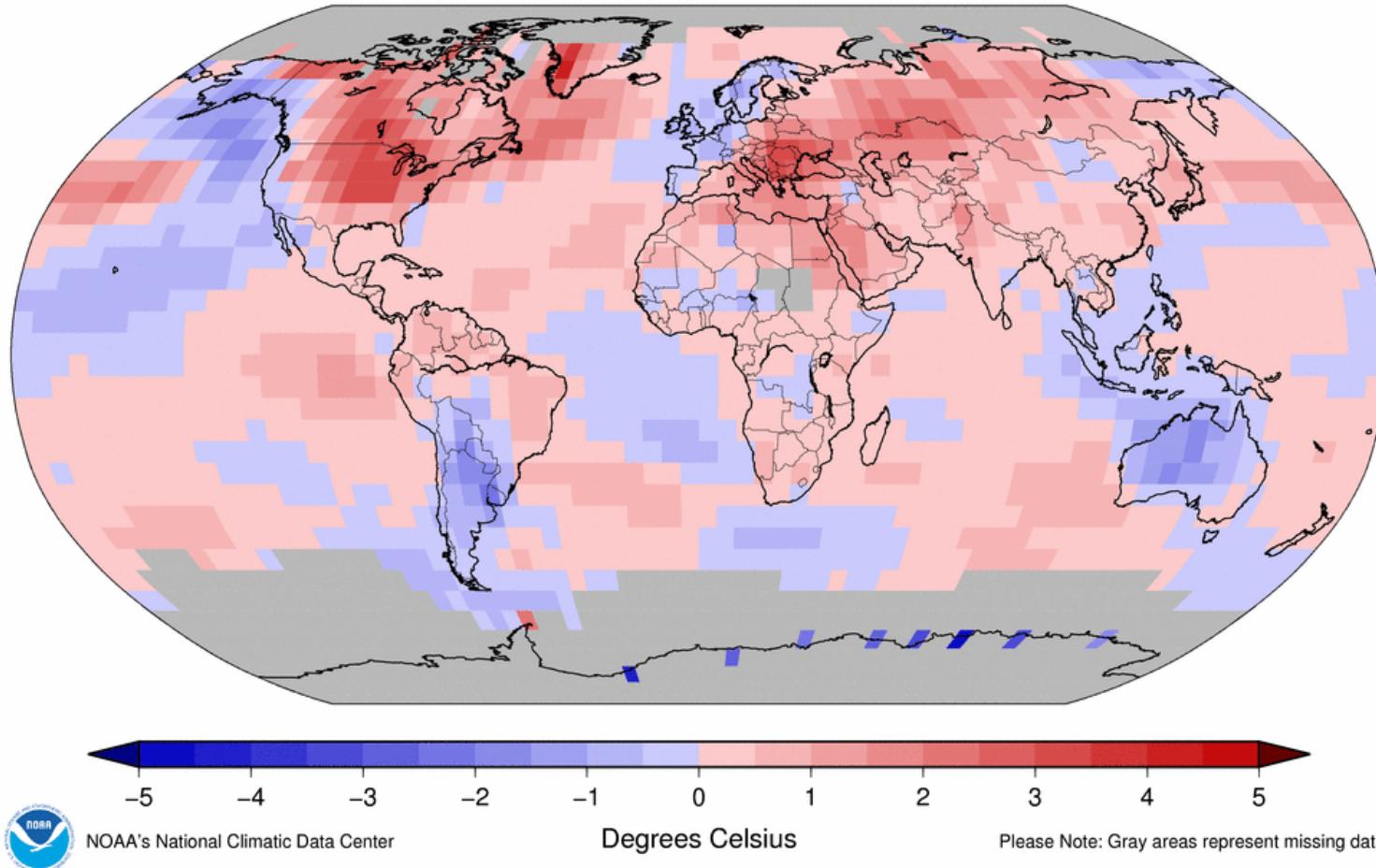


Temperatura: anomalie globali luglio 2012

Land & Ocean Temperature Anomalies Jul 2012

(with respect to a 1981–2010 base period)

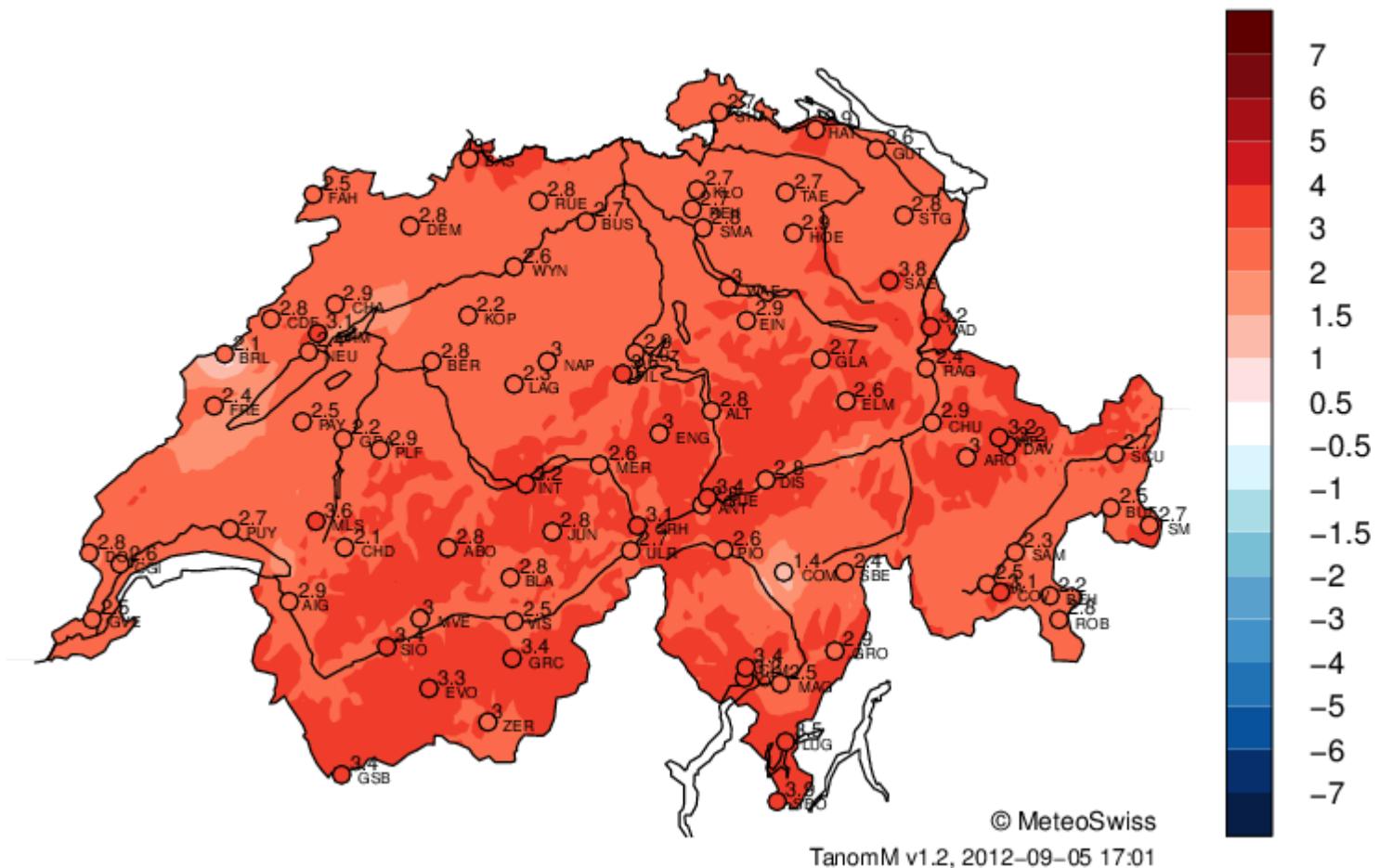
Data Source: GHCN-M version 3.1.0 & ERSST version 3b





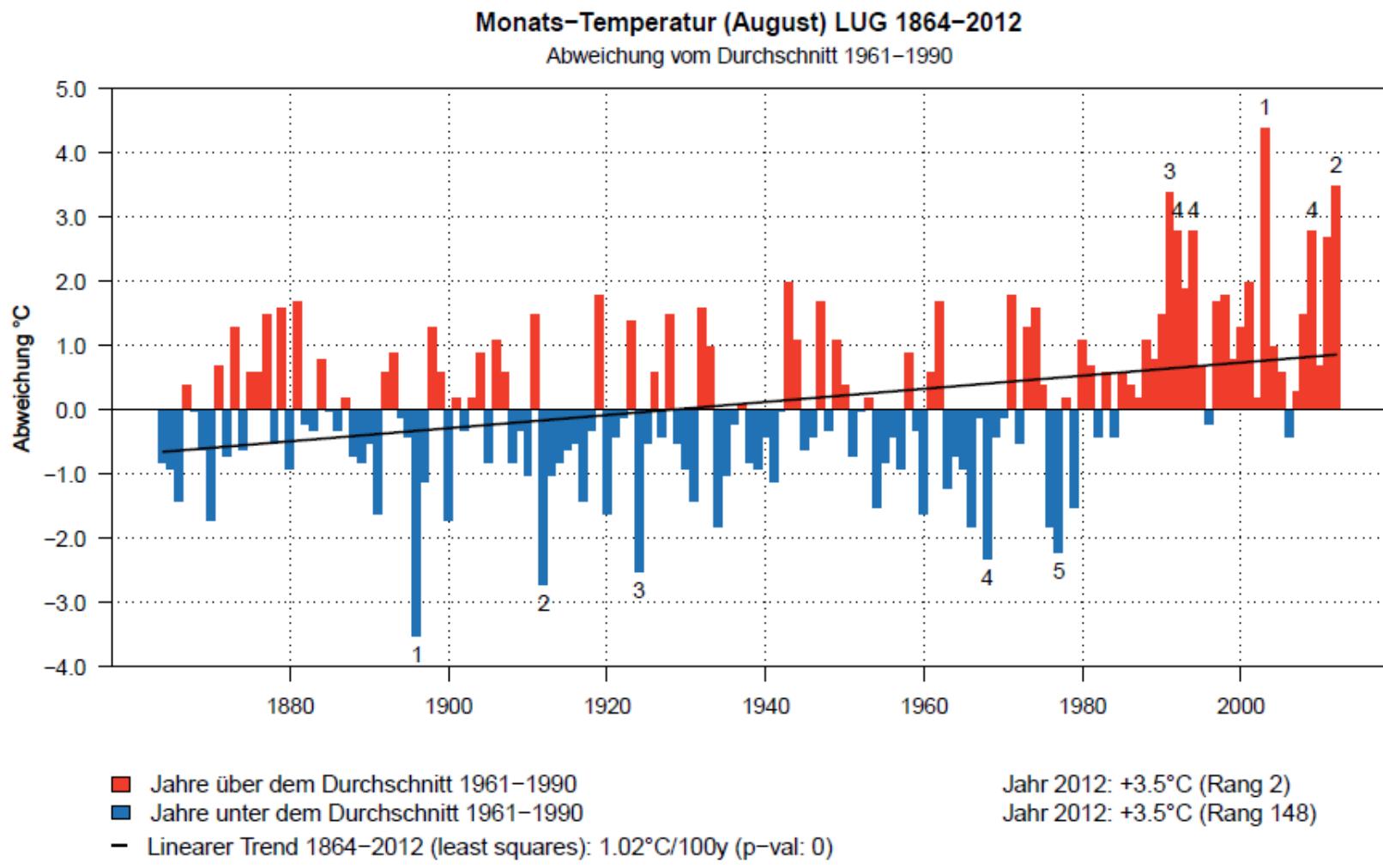
Temperatura: agosto 2012

Monthly Temperature Anomaly (degC) Aug 2012 (Ref. 1961–1990)





L'estate in TI 2012 rispetto alle altre

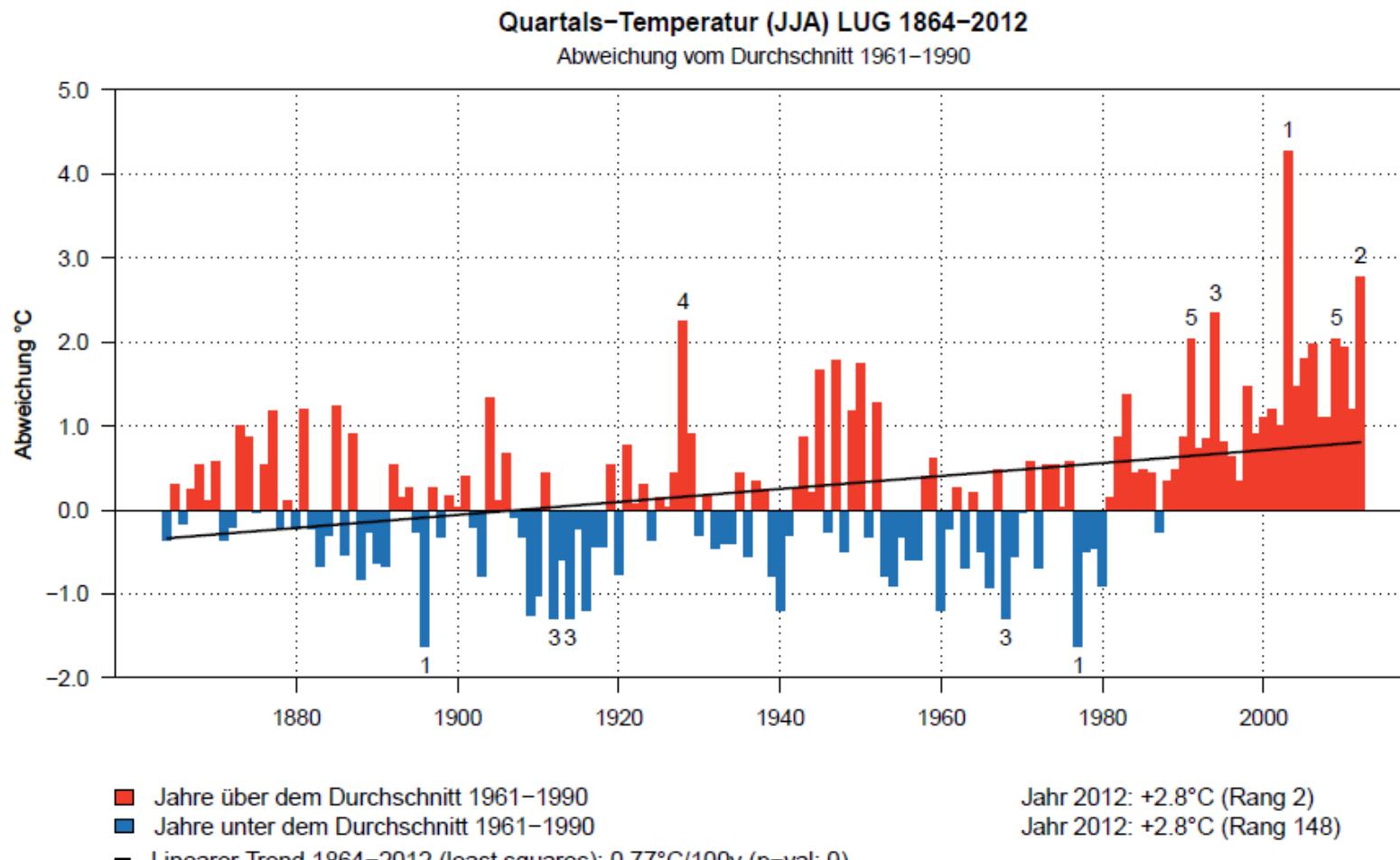




Temperatura: anomalie globali agosto 2012



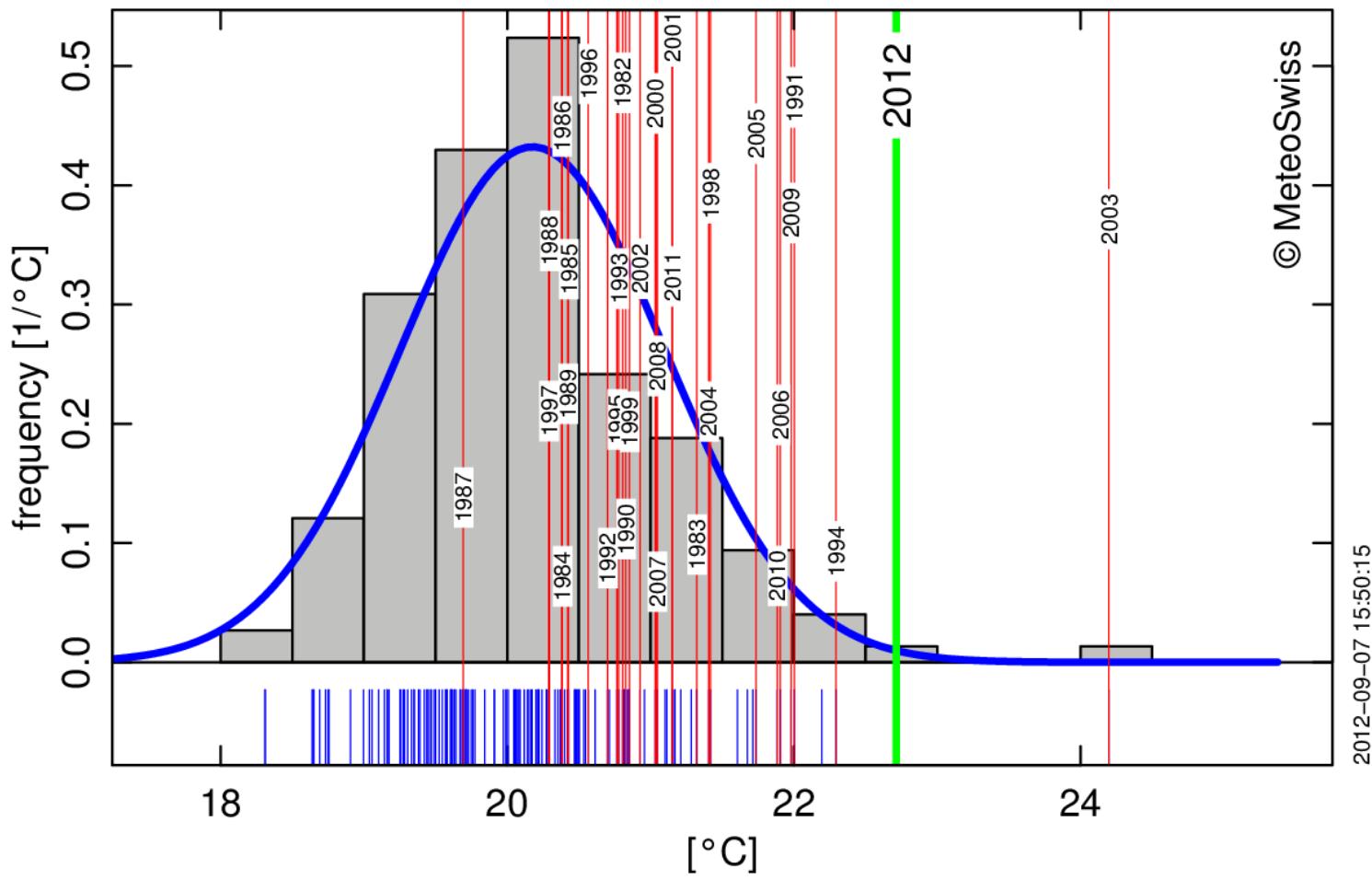
Estate 2012 in TI rispetto alle altre





Estate 2012 in TI rispetto alle altre

Air temperature 2 m above ground; homogeneous monthly mean
Jun / Jul / Aug 1864–2012 (blue) and 1982–2012 (red)



Lugano

149 non-NA values in station record; 2012: 2 highest

© MeteoSwiss

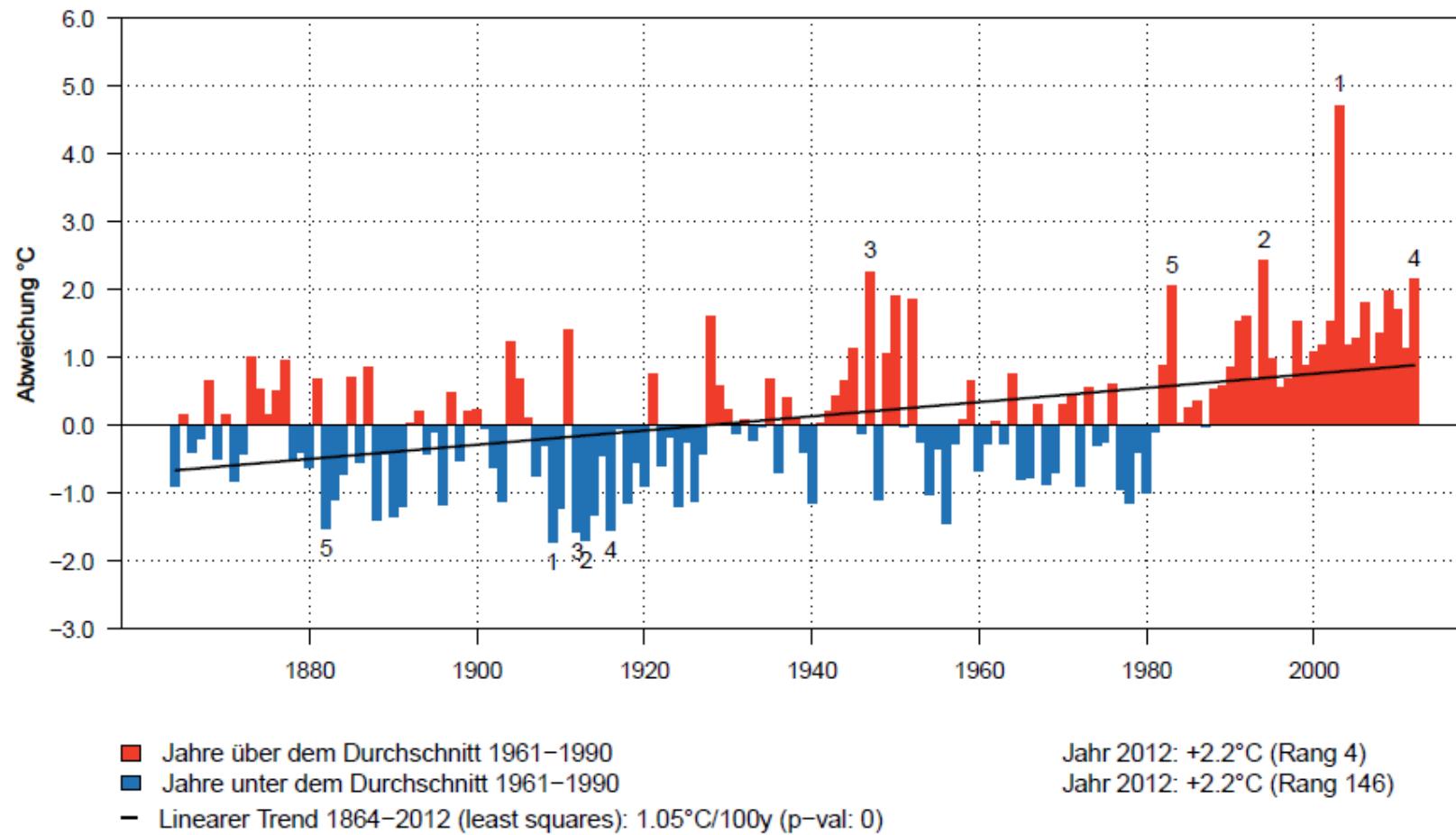
2012-09-07 15:50:15



L'estate in CH 2012 rispetto alle altre

Quartals-Temperatur (JJA) Mittel(BAS,BER,CHD,CHM,DAV,ENG,GVE,LUG,SAE,SIA,SIO,SMA) 1864–2012

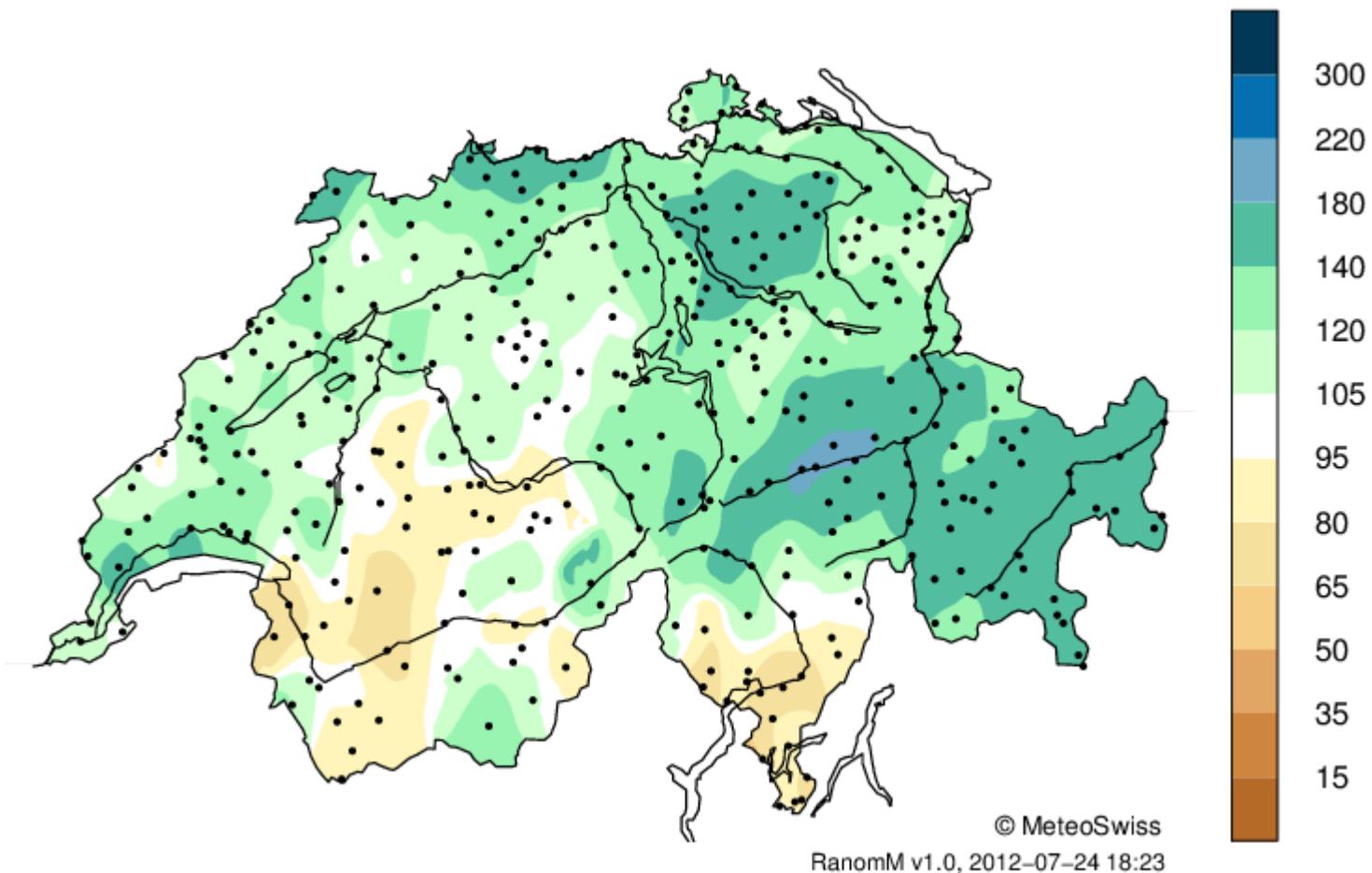
Abweichung vom Durchschnitt 1961–1990





Precipitazioni: giugno 2012

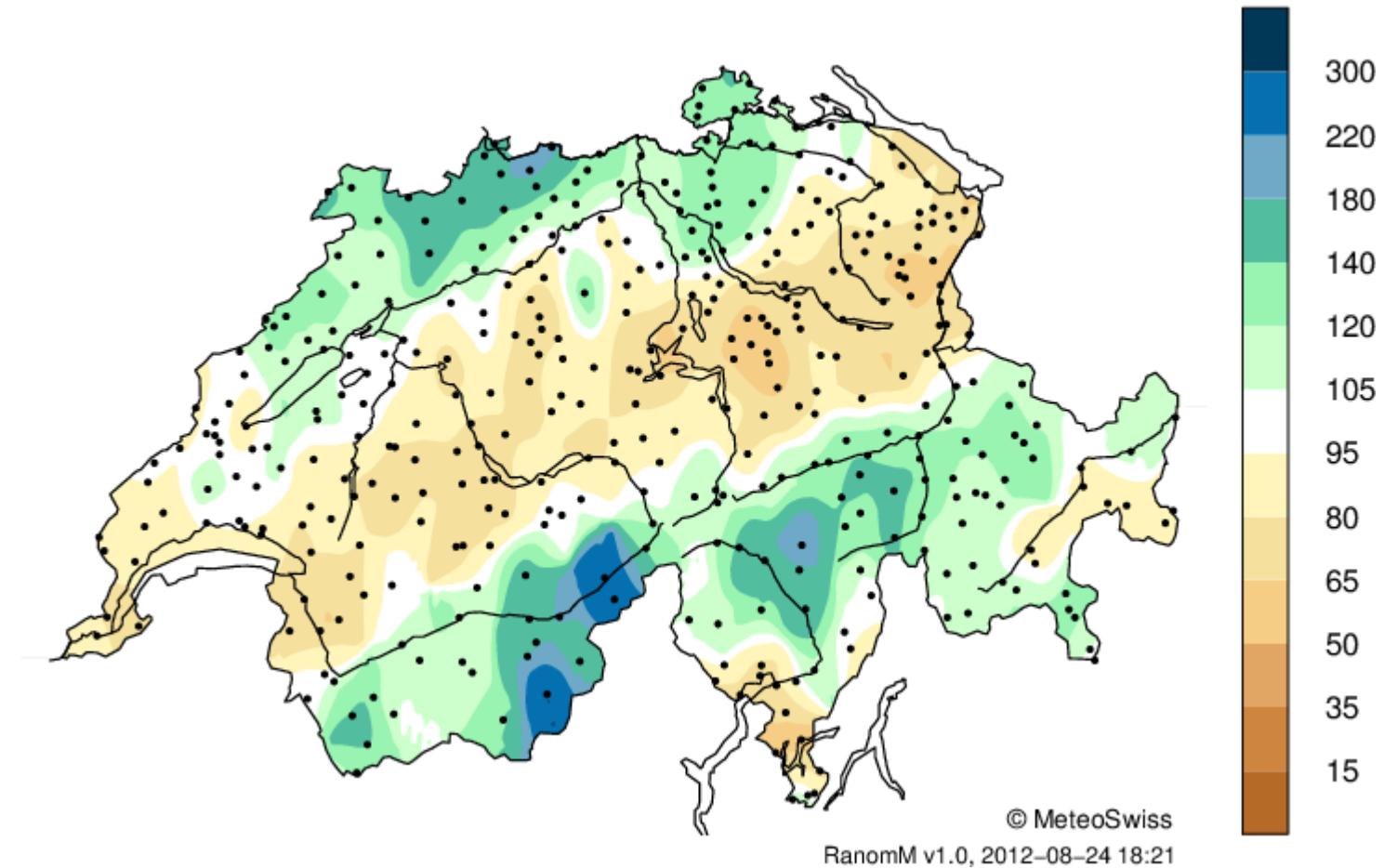
Monthly Precipitation Anomaly (%) Jun 2012 (Ref. 1961–1990)





Precipitazioni: luglio 2012

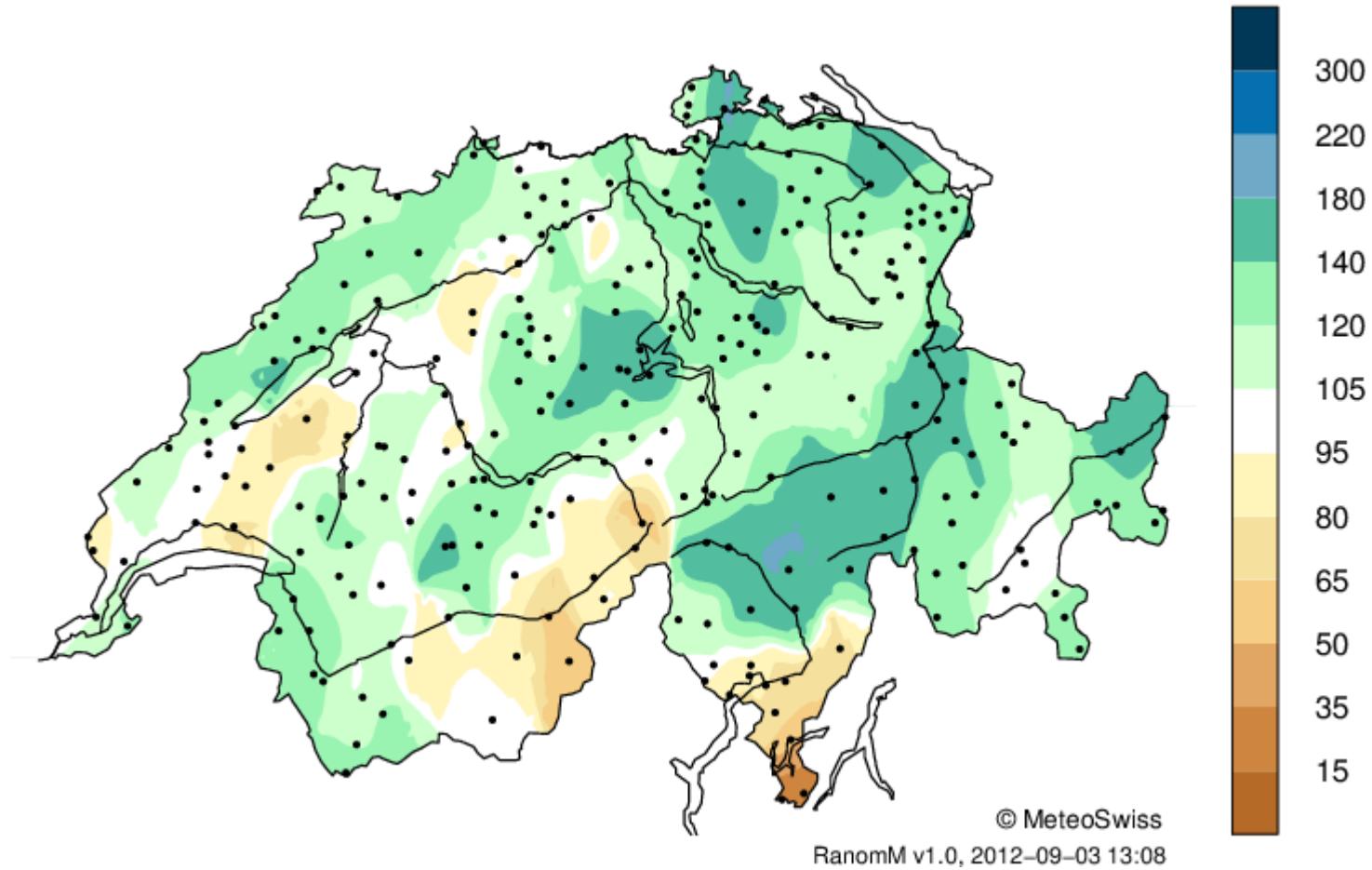
Monthly Precipitation Anomaly (%) Jul 2012 (Ref. 1961–1990)





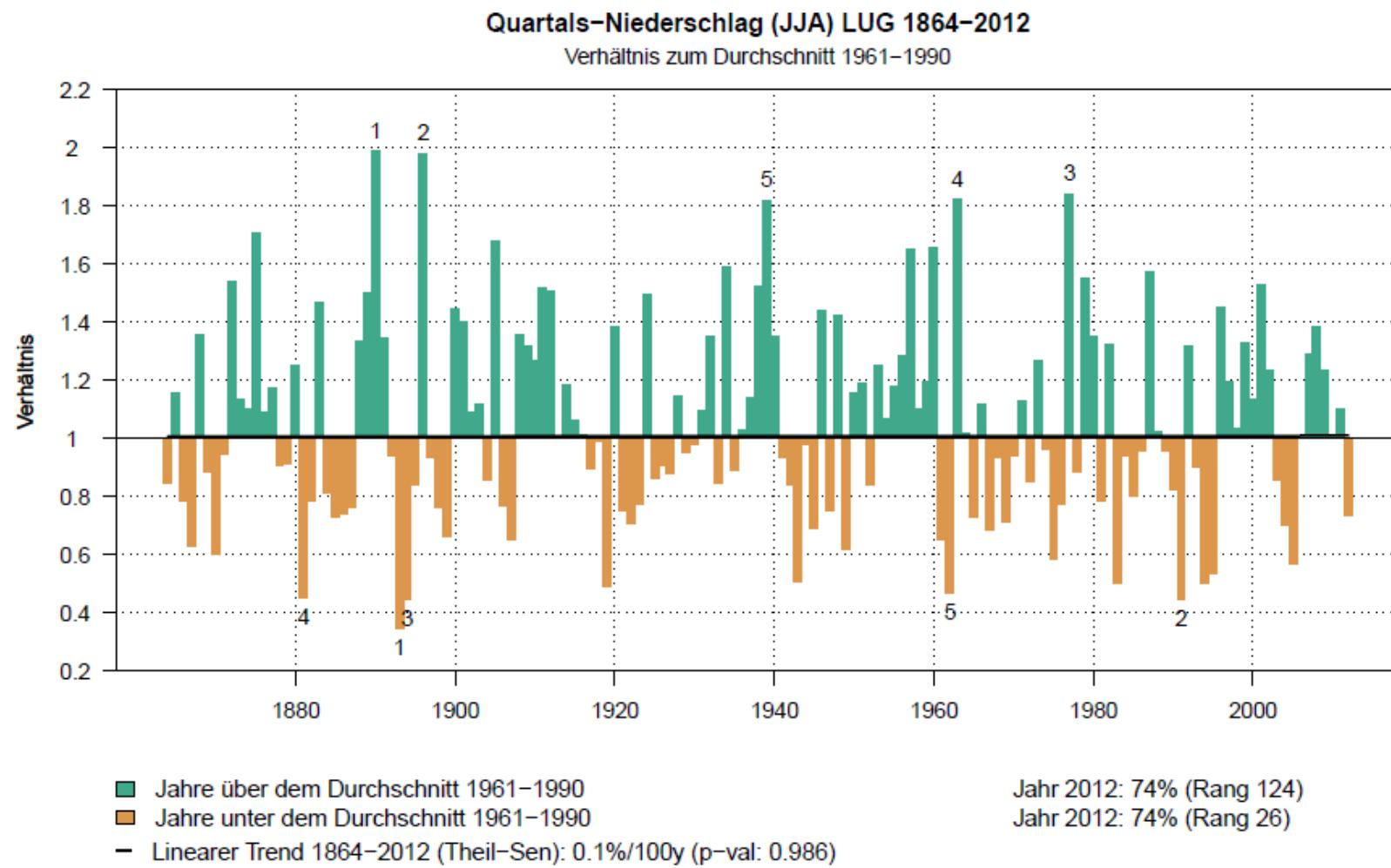
Precipitazioni agosto 2012

Monthly Precipitation Anomaly (%) Aug 2012 (Ref. 1961–1990)





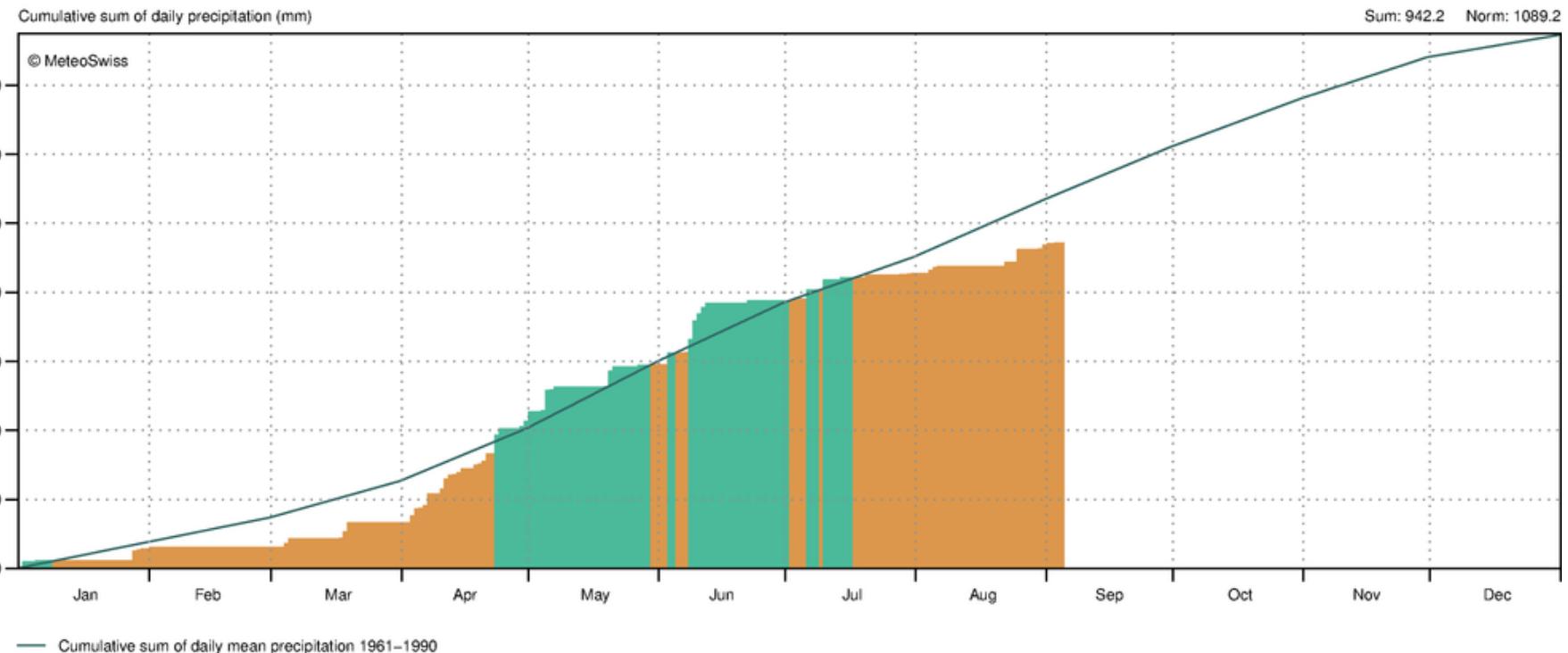
L'estate 2012 rispetto alle altre





Somma precipitazioni 2012

Lugano (273 m)
01.01.2012 – 04.09.2012

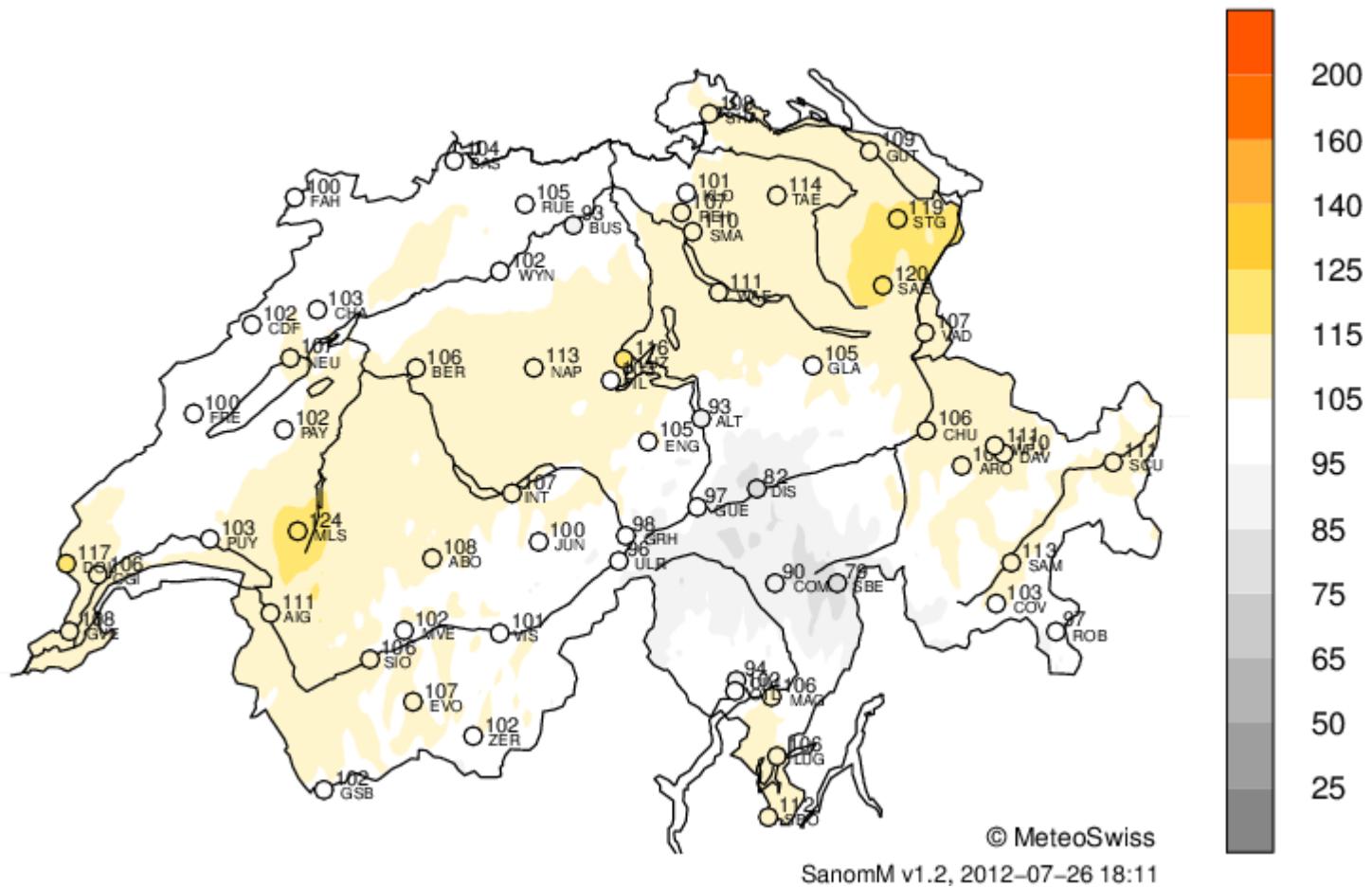


Status: 05.09.2012



Soleggiamento: anomalia giugno 2012

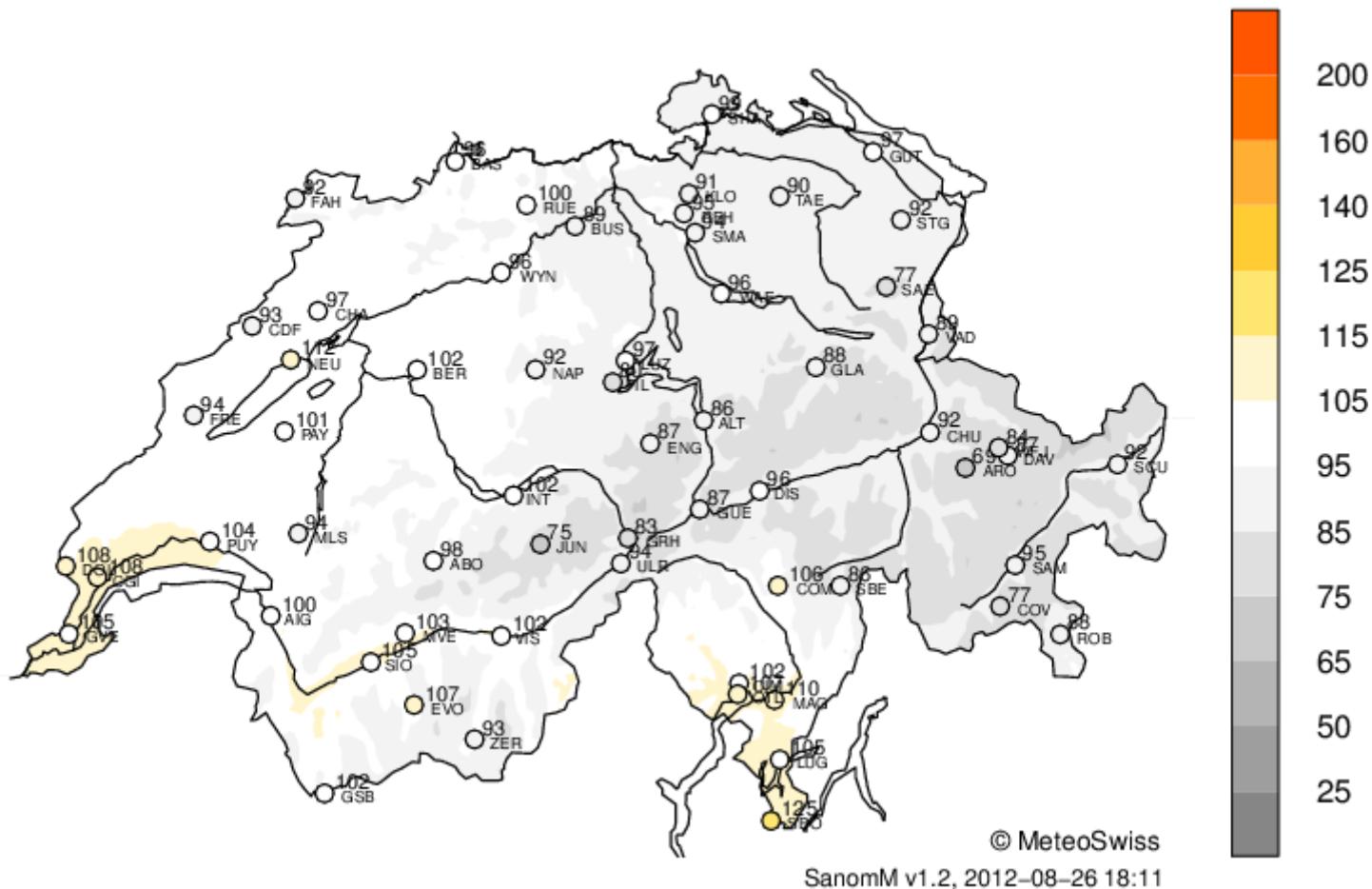
Monthly Sunshine Duration Anomaly (%) Jun 2012 (Ref. 1961–1990)





Soleggiamento: anomalia luglio 2012

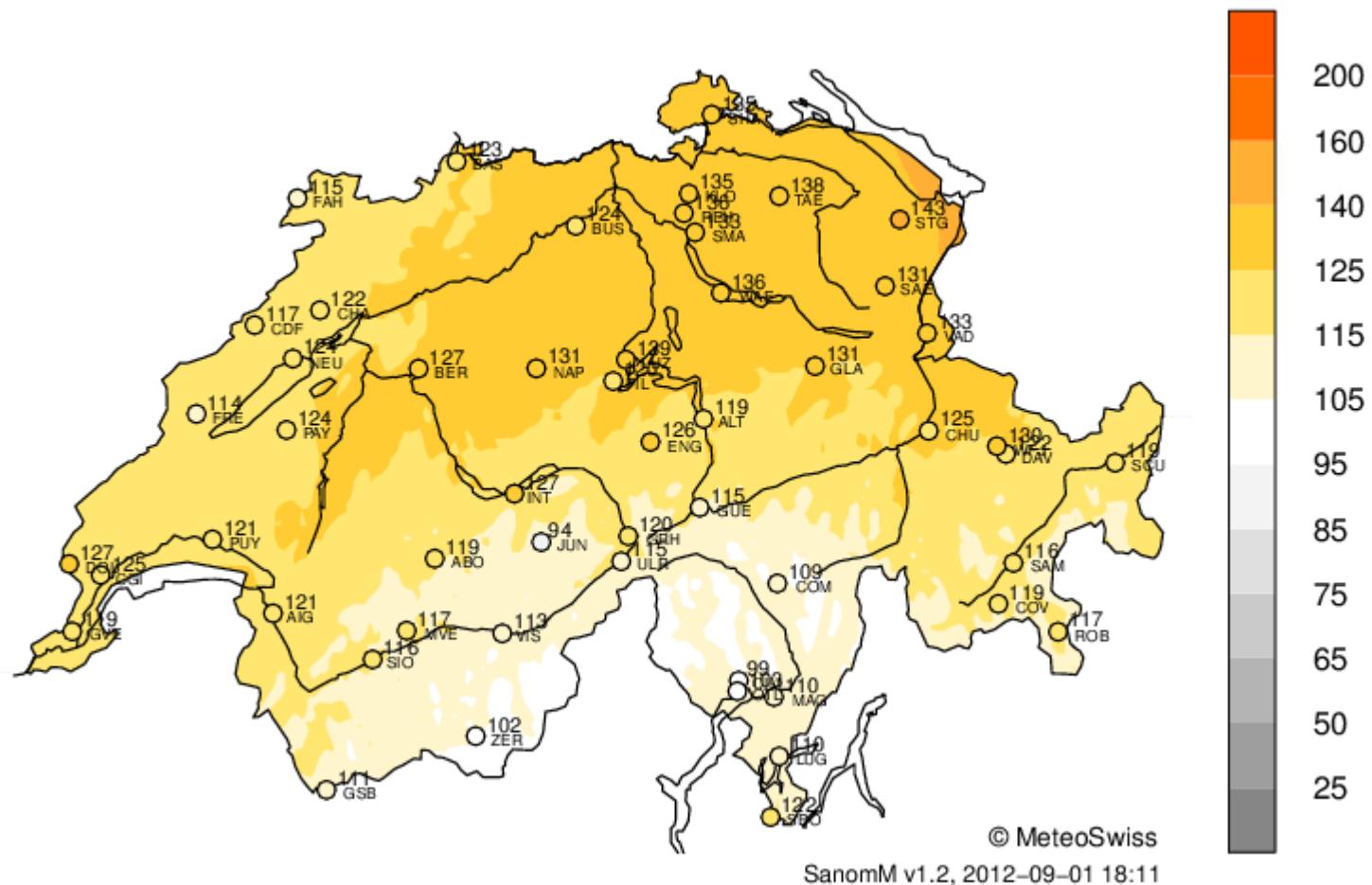
Monthly Sunshine Duration Anomaly (%) Jul 2012 (Ref. 1961–1990)





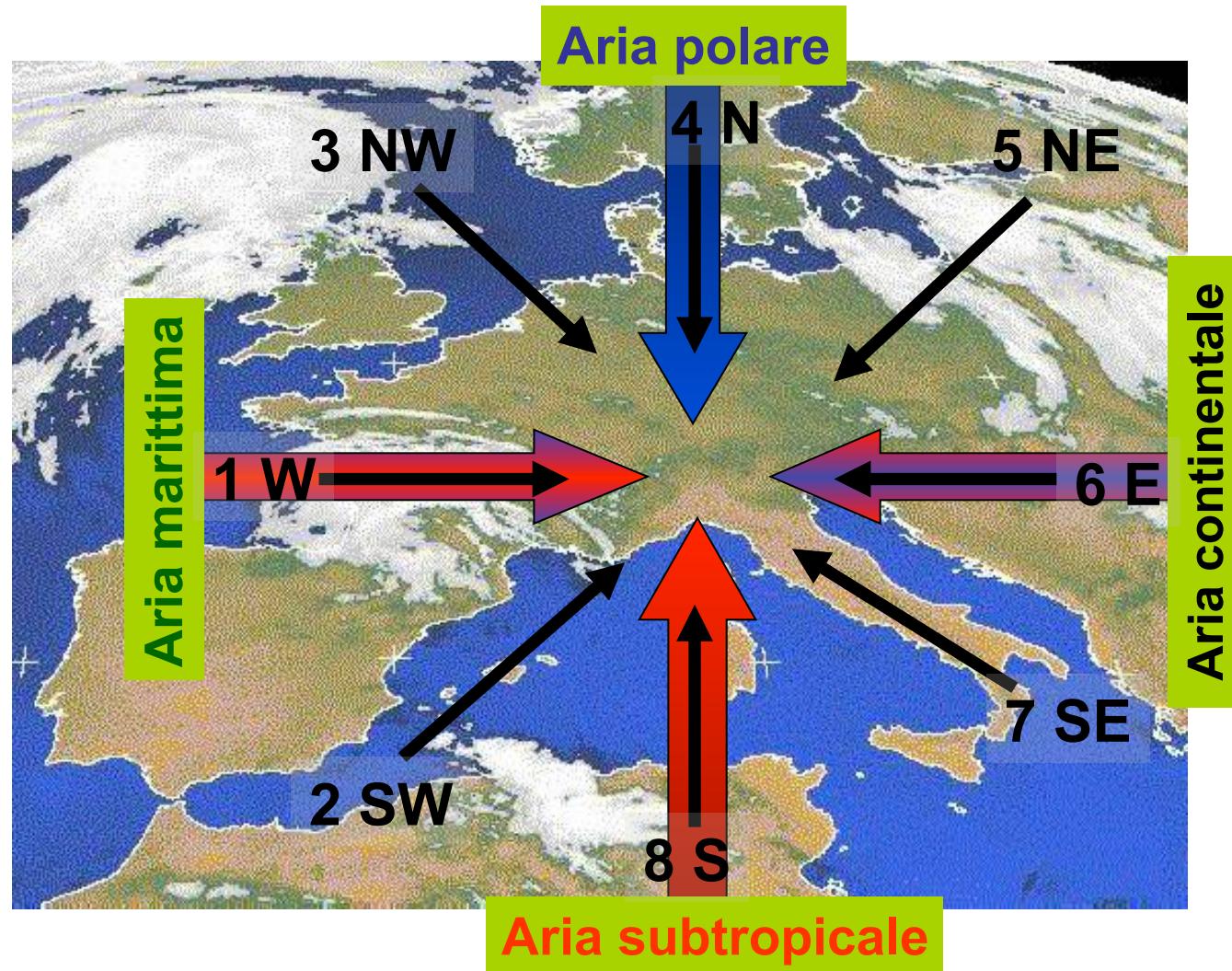
Soleggiamento: anomalia agosto 2012

Monthly Sunshine Duration Anomaly (%) Aug 2012 (Ref. 1961–1990)



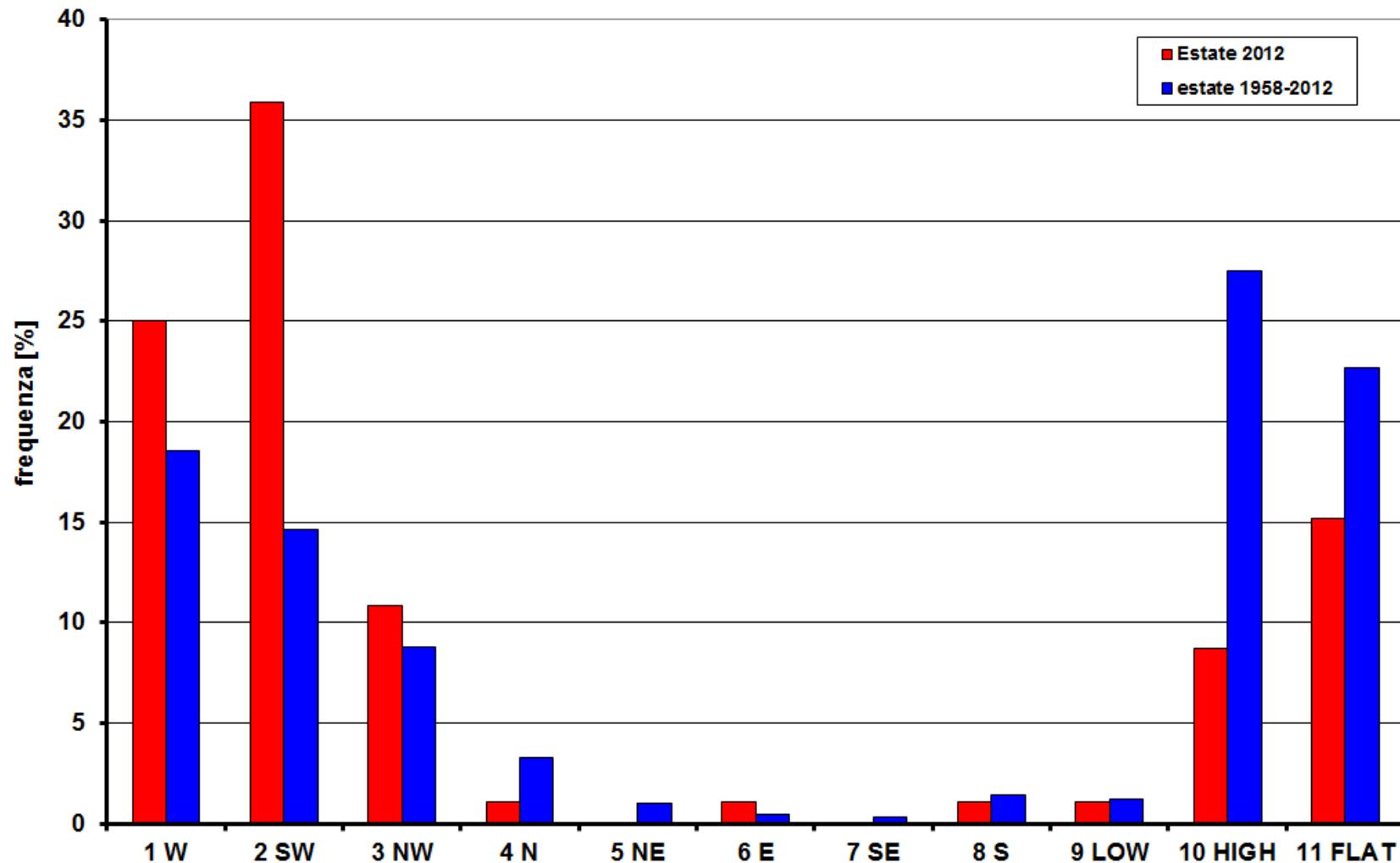


Massa d'aria diverse, tempo diverso, situazioni diverse



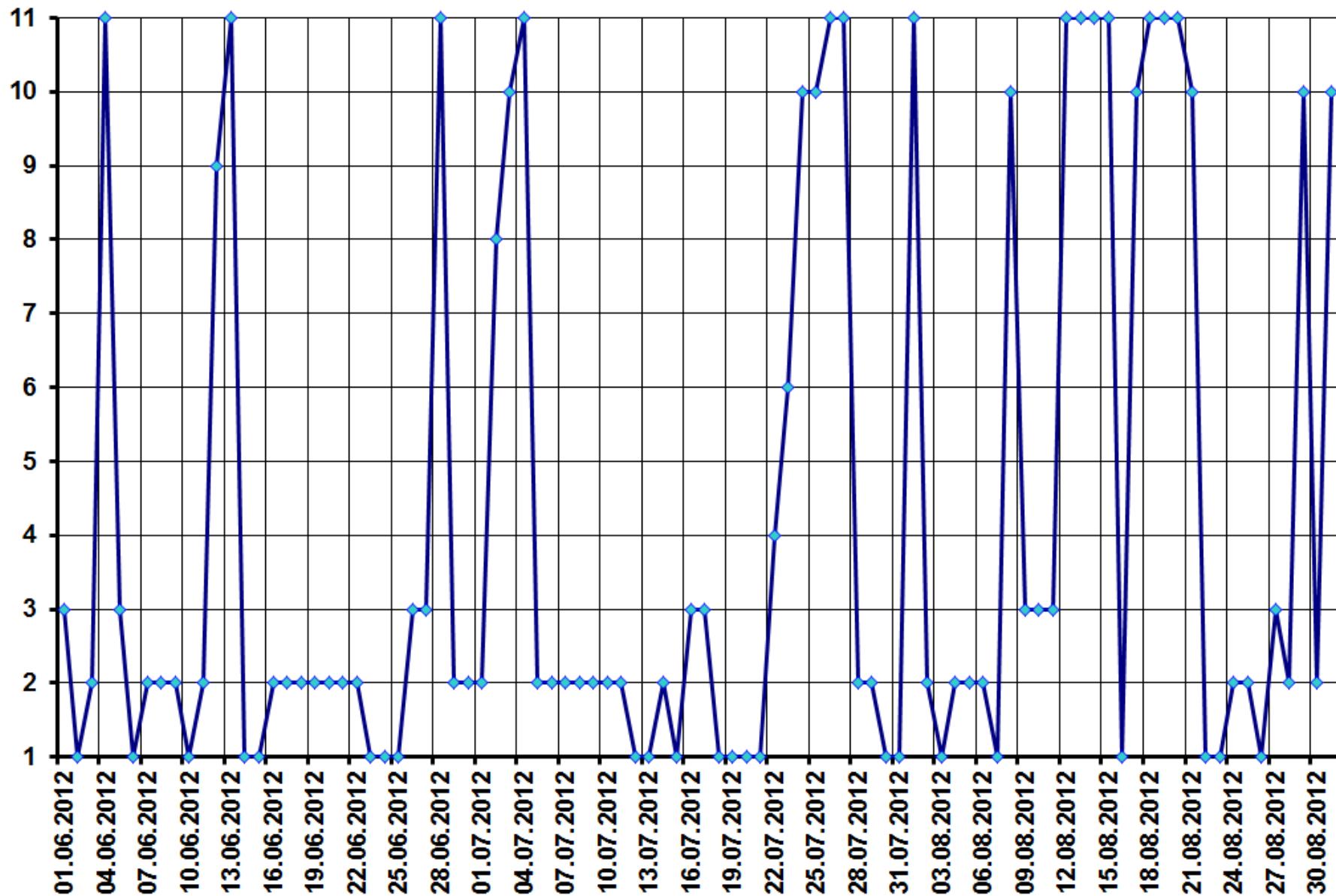


La distribuzione delle situazioni



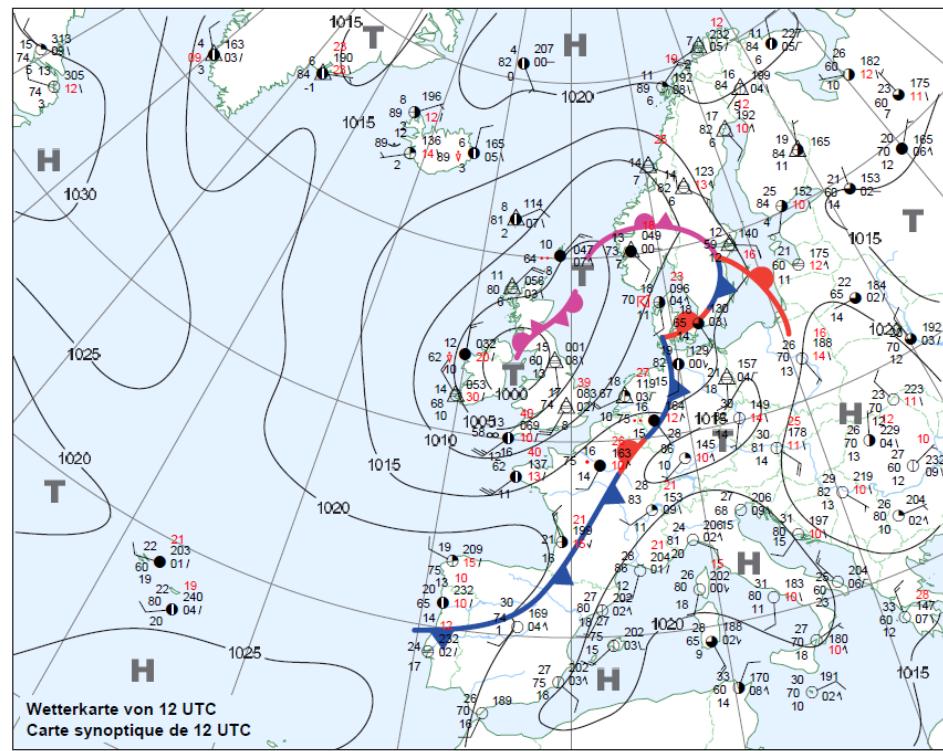
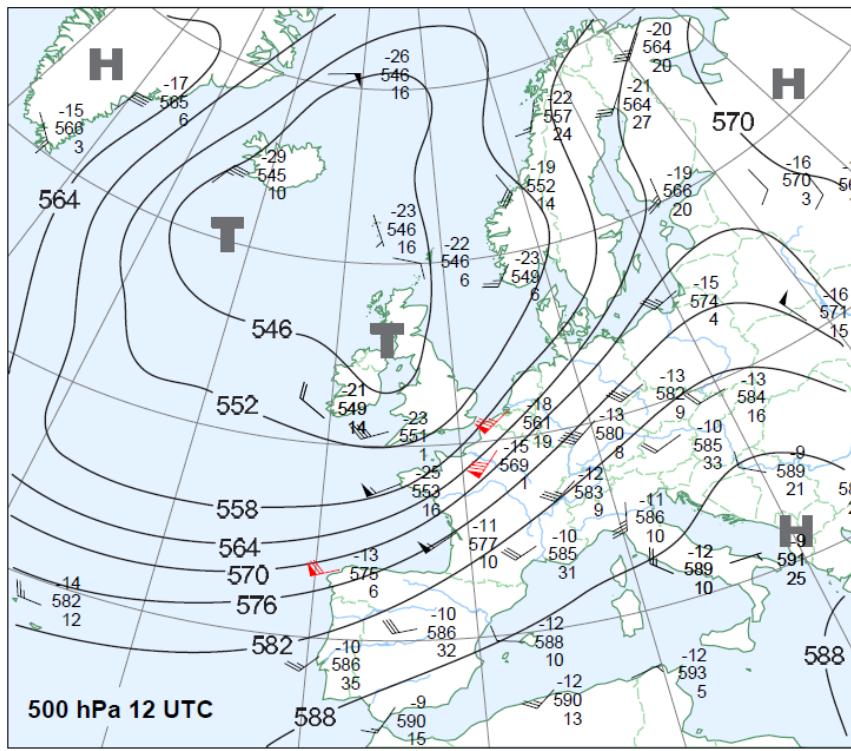


Sequenza delle situazioni





SW



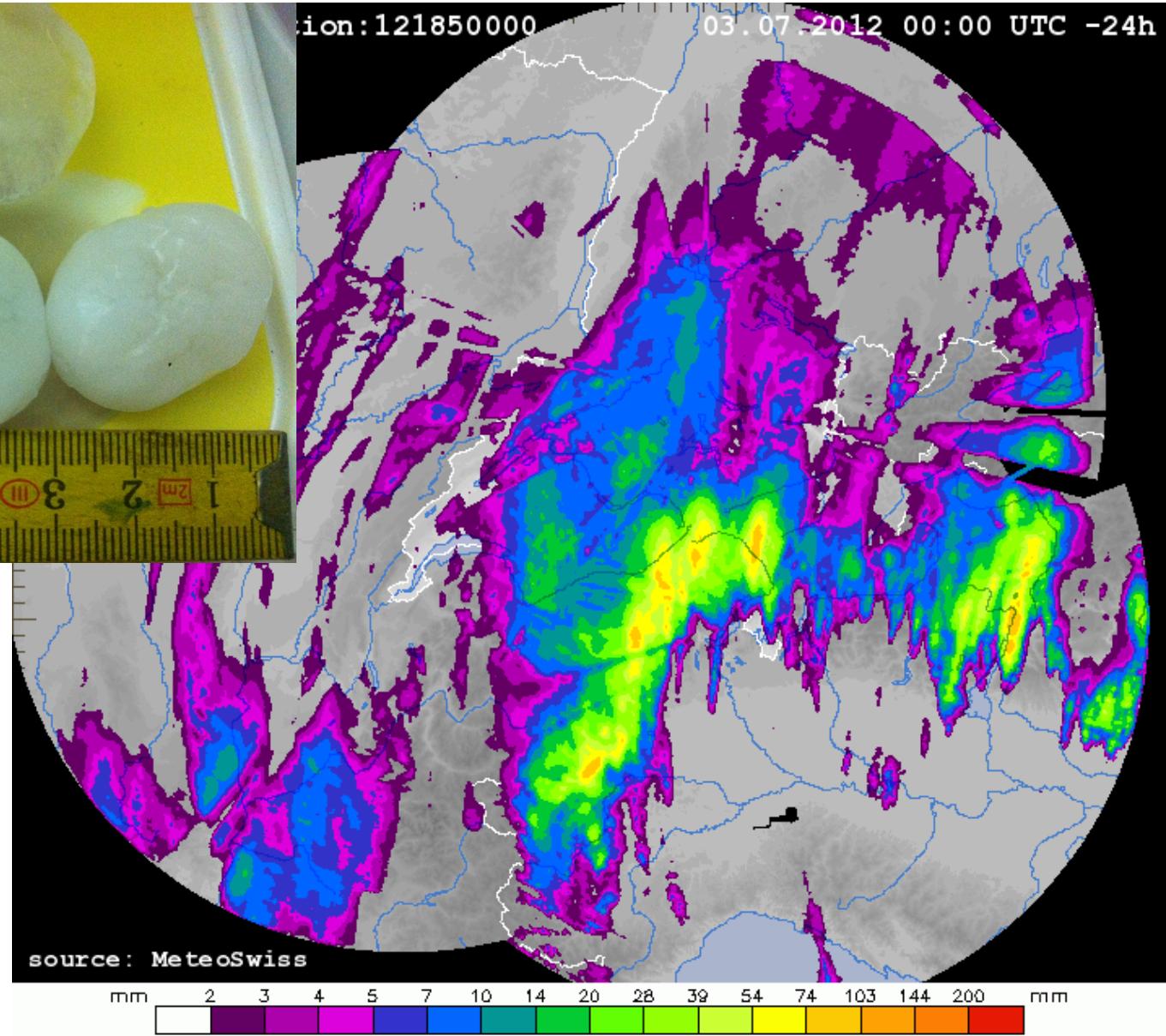


Casi

- 2.7 forti temporali mobili
- 11.7 violenta grandinata nel Mendrisiotto
- 28.7 frana in valle di Blenio (Martino)
- 30-31.7 Isola di calore (Gianluca)
- 19.8 retour d'est estivo
- 20.8 foschia Alto Adige (Mauro)
- 24-25.8 violenti temporali
- 17-24.8 canicola (Giorgio)

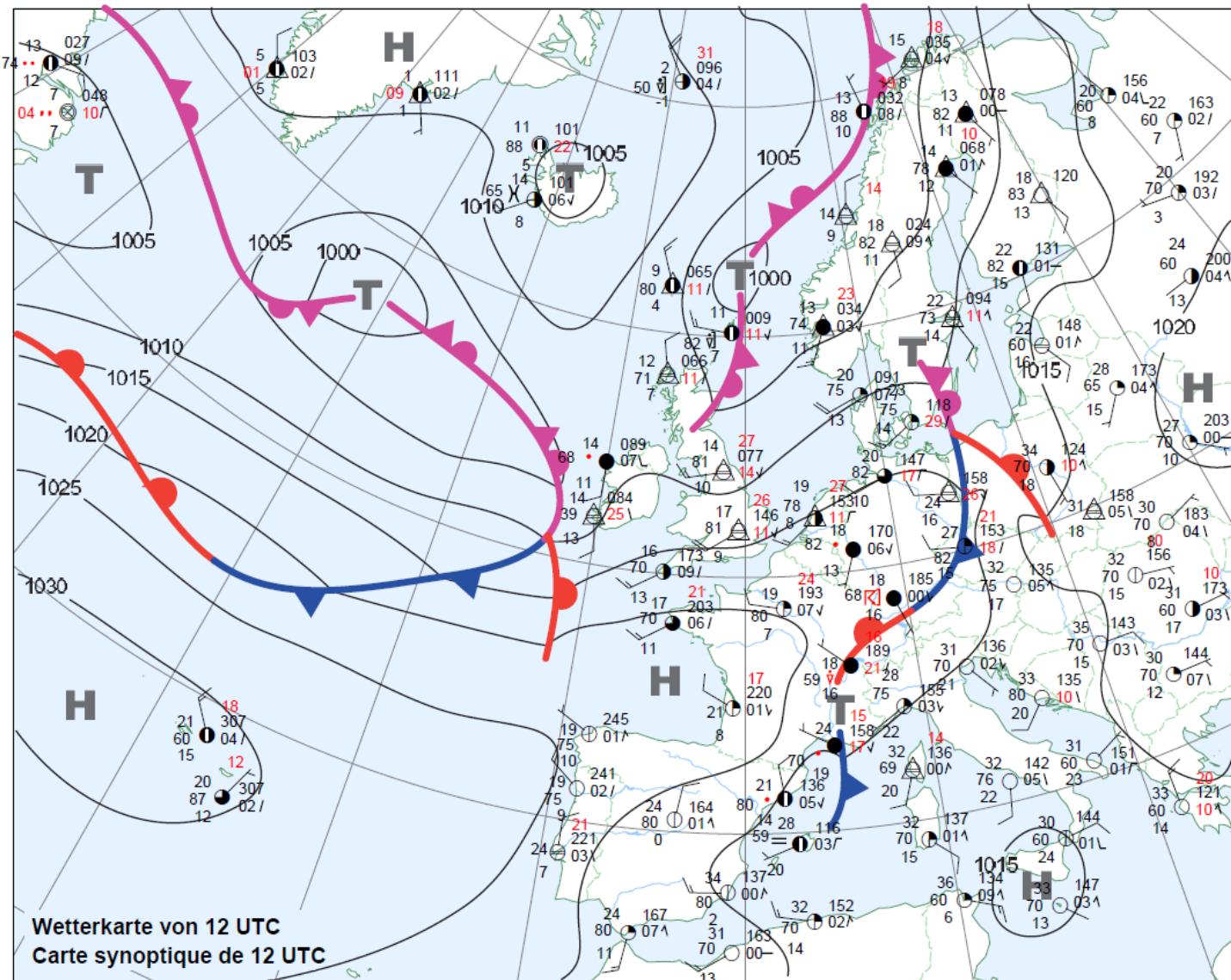


2.7.2012: forti temporali mobili





Situazione al suolo l'1.7 alle 12





2.7.2012: Z@500 e T@500 hPa

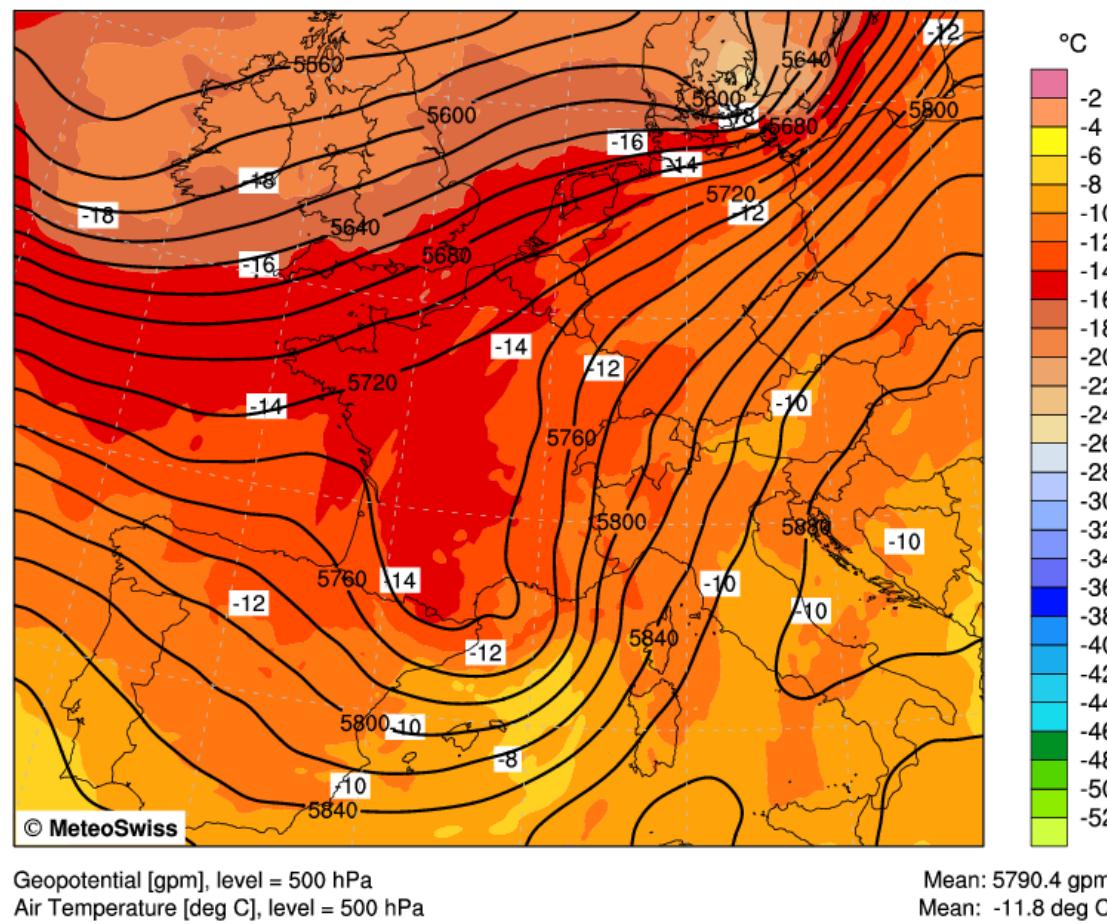
COSMO-7 ANALYSIS

500hPa Geopotential Height and Temperature

Version: 921

Mon 02 Jul 2012 00UTC

02.07.2012 00UTC +00h





2.7.2012: Z@500 e T@500 hPa

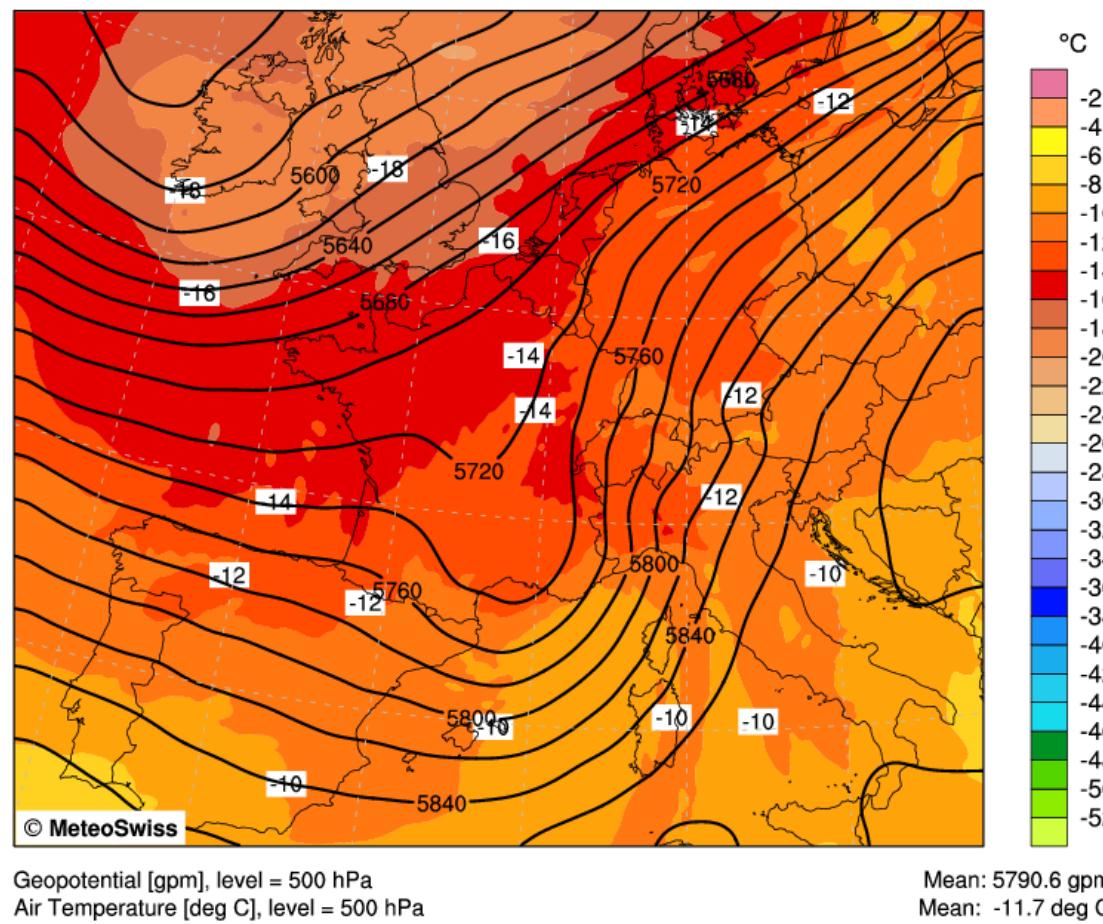
COSMO-7 FORECAST

500hPa Geopotential Height and Temperature

Version: 921

Mon 02 Jul 2012 06UTC

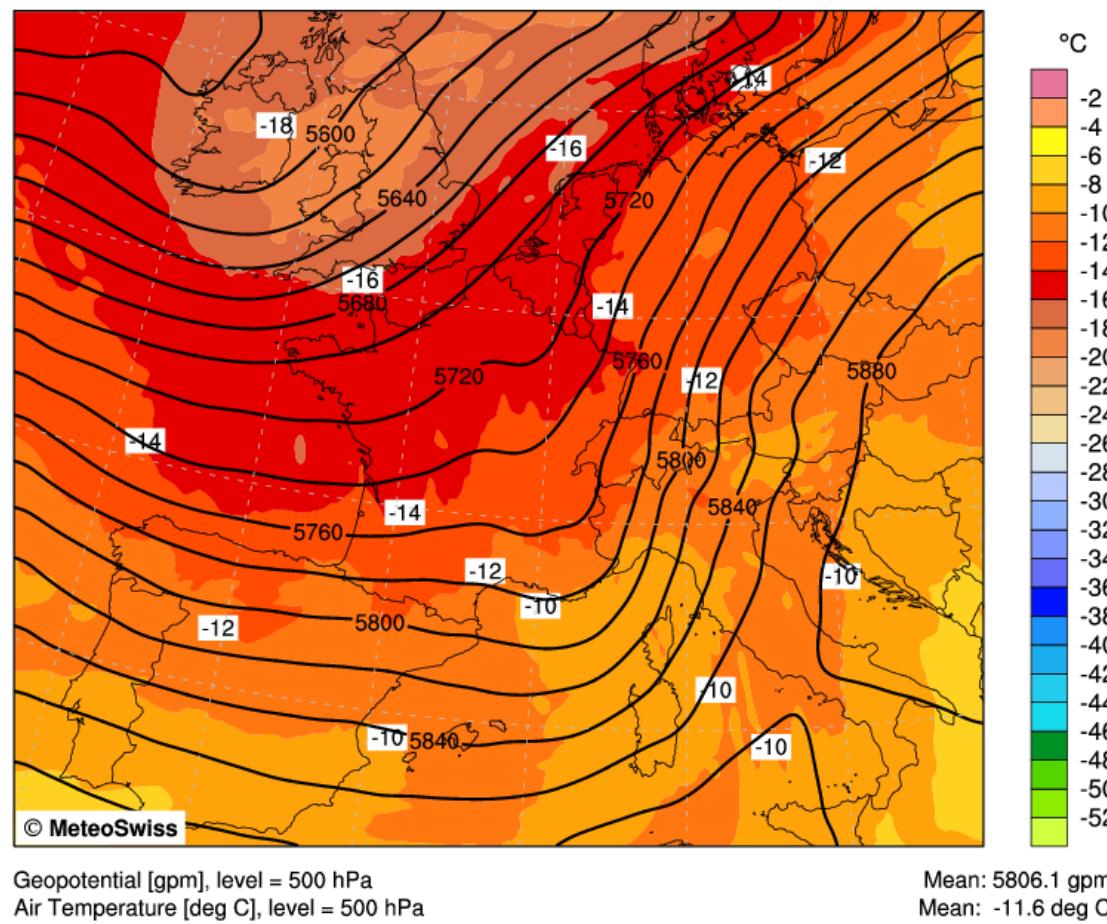
02.07.2012 00UTC +06h





2.7.2012: Z@500 e T@500 hPa

COSMO-7 FORECAST Version: 921
500hPa Geopotential Height and Temperature
Mon 02 Jul 2012 12UTC
02.07.2012 00UTC +12h





UV4000m T4000m

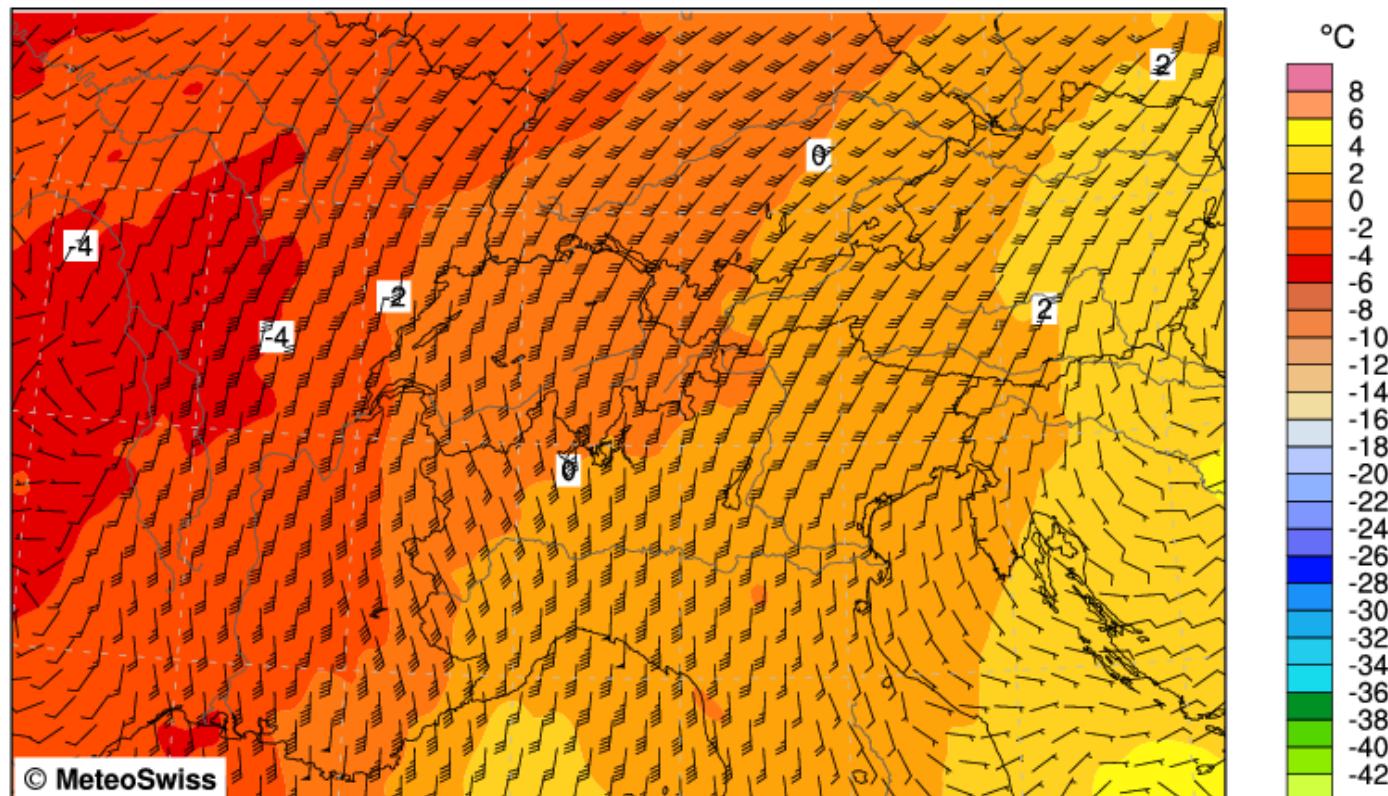
COSMO-7 ANALYSIS

Version: 921

Temperature and Wind Flags at 4km Height

Mon 02 Jul 2012 00UTC

02.07.2012 00UTC +00h



Air Temperature [deg C], level = 4000 m
wind speed [knots], level = 4000 m

Mean: -0.3 Min/Max: -5.1/ 5.6 [deg C]
Mean: 26.0 Max: 55.1 [knots]



UV4000m T4000m

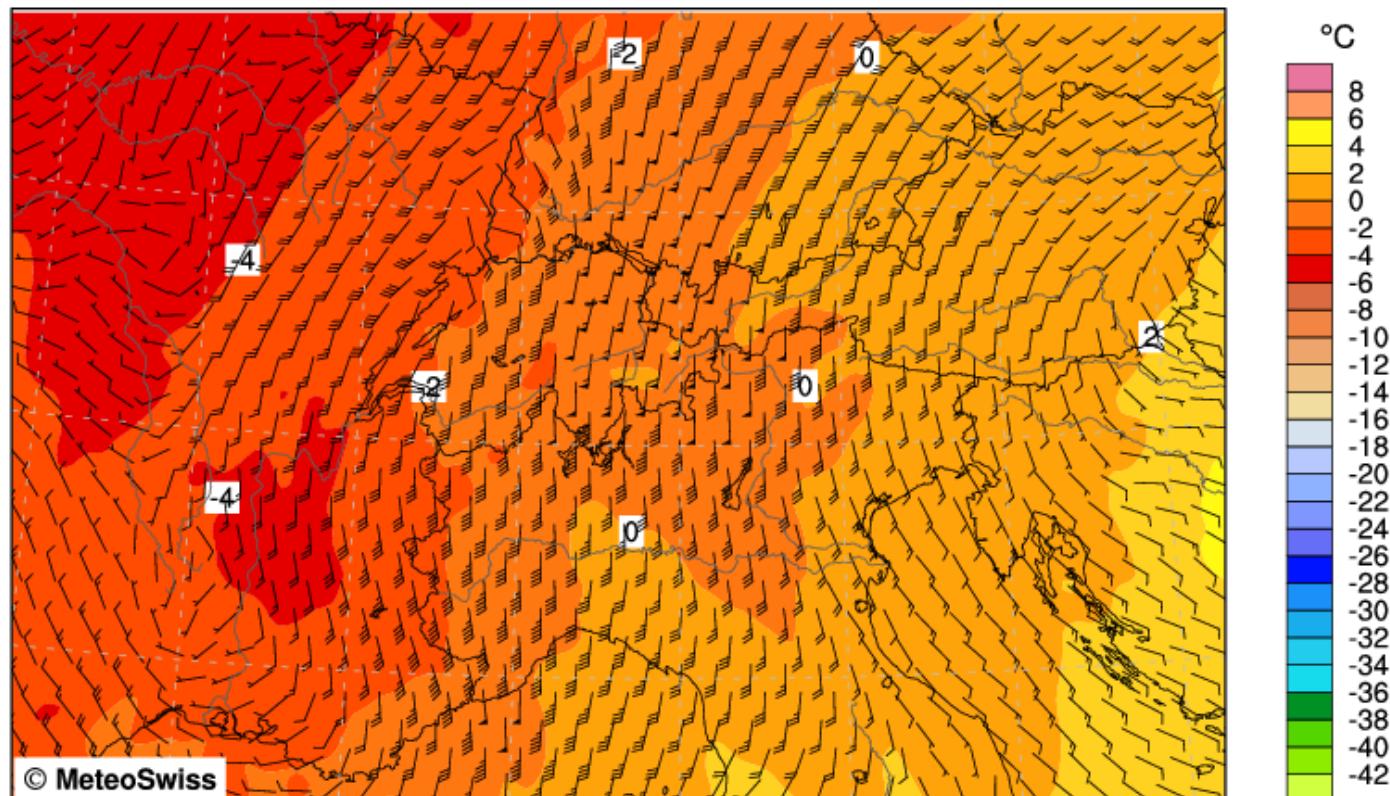
COSMO-7 FORECAST

Version: 921

Temperature and Wind Flags at 4km Height

Mon 02 Jul 2012 06UTC

02.07.2012 00UTC +06h



Air Temperature [deg C], level = 4000 m
wind speed [knots], level = 4000 m

Mean: -0.7 Min/Max: -5.6/ 4.4 [deg C]
Mean: 23.1 Max: 61.4 [knots]



UV4000m T4000m

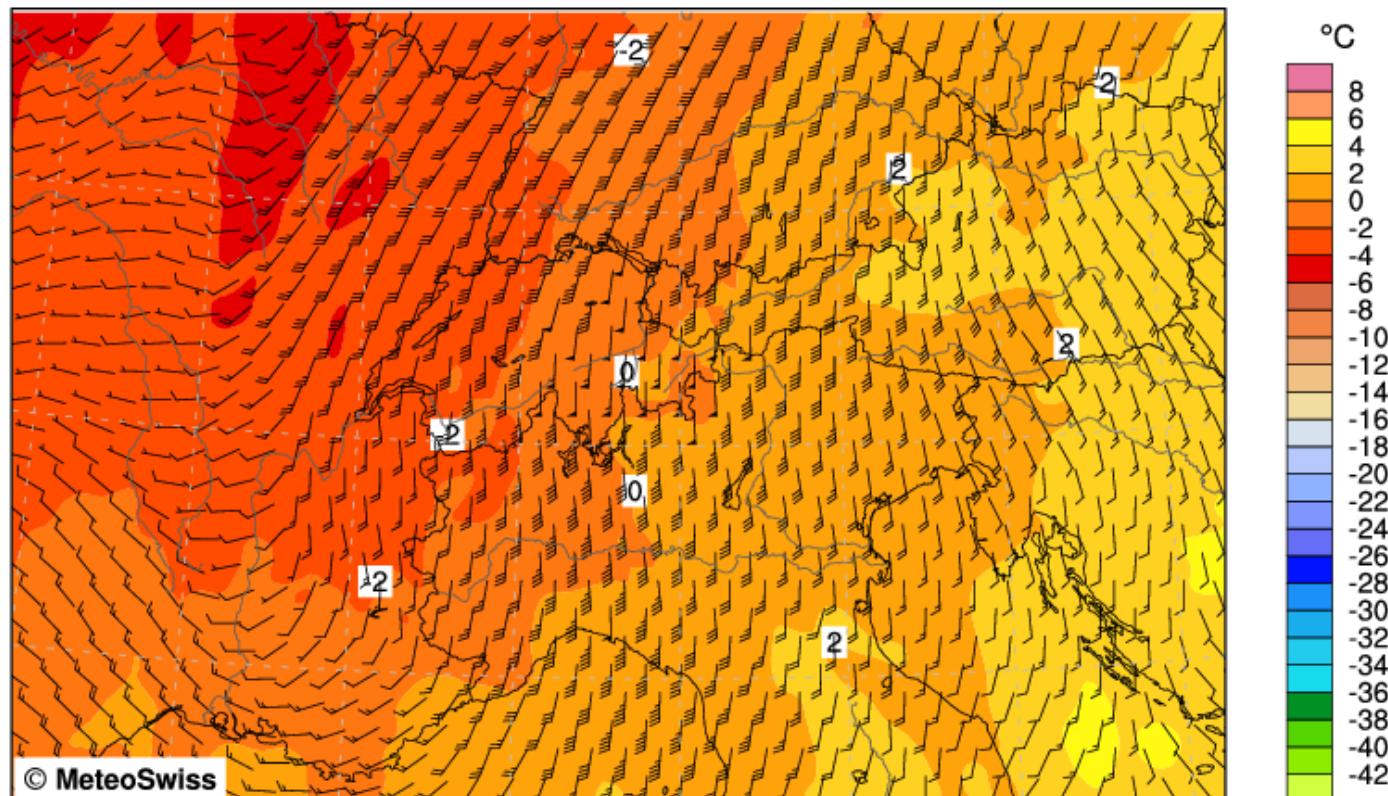
COSMO-7 FORECAST

Version: 921

Temperature and Wind Flags at 4km Height

Mon 02 Jul 2012 12UTC

02.07.2012 00UTC +12h



Air Temperature [deg C], level = 4000 m
wind speed [knots], level = 4000 m

Mean: -0.0 Min/Max: -5.0/ 4.4 [deg C]
Mean: 23.3 Max: 56.2 [knots]



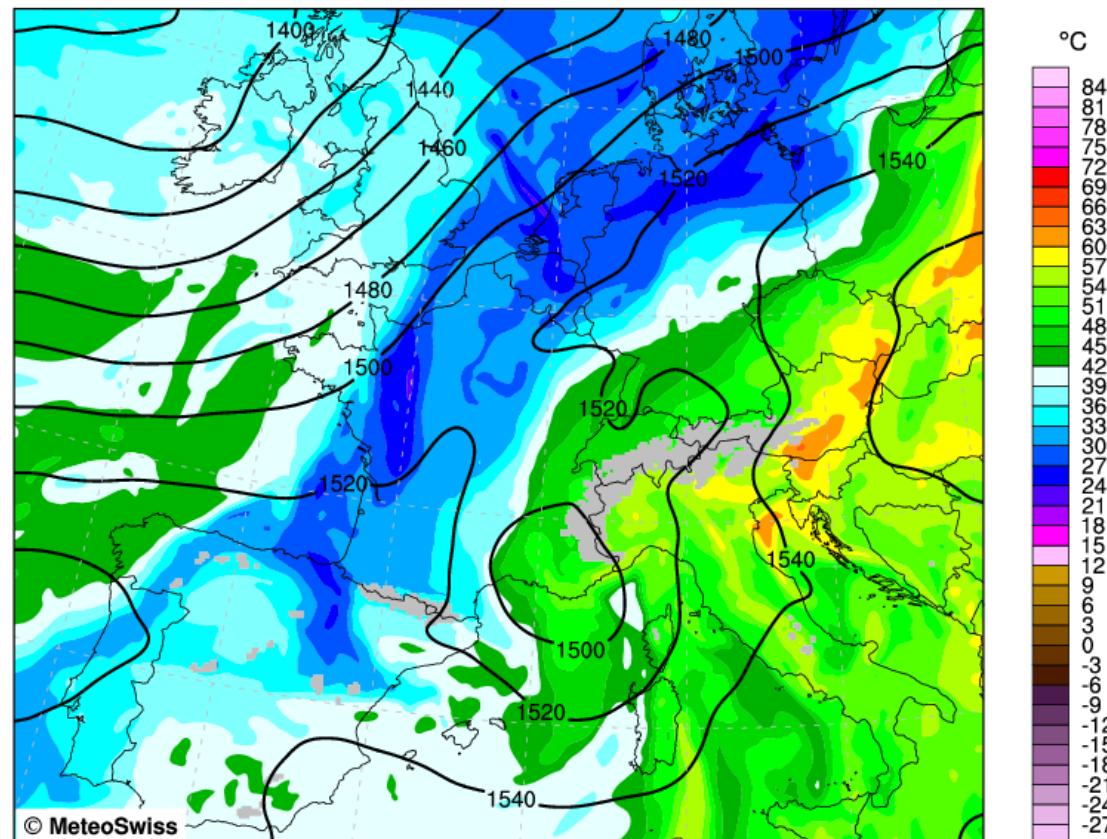
thetae

COSMO-7 FORECAST
850hPa Geopot. and Equivalent Pot. Temperature

Version: 921

Mon 02 Jul 2012 06UTC

02.07.2012 00UTC +06h



Geopotential [gpm], level = 850 hPa
Equivalent Potential Temperature [deg C], level = 850 hPa

Mean: 1527.4 gpm
Mean: 42.9 °C



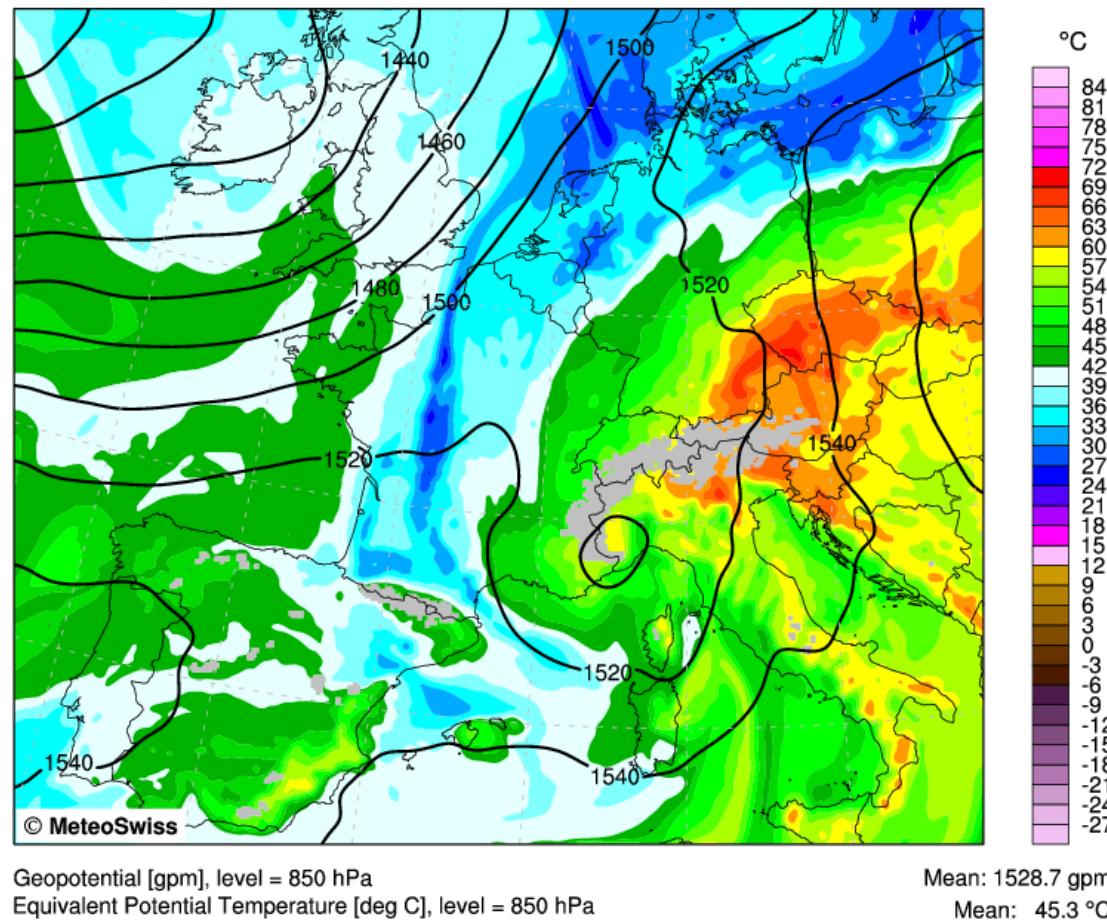
thetae

COSMO-7 FORECAST
850hPa Geopot. and Equivalent Pot. Temperature

Version: 921

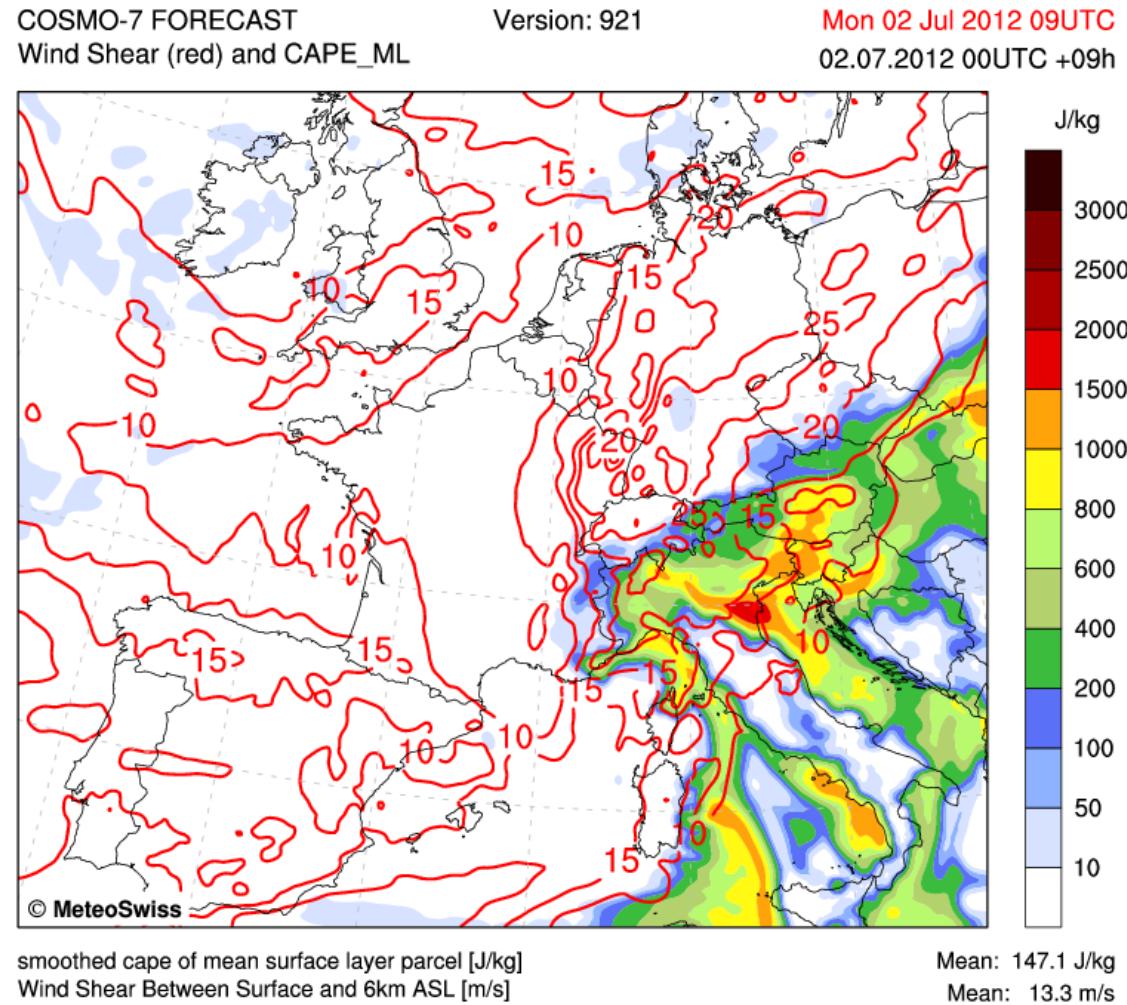
Mon 02 Jul 2012 15UTC

02.07.2012 00UTC +15h



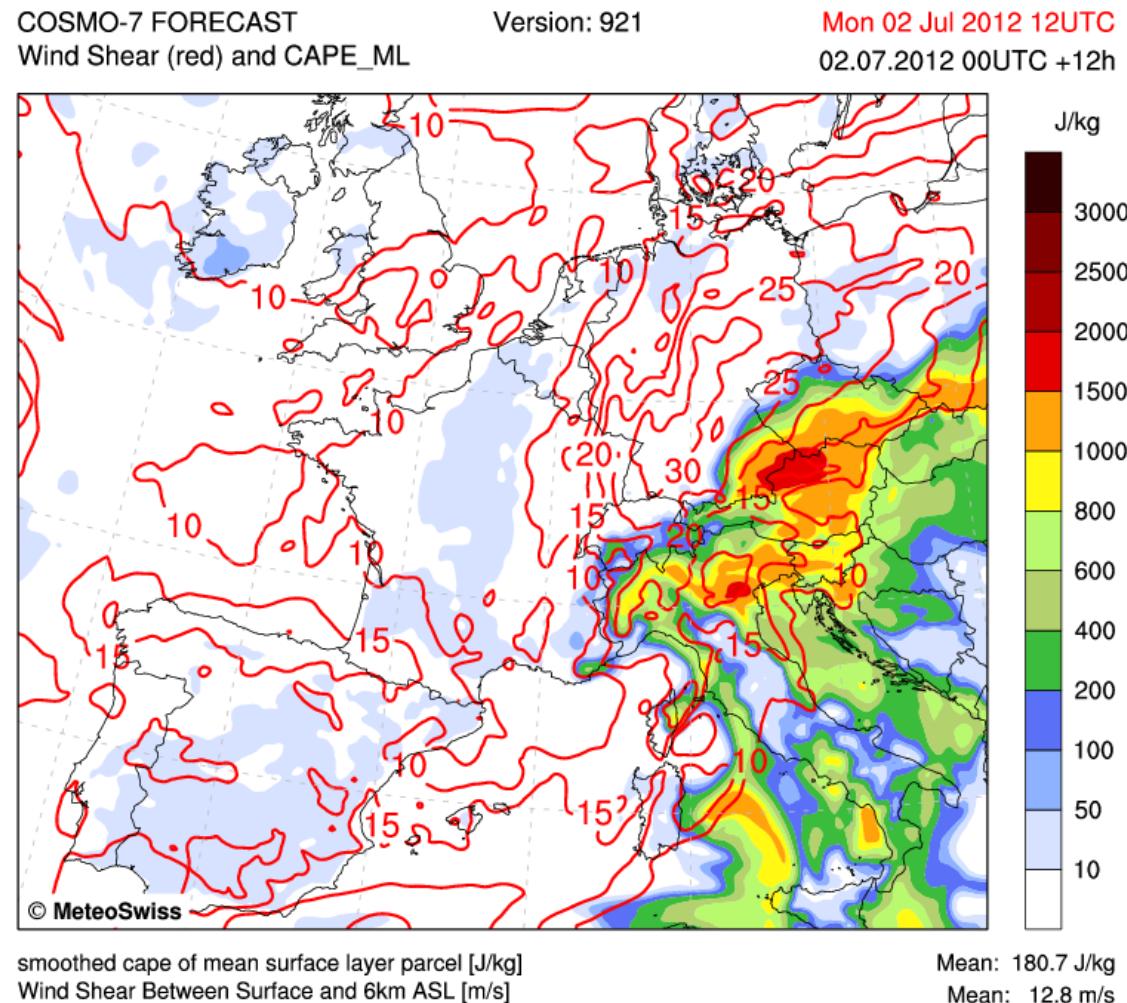


CAPE e taglio di vento





CAPE e taglio di vento



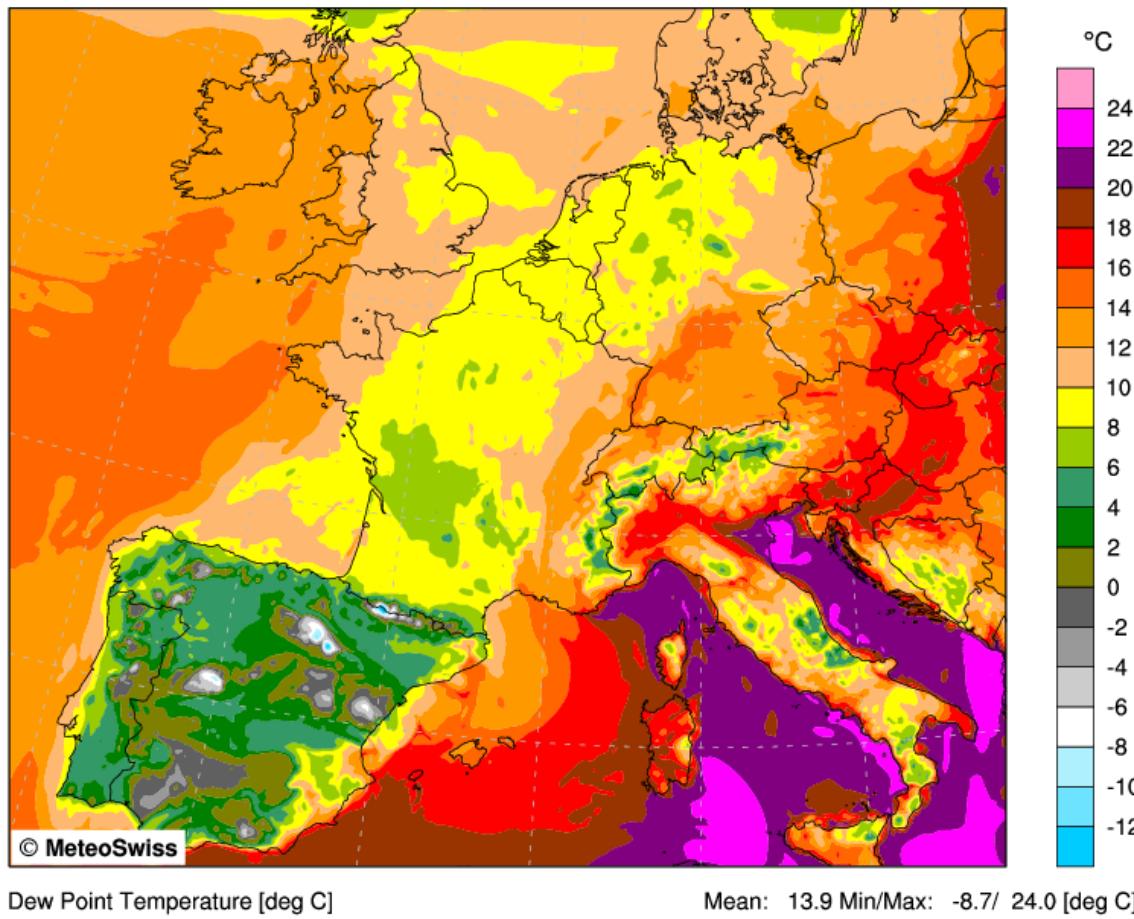


Punto di rugiada

COSMO-7 FORECAST
2m Dew Point Temperature

Version: 921

Mon 02 Jul 2012 06UTC
02.07.2012 00UTC +06h



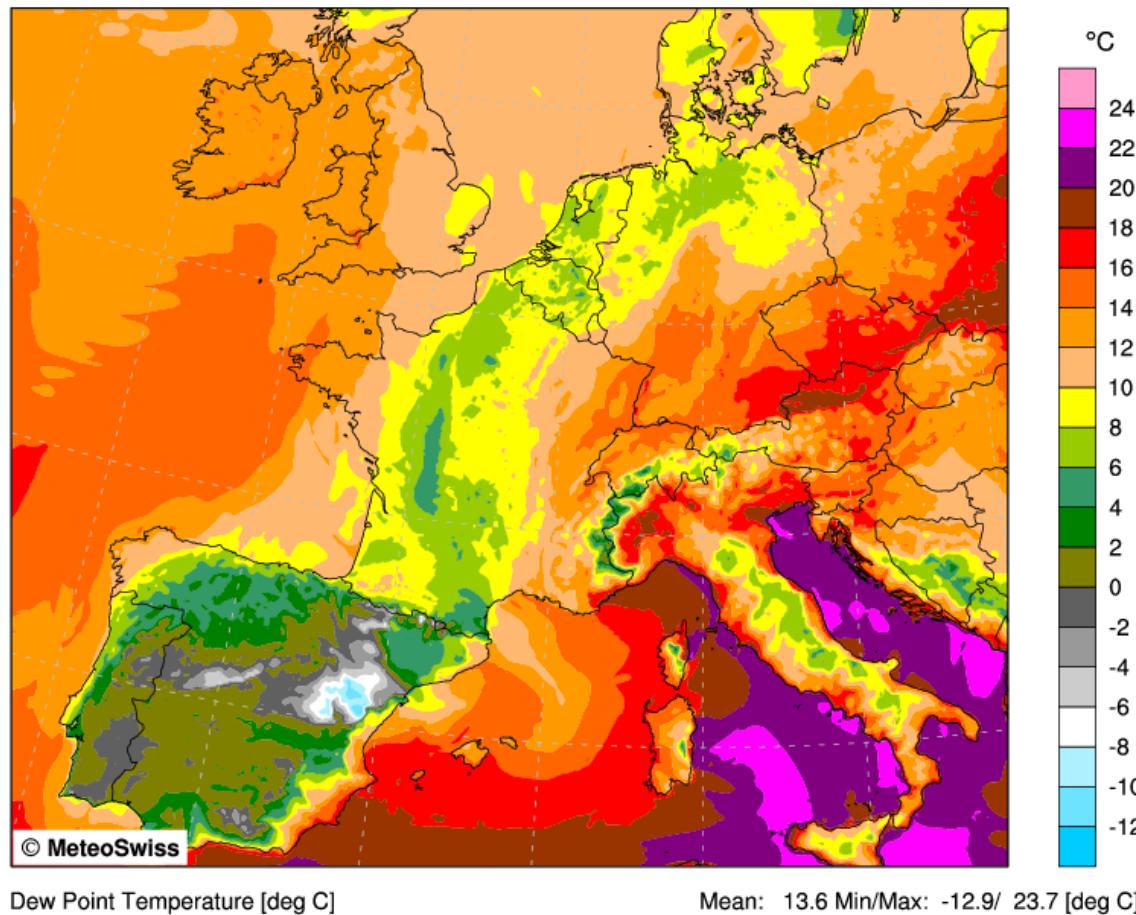


Punto di rugiada

COSMO-7 FORECAST
2m Dew Point Temperature

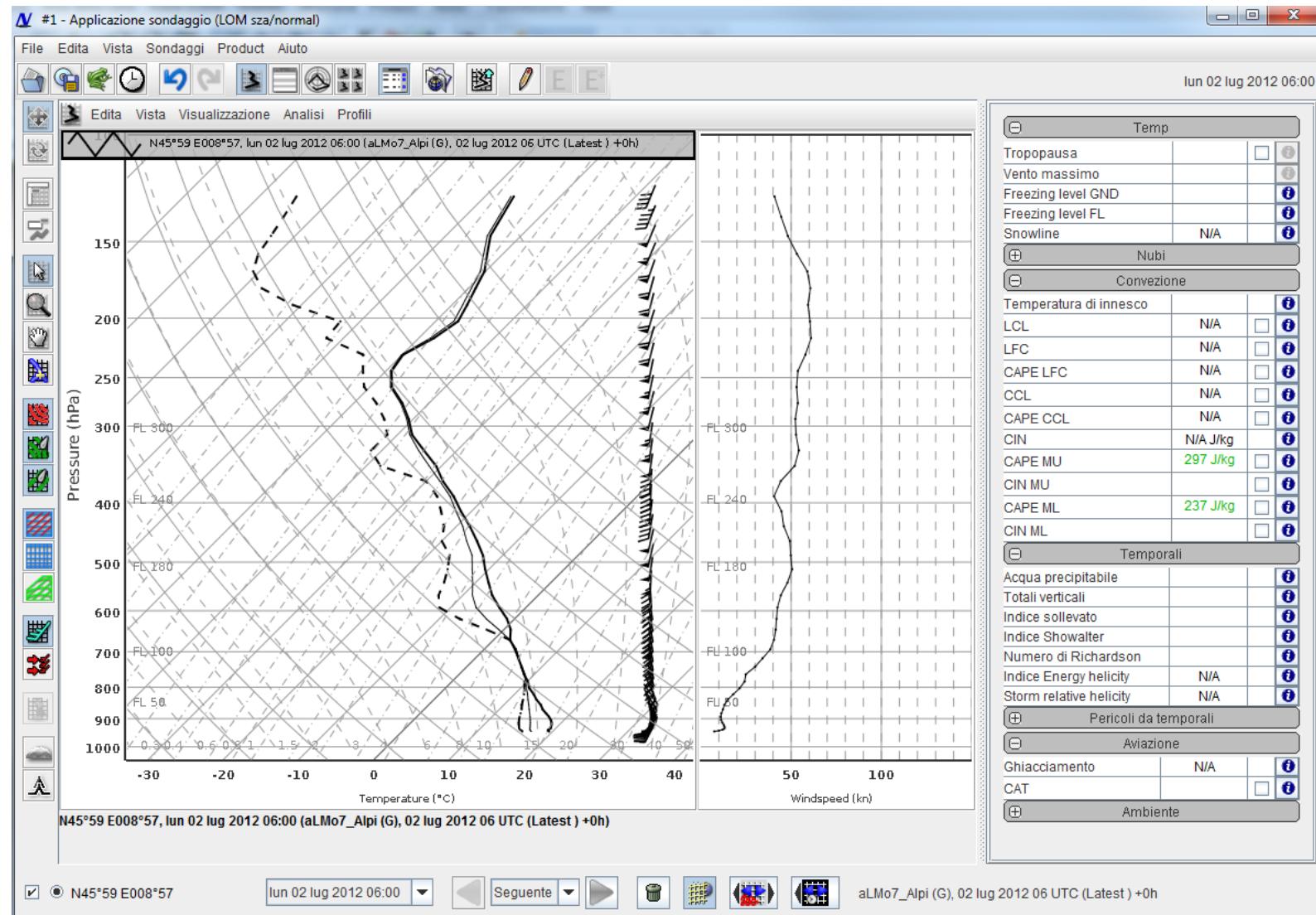
Version: 921

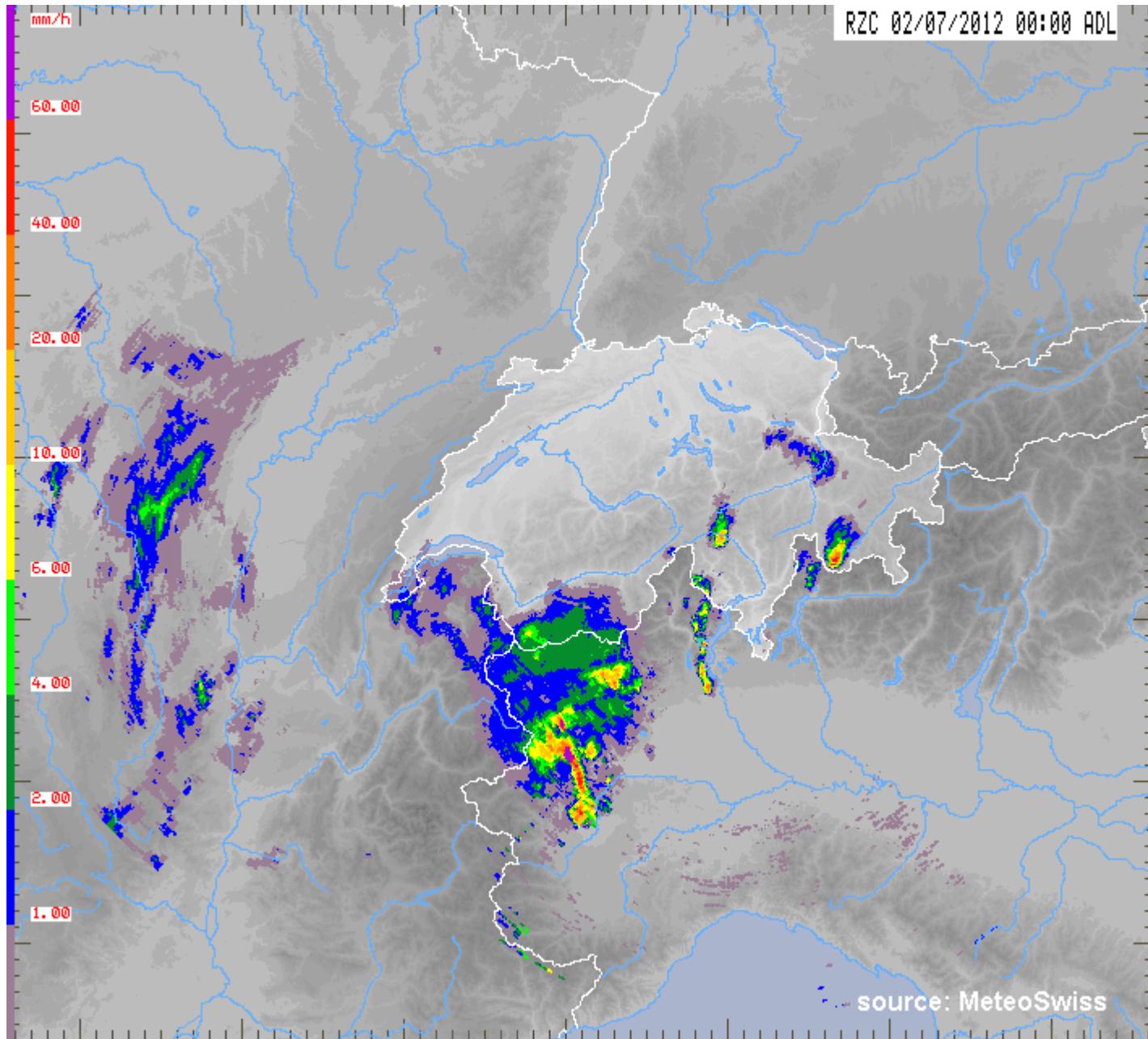
Mon 02 Jul 2012 12UTC
02.07.2012 00UTC +12h

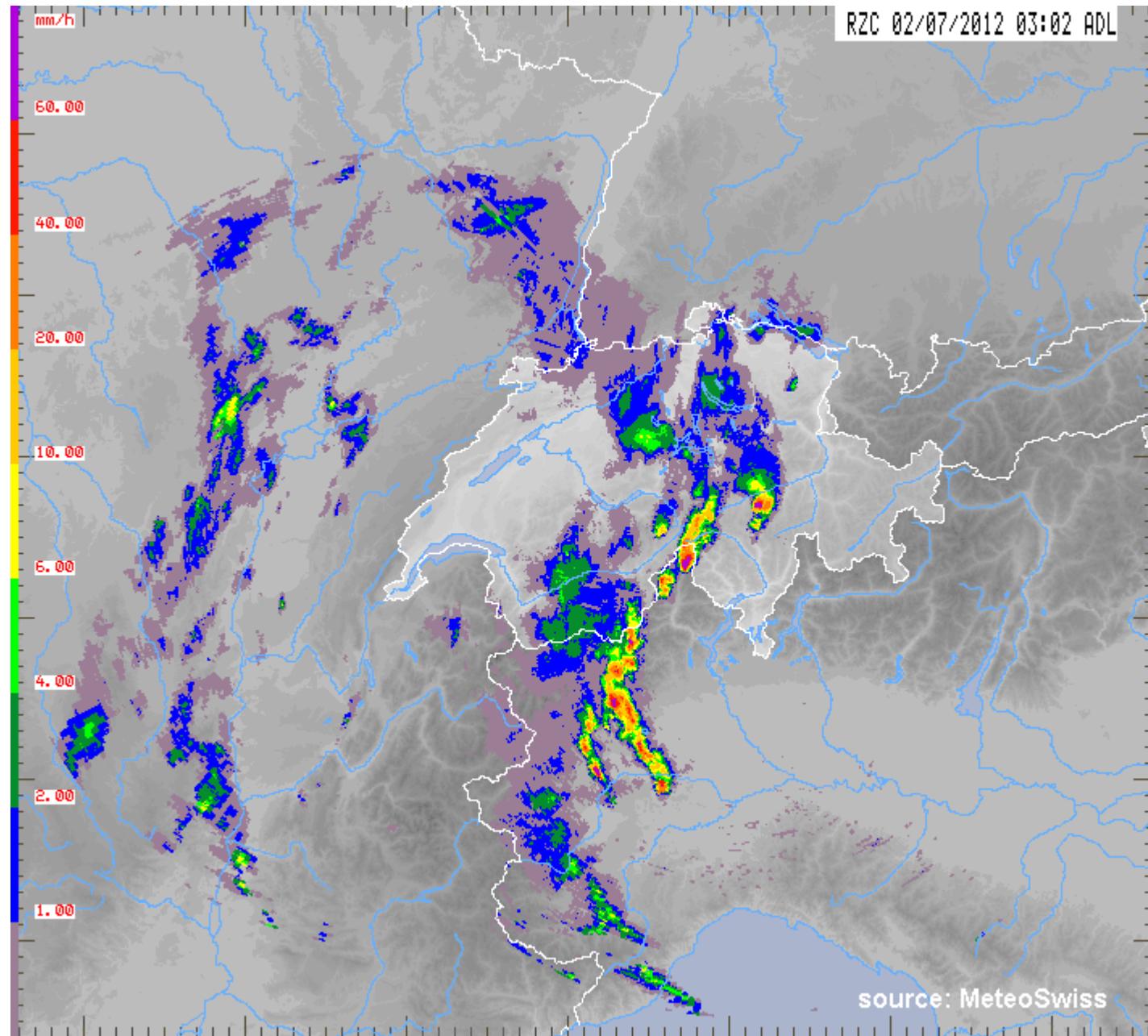




Pseudo radiosondaggio









11.7.2012 violenta grandinata nel Mendrisiotto





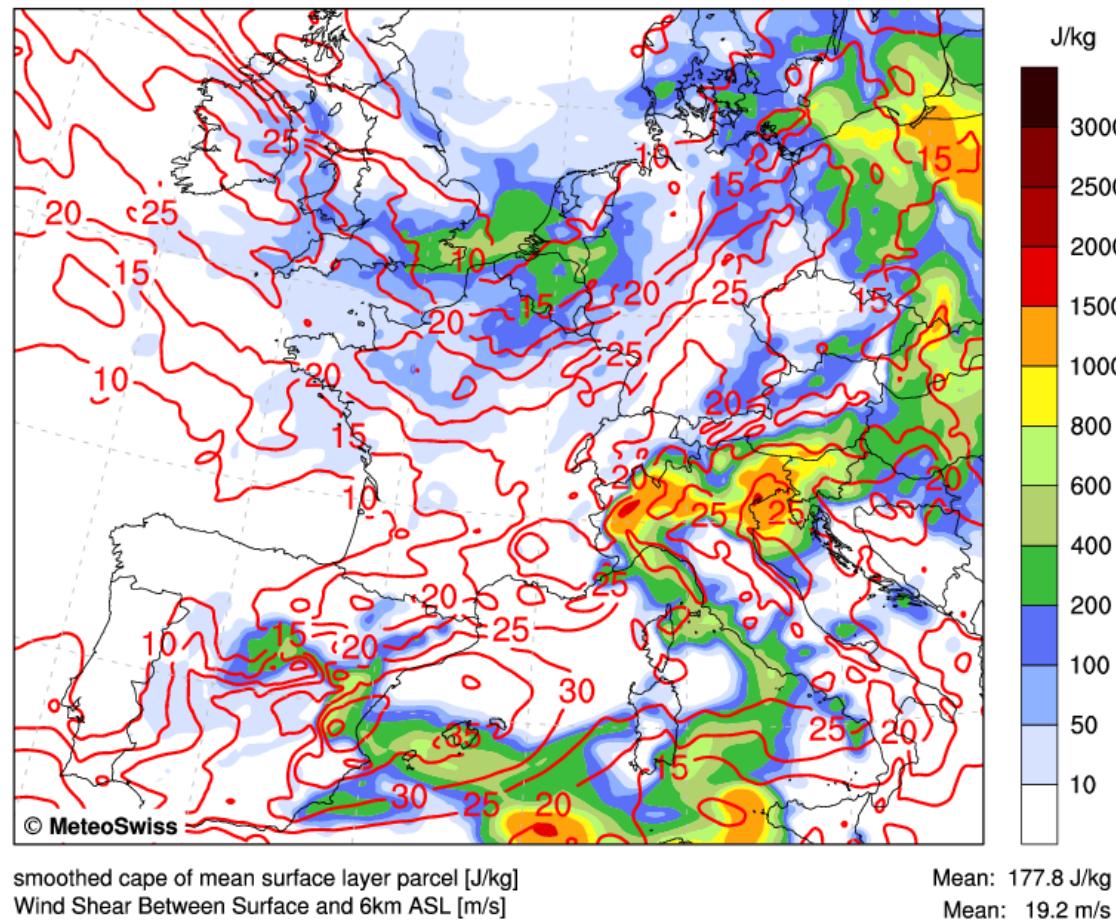
CAPE e shear ore 20:00

COSMO-7 FORECAST
Wind Shear (red) and CAPE_ML

Version: 921

Wed 11 Jul 2012 18UTC

11.07.2012 12UTC +06h





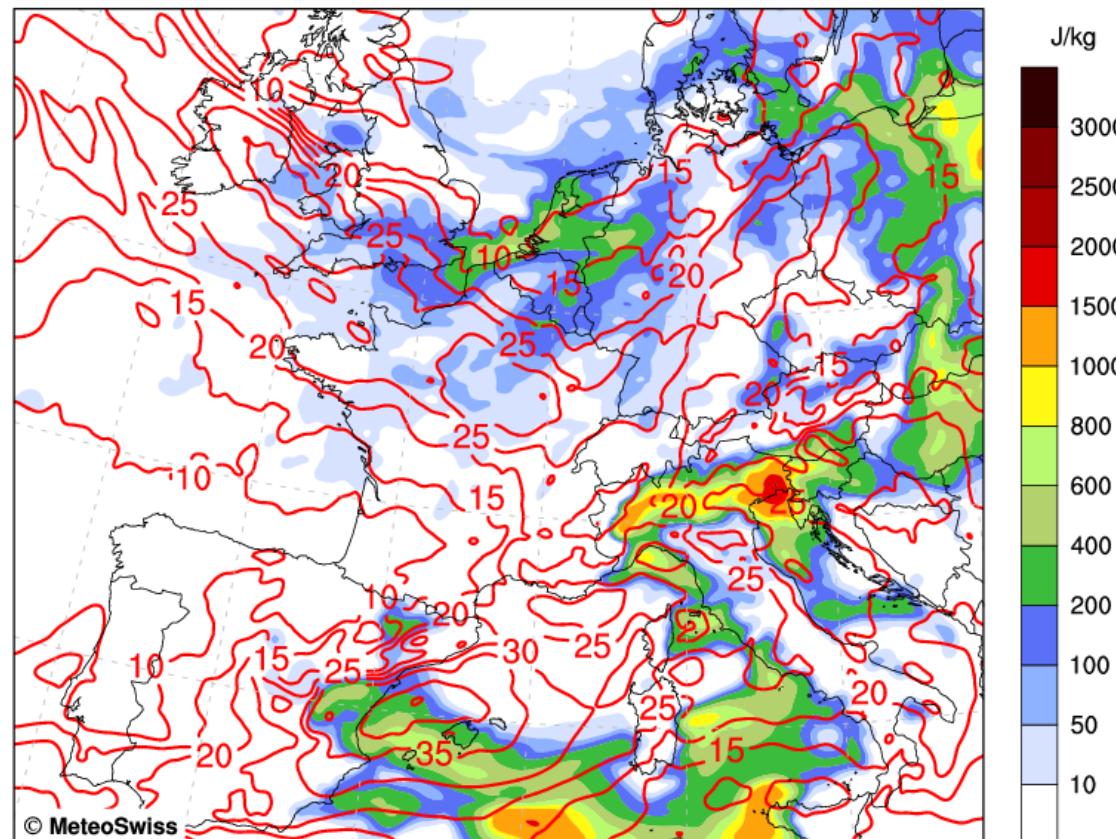
CAPE e shear ore 23:00

COSMO-7 FORECAST
Wind Shear (red) and CAPE_ML

Version: 921

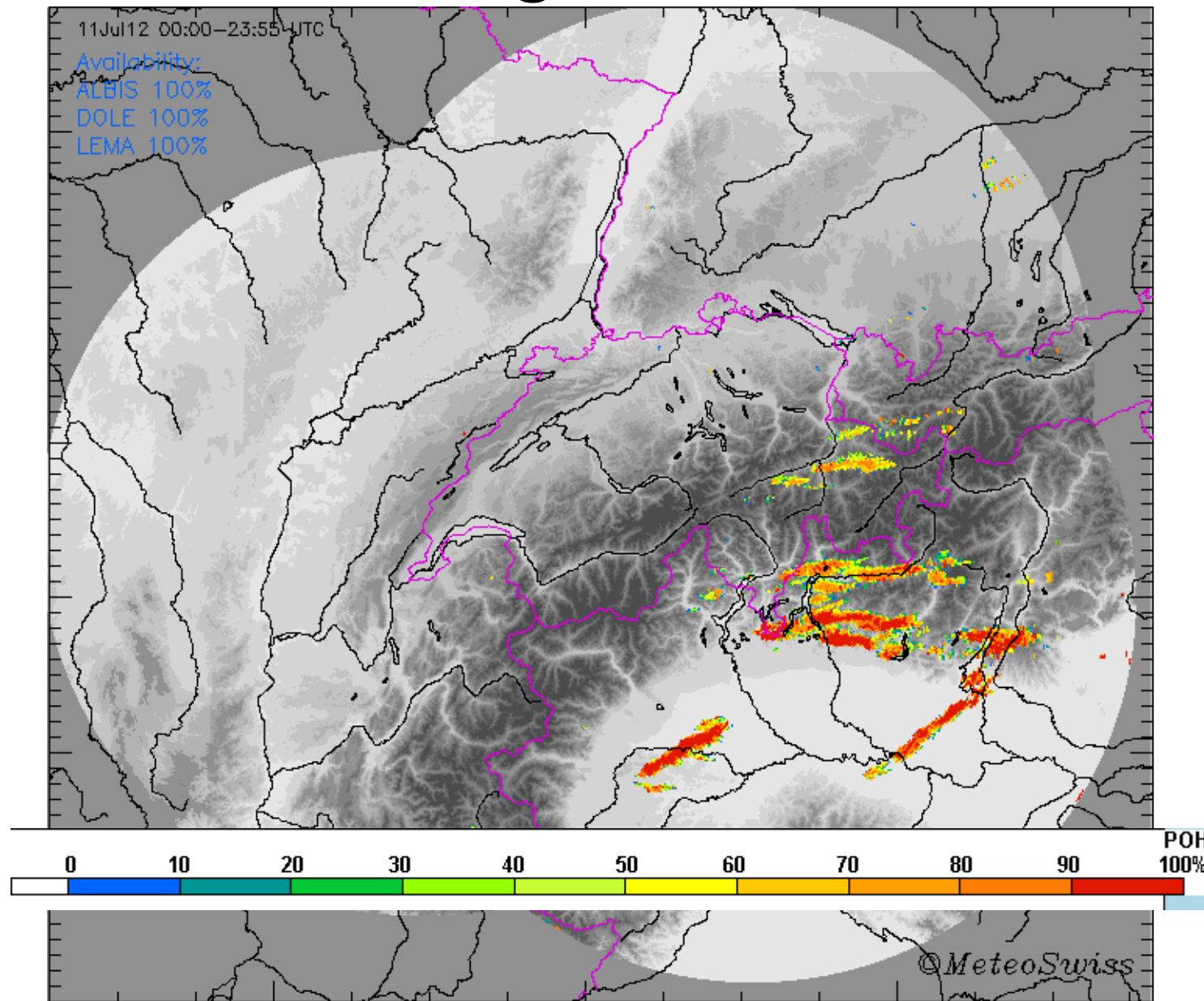
Wed 11 Jul 2012 21UTC

11.07.2012 12UTC +09h



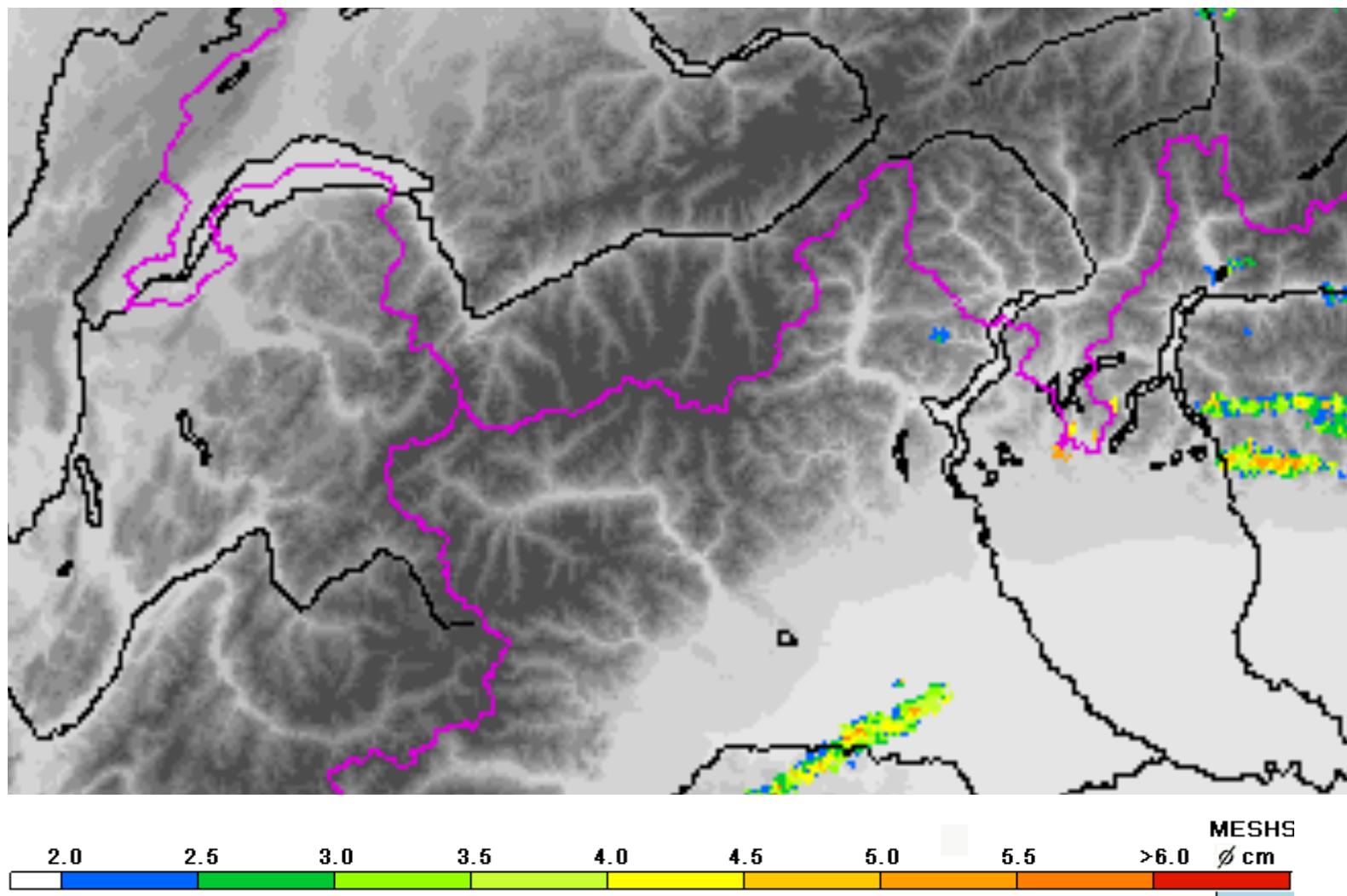


Probabilità di grandine





Dimensione della grandine



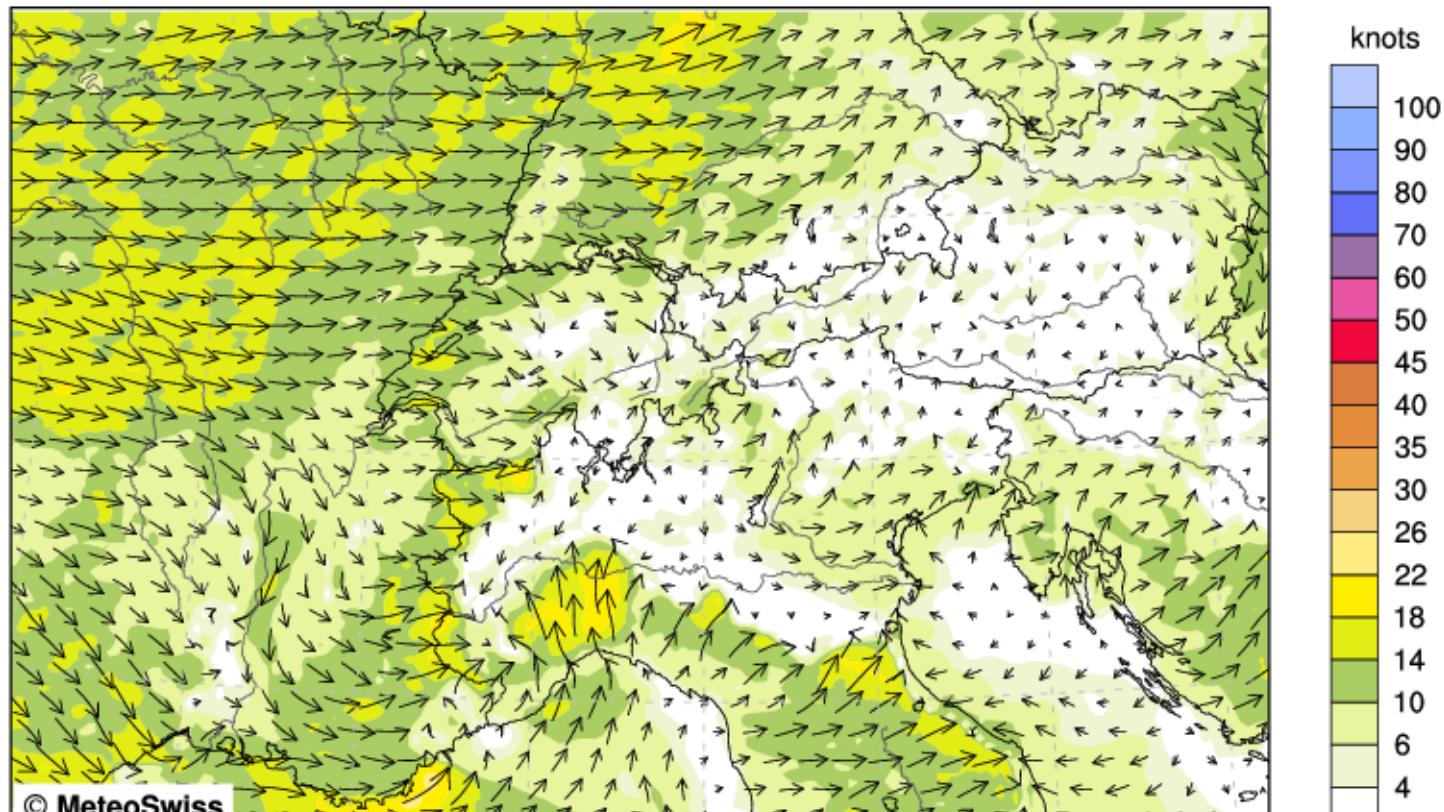


UV 10m

COSMO-7 FORECAST
10m Wind Speed

Version: 921

Wed 11 Jul 2012 15UTC
11.07.2012 12UTC +03h



wind speed [knots]

Mean: 9.0 Max: 23.1 [knots]

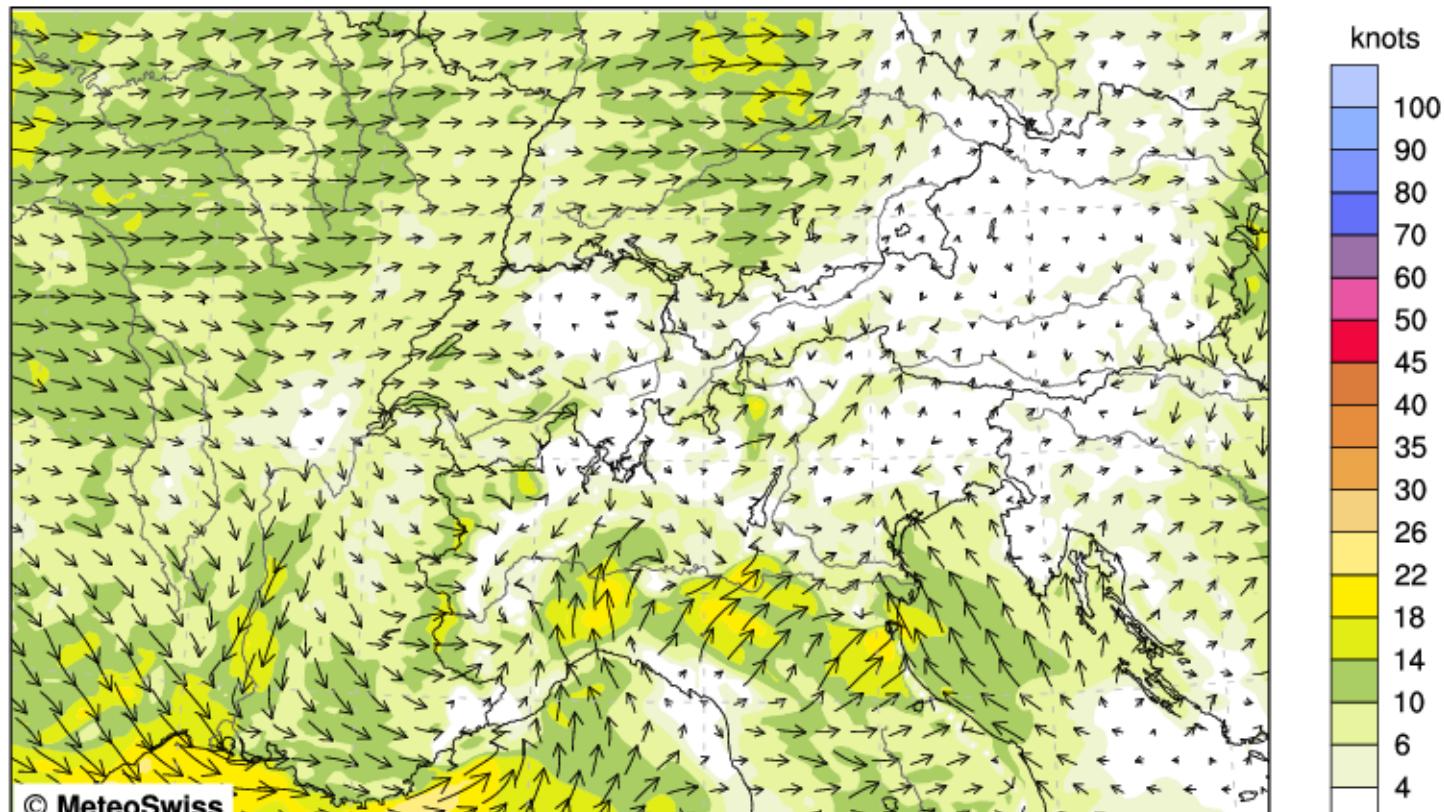


UV 10m

COSMO-7 FORECAST
10m Wind Speed

Version: 921

Wed 11 Jul 2012 18UTC
11.07.2012 12UTC +06h

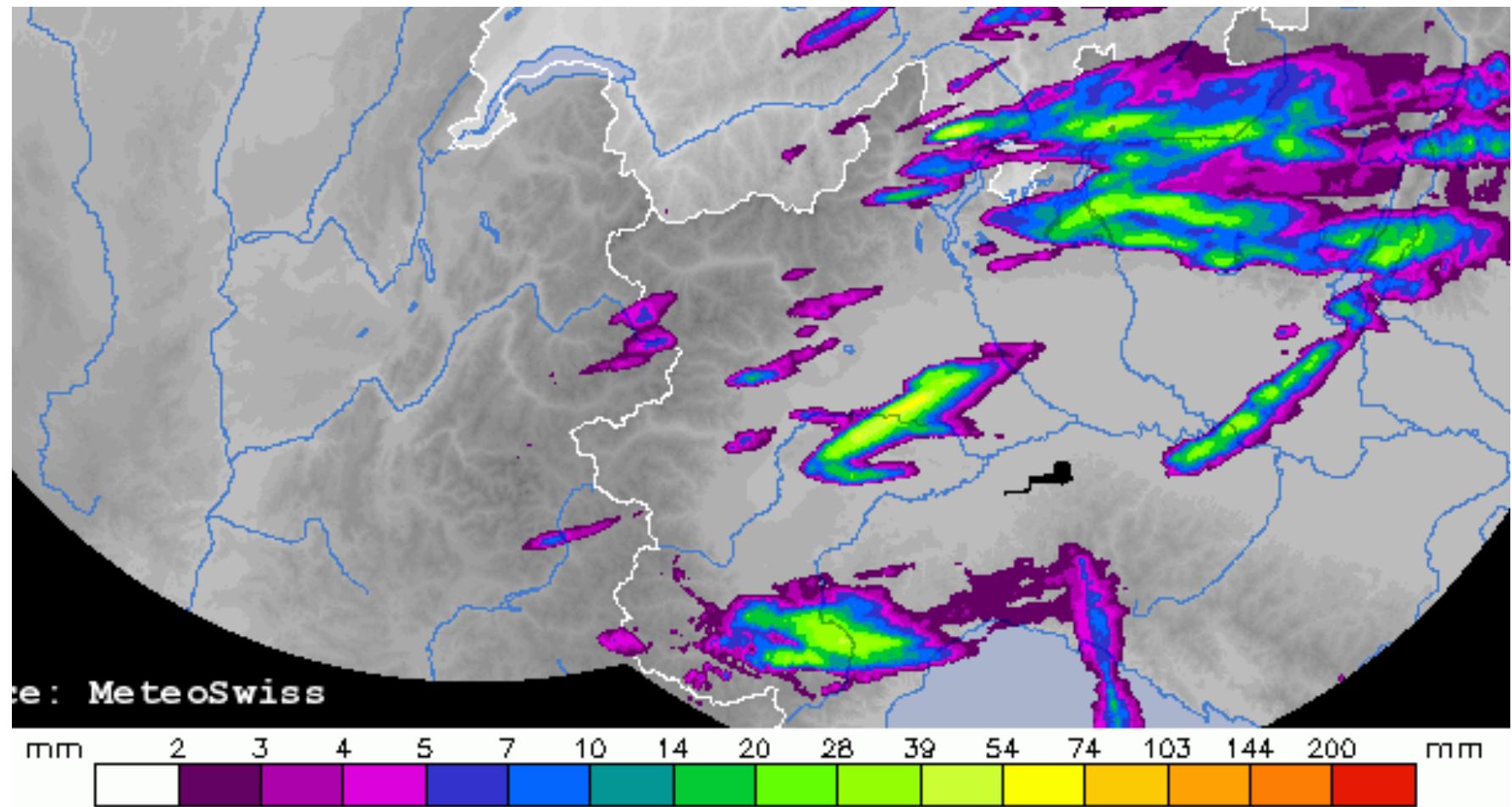


wind speed [knots]

Mean: 8.1 Max: 25.9 [knots]



Accumuli di pioggia limitati





28.7 frana in valle di Blenio



Devastante frana in alta Val di Blenio

La natura si è scatenata sabato in Val Camadra interrompendo la strada. Persone in salvo, ma grossi danni

«Uno scenario incredibile». Così Mario Giamboni, grande conoscitore della regione, definisce gli effetti della frana che sabato pomeriggio ha devastato la strada consortile della Val Camadra, in alta Val di Blenio, interrompendo il collegamento verso la Greina e isolando così il monte di Dalgia e gli alpeggi della zona. Numerosi pascoli sono stati danneggiati e il ripristino della strada richiederà presumibilmente mesi, mentre le sette persone rimaste bloccate in quota sono state fortunatamente risparmiate dall'impegno della natura e poi recuperate da un elicottero della Rega. L'allarme è scattato intorno alle 16.

Abbiamo contattato Giamboni telefonicamente ieri pomeriggio al rientro da un sopralluogo personale durante il quale, com'è sua consuetudine, ha voluto documentare l'evento naturale, che lo ha impressionato (pubblichiamo una delle sue fotografie qui a fianco). Già segretario comunale di Campo Blenio e Ghirone, oltre che autore di numerose ricerche storiche sull'alta Valle del Sole, ci ha spiegato che quanto accaduto nel corso dei weekend non ha precedenti in quel punto. «D'inverno quasi ogni anno scende la valanga, ma di frane di queste dimensioni non se ne erano mai viste, a memoria d'uomo». Il bus turistico delle Autolinee Bleniesi verosimilmente per molto tempo non potrà più effettuare le sue corse turistiche in direzione 'Plan Gialrett', in fondo alla



La strada consortile verso la Greina è stata spazzata via in questo punto



Rega, Cas, polizia e pompieri sono intervenuti con base a Campo Blenio

Val Camadra, sotto la capanna Scaletta. Le conseguenze dello scoscendimento – quantificabili in alcune migliaia di metri cubi di materiale – impone infatti importanti lavori su quei 20-30 metri di strada che «sono stati letteralmente spazzati via insieme al "travacò».

«Praticamente – prosegue Mario Giamboni – ora si vede la valle laterale Vallagrasca nella sua conformazione originale a 'v', come si presentava prima

della costruzione della strada, negli anni Cinquanta del secolo scorso».

Ma cosa è successo, concretamente? In parole povere, a quota 1'800-2'000 metri, in seguito alle forti precipitazioni, si è creato uno sbarramento naturale formato da acqua e detriti vari che si è ingrossato progressivamente fino a scoppiare. In quel momento, sabato pomeriggio, tutto il materiale accumulatosi è rovinato a valle per centinaia di metri:

un'ondata alta diversi metri che ha devastato tutto ciò che ha incontrato sul suo cammino, compresa appunto la strada consortile della Val Camadra. Parte del materiale è poi finito nel Brenno, conferendo un colore scurissimo al fiume lungo tutta la Valle del Sole, dove non ci sono tuttavia state conseguenze.

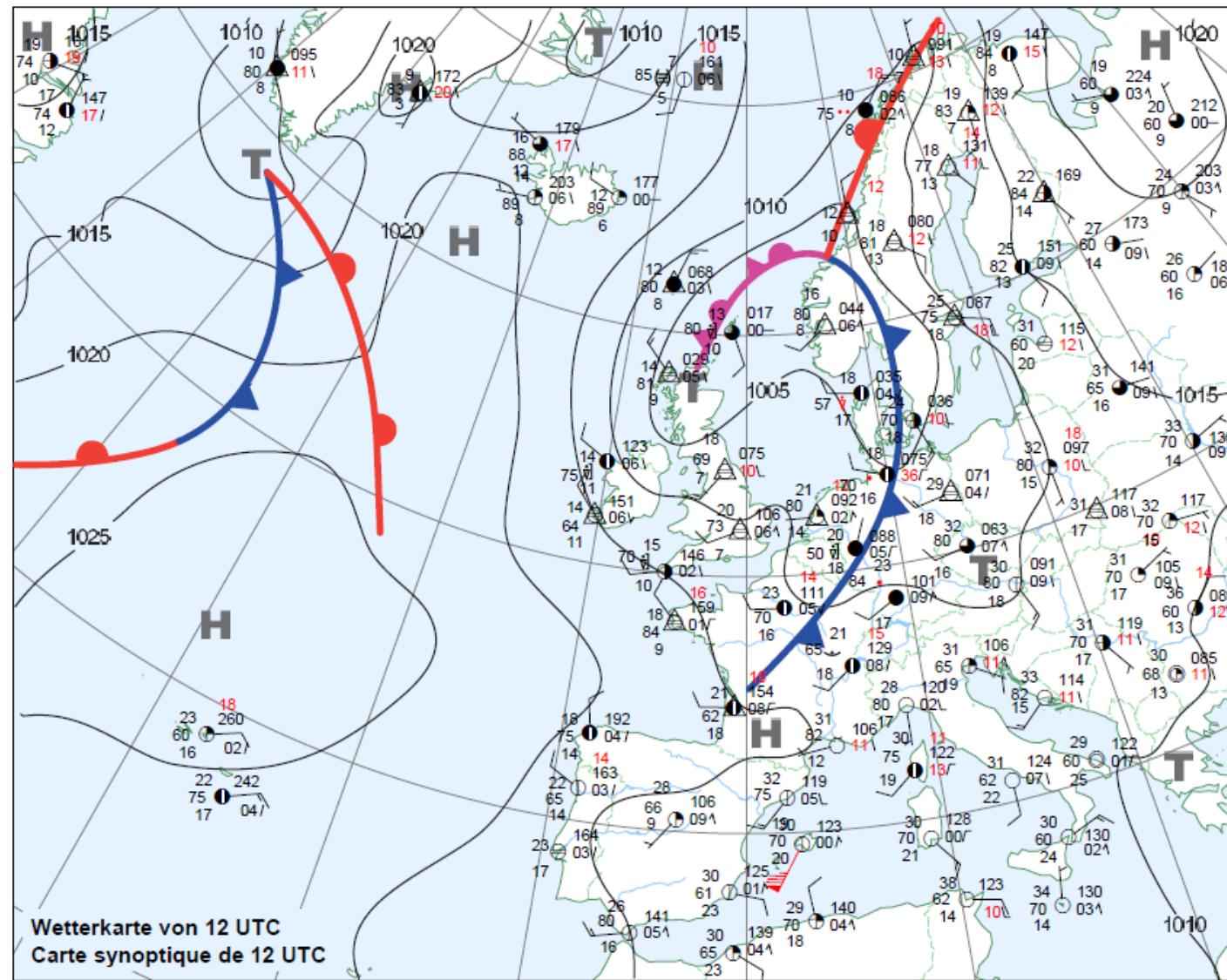
Come detto, tutte le persone rimaste isolate a causa della frana sono state messe in salvo dal Club alpino svizzero e da un elicottero della Rega. Si tratta di alcuni turisti e del pastore dell'alpe Camadra, in totale sette persone.

Cinque mucche sono state inghiottite dalle acque del torrente improvvisamente ingrossato: le carcasse saranno recuperate appena possibile. Nella zona della frana oltre a due pattuglie del Reparto mobile della Polizia cantonale sono intervenuti anche i pompieri di Olivone.

SIBER

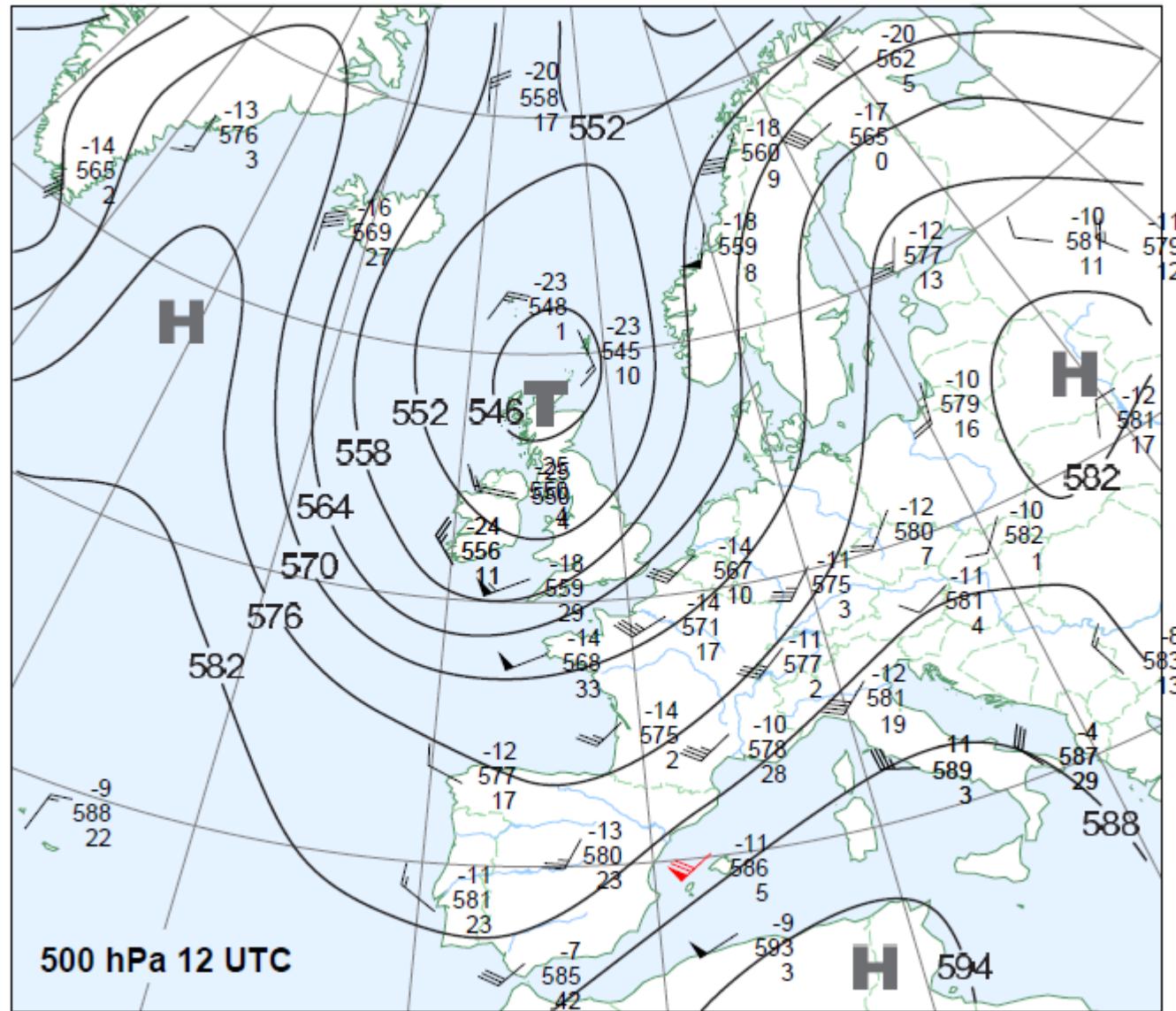


28.7 situazione al suolo





z@500hPa



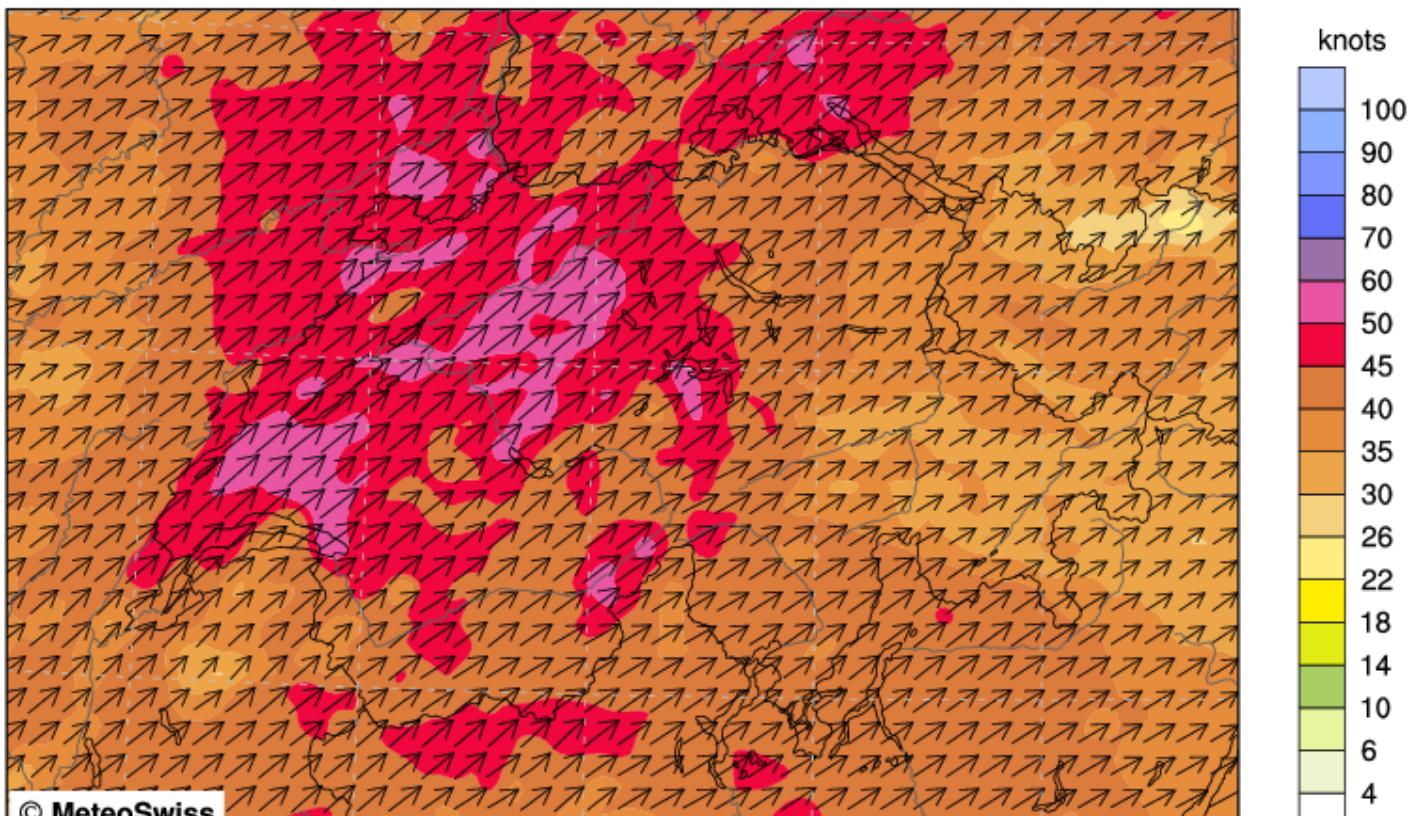


UV 500 hPa

COSMO-2 ANALYSIS
500hPa (5500m) Wind and Windspeed

Version: 923

Sat 28 Jul 2012 06UTC
28.07.2012 06UTC +00h



wind speed [knots], level = 500 hPa

Mean: 42.1 Max: 55.6 [knots]

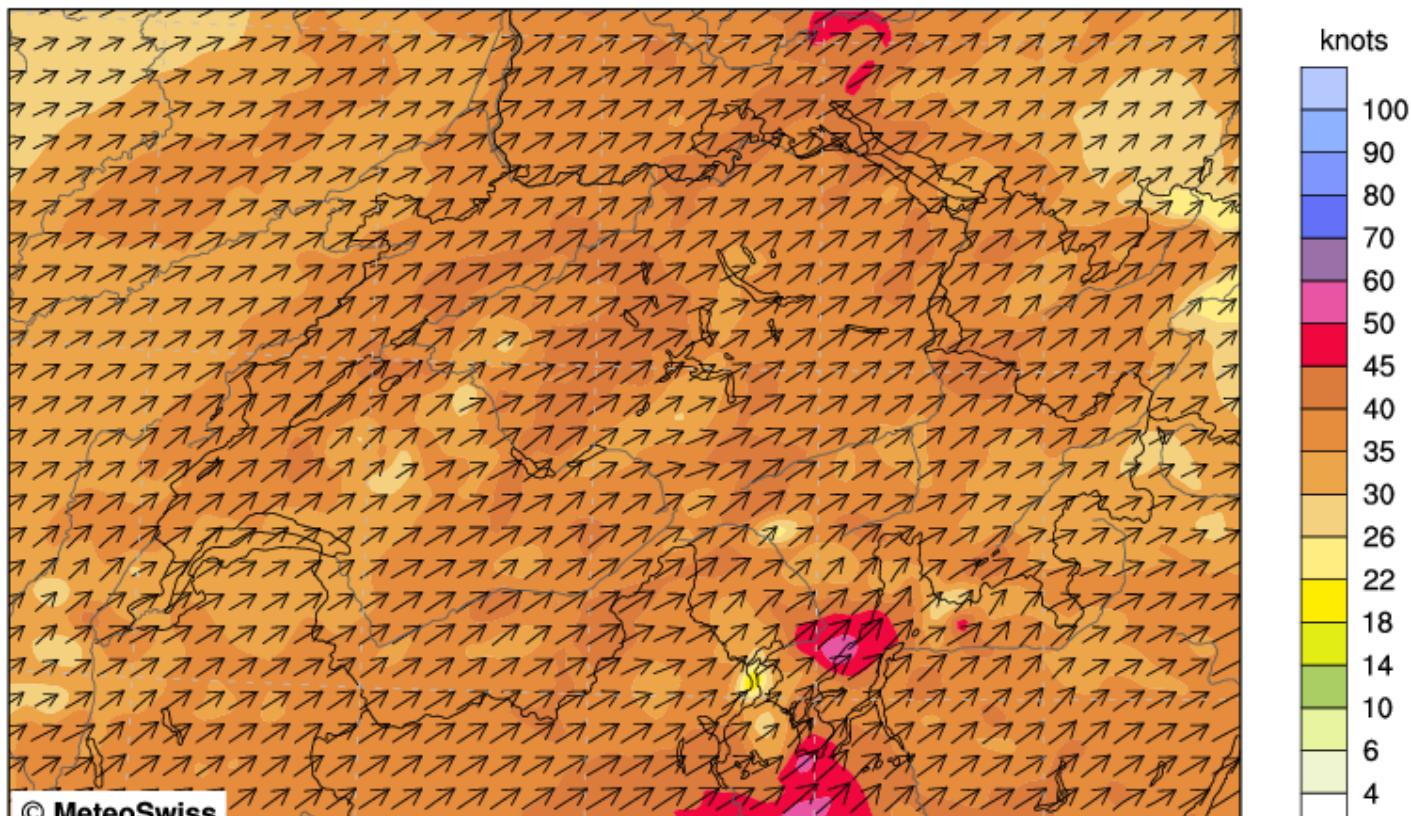


UV 500 hPa

COSMO-2 FORECAST
500hPa (5500m) Wind and Windspeed

Version: 923

Sat 28 Jul 2012 09UTC
28.07.2012 06UTC +03h



wind speed [knots], level = 500 hPa

Mean: 36.5 Max: 51.8 [knots]

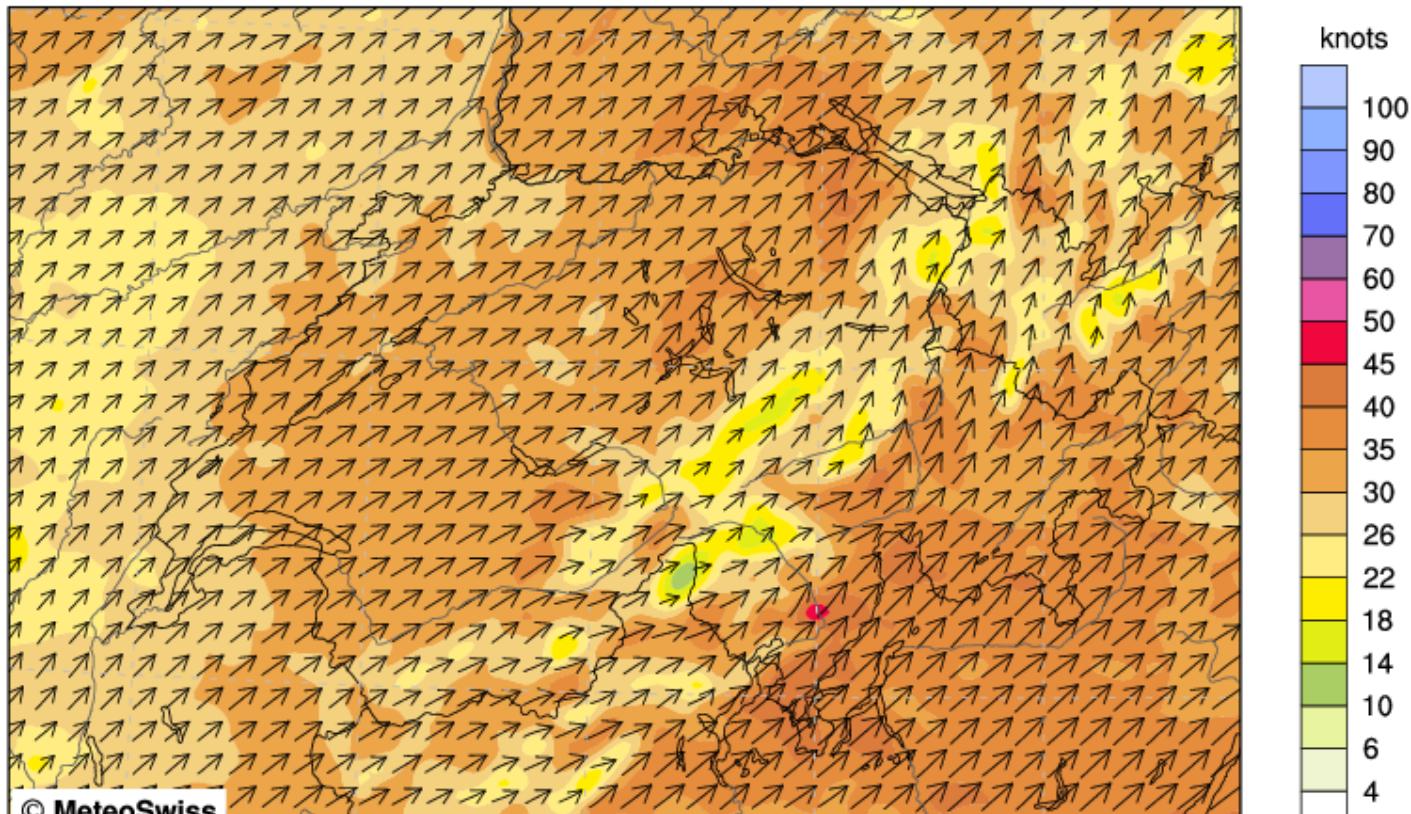


UV 500 hPa

COSMO-2 FORECAST
500hPa (5500m) Wind and Windspeed

Version: 923

Sat 28 Jul 2012 15UTC
28.07.2012 06UTC +09h



wind speed [knots], level = 500 hPa

Mean: 31.1 Max: 47.2 [knots]



UV 4000m

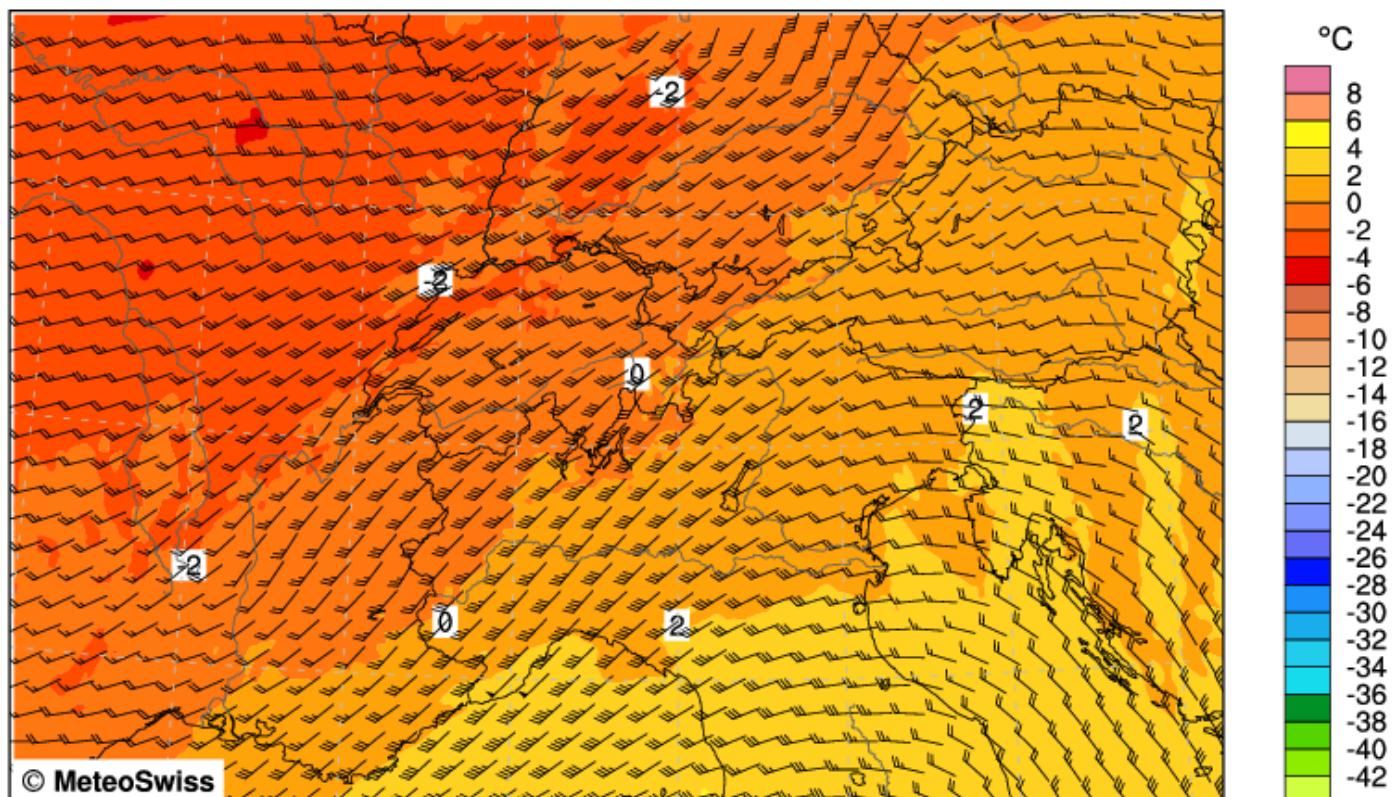
COSMO-2 FORECAST

Version: 923

Sat 28 Jul 2012 09UTC

Temperature and Wind Flags at 4km Height

28.07.2012 06UTC +03h



Air Temperature [deg C], level = 4000 m
wind speed [knots], level = 4000 m

Mean: -0.0 Min/Max: -4.3/ 4.0 [deg C]
Mean: 26.0 Max: 54.7 [knots]



UV 4000m

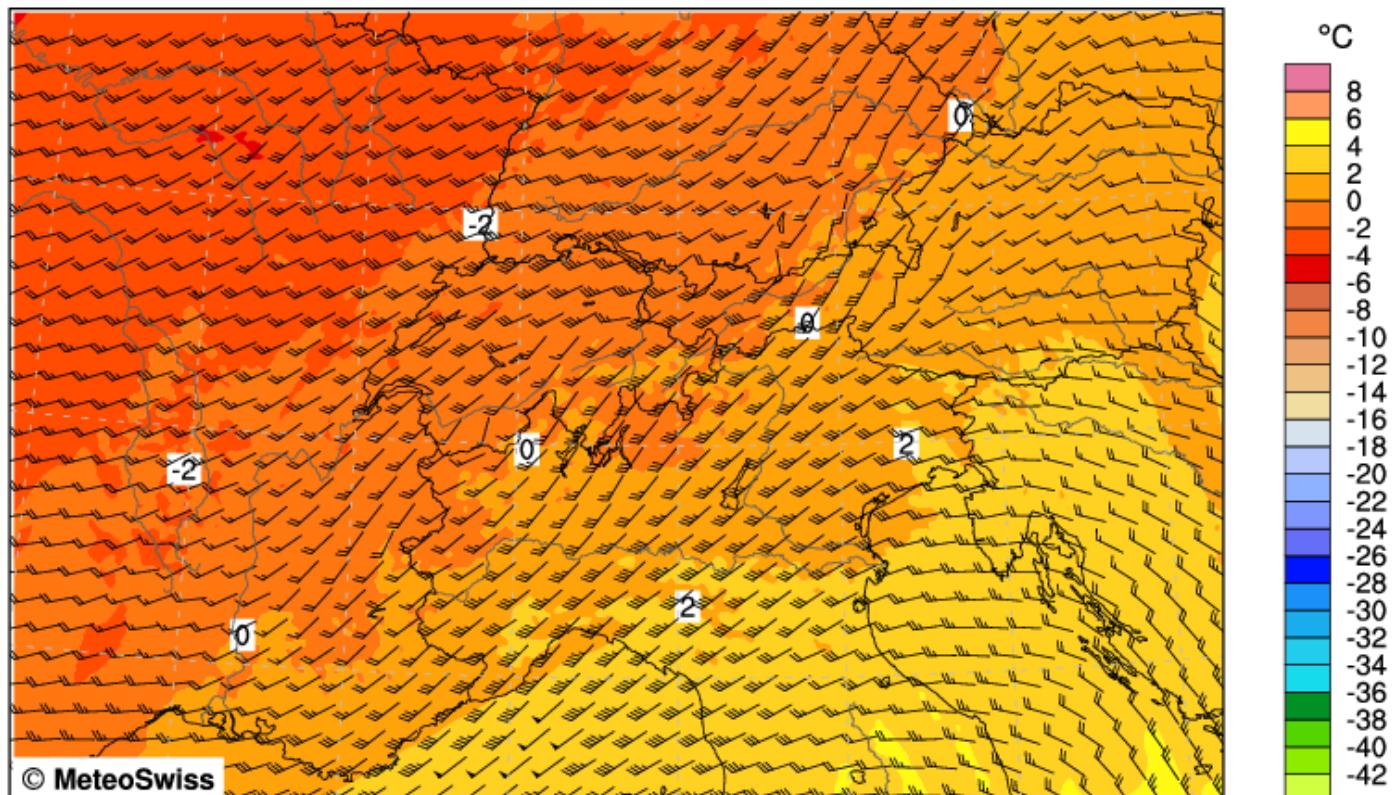
COSMO-2 FORECAST

Version: 923

Sat 28 Jul 2012 12UTC

Temperature and Wind Flags at 4km Height

28.07.2012 06UTC +06h



Air Temperature [deg C], level = 4000 m
wind speed [knots], level = 4000 m

Mean: 0.2 Min/Max: -4.2/ 4.4 [deg C]
Mean: 25.5 Max: 51.7 [knots]



UV 4000m

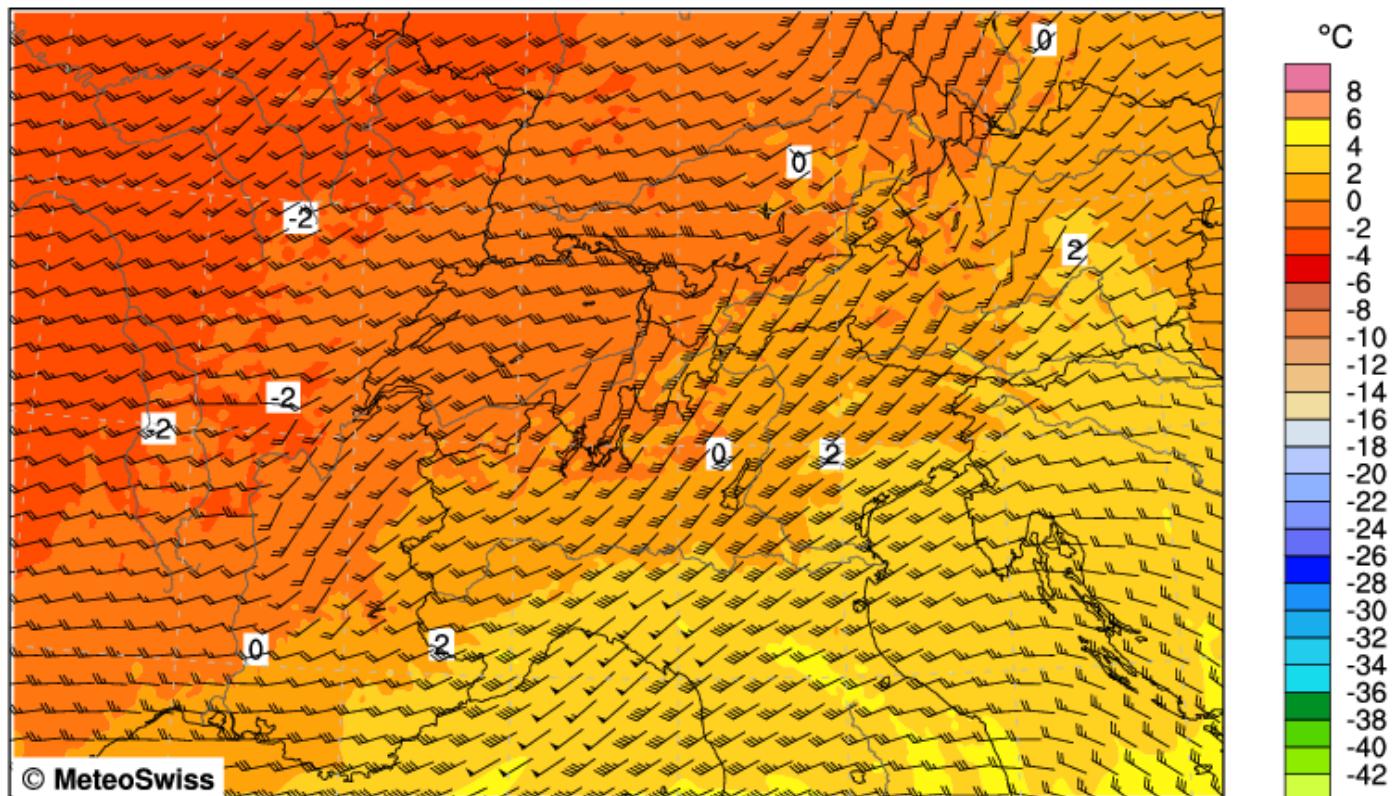
COSMO-2 FORECAST

Version: 923

Sat 28 Jul 2012 15UTC

Temperature and Wind Flags at 4km Height

28.07.2012 06UTC +09h



Air Temperature [deg C], level = 4000 m
wind speed [knots], level = 4000 m

Mean: 0.5 Min/Max: -4.0/ 5.0 [deg C]
Mean: 26.2 Max: 59.5 [knots]

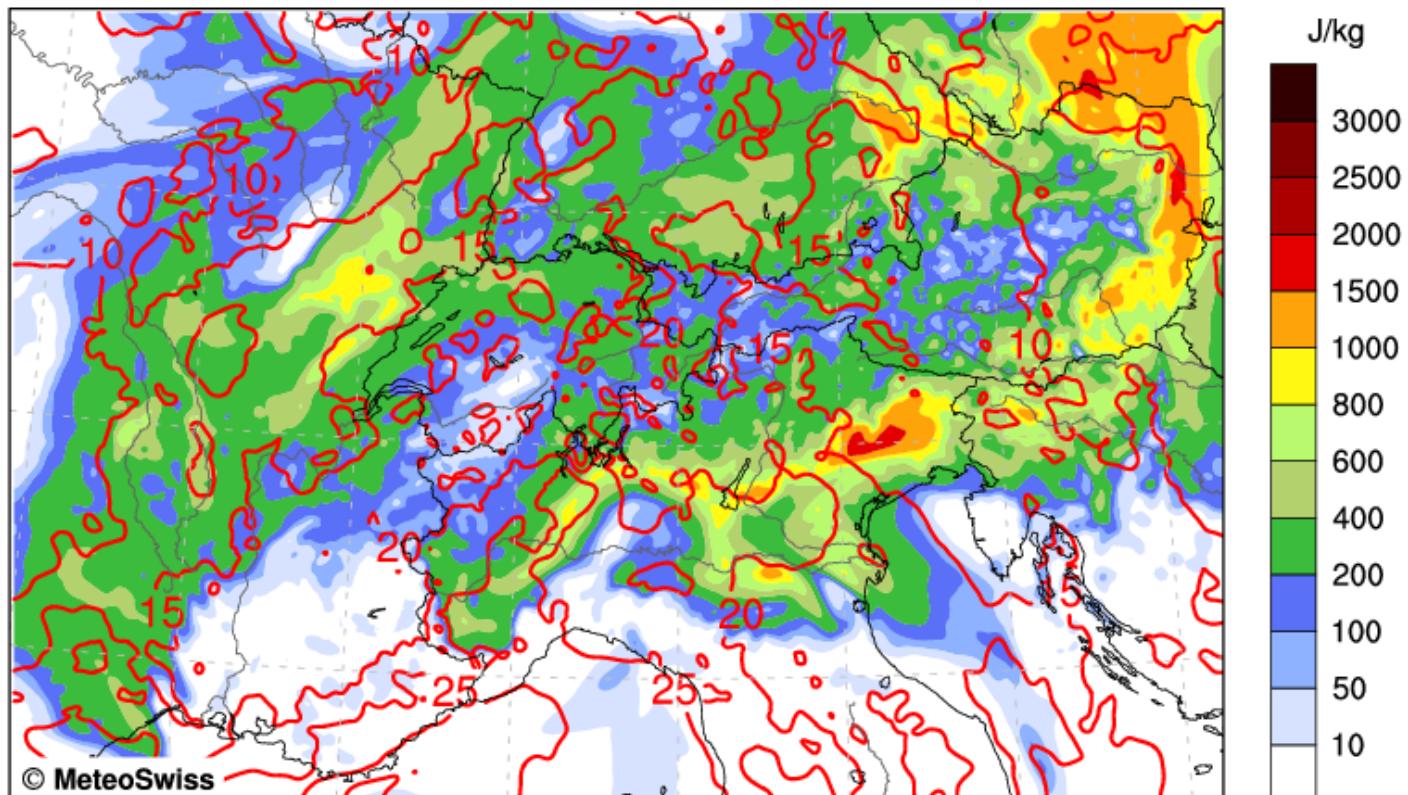


CAPE e wind shear

COSMO-2 FORECAST
Wind Shear (red) and CAPE_ML

Version: 923

Sat 28 Jul 2012 09UTC
28.07.2012 06UTC +03h



smoothed cape of mean surface layer parcel [J/kg]
Wind Shear Between Surface and 6km ASL [m/s]

Mean: 255.5 J/kg
Mean: 15.4 m/s

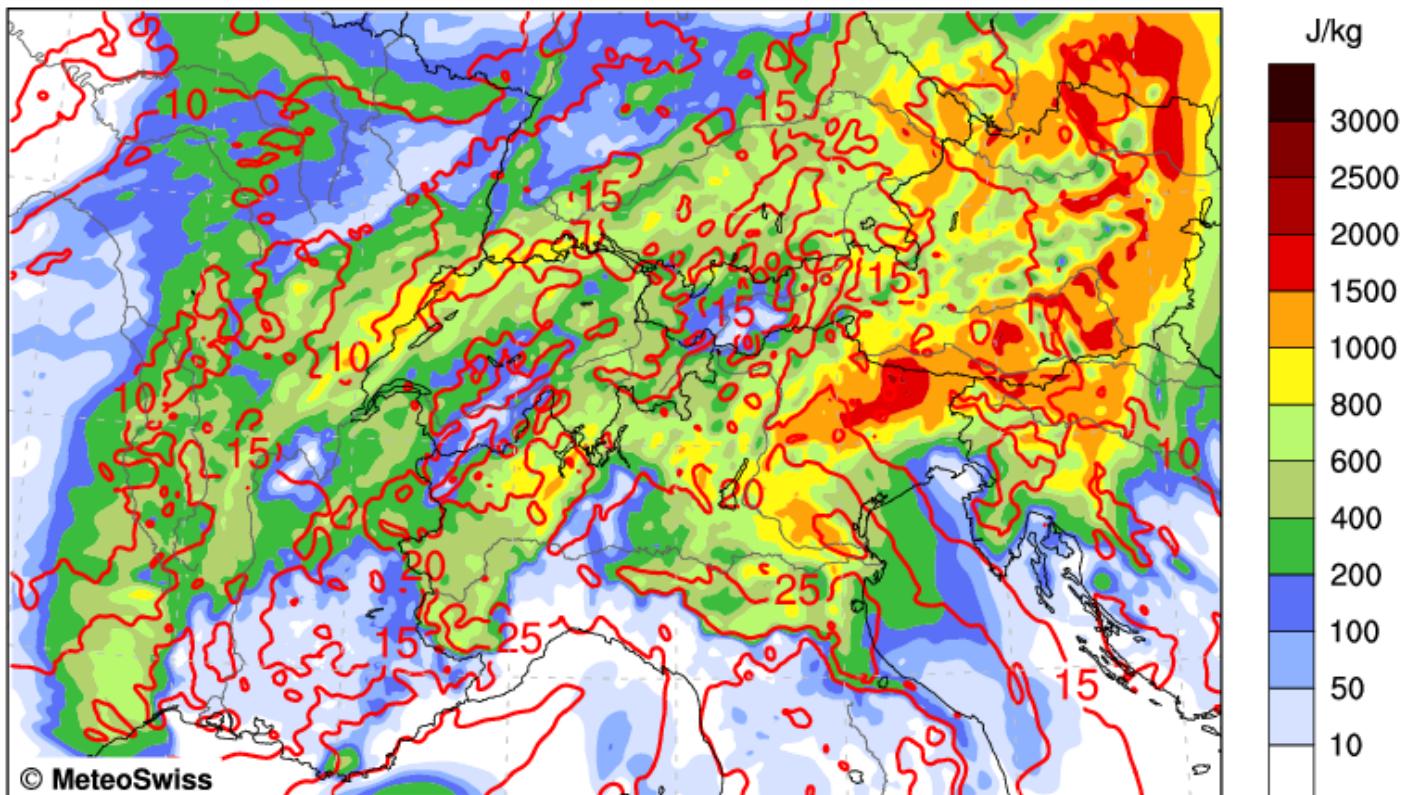


CAPE e wind shear

COSMO-2 FORECAST
Wind Shear (red) and CAPE_ML

Version: 923

Sat 28 Jul 2012 12UTC
28.07.2012 06UTC +06h



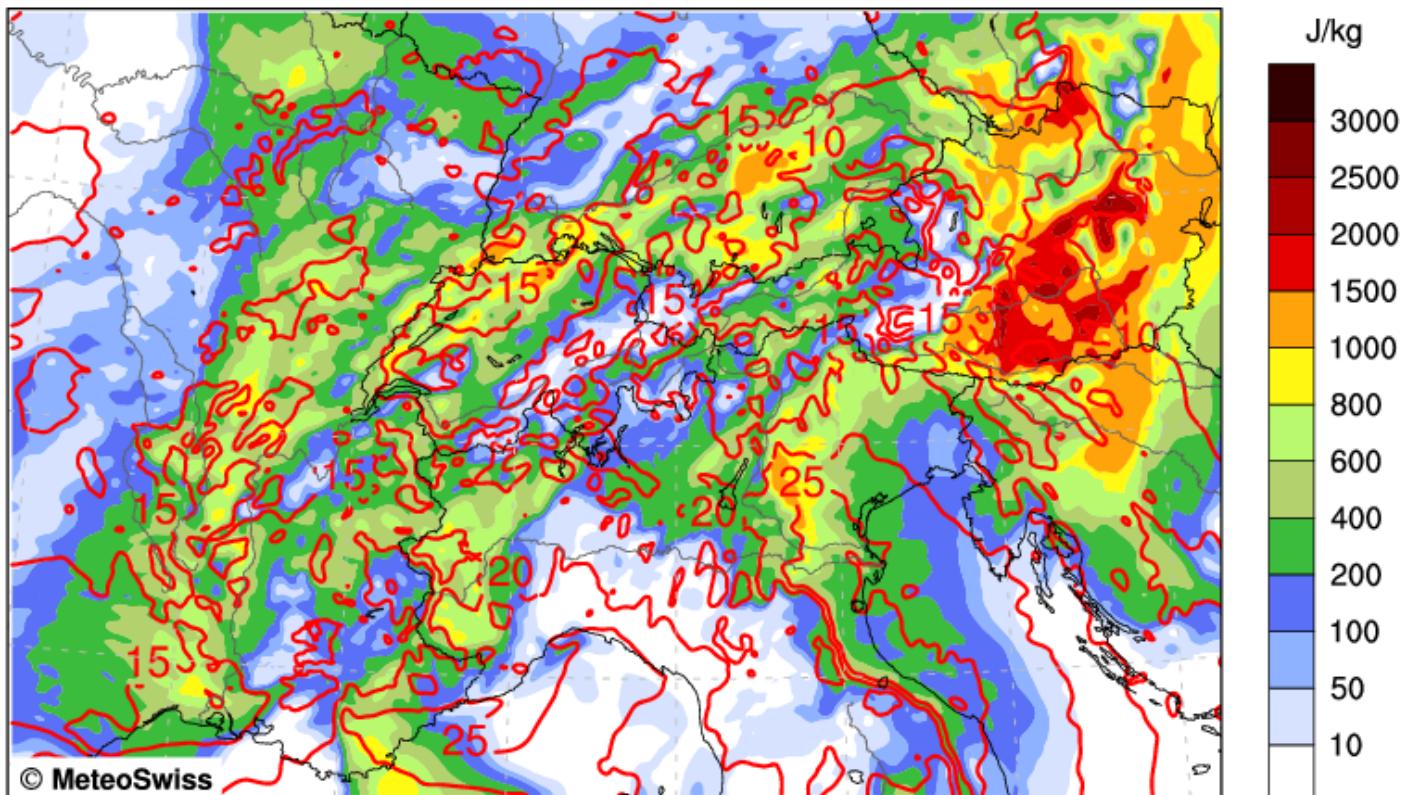


CAPE e wind shear

COSMO-2 FORECAST
Wind Shear (red) and CAPE_ML

Version: 923

Sat 28 Jul 2012 15UTC
28.07.2012 06UTC +09h



smoothed cape of mean surface layer parcel [J/kg]
Wind Shear Between Surface and 6km ASL [m/s]

Mean: 344.2 J/kg
Mean: 15.3 m/s



CIN

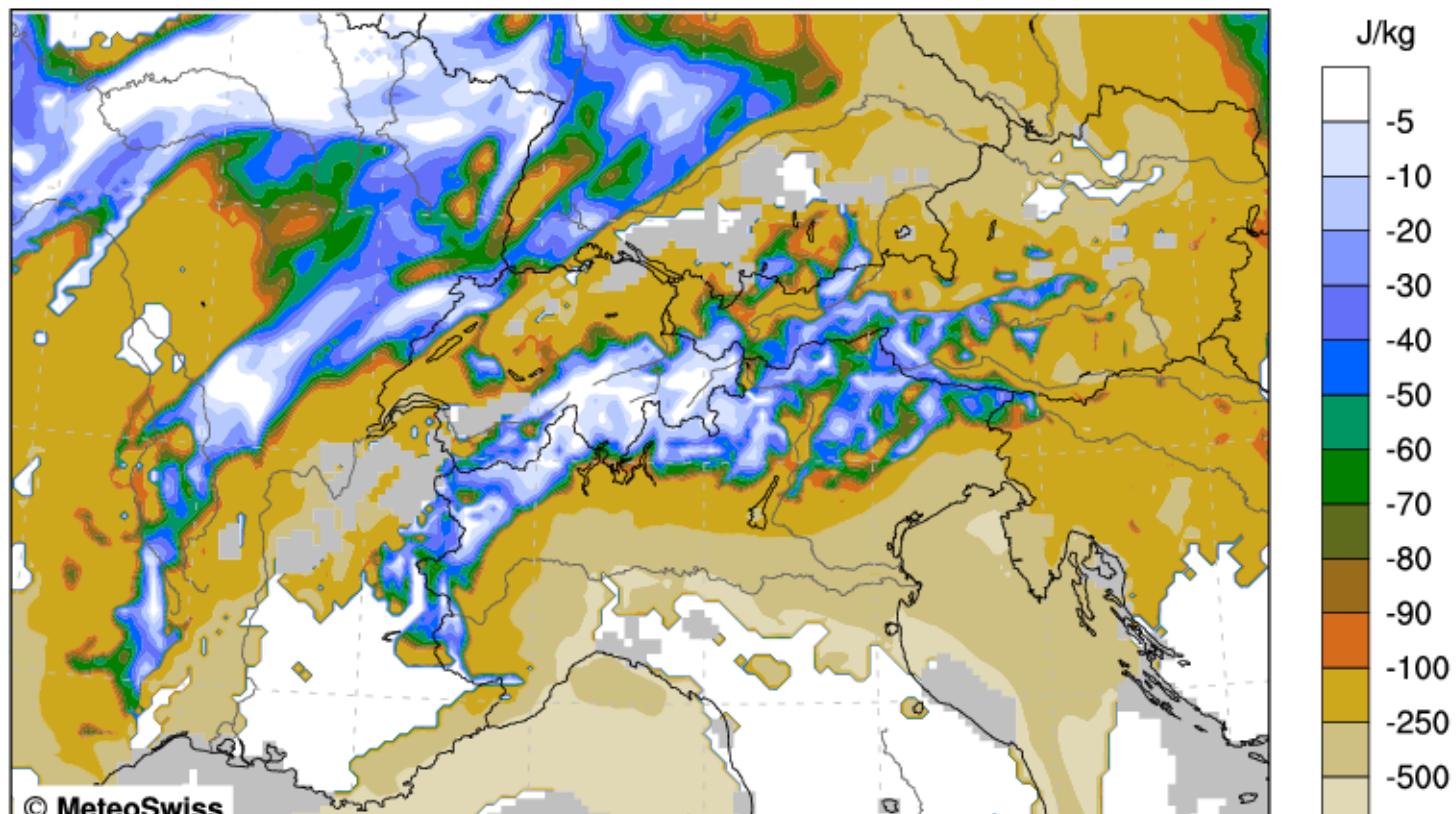
COSMO-7 FORECAST

Mean Layer Parcel Convective Inhibition

Version: 923

Sat 28 Jul 2012 09UTC

27.07.2012 12UTC +21h



Convective Inhibition of Mean Surface Layer Parcel [J/kg]

Mean: -165.9 J/kg



CIN

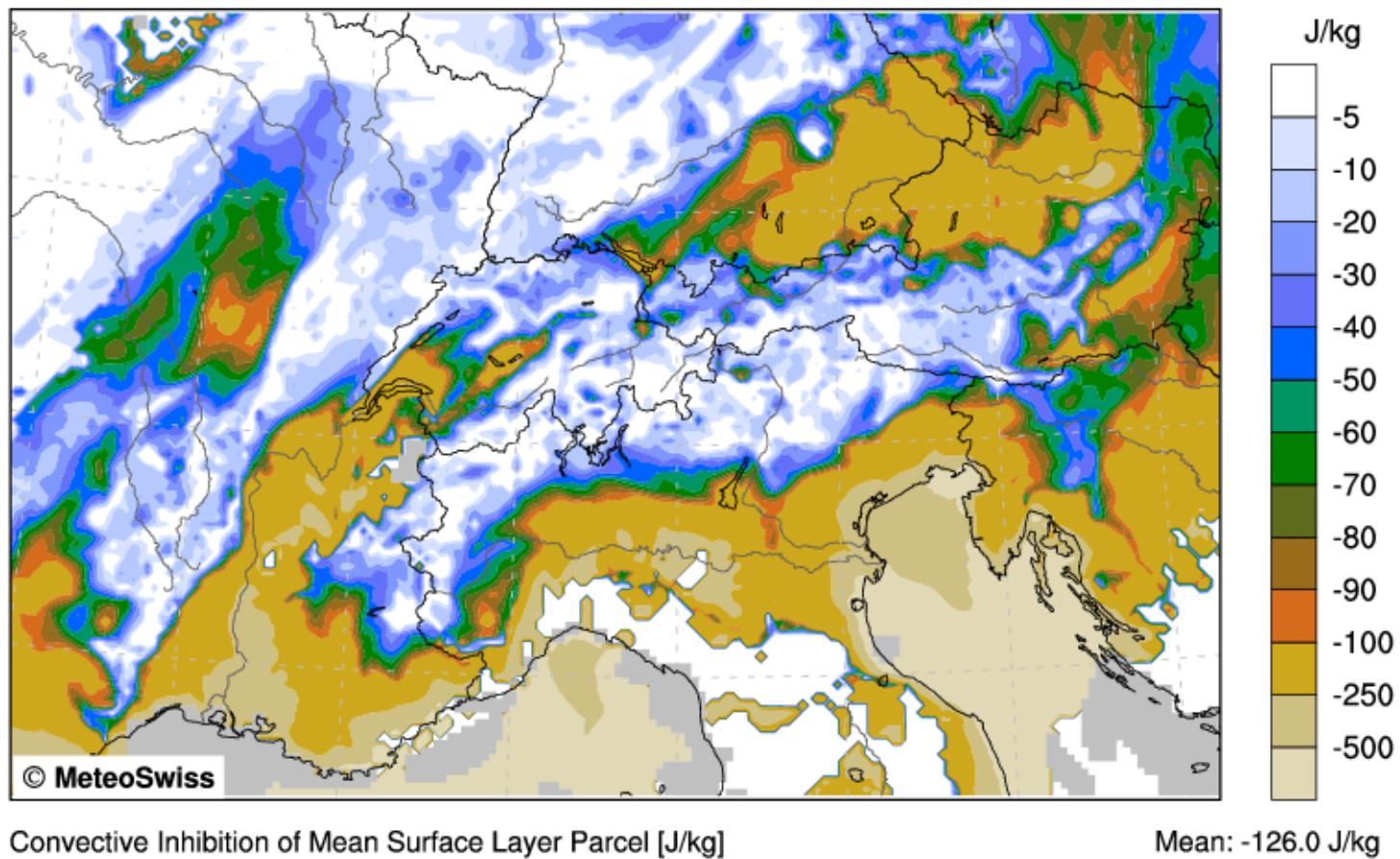
COSMO-7 FORECAST

Mean Layer Parcel Convective Inhibition

Version: 923

Sat 28 Jul 2012 12UTC

27.07.2012 12UTC +24h





CIN

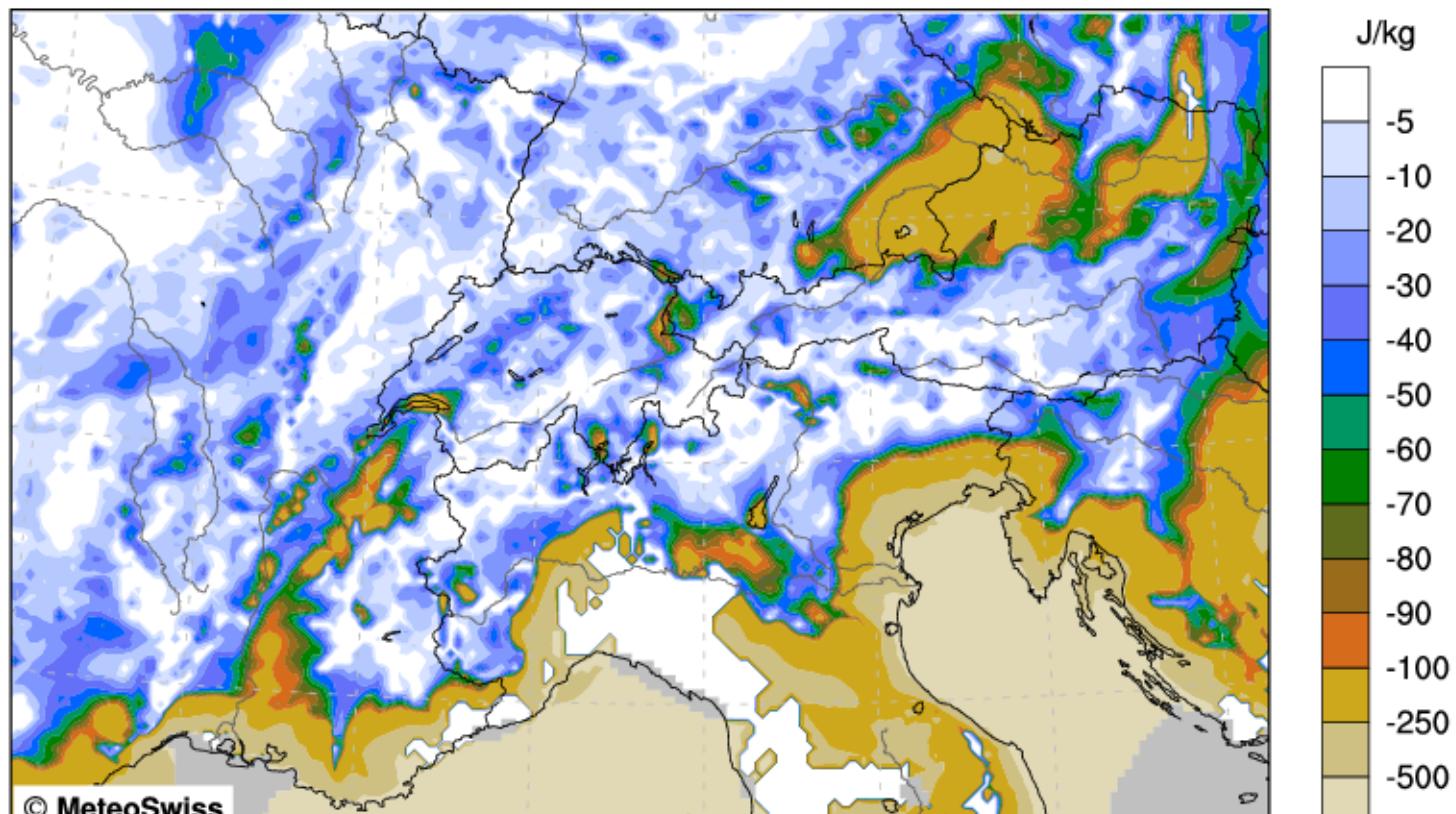
COSMO-7 FORECAST

Mean Layer Parcel Convective Inhibition

Version: 923

Sat 28 Jul 2012 15UTC

27.07.2012 12UTC +27h



Convective Inhibition of Mean Surface Layer Parcel [J/kg]

Mean: -132.0 J/kg

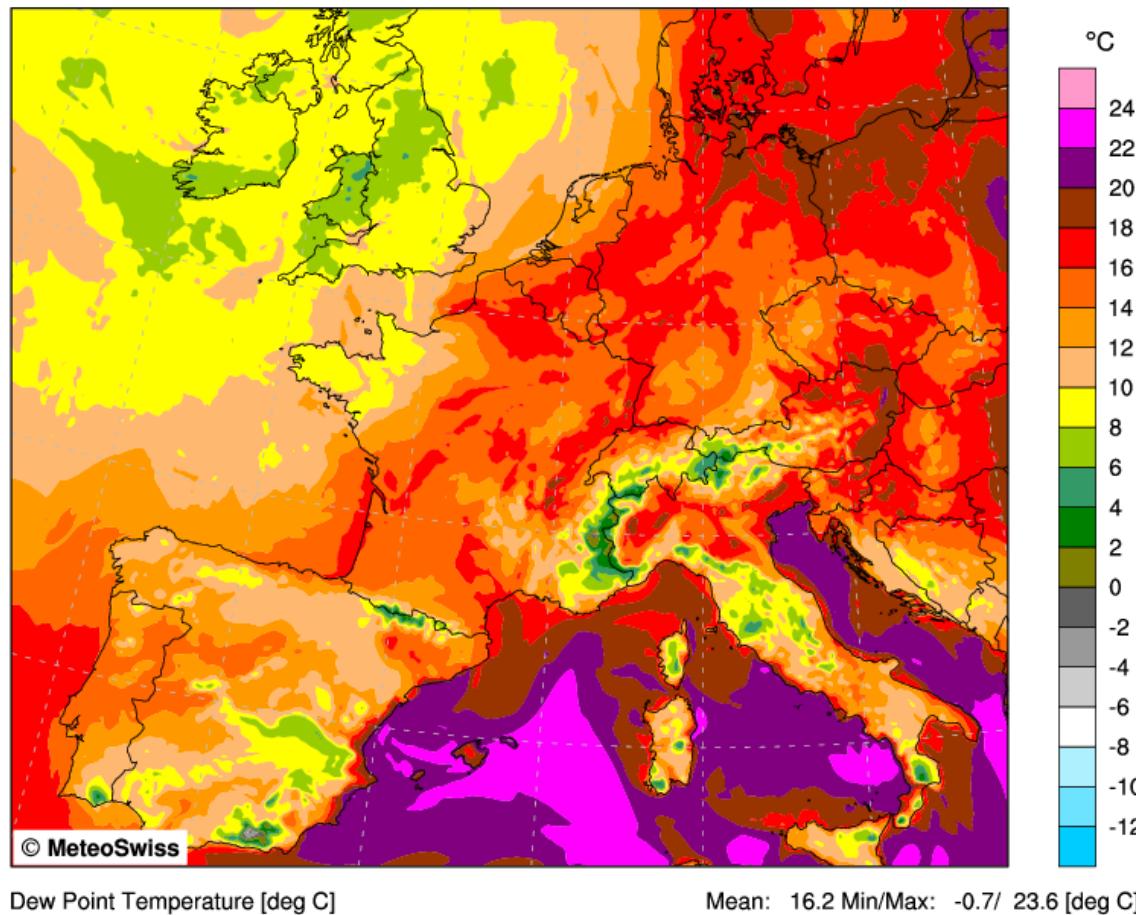


Punto di rugiada

COSMO-7 FORECAST
2m Dew Point Temperature

Version: 923

Sat 28 Jul 2012 09UTC
28.07.2012 06UTC +03h



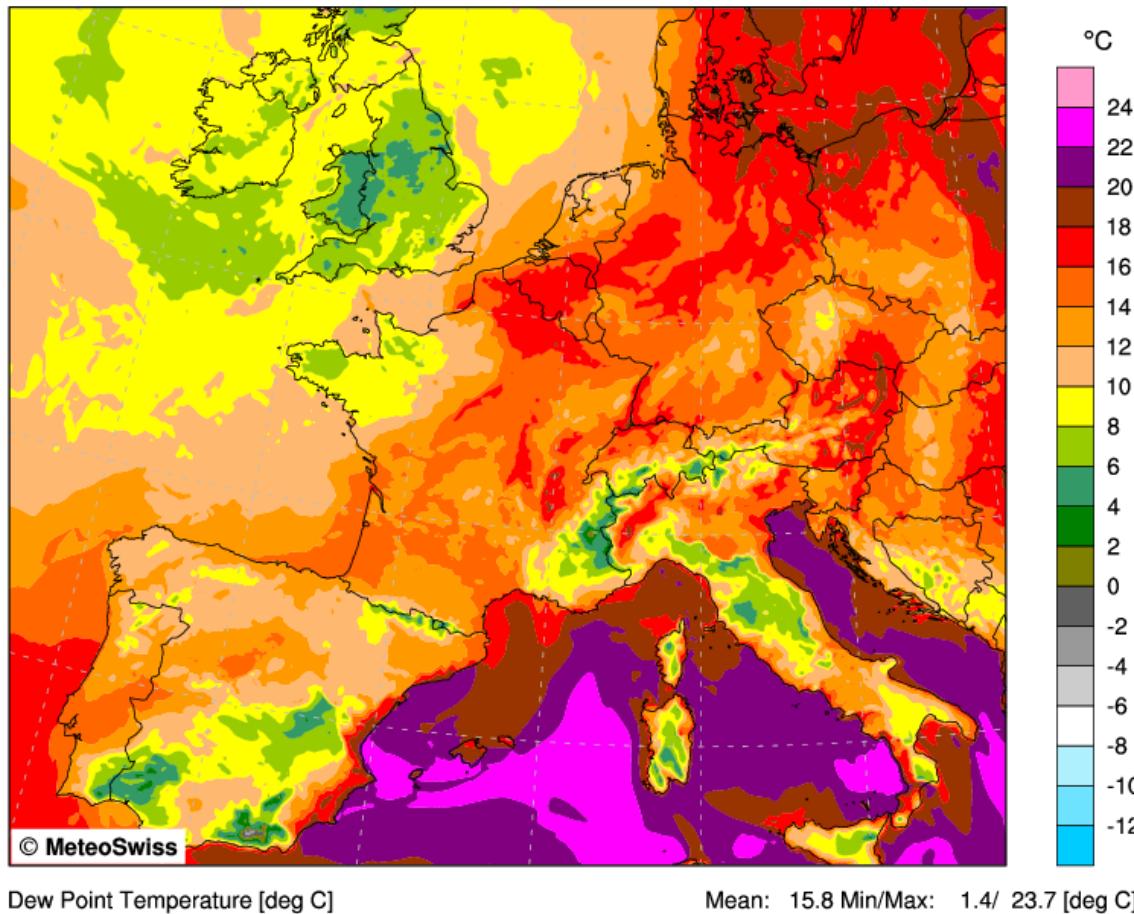


Punto di rugiada

COSMO-7 FORECAST
2m Dew Point Temperature

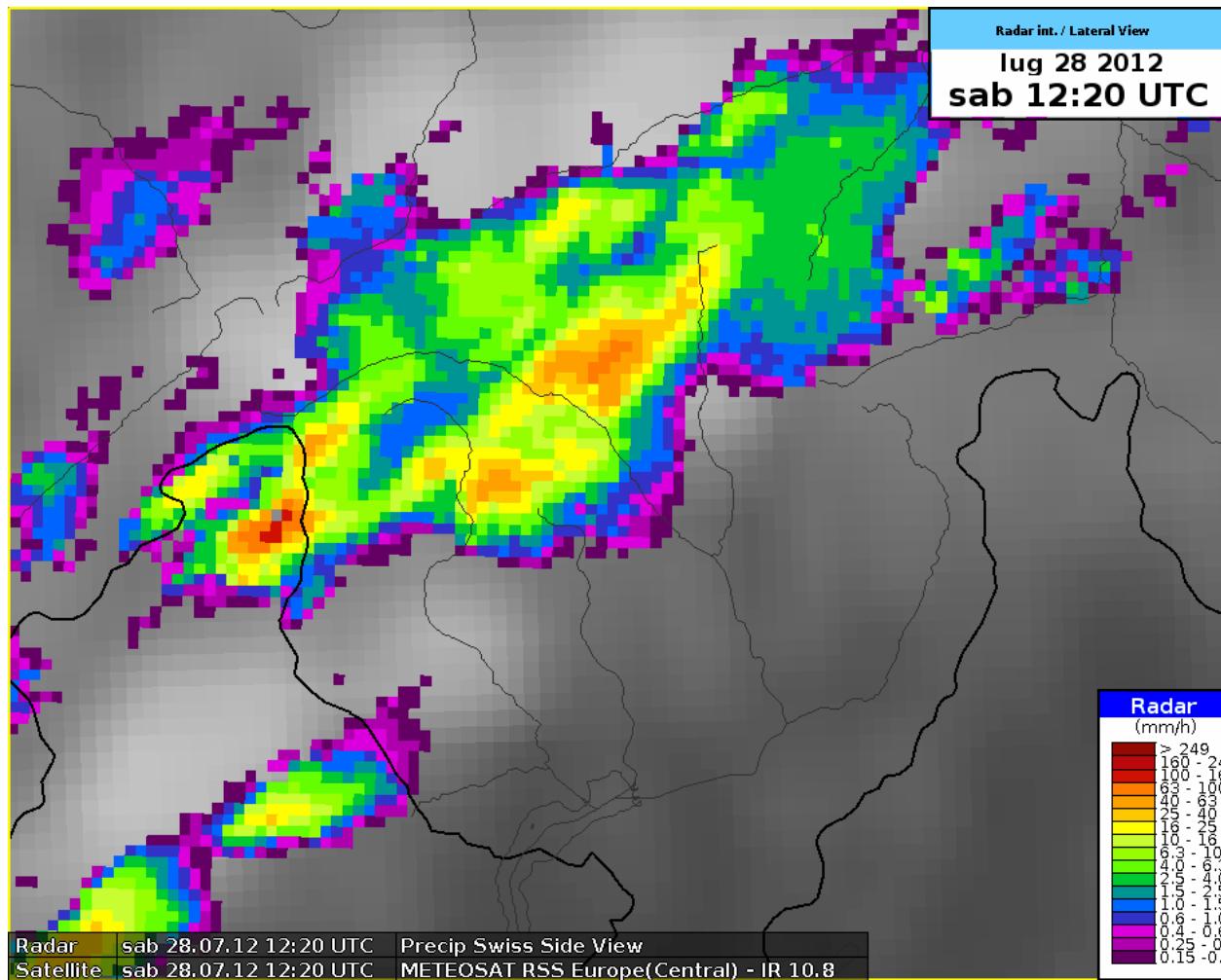
Version: 923

Sat 28 Jul 2012 12UTC
28.07.2012 06UTC +06h



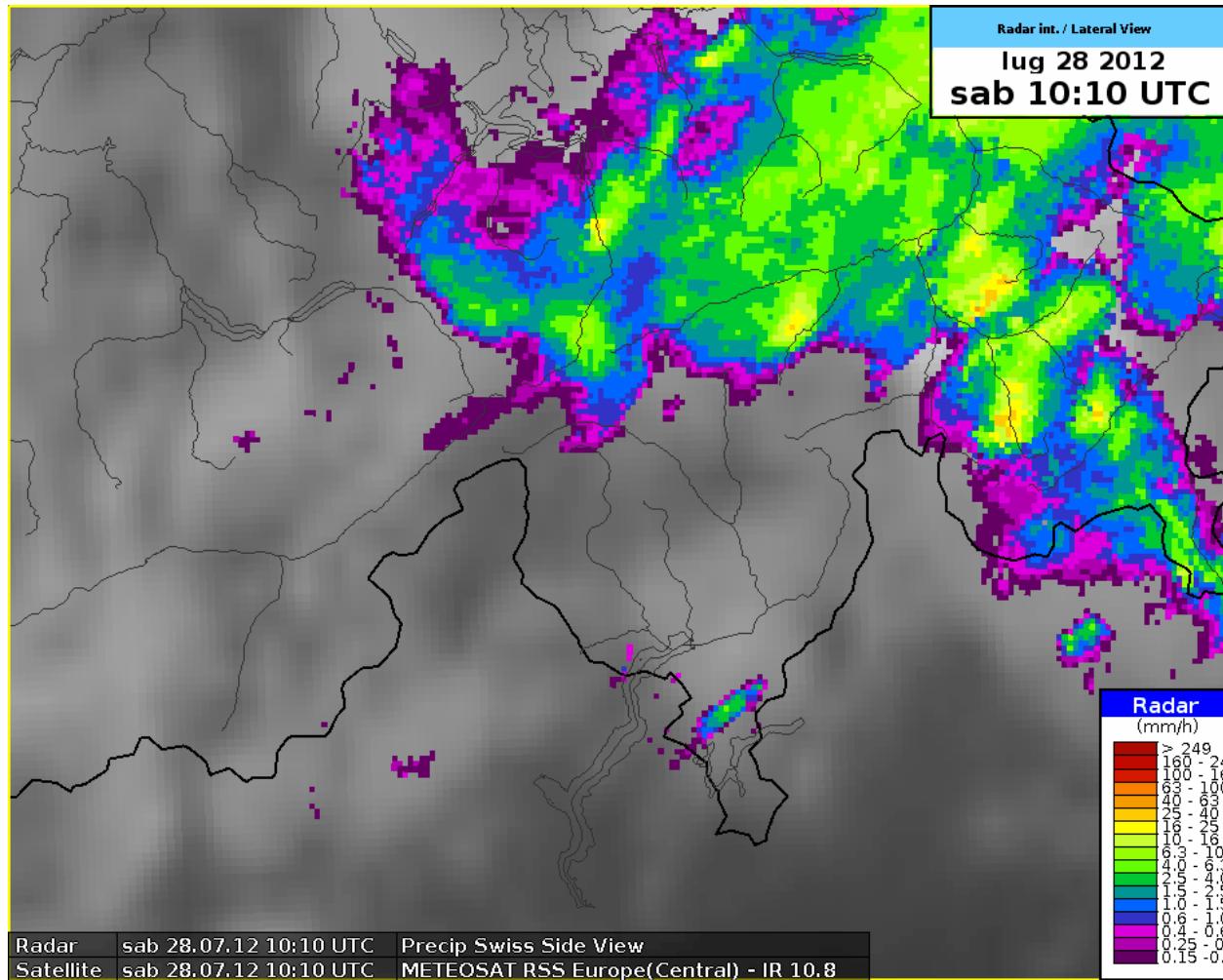


28.7 animazione radar



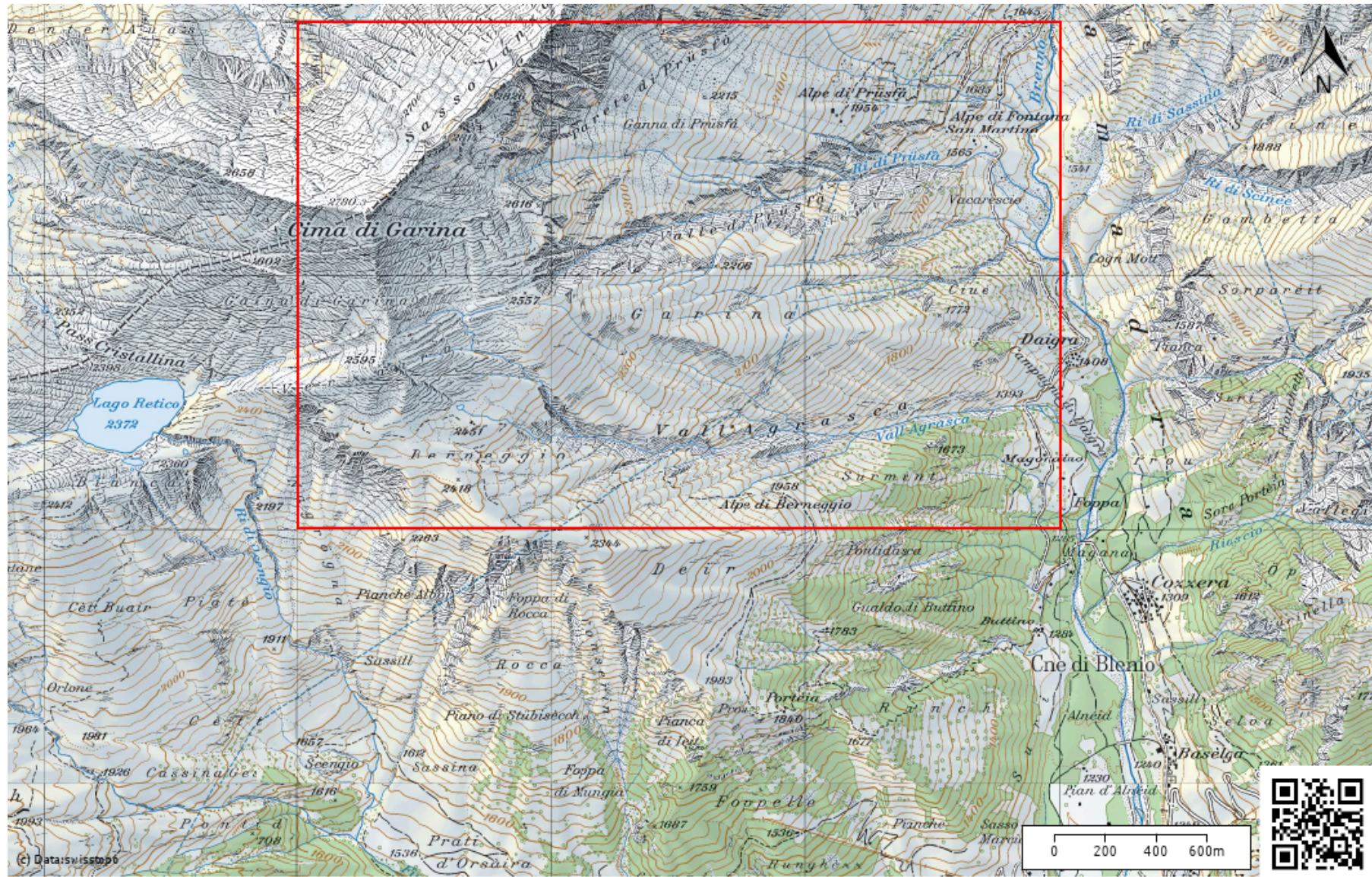


28.7 animazione radar



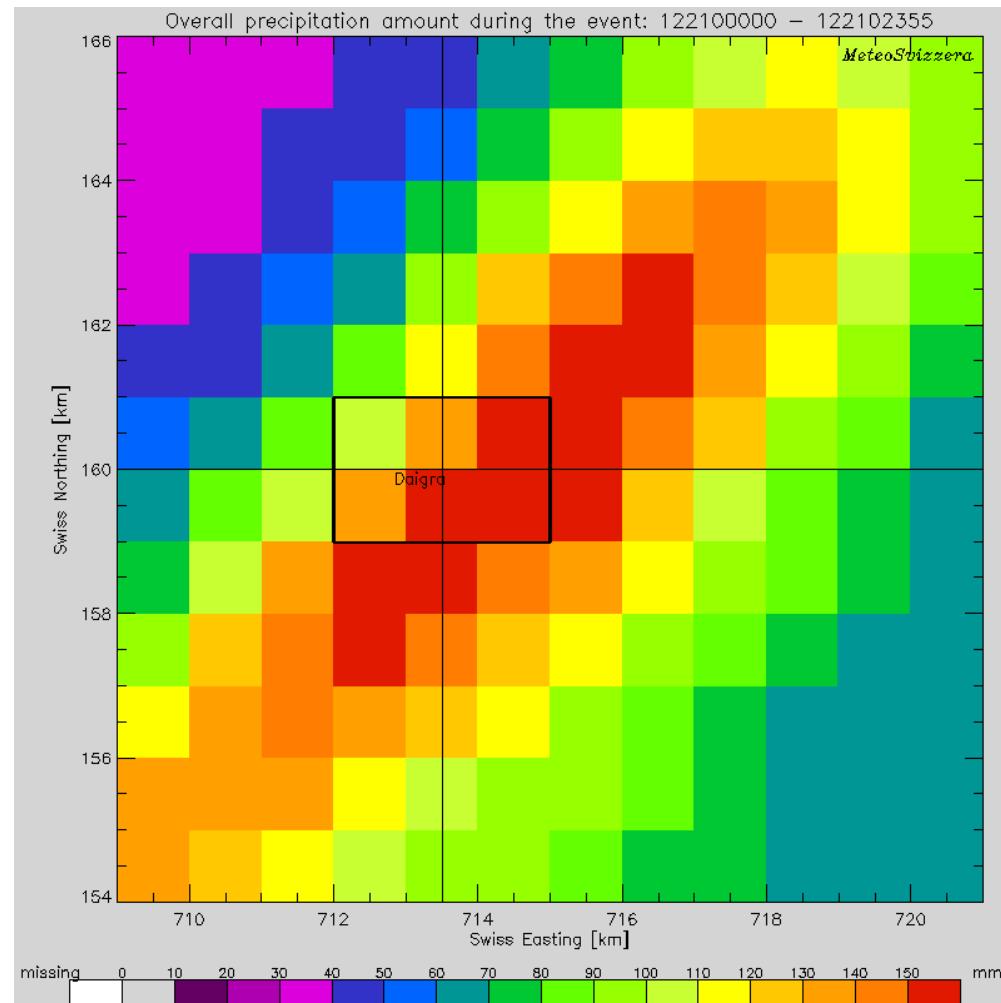


28.7 La zona



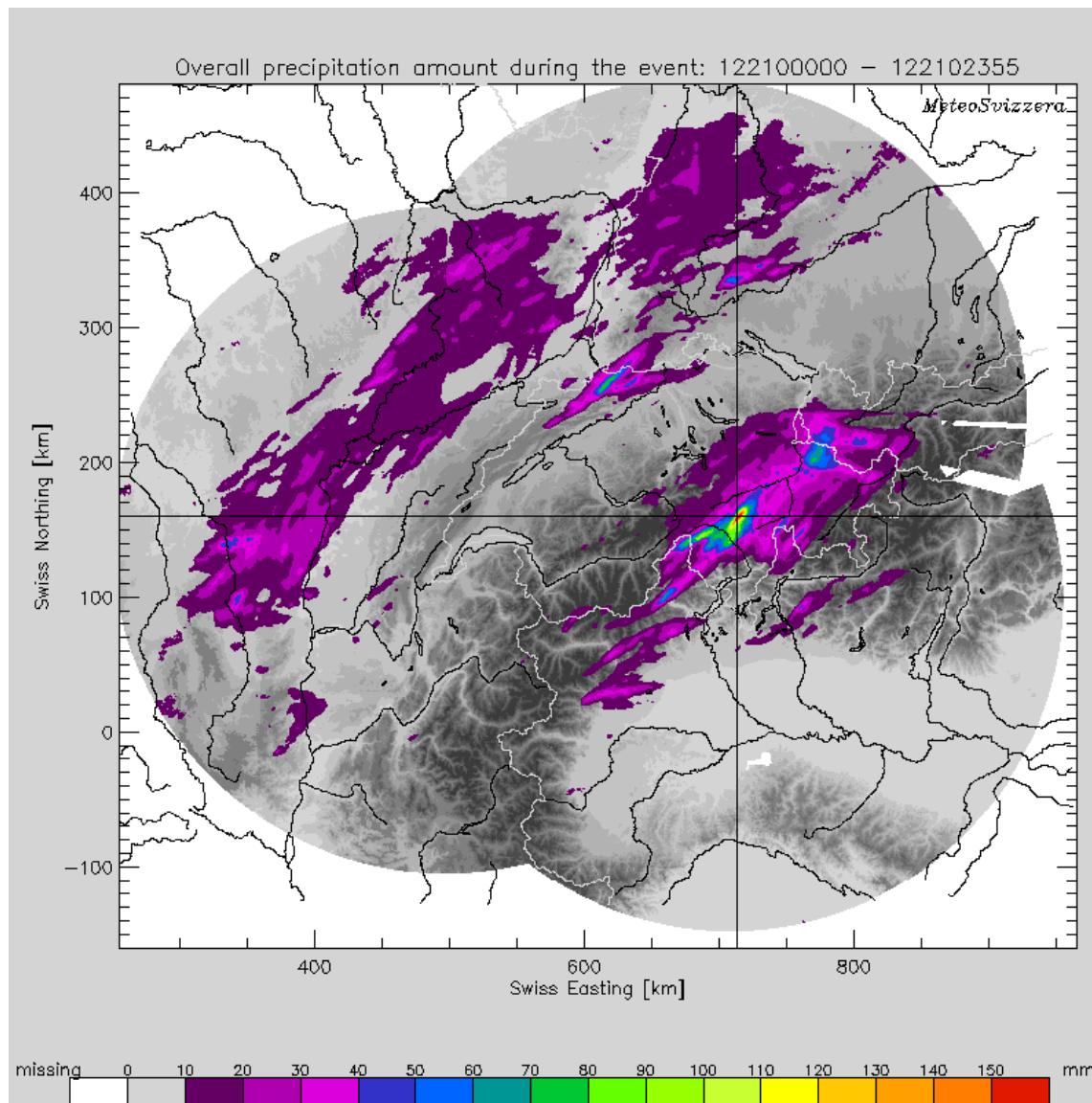


Radar: accumuli totali



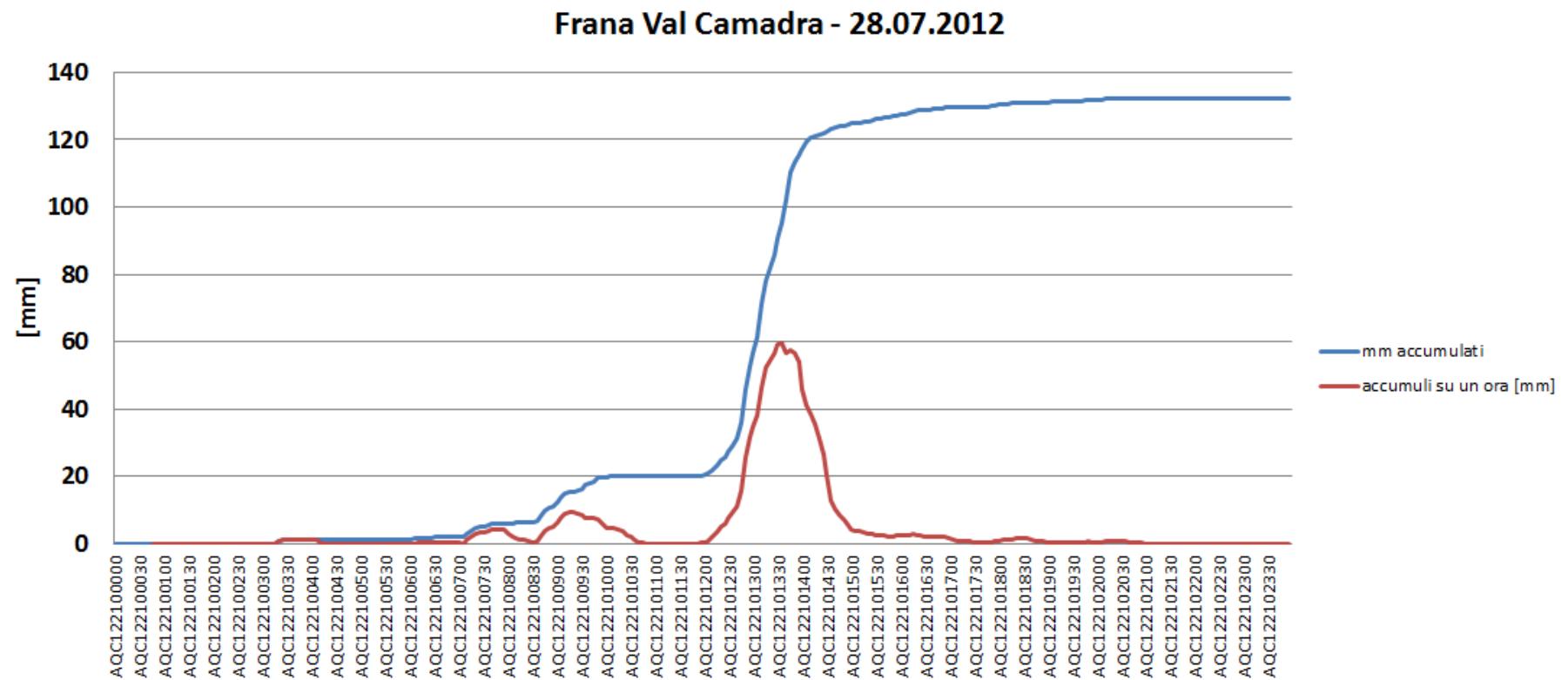


Radar: accumuli totali



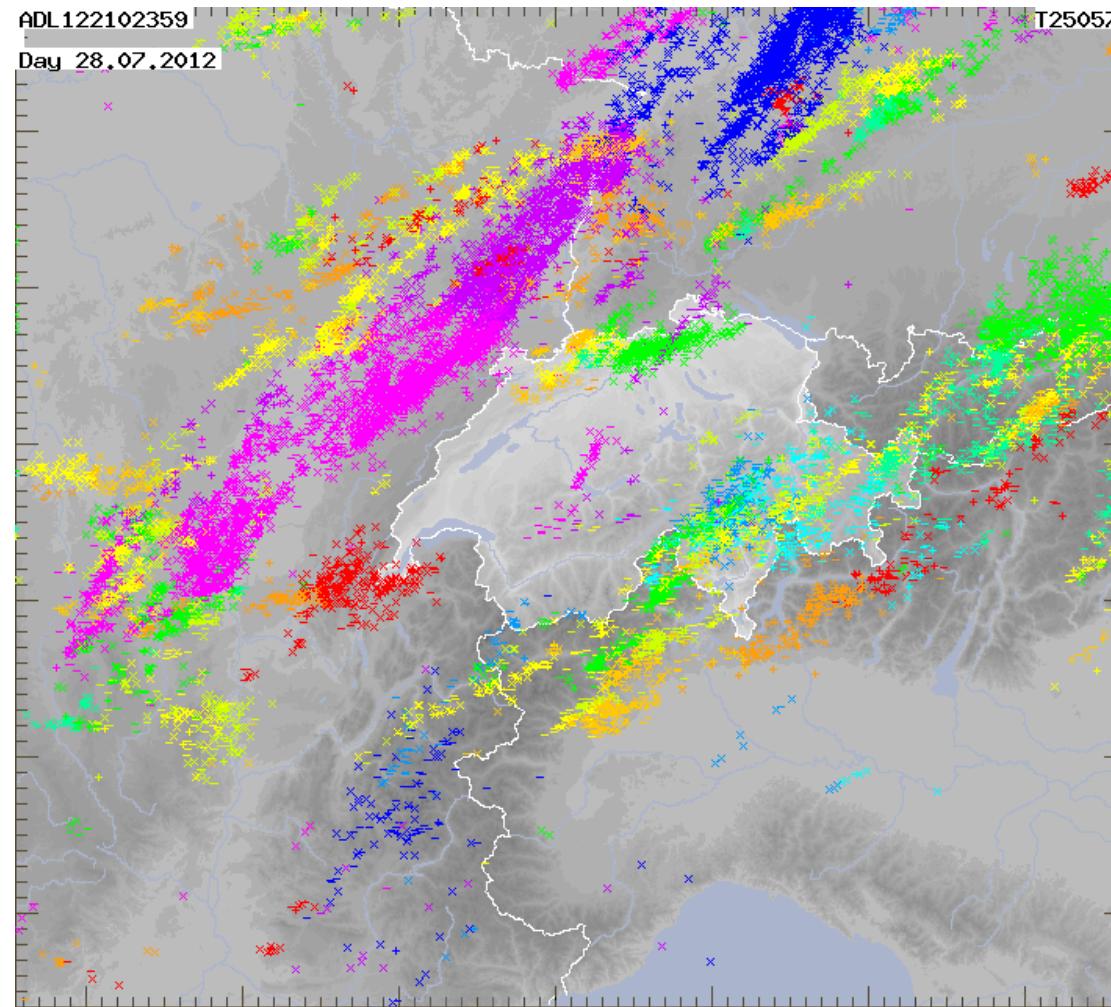


Radar: accumuli totali



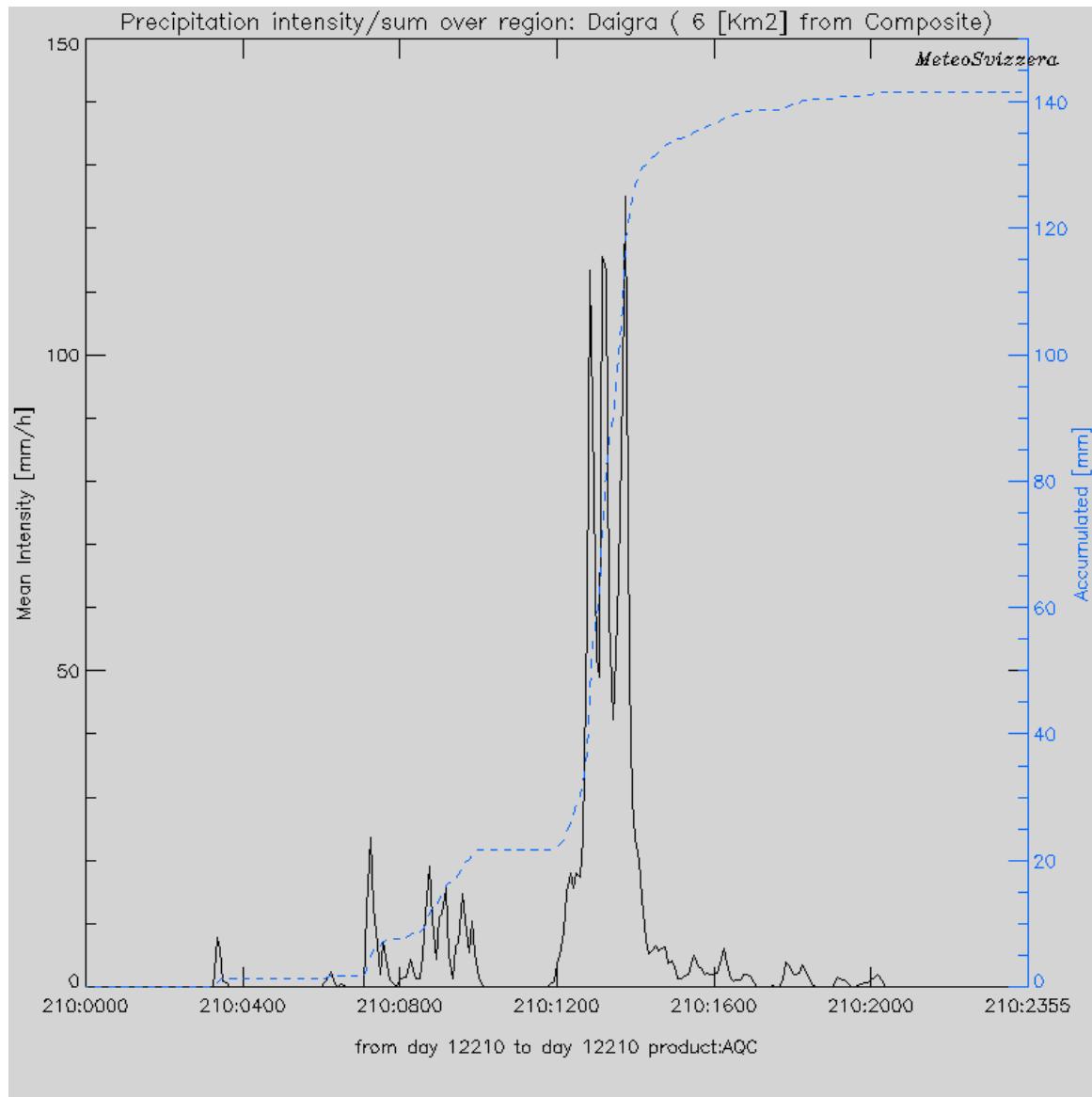


fulmini



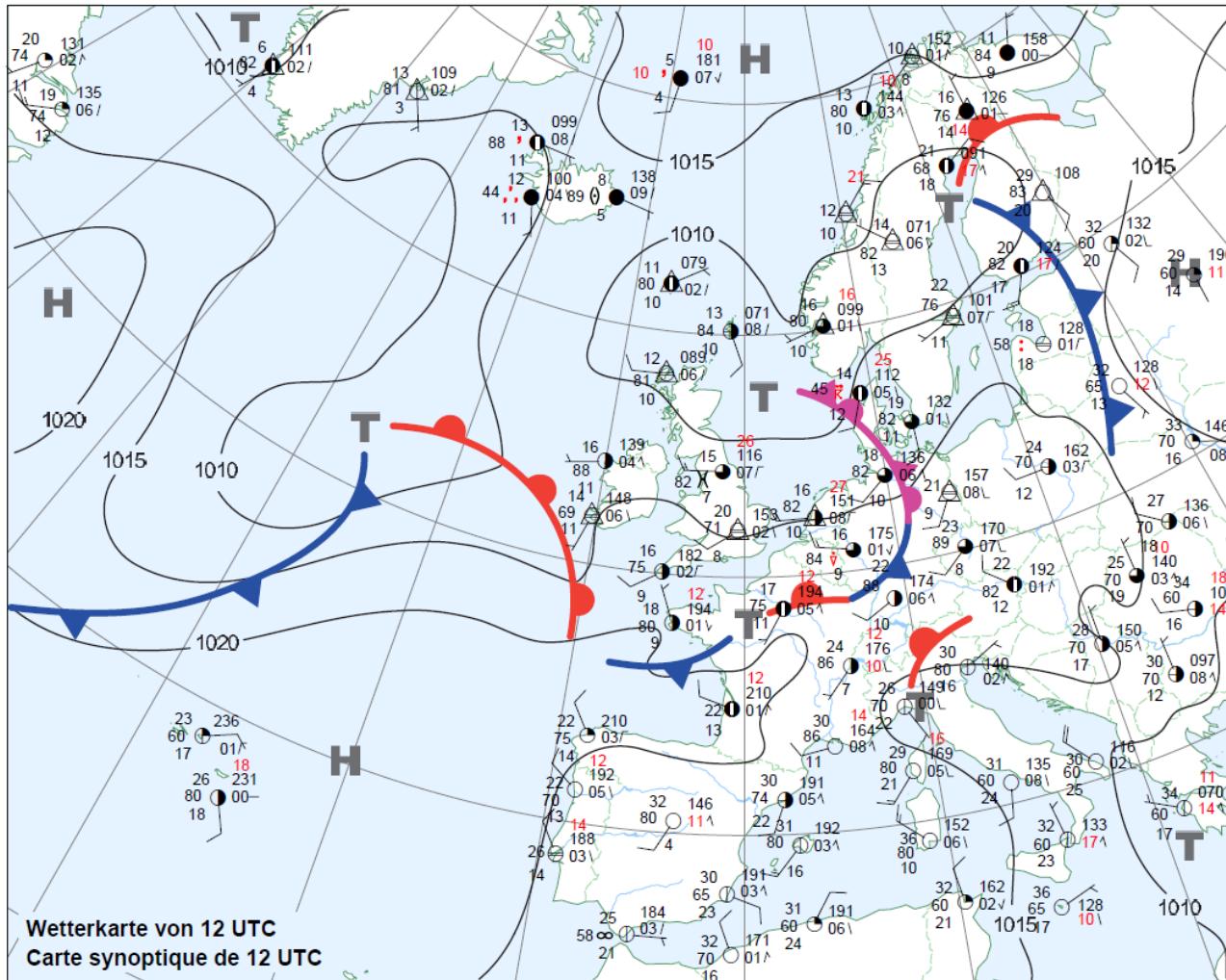


Radar: accumuli totali





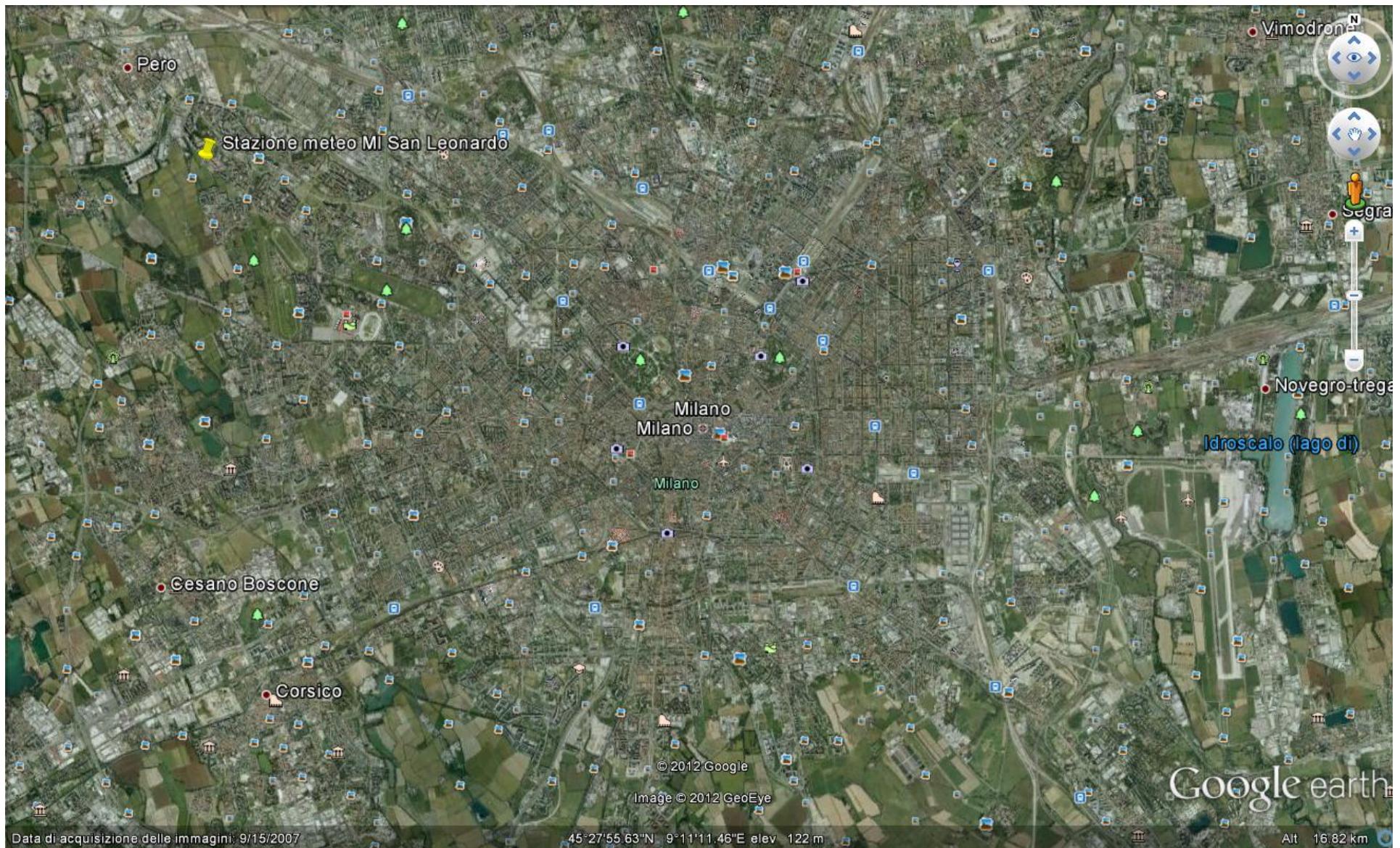
30-31.7 situazione al suolo



Gianluca Ferri



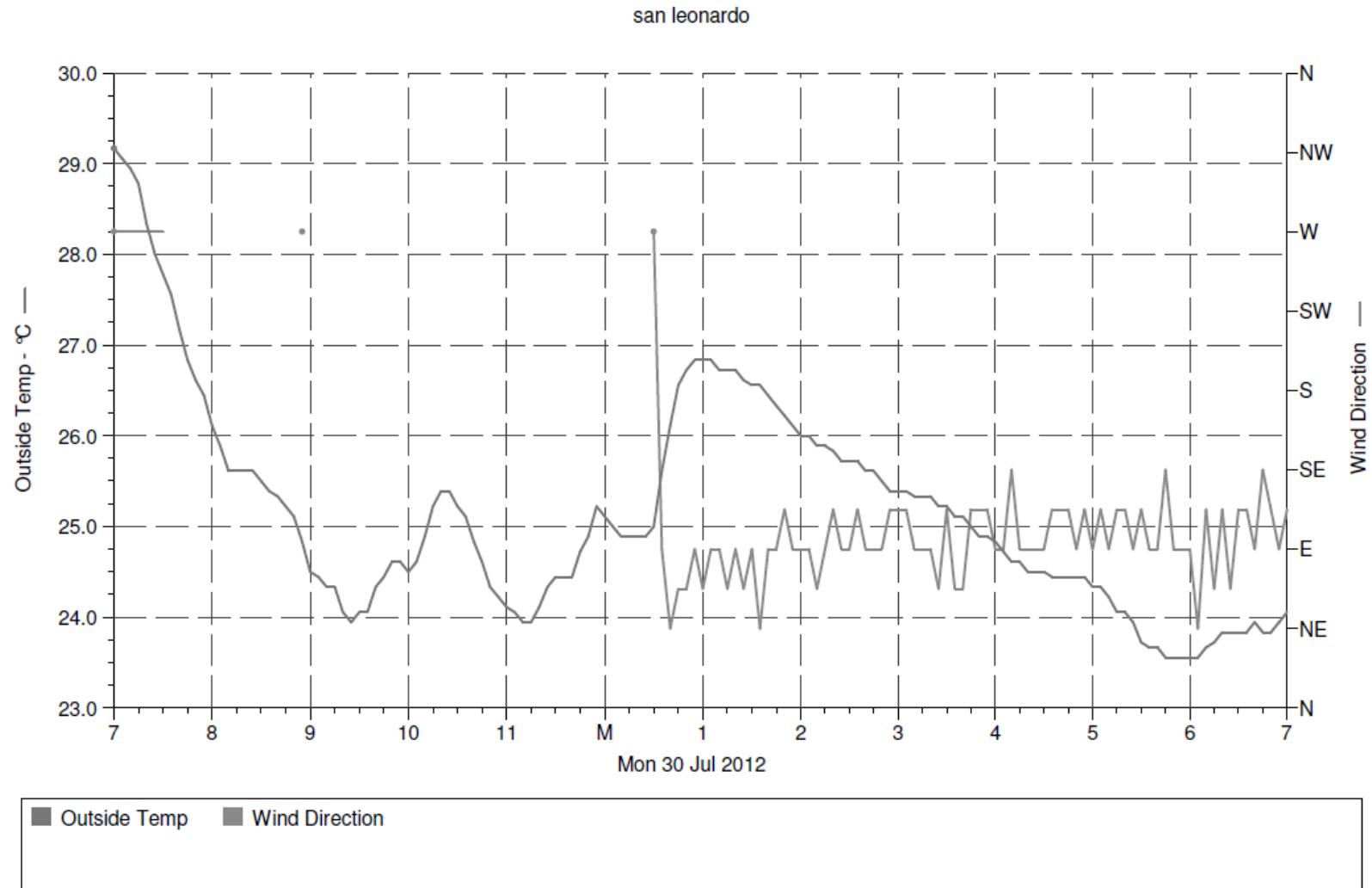
30-31.7 Ubicazione stazione meteo



Gianluca Ferri



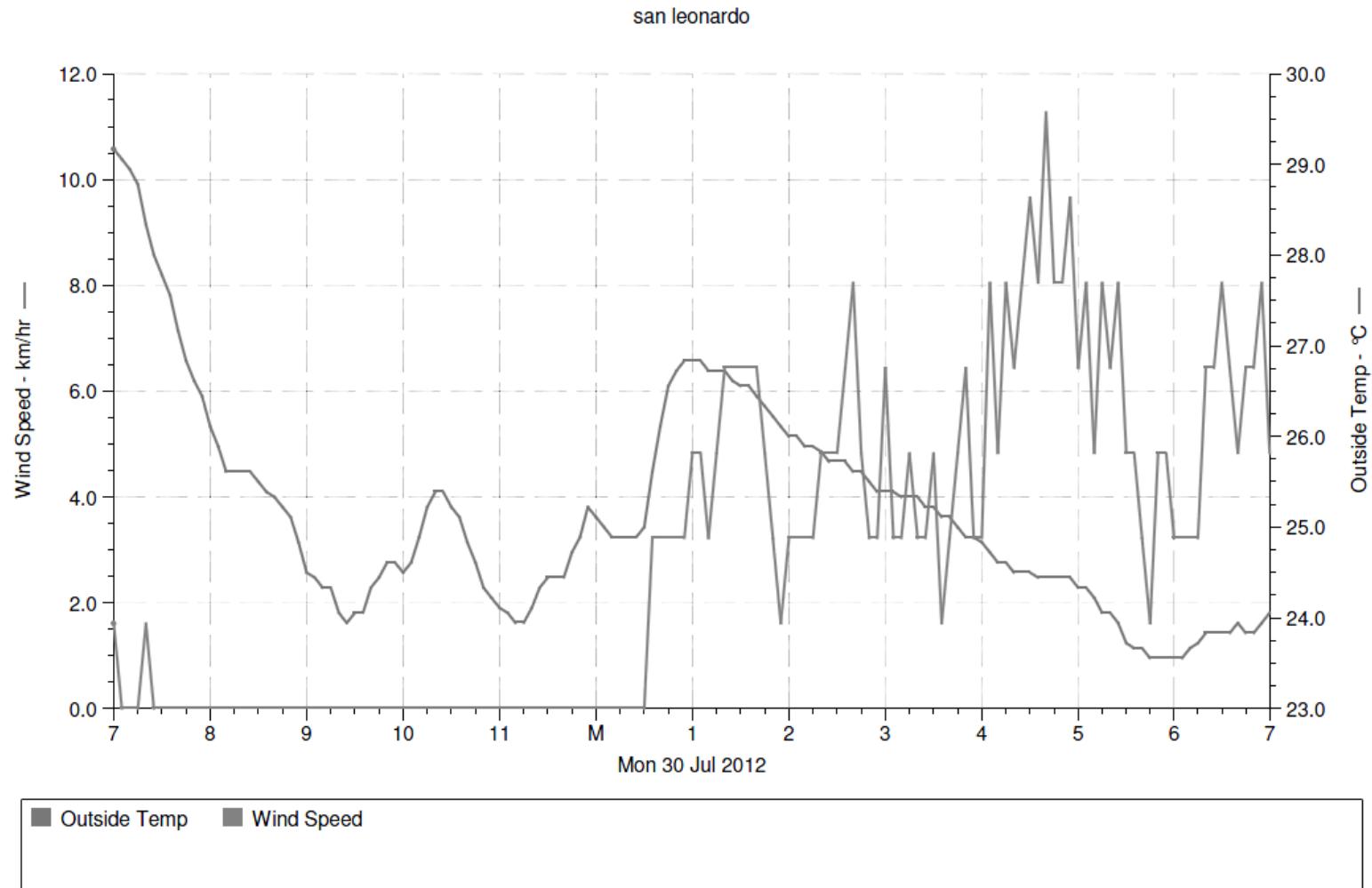
30-31.7



Gianluca Ferri



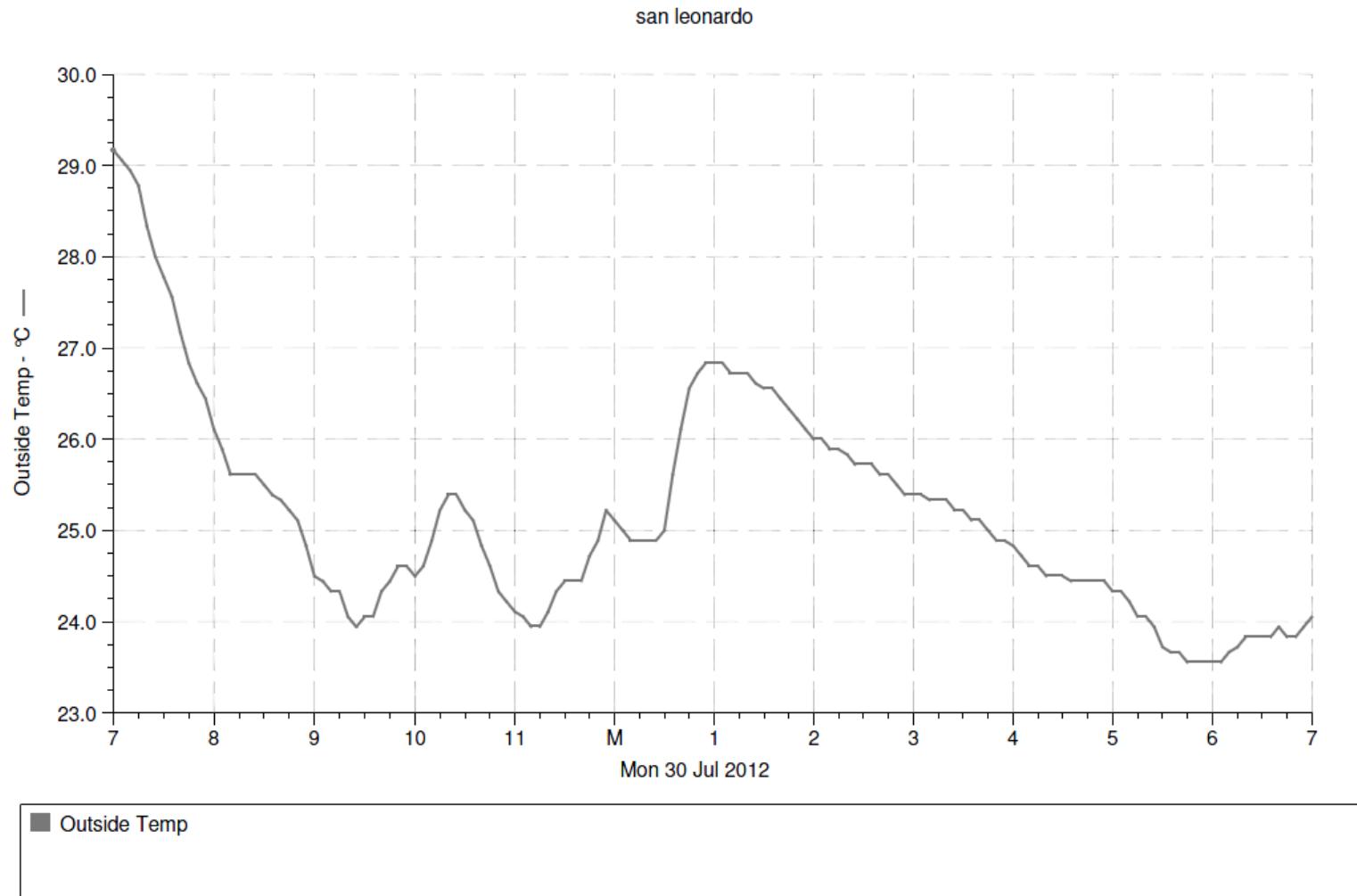
30-31.7



Gianluca Ferri



30-31.7



Gianluca Ferri

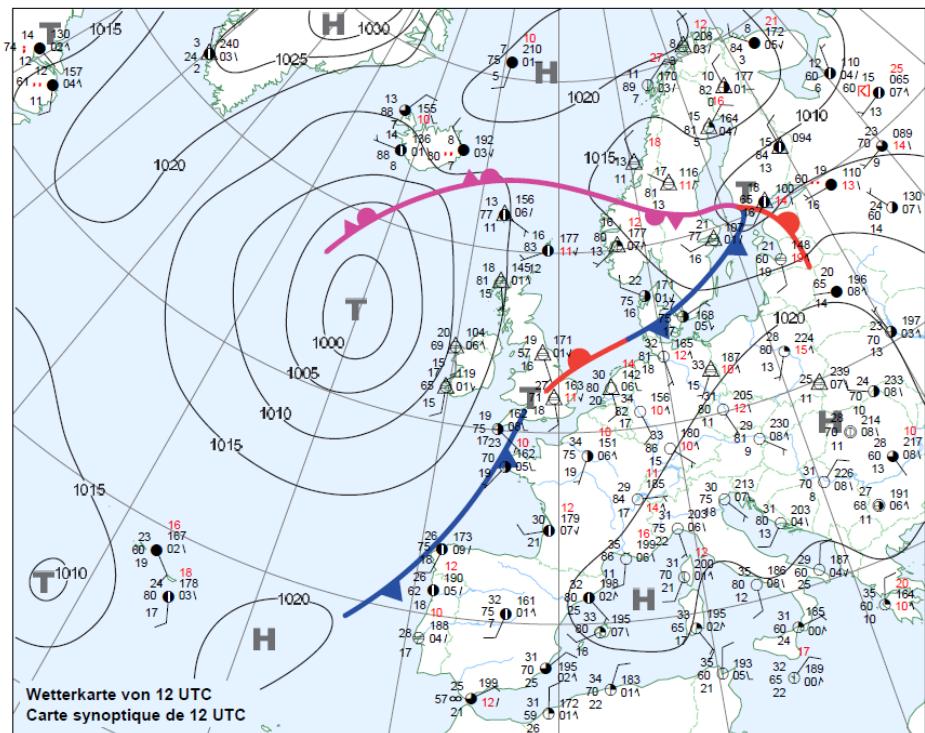
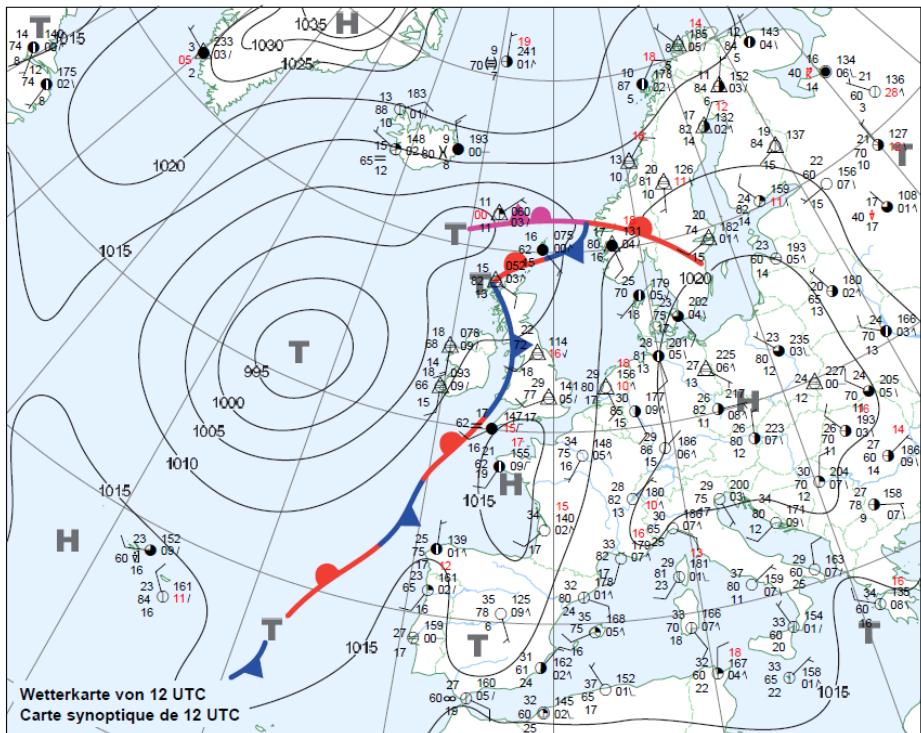


19.8 Retour d'est estivo



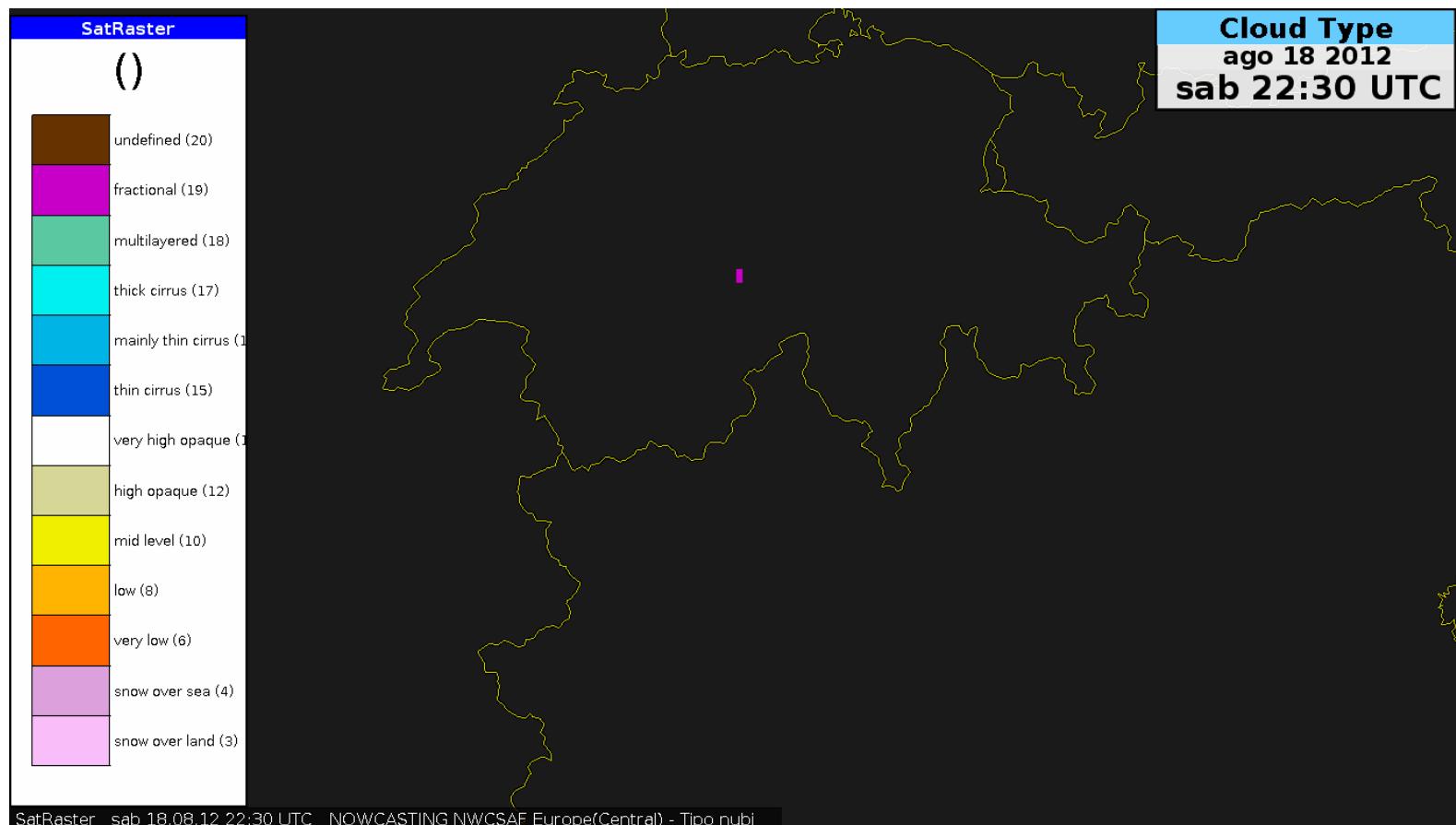


Situazione al suolo: 18 e 19 ore 12 UTC



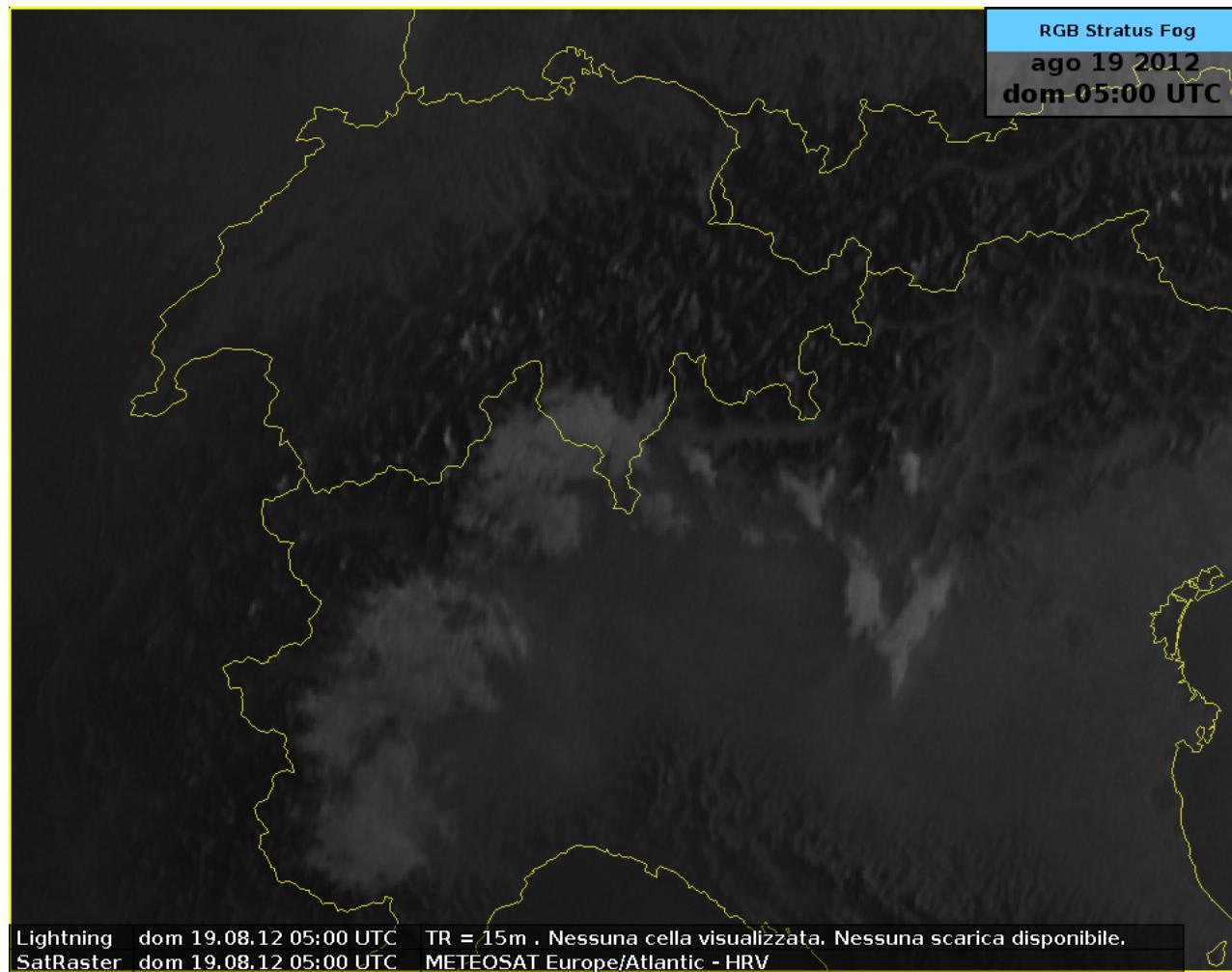


19.8 Retour d'est estivo





19.8 Retour d'est estivo



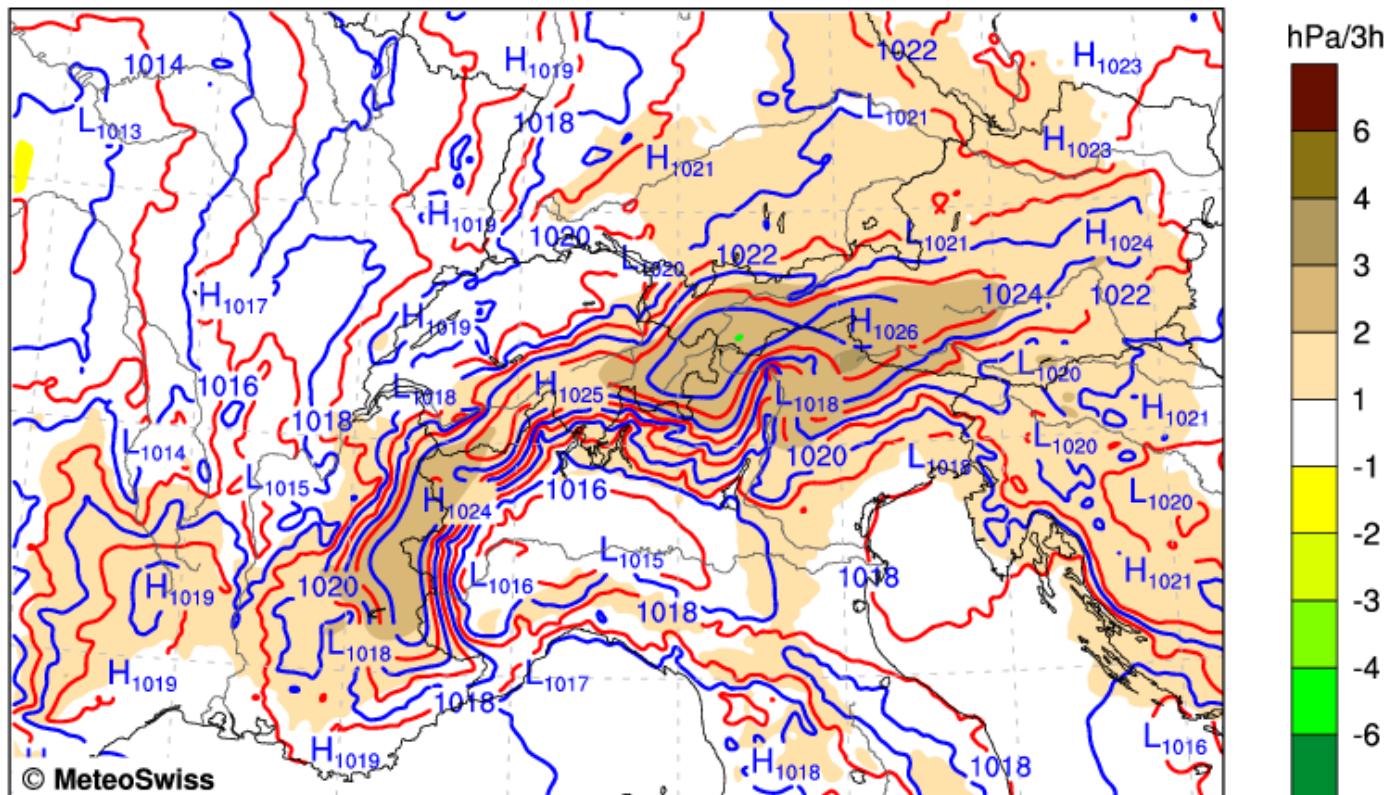


Pressione a livello del mare

COSMO-2 FORECAST
Sea Surface Pressure and Tendency

Version: 925

Sat 18 Aug 2012 18UTC
18.08.2012 09UTC +09h



Air Pressure at Sea Level [hPa]
3h Sea Surface Pressure Tendency [hPa]

Mean: 1018.8 hPa
Mean: 1.0 hPa

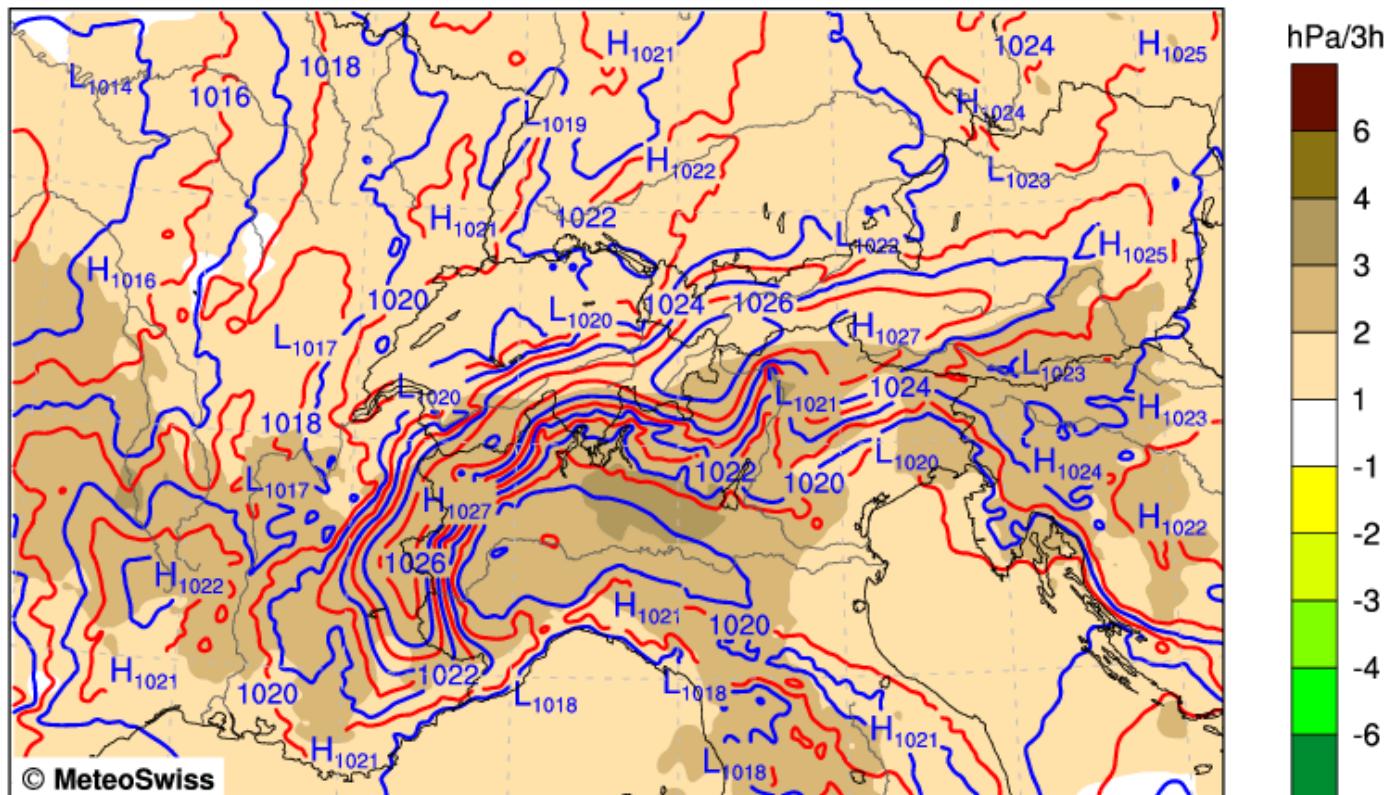


Pressione a livello del mare

COSMO-2 FORECAST
Sea Surface Pressure and Tendency

Version: 925

Sat 18 Aug 2012 21UTC
18.08.2012 09UTC +12h



Air Pressure at Sea Level [hPa]
3h Sea Surface Pressure Tendency [hPa]

Mean: 1020.6 hPa
Mean: 1.8 hPa

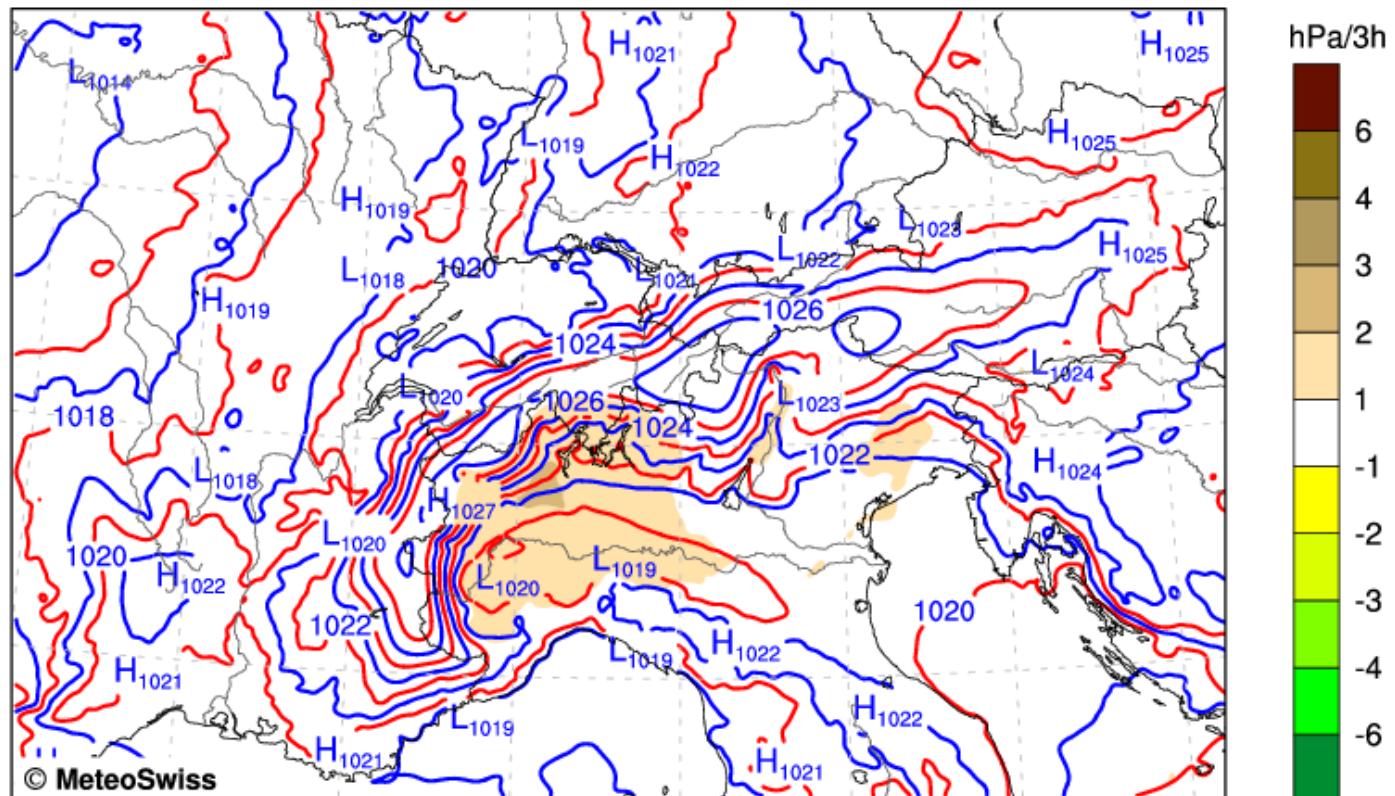


Pressione a livello del mare

COSMO-2 FORECAST
Sea Surface Pressure and Tendency

Version: 925

Sun 19 Aug 2012 00UTC
18.08.2012 09UTC +15h



Air Pressure at Sea Level [hPa]
3h Sea Surface Pressure Tendency [hPa]

Mean: 1021.0 hPa
Mean: 0.4 hPa

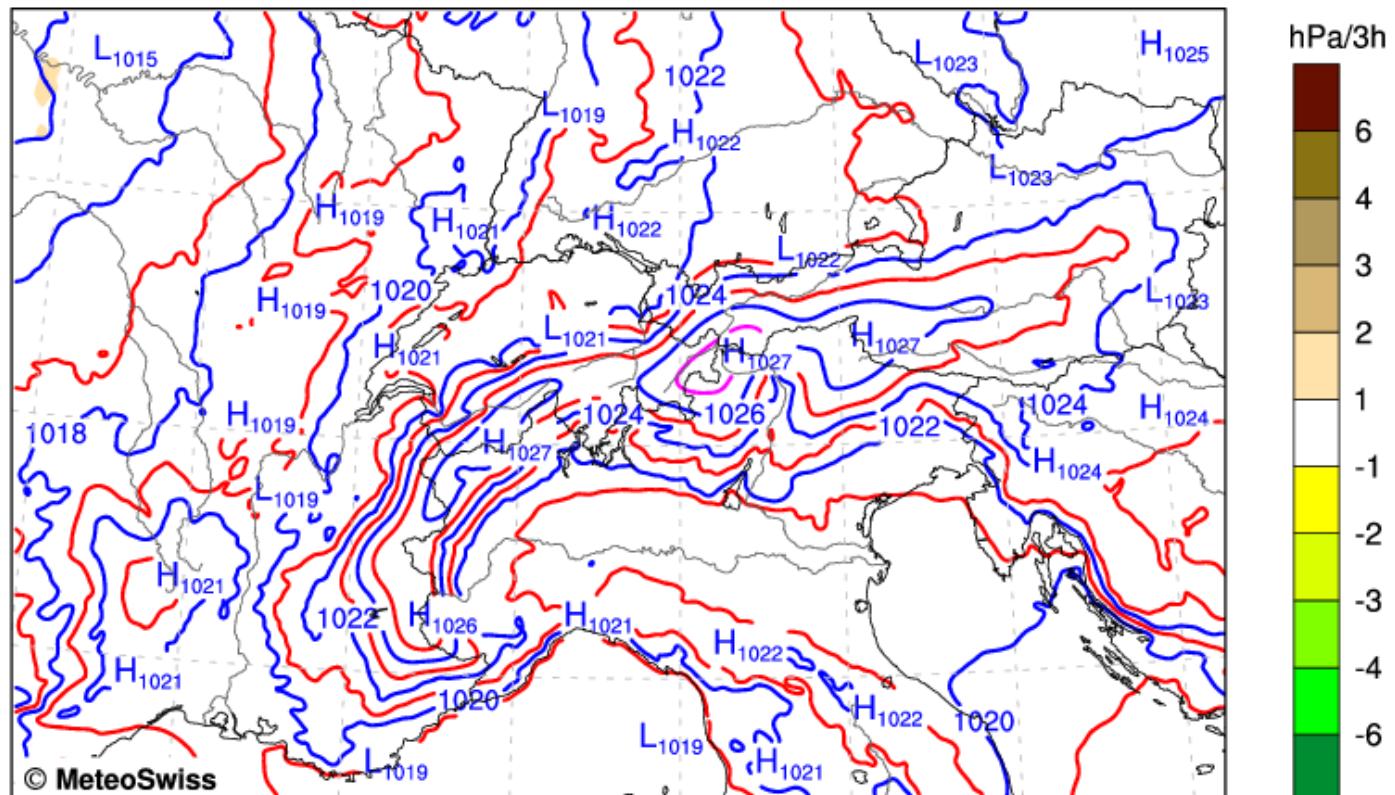


Pressione a livello del mare

COSMO-2 FORECAST
Sea Surface Pressure and Tendency

Version: 925

Sun 19 Aug 2012 03UTC
18.08.2012 21UTC +06h



Air Pressure at Sea Level [hPa]
3h Sea Surface Pressure Tendency [hPa]

Mean: 1021.1 hPa
Mean: 0.1 hPa

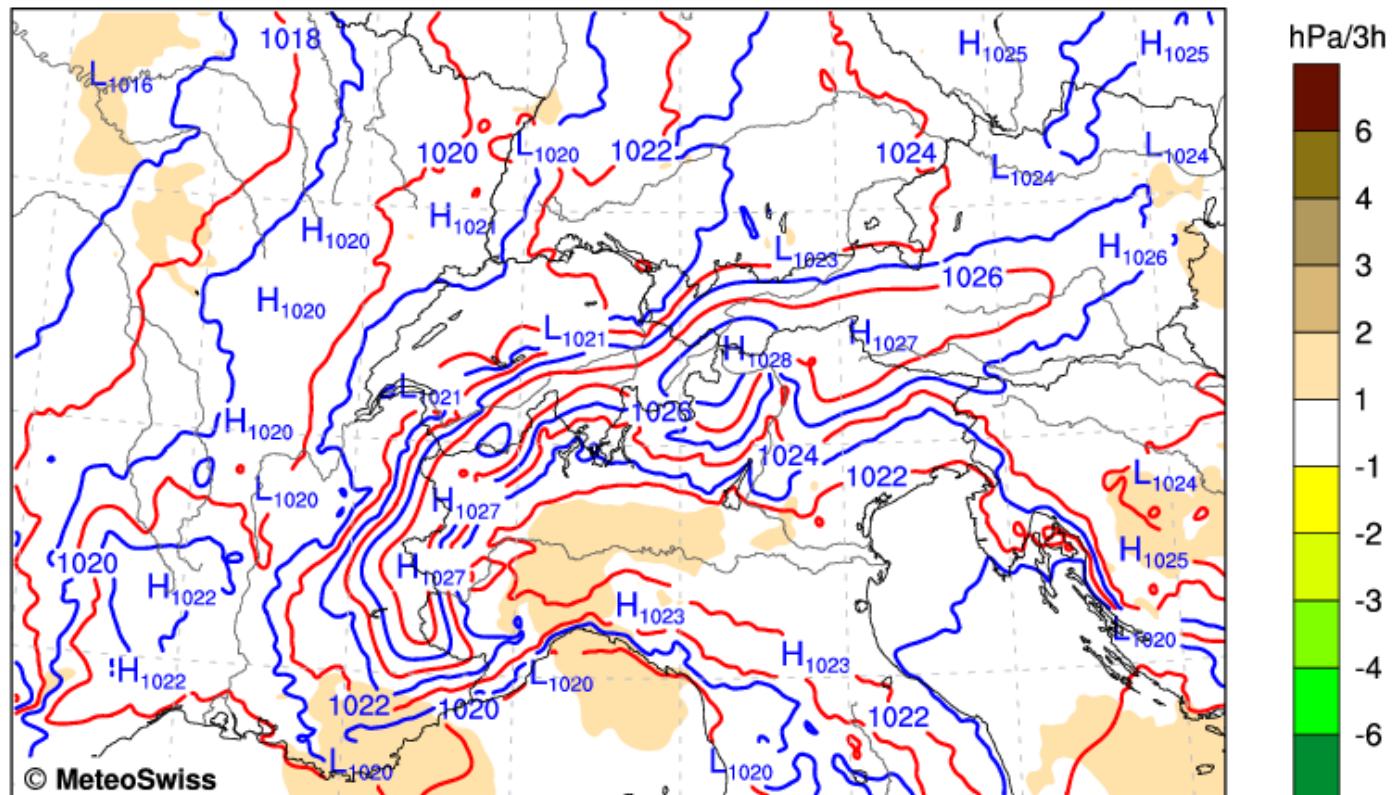


Pressione a livello del mare

COSMO-2 FORECAST
Sea Surface Pressure and Tendency

Version: 925

Sun 19 Aug 2012 06UTC
18.08.2012 21UTC +09h



Air Pressure at Sea Level [hPa]
3h Sea Surface Pressure Tendency [hPa]

Mean: 1021.8 hPa
Mean: 0.7 hPa



UV 1000m

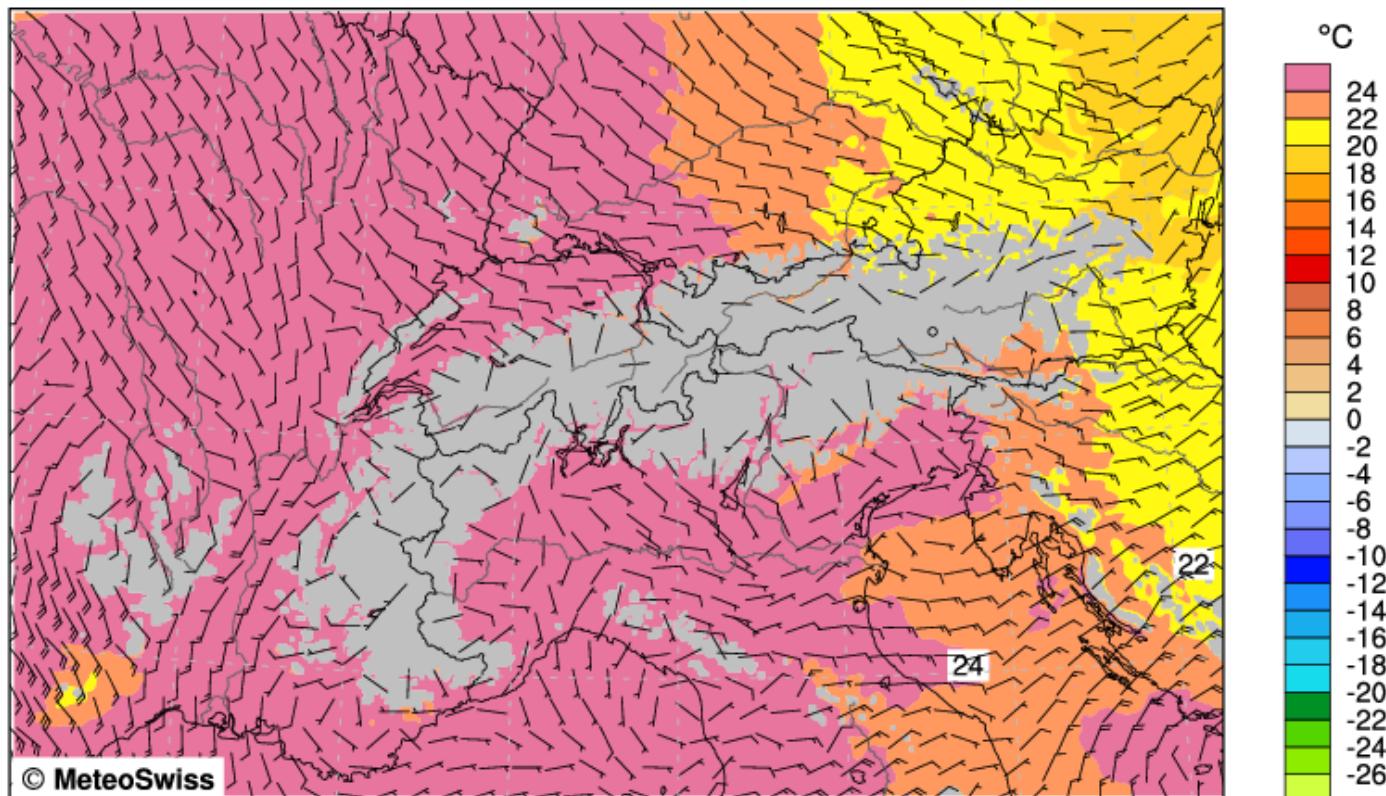
COSMO-2 FORECAST

Version: 925

Temperature and Wind Flags at 1km Height

Sat 18 Aug 2012 18UTC

18.08.2012 09UTC +09h



Air Temperature [deg C], level = 1000 m
wind speed [knots], level = 1000 m

Mean: 25.1 Min/Max: 17.7/ 32.7 [deg C]
Mean: 9.4 Max: 31.8 [knots]



UV 1000m

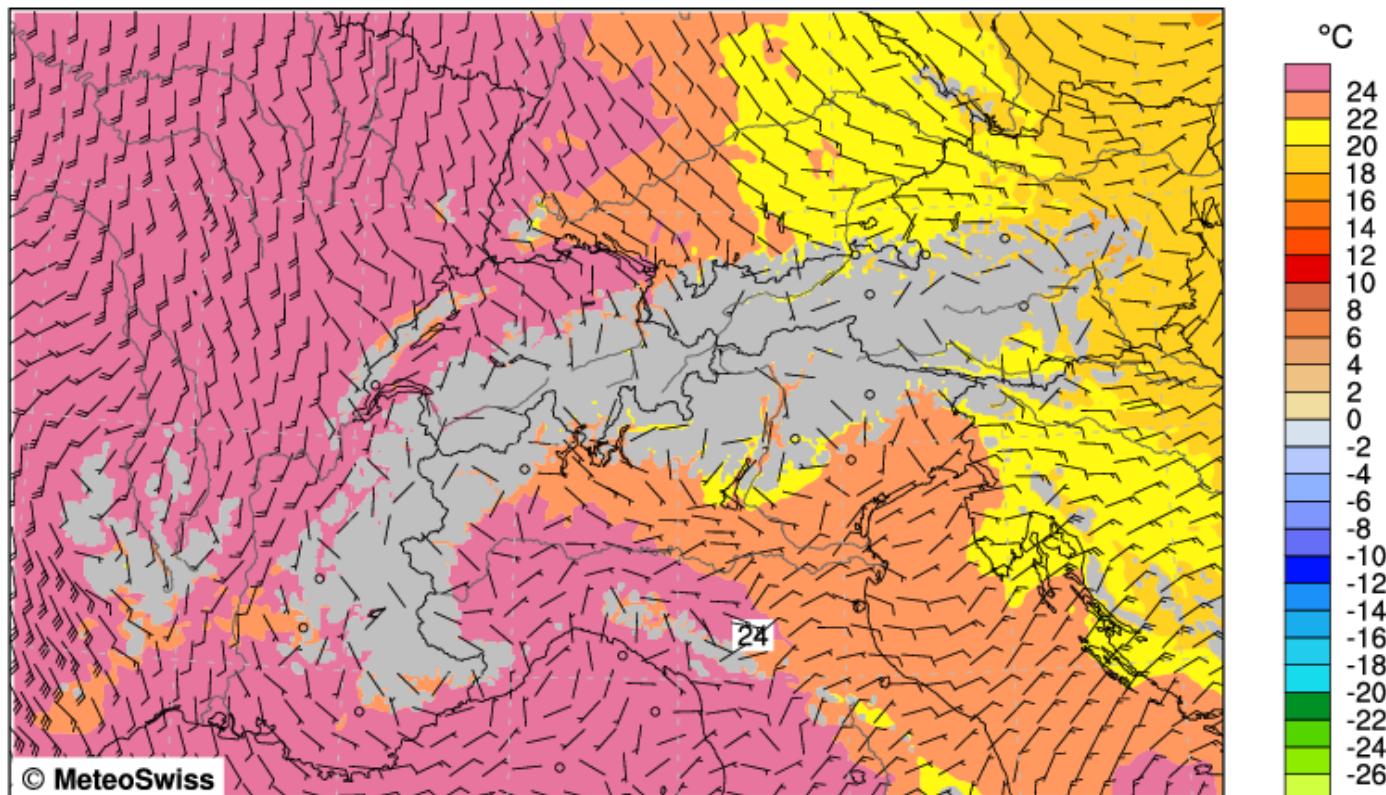
COSMO-2 ANALYSIS

Version: 925

Sat 18 Aug 2012 21UTC

Temperature and Wind Flags at 1km Height

18.08.2012 21UTC +00h



Air Temperature [deg C], level = 1000 m
wind speed [knots], level = 1000 m

Mean: 24.0 Min/Max: 16.1/ 31.7 [deg C]
Mean: 9.6 Max: 35.5 [knots]



UV 1000m

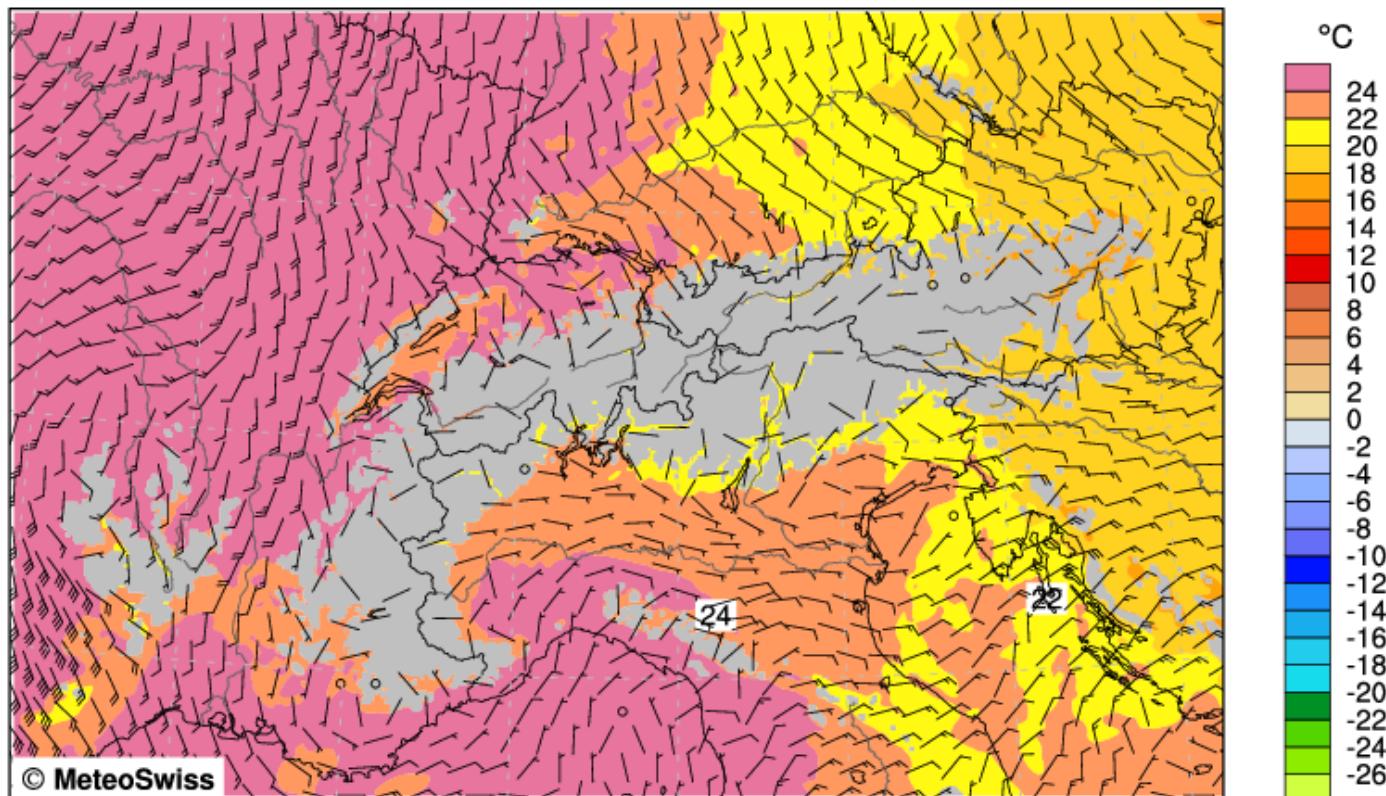
COSMO-2 FORECAST

Version: 925

Sun 19 Aug 2012 00UTC

Temperature and Wind Flags at 1km Height

18.08.2012 21UTC +03h



Air Temperature [deg C], level = 1000 m
wind speed [knots], level = 1000 m

Mean: 23.5 Min/Max: 15.5/ 31.1 [deg C]
Mean: 10.2 Max: 39.3 [knots]



UV 1000m

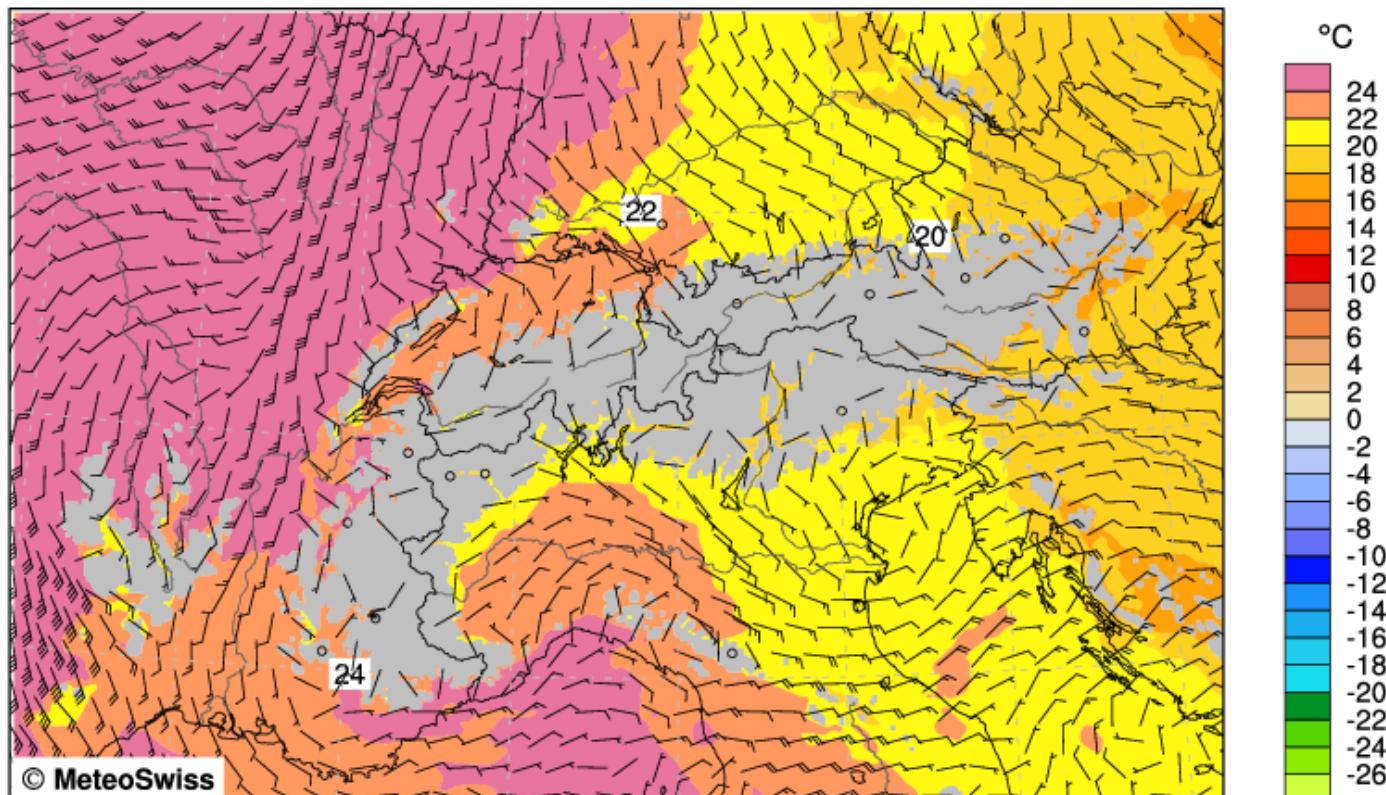
COSMO-2 ANALYSIS

Version: 925

Sun 19 Aug 2012 03UTC

Temperature and Wind Flags at 1km Height

19.08.2012 03UTC +00h



Air Temperature [deg C], level = 1000 m
wind speed [knots], level = 1000 m

Mean: 22.8 Min/Max: 15.0/ 30.3 [deg C]
Mean: 10.5 Max: 41.4 [knots]



UV 1000m

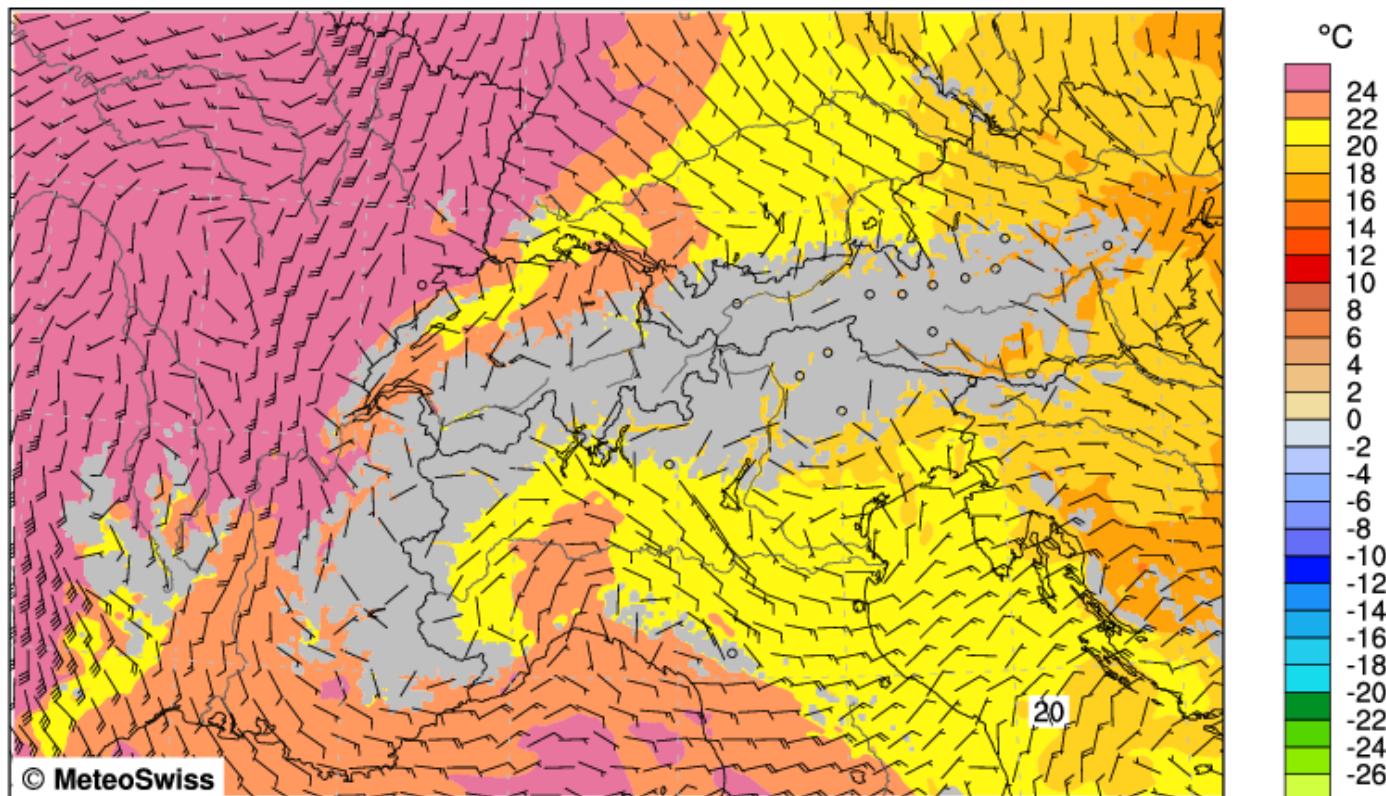
COSMO-2 FORECAST

Version: 925

Temperature and Wind Flags at 1km Height

Sun 19 Aug 2012 06UTC

19.08.2012 03UTC +03h



Air Temperature [deg C], level = 1000 m
wind speed [knots], level = 1000 m

Mean: 22.4 Min/Max: 14.8/ 29.8 [deg C]
Mean: 9.6 Max: 40.5 [knots]

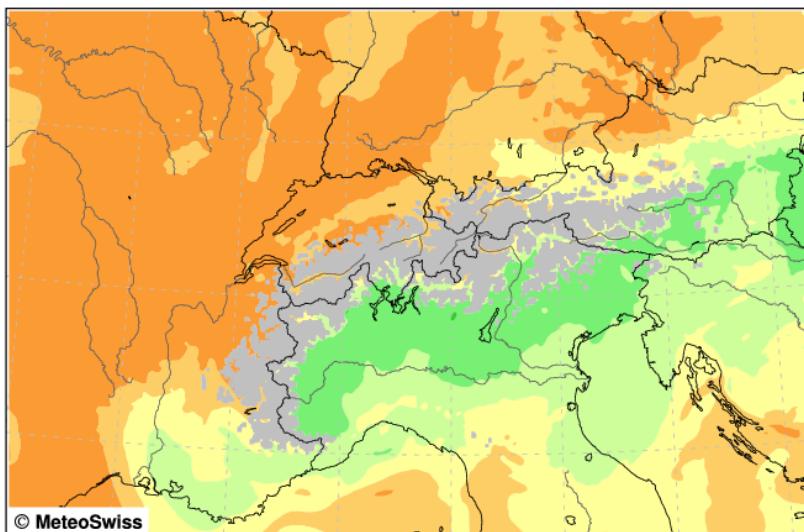


Umidità @800 @850 hPa

COSMO-2 FORECAST
850hPa Relative Humidity

Version: 925

Sun 19 Aug 2012 06UTC
19.08.2012 03UTC +03h

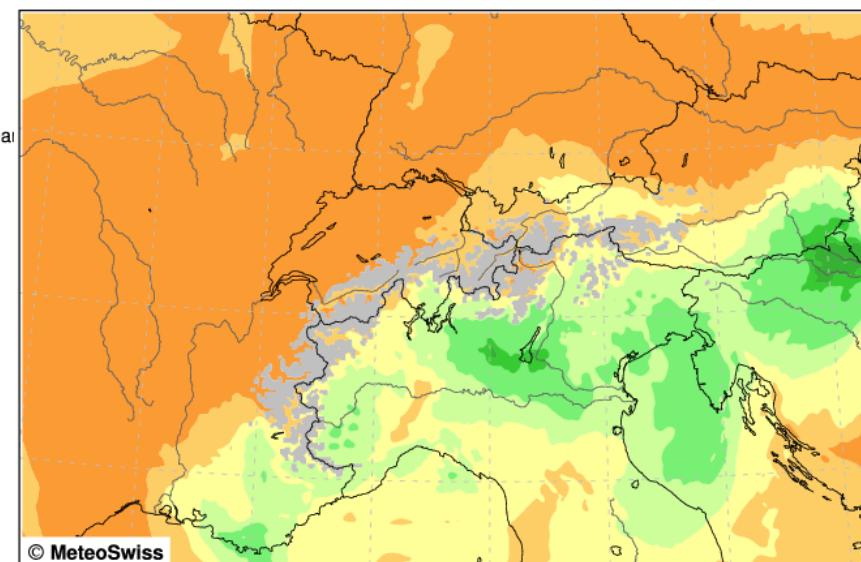


Relative Humidity [%], level = 850 hPa

COSMO-2 FORECAST
800hPa Relative Humidity

Version: 925

Sun 19 Aug 2012 06UTC
19.08.2012 03UTC +03h

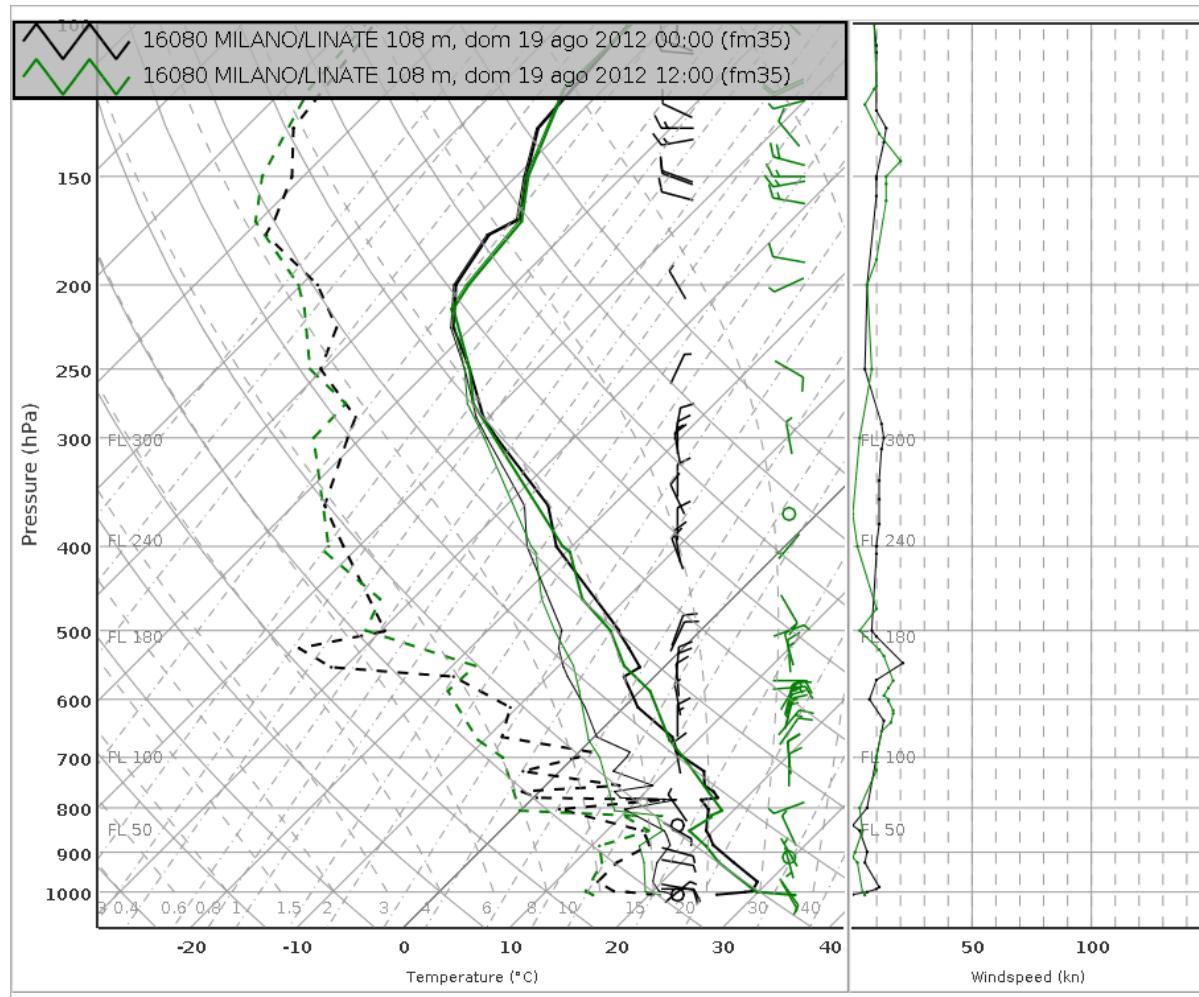


Relative Humidity [%], level = 800 hPa

Mean: 40.8 %

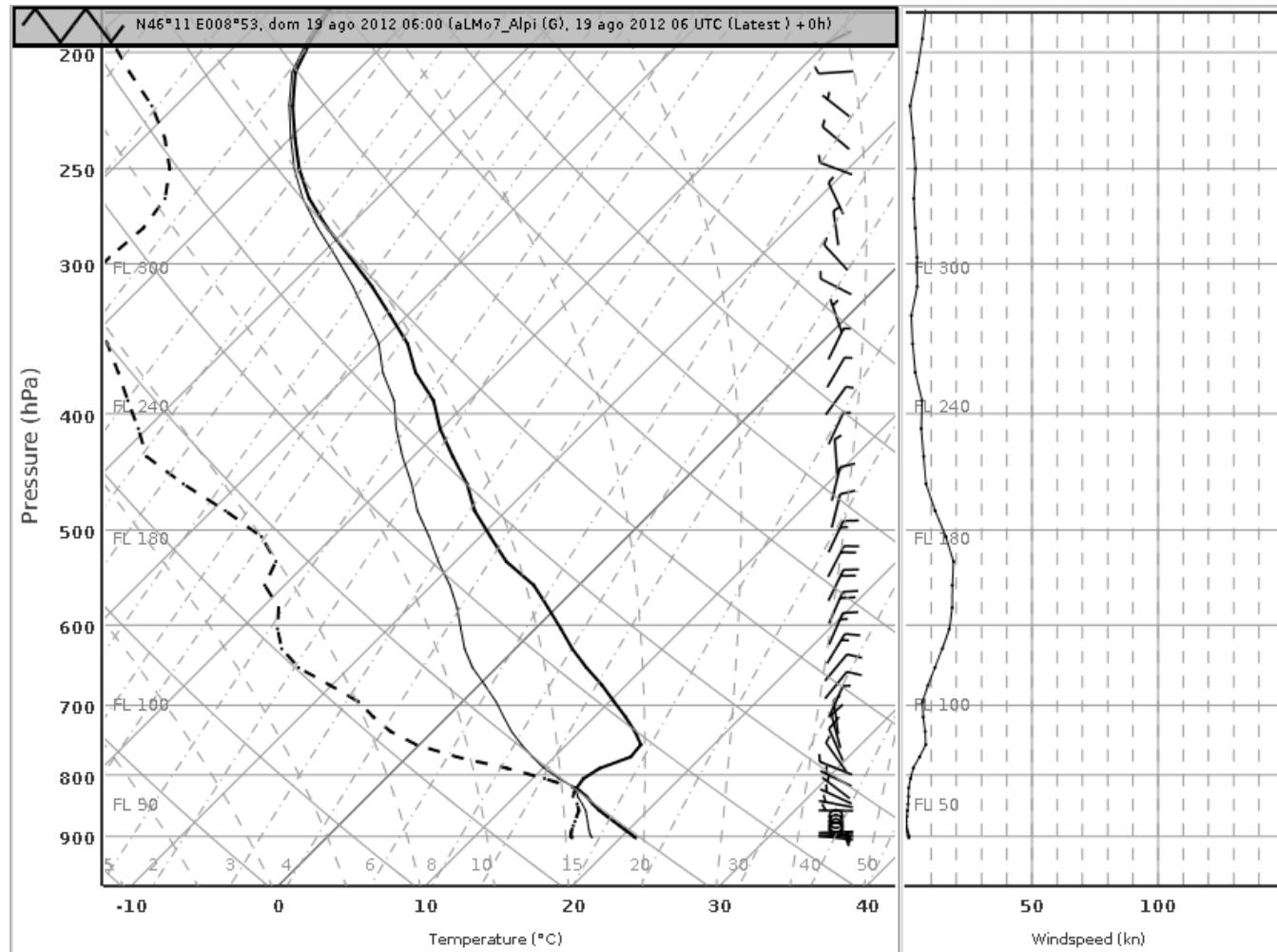


Radiosondaggio





Pseudosondaggio





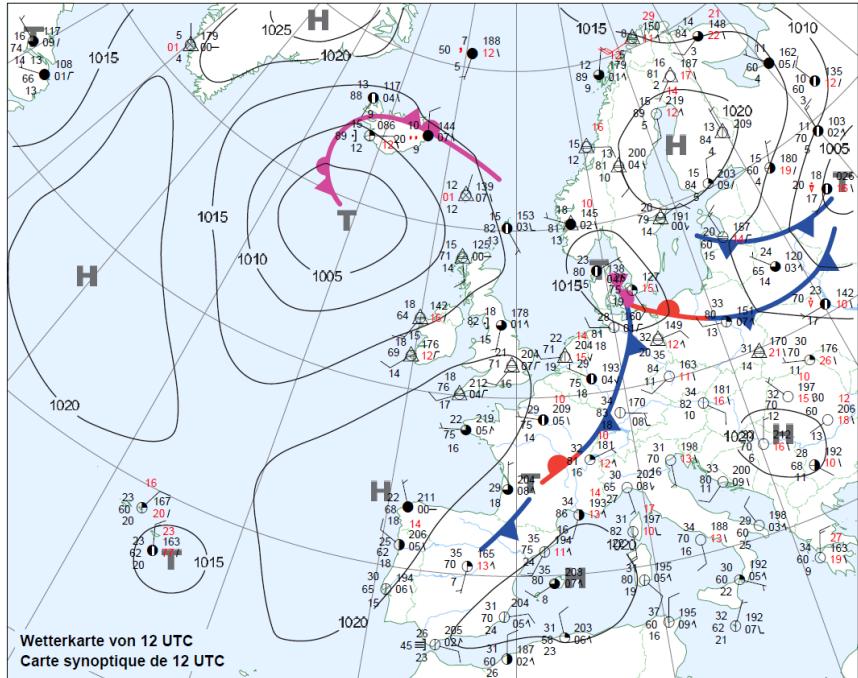
20 agosto: foschia, Alto Adige, Val Aurina



Mauro Guerini



20 agosto: foschia, Alto Adige, Val Aurina



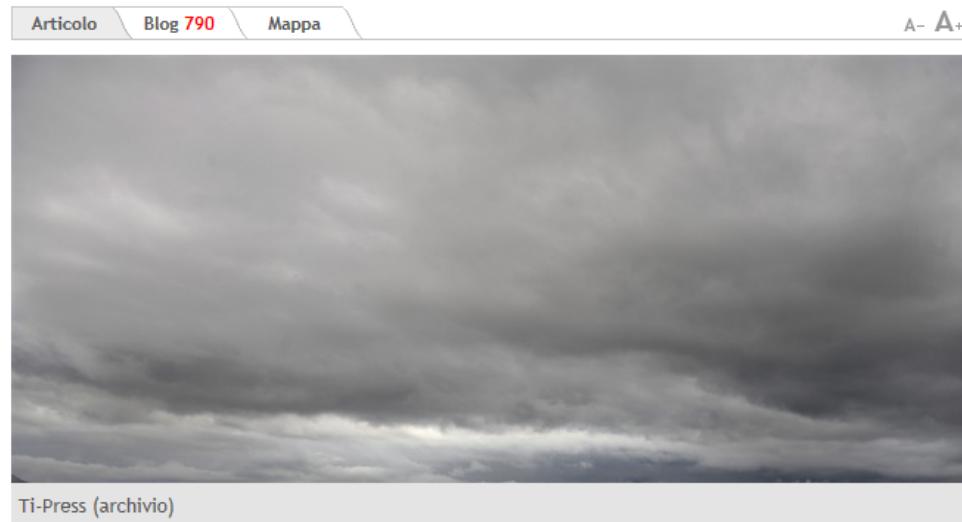
Mauro Guerini



24-25.8 violenti temporali, Bregaglia e Locarno

BREGAGLIA

Campeggio evacuato a causa del maltempo



BREGAGLIA - A causa delle forti precipitazioni di ieri sera il campeggio di Bondo nel comune di Bregaglia è stato evacuato. Fortunatamente nessuna persona ha riportato ferite.

Il fiume Bondasca in serata si è ingrossato portando a valle una grossa quantità di detriti. Per garantire la sicurezza agli occupanti del campeggio di Bondo e alcune case situate nelle vicinanze si è dovuto procedere all'evacuazione.

Le circa 40 persone sono state sistemate presso l'ospedale di Spino. Una parte del campeggio è stato allagato ed una casa leggermente danneggiata.

All'intervento, oltre alle autorità comunali ed agli organi forestali, hanno partecipato 28 militi del corpo pompieri.

Questa mattina l'allarme è rientrato e l'evacuazione è stata revocata. Al momento sono in corso le opere di sgombero del materiale sassoso e melmoso dal letto del fiume.





24-25.8 violenti temporali, Agno





24-25.8 violenti temporali, Verbania

LA STAMPA.it VERBANO CUSIO C

EDIZIONI LOCALI: TORINO - CUNEO - AOSTA - ASTI - NOVARA - VCO - VERCELLI - BIELLA - ALESSANDRIA - SAVON

ATTUALITÀ | OPINIONI | ECONOMIA | SPORT | TORINO | CULTURA | SPETTACOLI | MOTORI | DONNA | CUCI

HOME | POLITICA | ESTERI | CRONACHE | COSTUME | TECNOLOGIA | SCIENZA | AMBIENTE | LAZAMPA



VERBANIA

26.08.2012 -

Verbania, è il giorno della conta dei danni

Due i feriti ricoverati per la violenta tromba d'aria

Sono due i feriti ricoverati in seguito della violenta tromba d'aria che ieri sera verso le 20 si è abbattuta sul Verbano, colpendo in particolare Verbania e Baveno. Al Dea del Castelli una persona è con un braccio fratturato ed un'altra, trasportata poi all'ospedale di Novara, ha due vertebre rotte.

Intanto prosegue la conta dei danni. con



Cronaca

La citta' messa in ginocchio da un tremendo acquazzone

Verbania, nubifragio provoca danni e feriti

Bufera su una gara di canoa in Sardegna

Verbania - Il territorio di Verbania è stato colpito un tremendo nubifragio, che ha provocato numerosi danni e il ferimento di due persone. Ci sono stati allagamenti (in particolare nella frazione Introdacqua), cadute di alberi, sconcerchiature di tetti, blackouts e due donne sono rimaste ferite. Il Comune ha attivato la sala operativa della protezione civile e raccomandato alla popolazione di non uscire di casa.

10:54 | Posted by Rino Perla

Verbania messa in ginocchio da un tremendo diluvio: danni e feriti

La Politica
minuto per
minuto su
la Politica
Italiana.it

TM
news

agenzia giornalistica

Contenuti per i m

HOME | NEWS | VIDEO | FOTO

POLITICA | CRONACA | ECONOMIA | ESTERI | SPETTACOLO | SPORT | SPECIALI

LA NEWS DEL GIORNO | CANALE: Economia 10:32 - Roma, 27 ago 2012

Tromba d'aria a Verbania, si contano i danni. Due feriti

Due persone con fratture non gravi, ricoverate ieri subito dopo il nubifragio



Verbania è stata colpita da un tremendo diluvio, che ha provocato numerosi danni e il ferimento di due persone. Tra gli allagamenti cadute di alberi, sconcerchiature di tetti







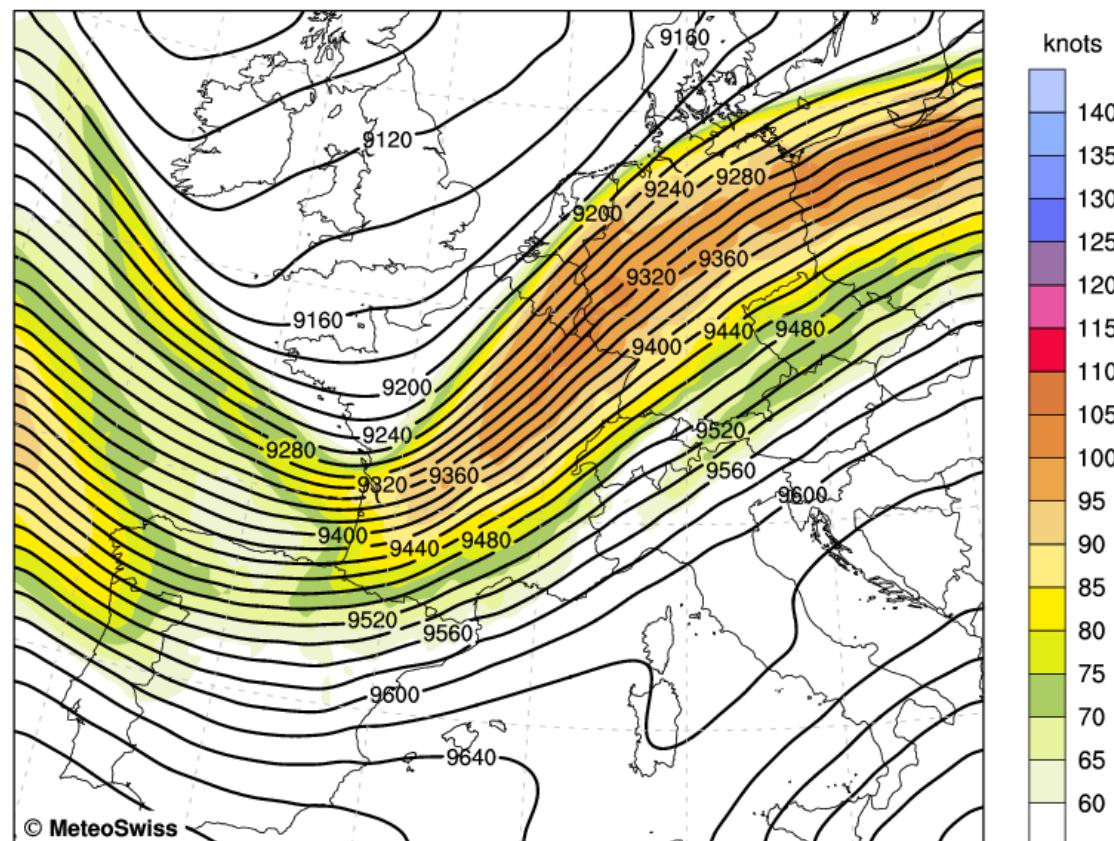
UV@300hPa

COSMO-7 FORECAST
300hPa Windspeed and Geopotential

Version: 925

Sat 25 Aug 2012 15UTC

25.08.2012 00UTC +15h



wind speed [knots], level = 300 hPa
Geopotential [gpm], level = 300 hPa

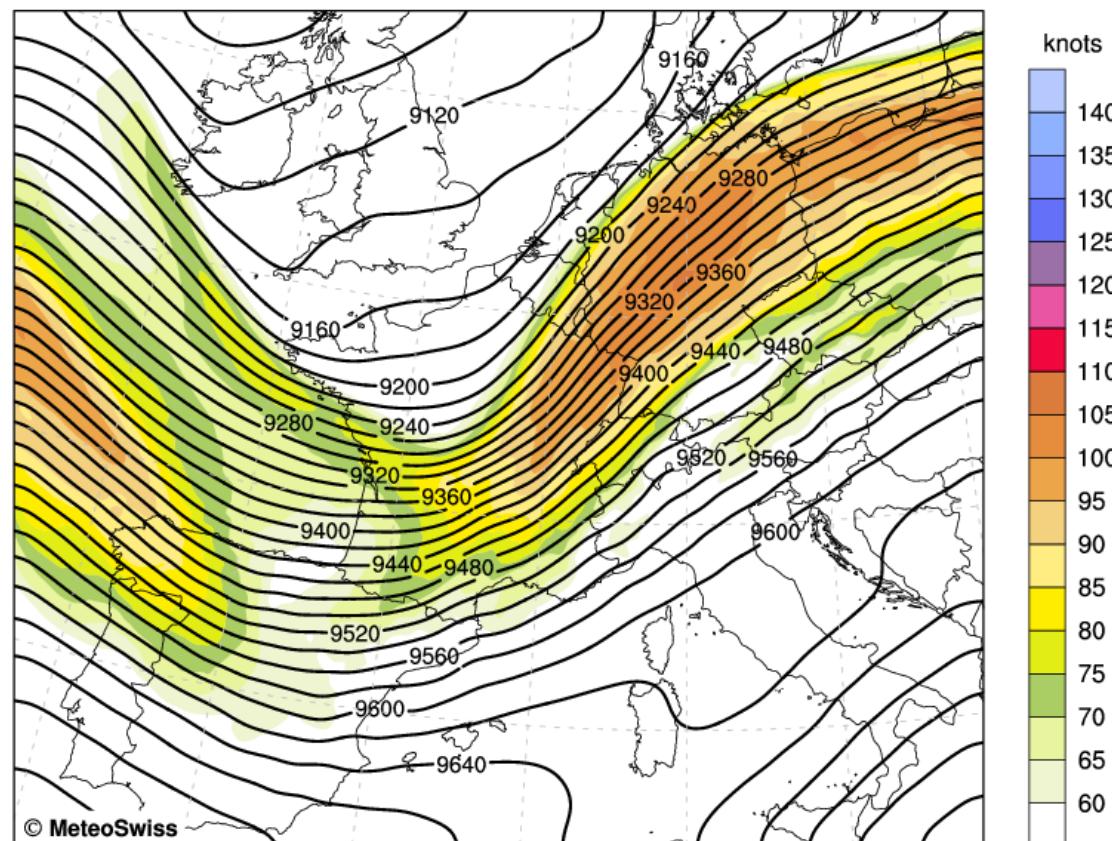
Mean: 51.2 Max: 105.7 [knots]
Mean: 9465.2 gpm



UV@300hPa

COSMO-7 FORECAST
300hPa Windspeed and Geopotential
Version: 925

Sat 25 Aug 2012 18UTC
25.08.2012 00UTC +18h



wind speed [knots], level = 300 hPa
Geopotential [gpm], level = 300 hPa

Mean: 50.8 Max: 106.0 [knots]
Mean: 9457.0 gpm



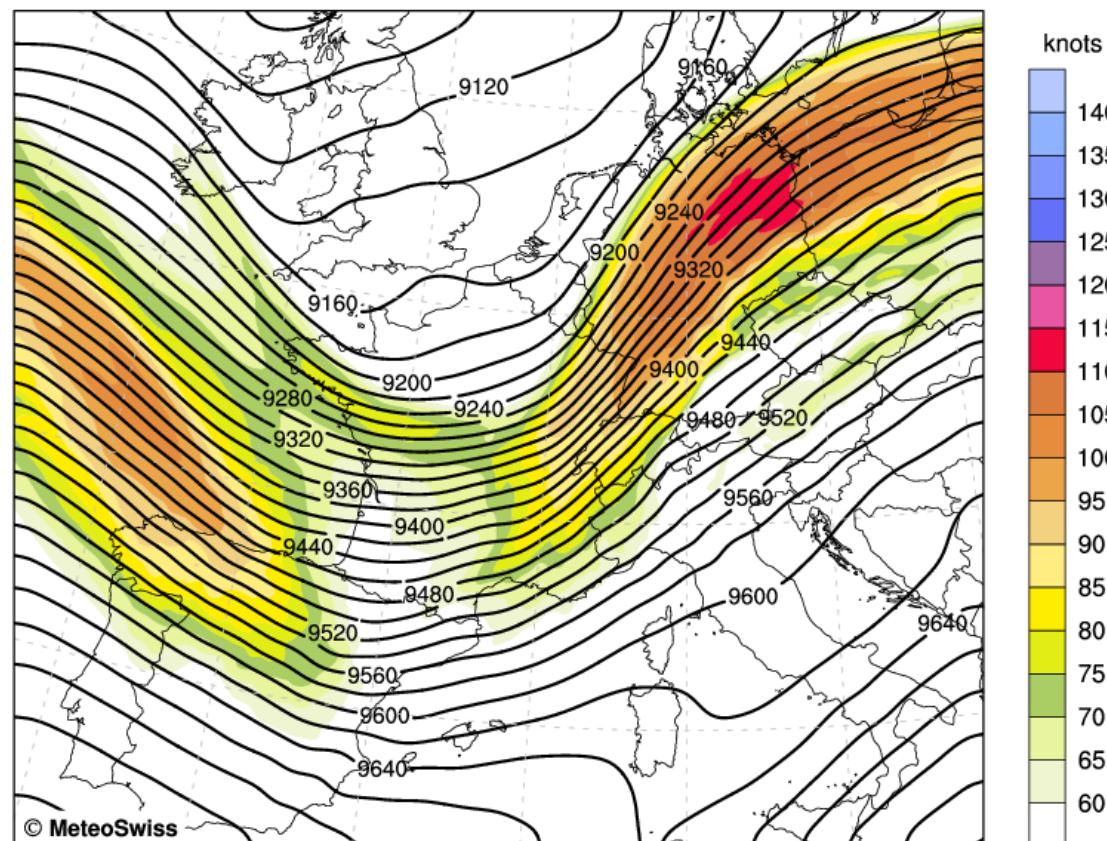
UV@300hPa

COSMO-7 FORECAST
300hPa Windspeed and Geopotential

Version: 925

Sat 25 Aug 2012 21UTC

25.08.2012 00UTC +21h



wind speed [knots], level = 300 hPa
Geopotential [gpm], level = 300 hPa

Mean: 50.9 Max: 113.8 [knots]
Mean: 9450.3 gpm

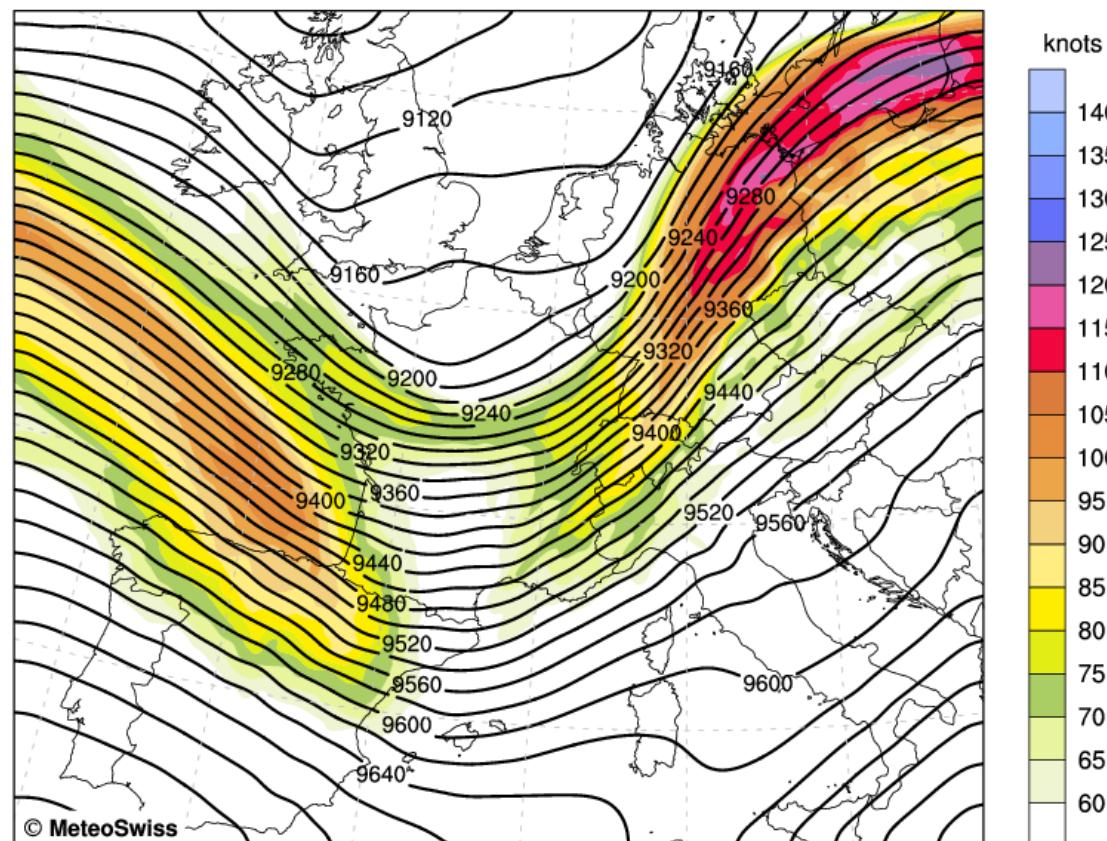


COSMO-7 FORECAST
300hPa Windspeed and Geopotential

Version: 925

Sun 26 Aug 2012 00UTC

25.08.2012 00UTC +24h



wind speed [knots], level = 300 hPa
Geopotential [gpm], level = 300 hPa

Mean: 52.1 Max: 124.8 [knots]
Mean: 9433.3 gpm



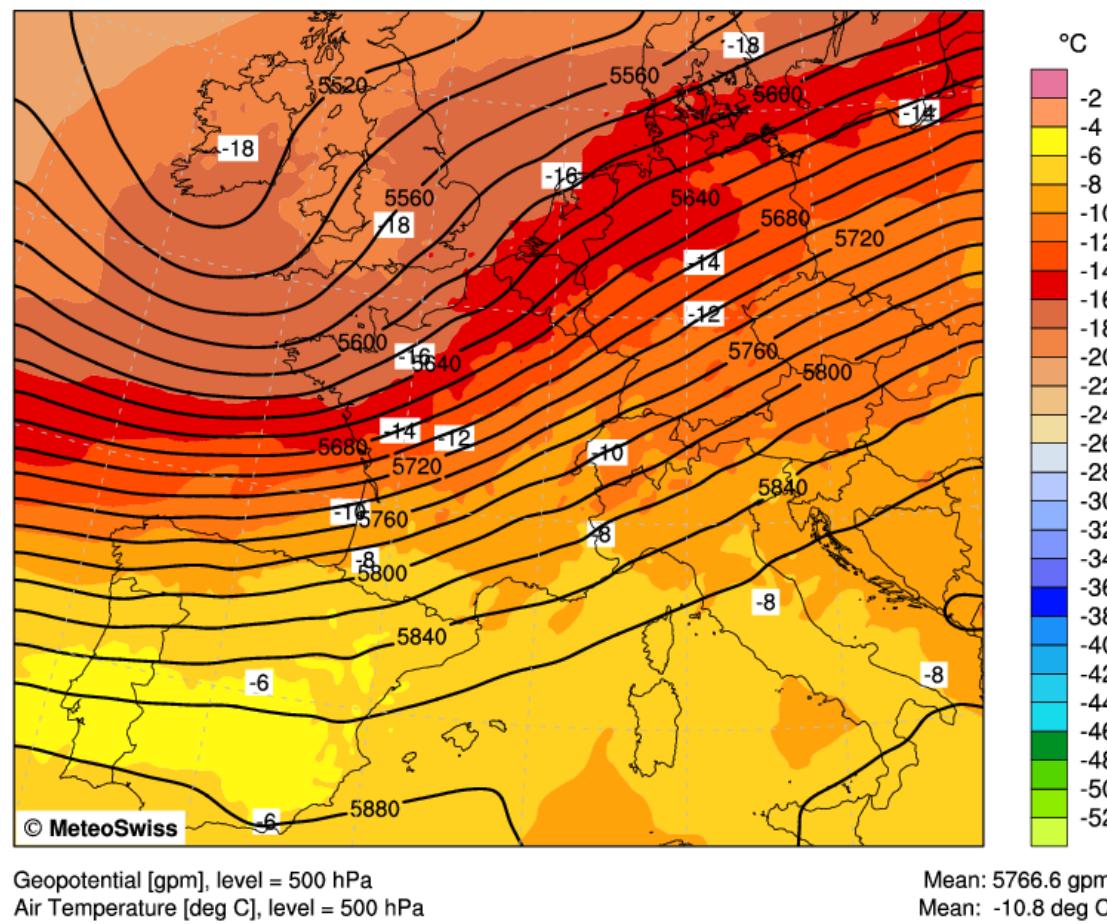
Z@50hPa T@500hPa

COSMO-7 FORECAST
500hPa Geopotential Height and Temperature

Version: 925

Fri 24 Aug 2012 18UTC

24.08.2012 12UTC +06h





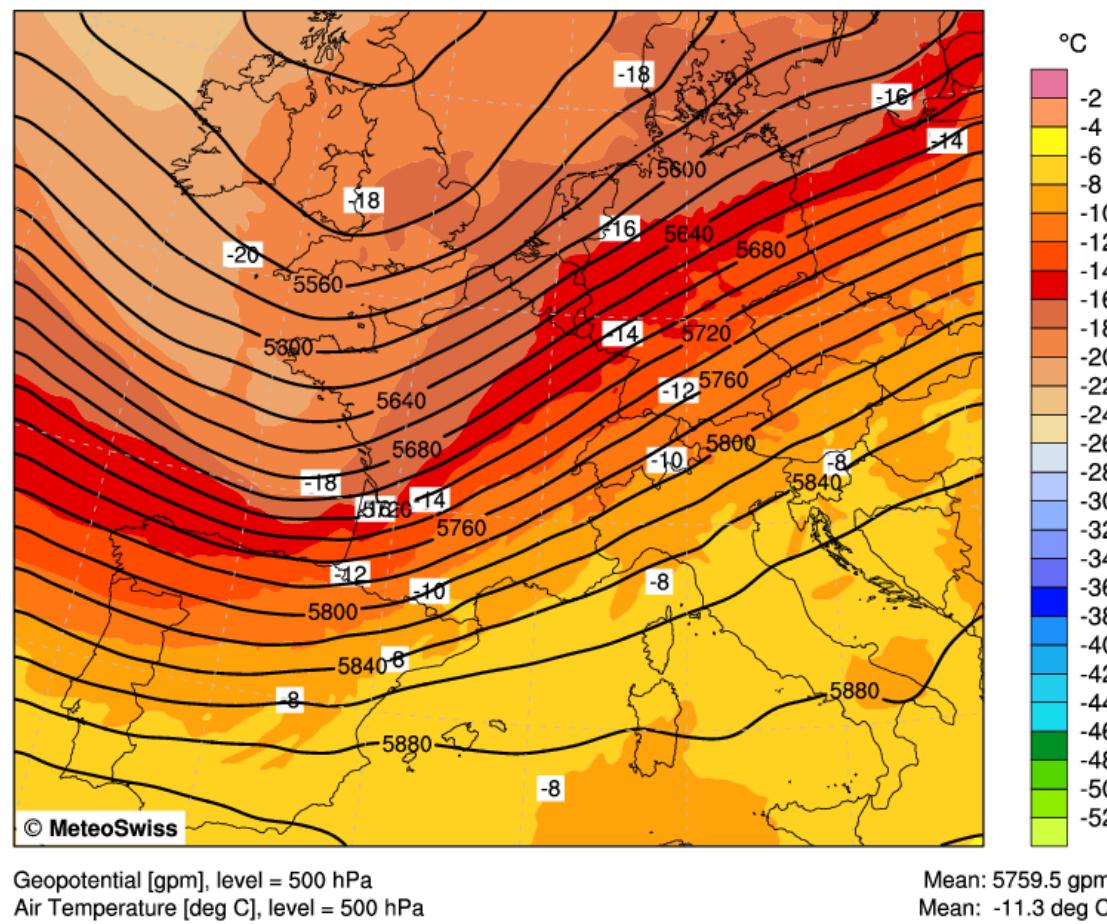
Z@50hPa T@500hPa

COSMO-7 FORECAST
500hPa Geopotential Height and Temperature

Version: 925

Sat 25 Aug 2012 12UTC

25.08.2012 00UTC +12h





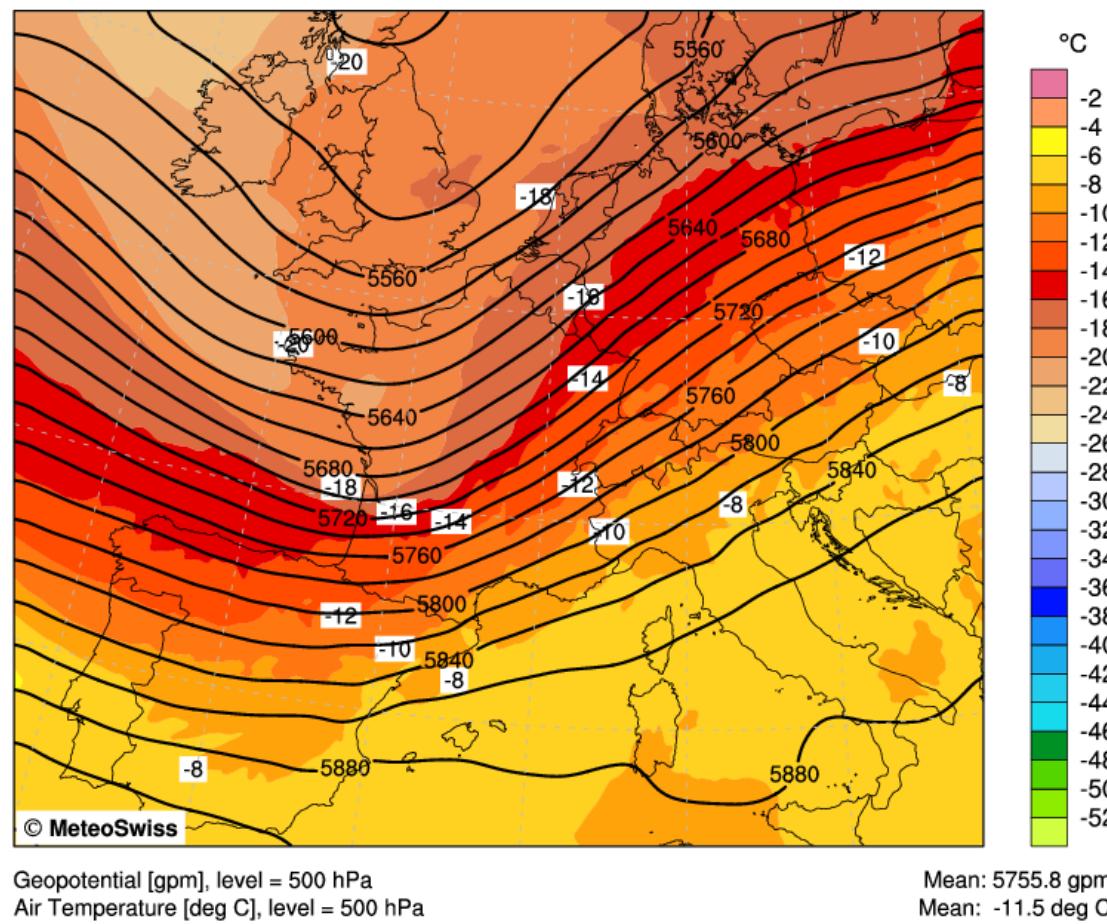
Z@50hPa T@500hPa

COSMO-7 FORECAST
500hPa Geopotential Height and Temperature

Version: 925

Sat 25 Aug 2012 15UTC

25.08.2012 00UTC +15h





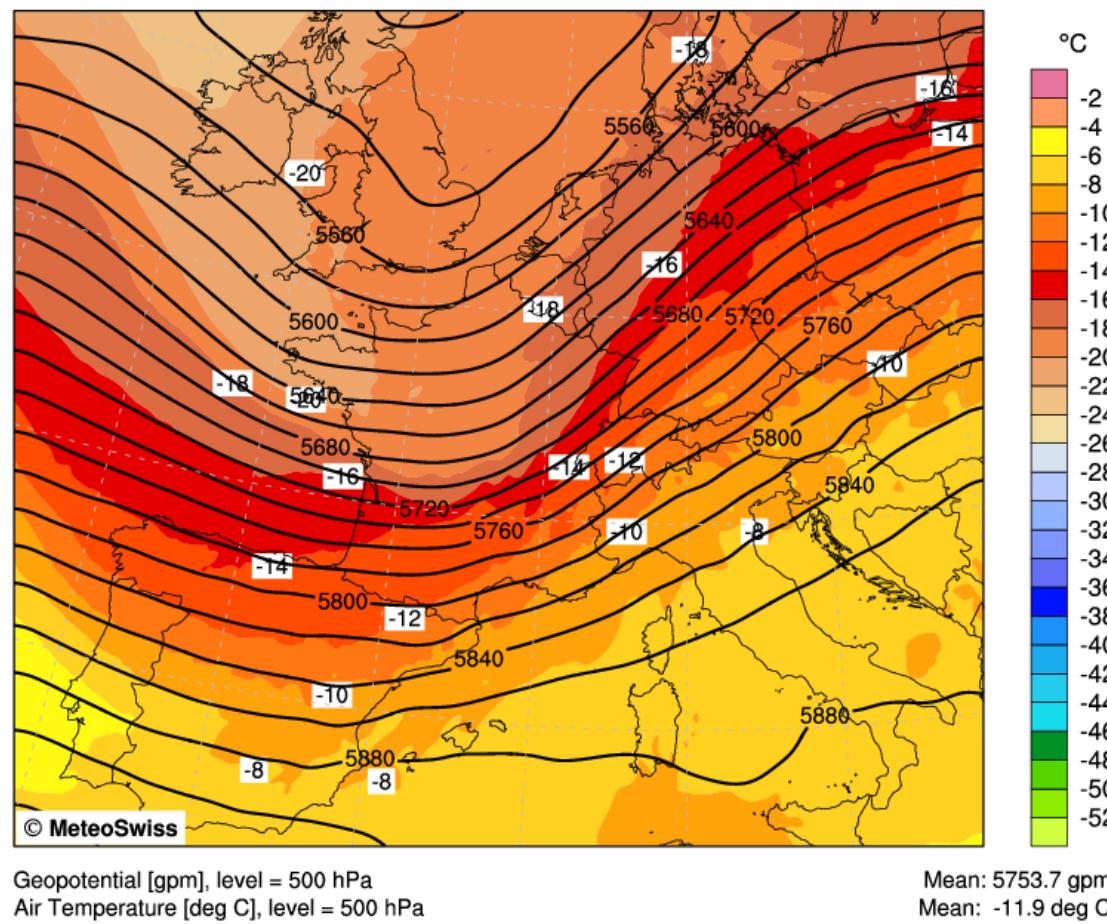
Z@50hPa T@500hPa

COSMO-7 FORECAST
500hPa Geopotential Height and Temperature

Version: 925

Sat 25 Aug 2012 18UTC

25.08.2012 00UTC +18h

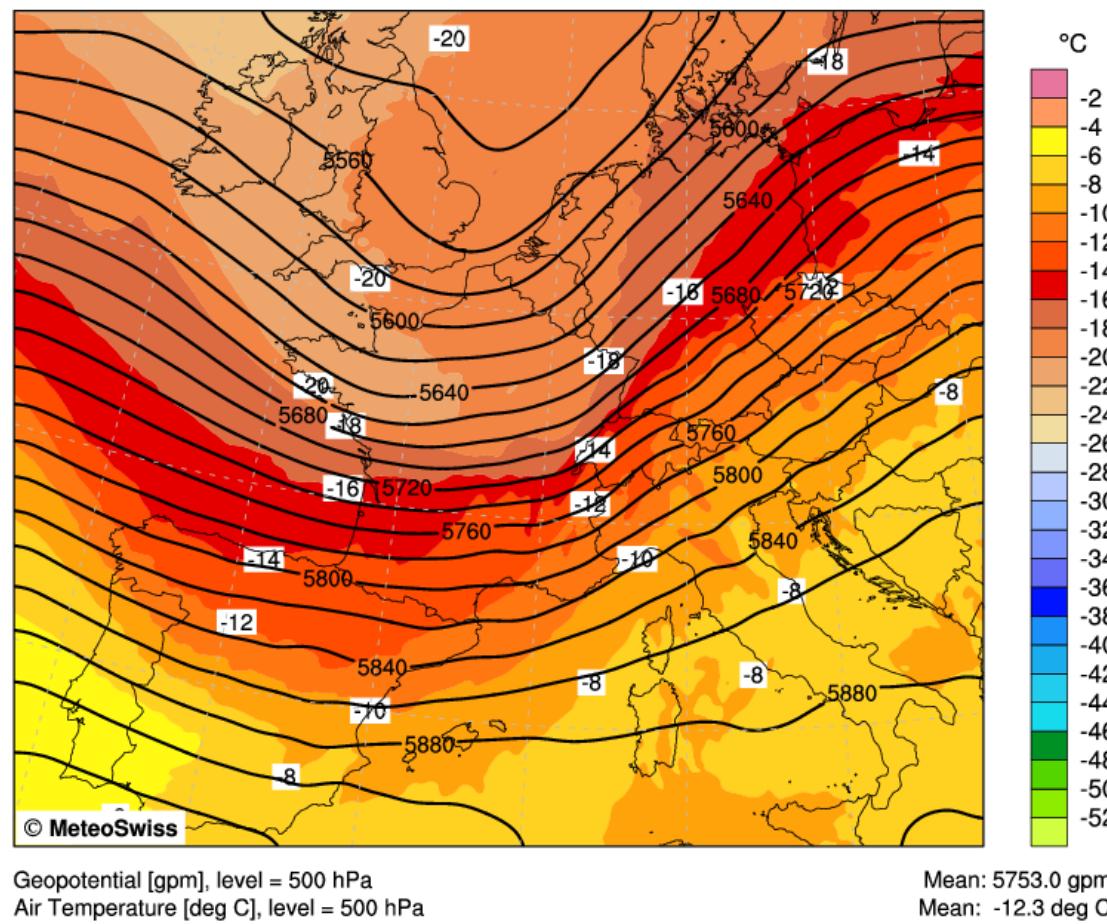




Z@50hPa T@500hPa

COSMO-7 FORECAST
Version: 925
500hPa Geopotential Height and Temperature

Sat 25 Aug 2012 21UTC
25.08.2012 00UTC +21h





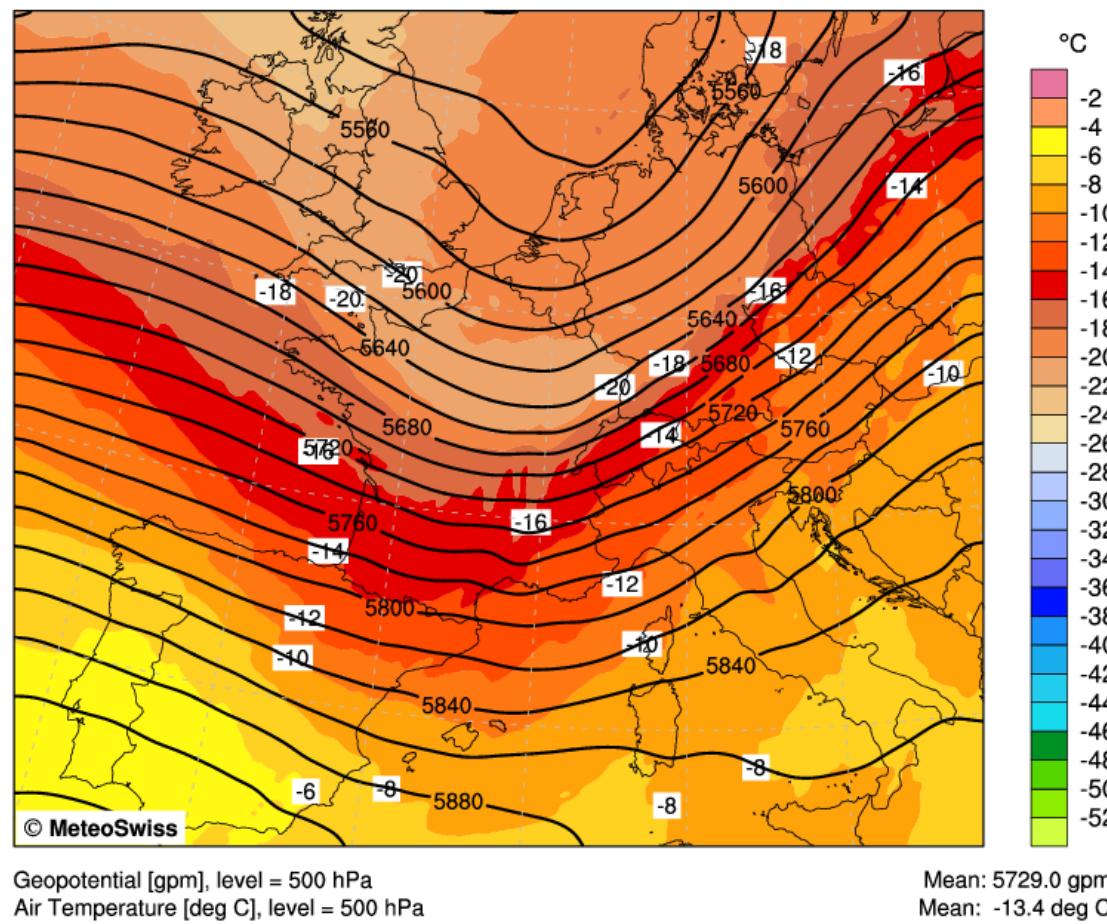
Z@50hPa T@500hPa

COSMO-7 FORECAST
500hPa Geopotential Height and Temperature

Version: 925

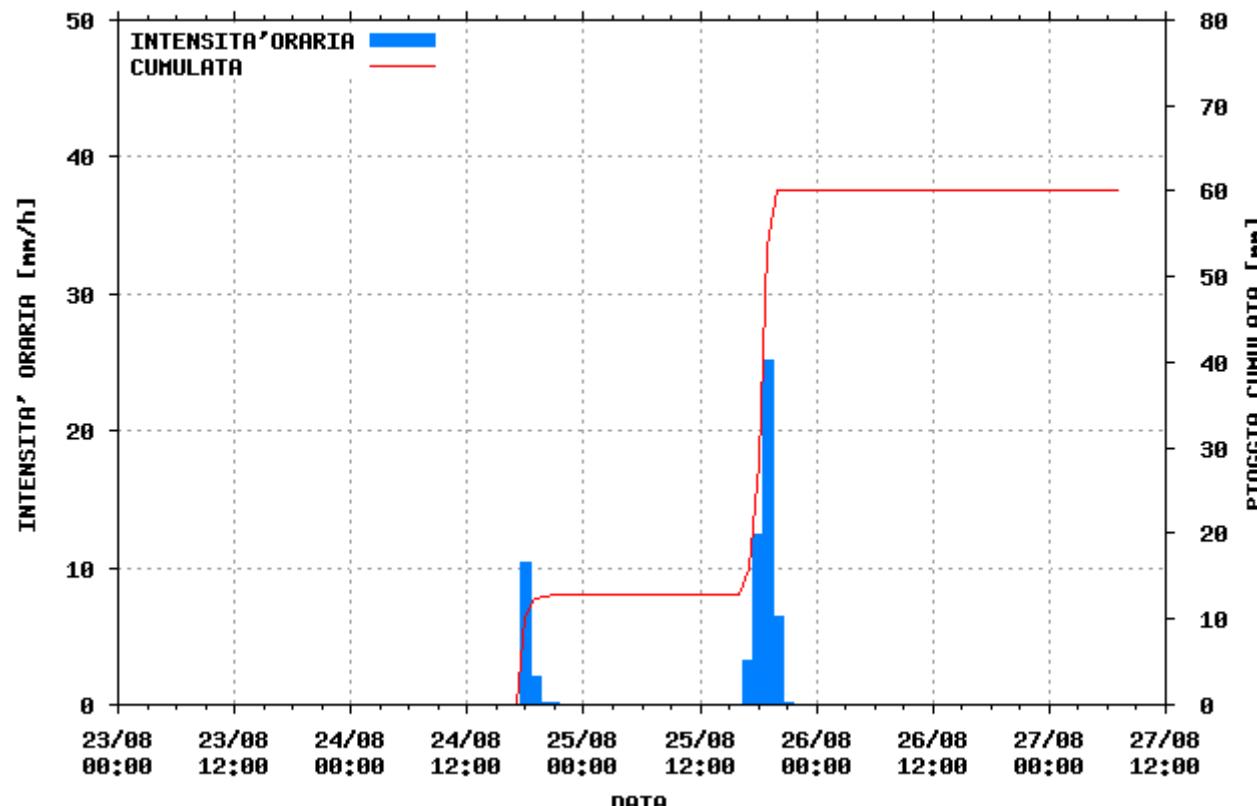
Sun 26 Aug 2012 03UTC

25.08.2012 00UTC +27h





STAZIONE CANNOBIO
PRECIPITAZIONE

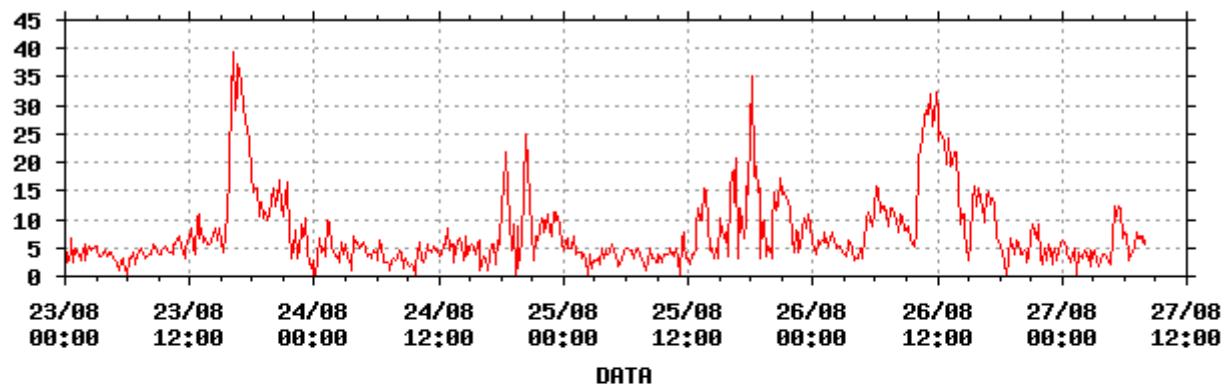


aggiornamento: 27.08.2012 08:44 UTC

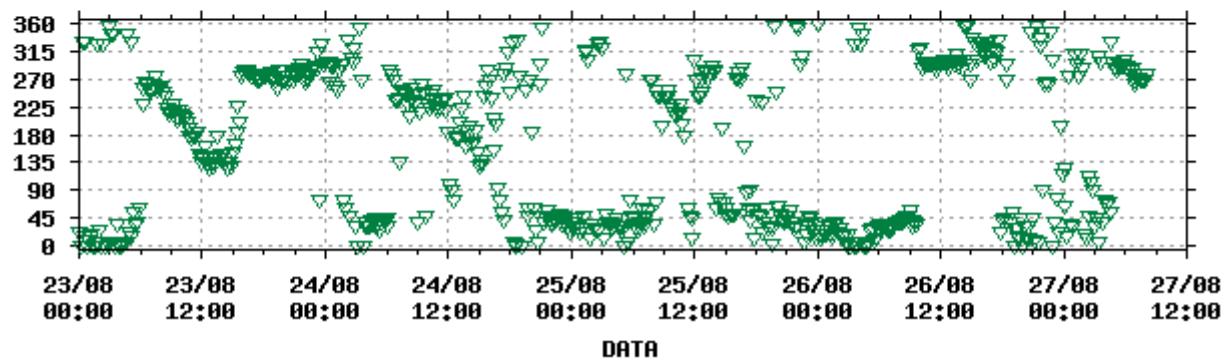
copyright (c) 2006 ARPA Piemonte



STAZIONE PALLANZA
VELOCITA' DEL VENTO [km/h]



DIREZIONE DEL VENTO [gradi]



aggiornamento: 27.08.2012 08:50 UTC

copyright (c) 2006 ARPA Piemonte

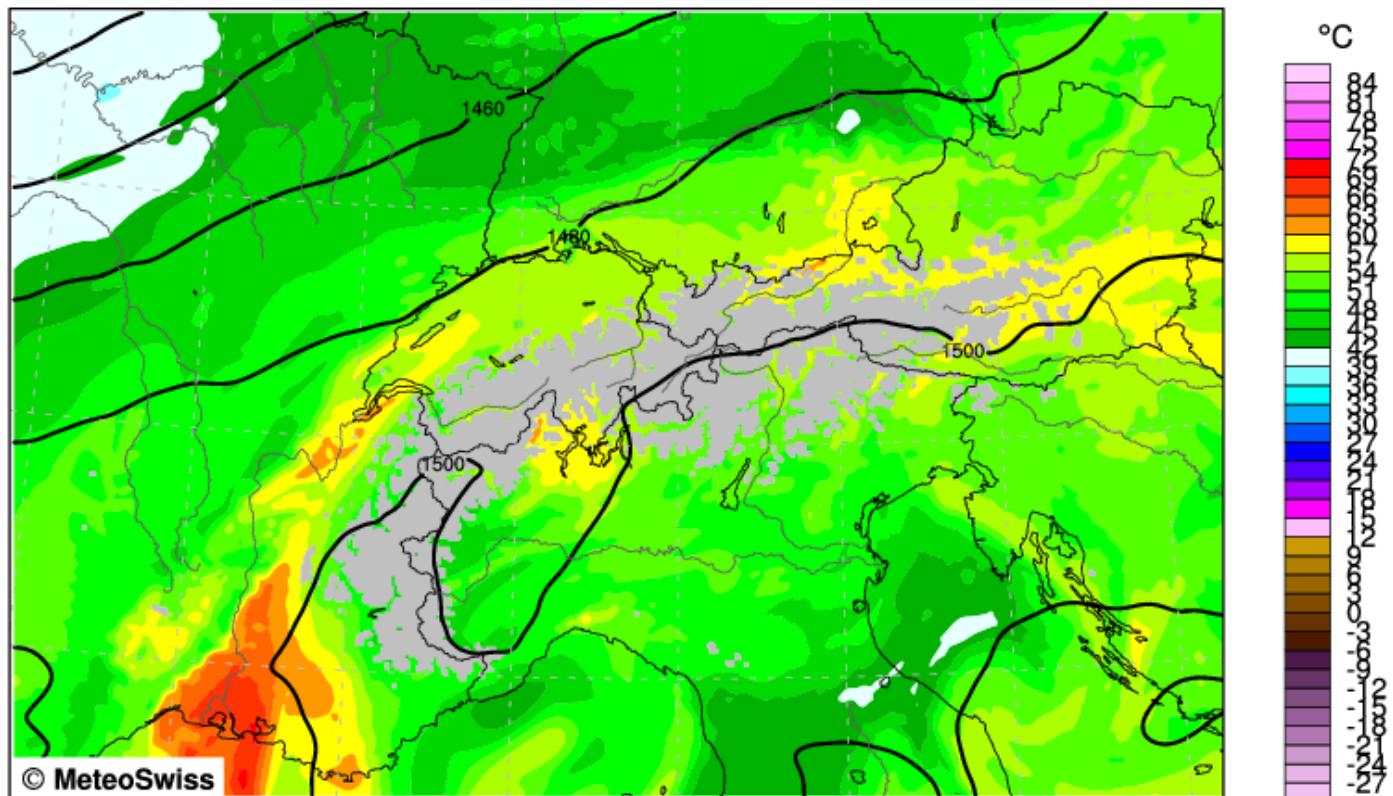


Temperatura potenziale equivalente

COSMO-2 FORECAST
850hPa Geopot. and Equivalent Pot. Temperature

Version: 925

Sat 25 Aug 2012 03UTC
25.08.2012 00UTC +03h



Geopotential [gpm], level = 850 hPa
Equivalent Potential Temperature [deg C], level = 850 hPa

Mean: 1492.7 gpm
Mean: 50.7 °C

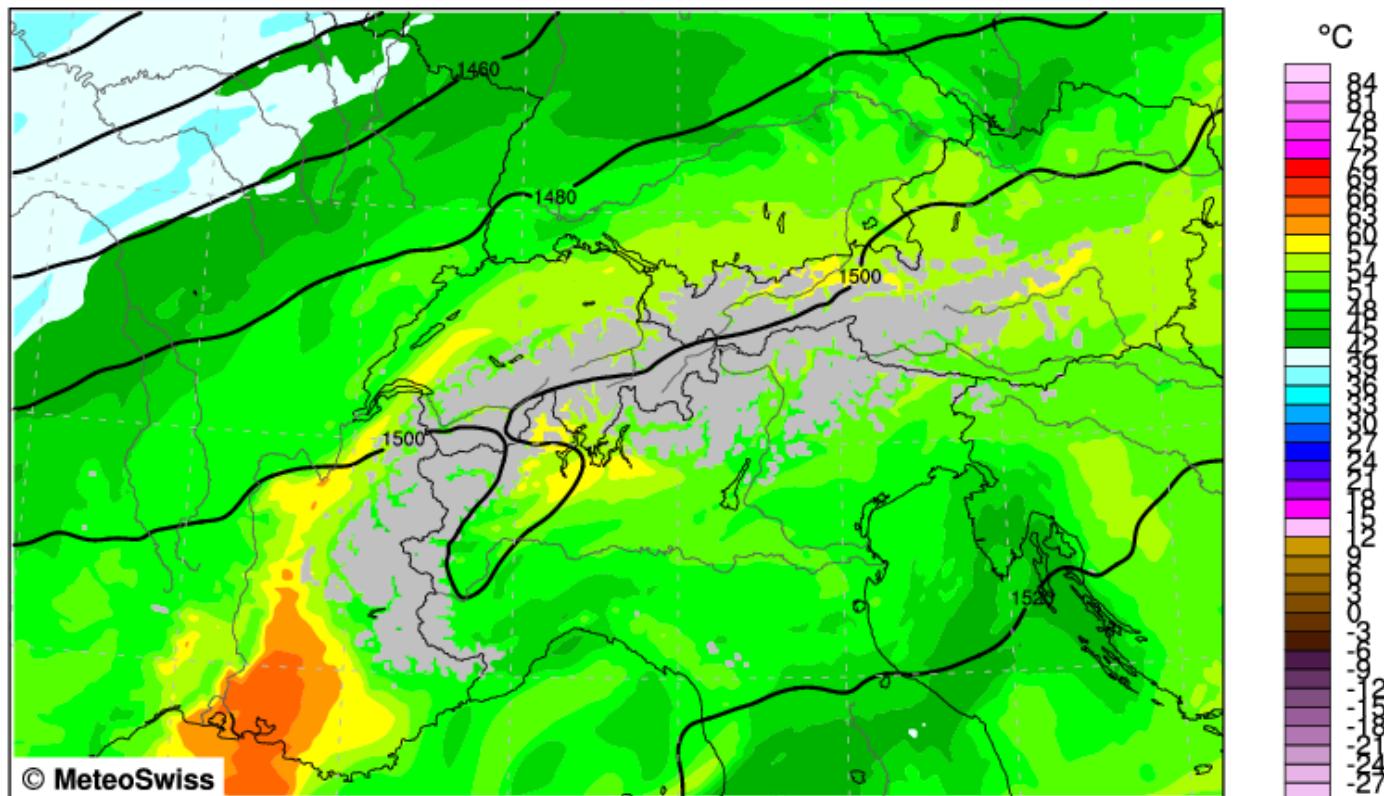


Temperatura potenziale equivalente

COSMO-2 FORECAST
850hPa Geopot. and Equivalent Pot. Temperature

Version: 925

Sat 25 Aug 2012 06UTC
25.08.2012 00UTC +06h



Geopotential [gpm], level = 850 hPa
Equivalent Potential Temperature [deg C], level = 850 hPa

Mean: 1497.3 gpm
Mean: 49.7 °C



Temperatura potenziale equivalente

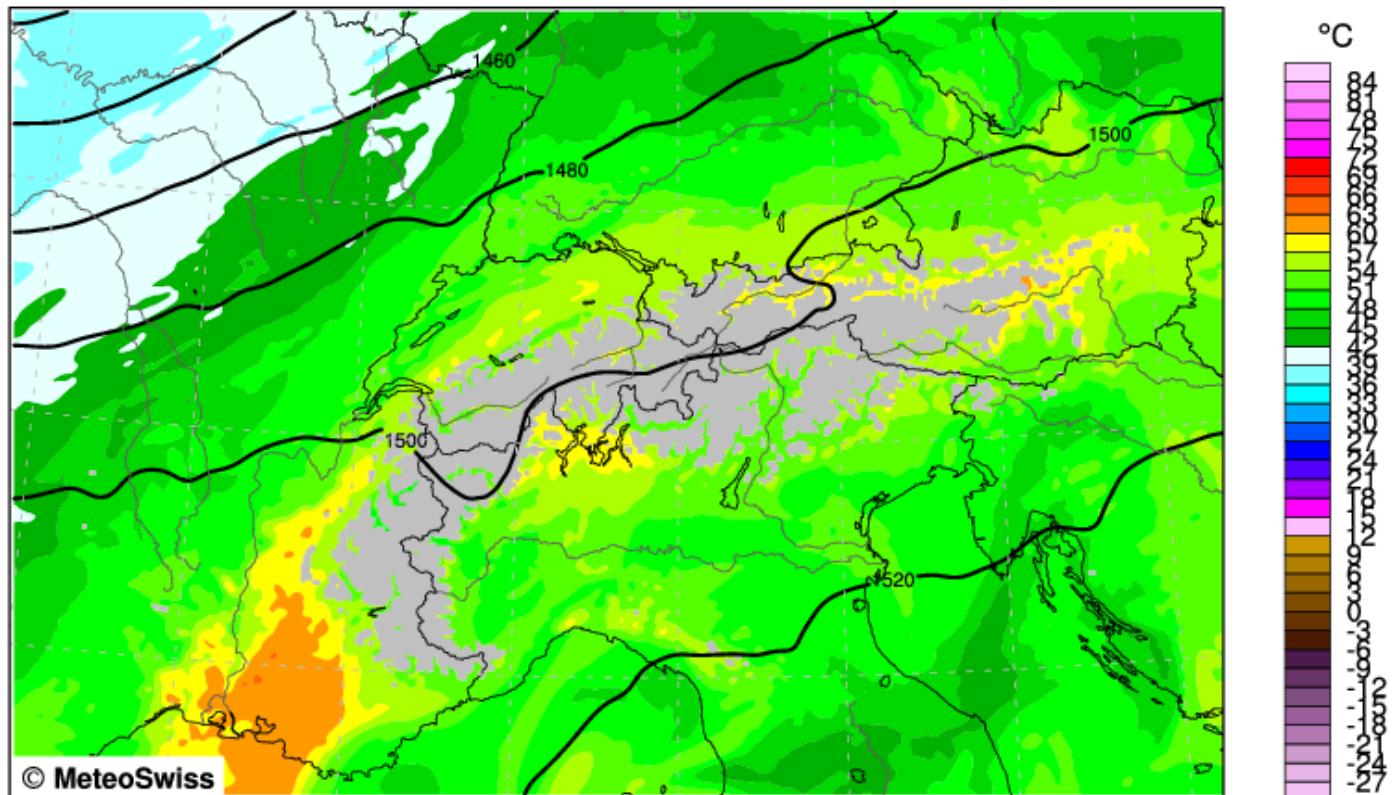
COSMO-2 FORECAST

850hPa Geopot. and Equivalent Pot. Temperature

Version: 925

Sat 25 Aug 2012 09UTC

25.08.2012 00UTC +09h



Geopotential [gpm], level = 850 hPa

Equivalent Potential Temperature [deg C], level = 850 hPa

Mean: 1500.3 gpm

Mean: 49.7 °C

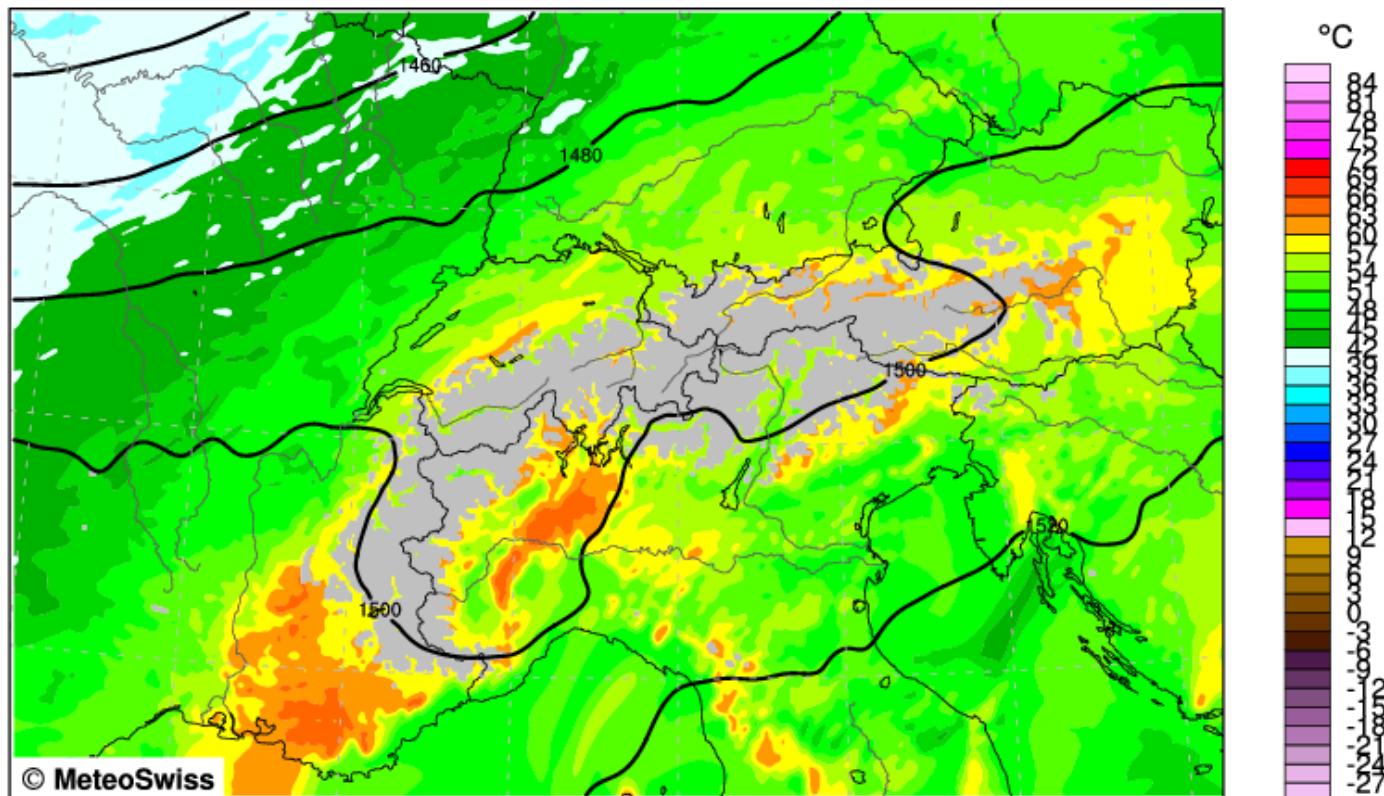


Temperatura potenziale equivalente

COSMO-2 FORECAST
850hPa Geopot. and Equivalent Pot. Temperature

Version: 925

Sat 25 Aug 2012 12UTC
25.08.2012 00UTC +12h



Geopotential [gpm], level = 850 hPa
Equivalent Potential Temperature [deg C], level = 850 hPa

Mean: 1499.9 gpm
Mean: 51.2 °C



Temperatura potenziale equivalente

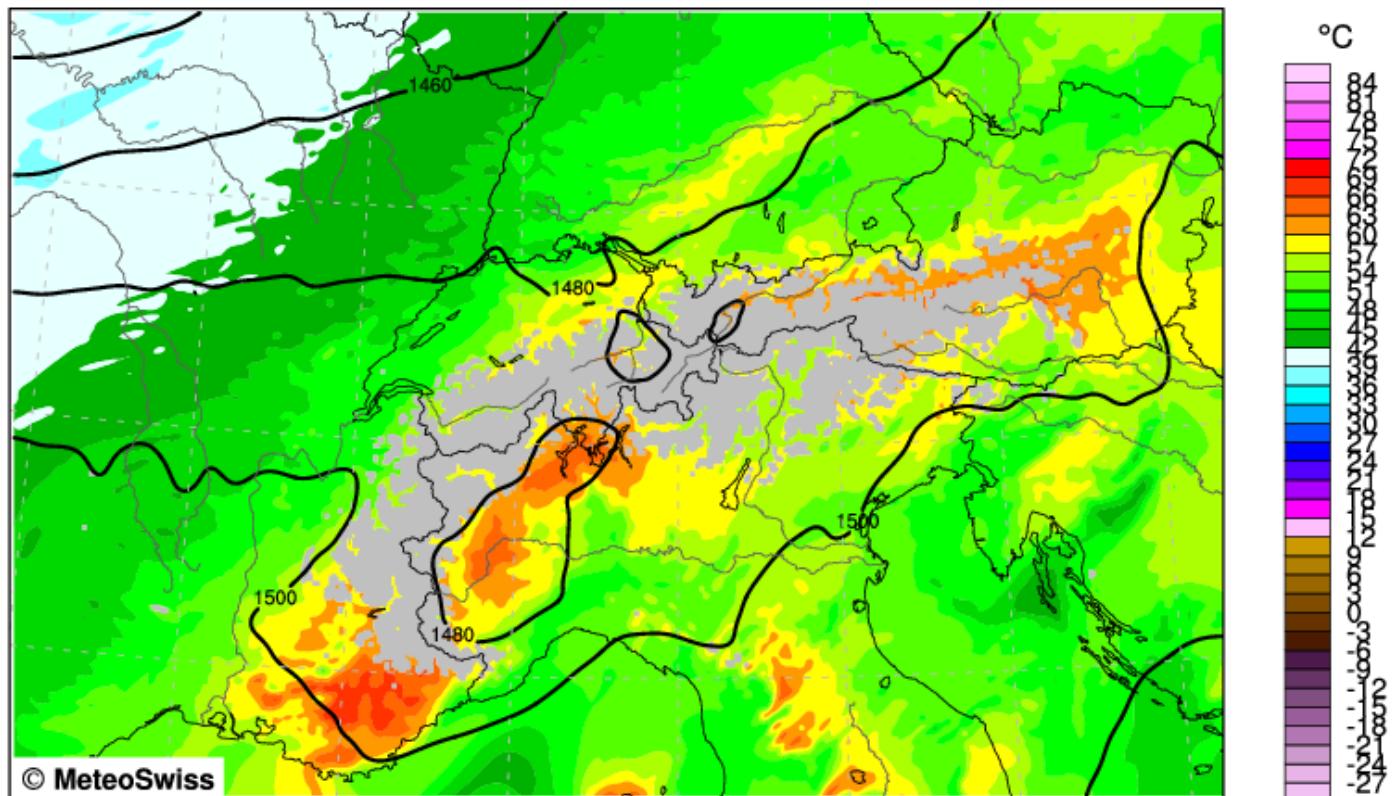
COSMO-2 FORECAST

850hPa Geopot. and Equivalent Pot. Temperature

Version: 925

Sat 25 Aug 2012 15UTC

25.08.2012 00UTC +15h



Geopotential [gpm], level = 850 hPa

Equivalent Potential Temperature [deg C], level = 850 hPa

Mean: 1491.9 gpm

Mean: 51.2 °C



Temperatura potenziale equivalente

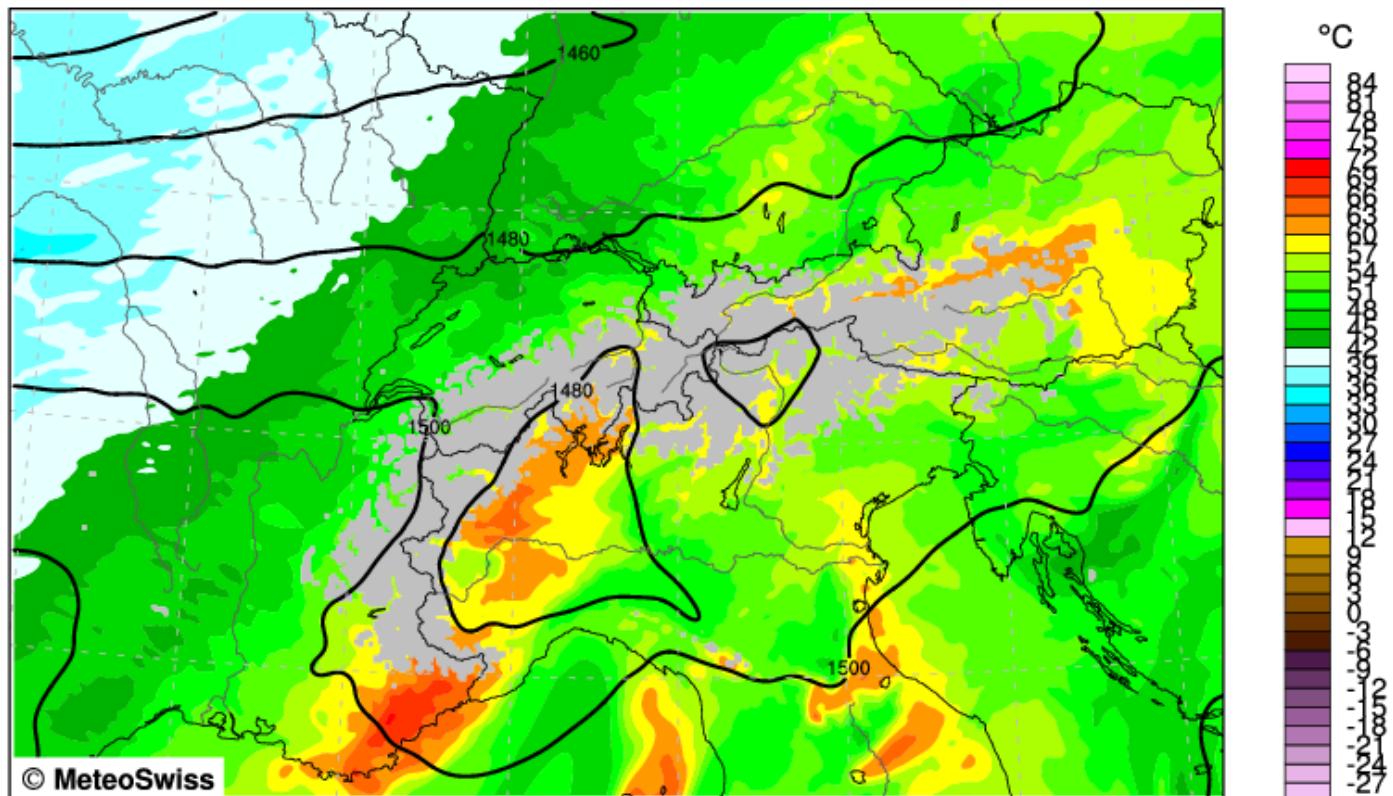
COSMO-2 FORECAST

850hPa Geopot. and Equivalent Pot. Temperature

Version: 925

Sat 25 Aug 2012 18UTC

25.08.2012 00UTC +18h



Geopotential [gpm], level = 850 hPa

Equivalent Potential Temperature [deg C], level = 850 hPa

Mean: 1490.4 gpm

Mean: 49.7 °C



Temperatura potenziale equivalente

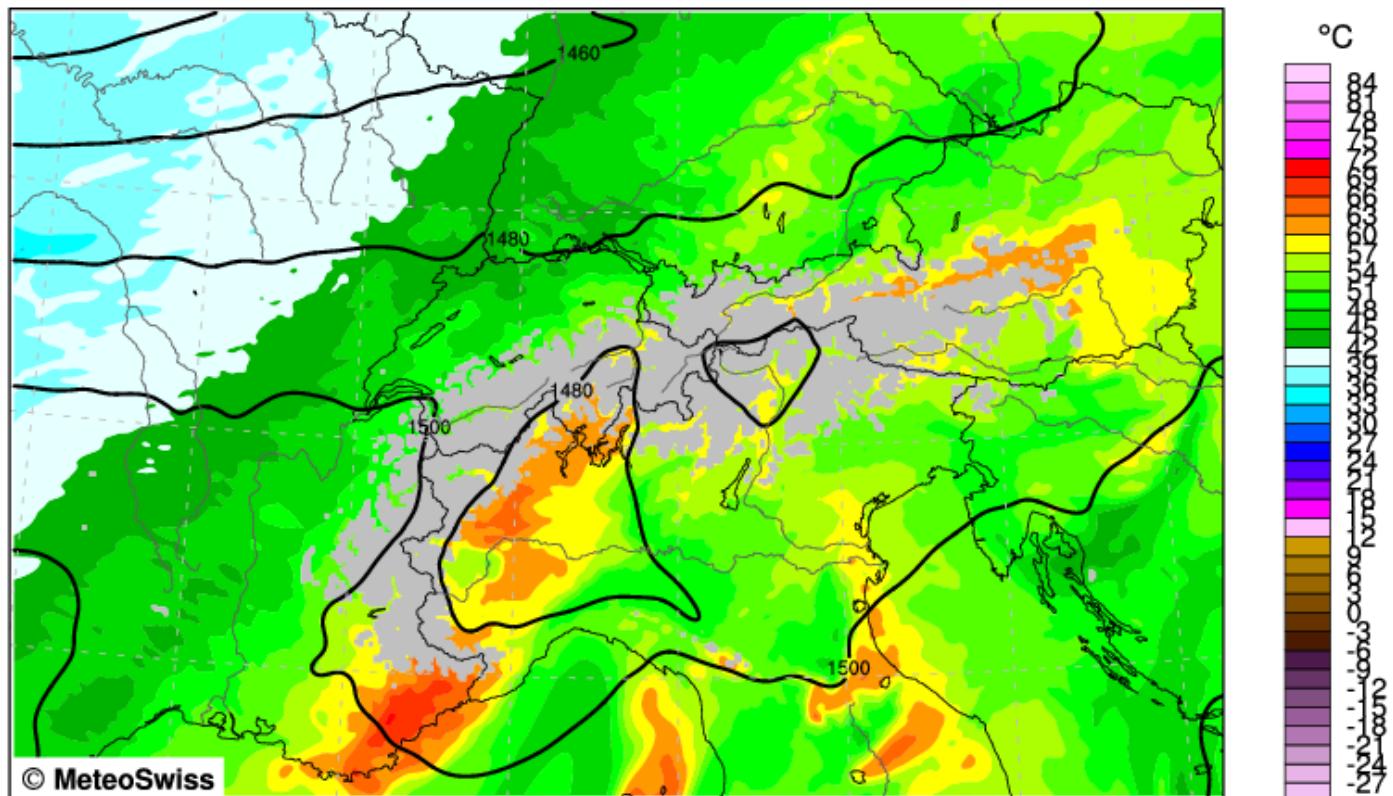
COSMO-2 FORECAST

850hPa Geopot. and Equivalent Pot. Temperature

Version: 925

Sat 25 Aug 2012 18UTC

25.08.2012 00UTC +18h



Geopotential [gpm], level = 850 hPa

Equivalent Potential Temperature [deg C], level = 850 hPa

Mean: 1490.4 gpm

Mean: 49.7 °C



Temperatura potenziale equivalente

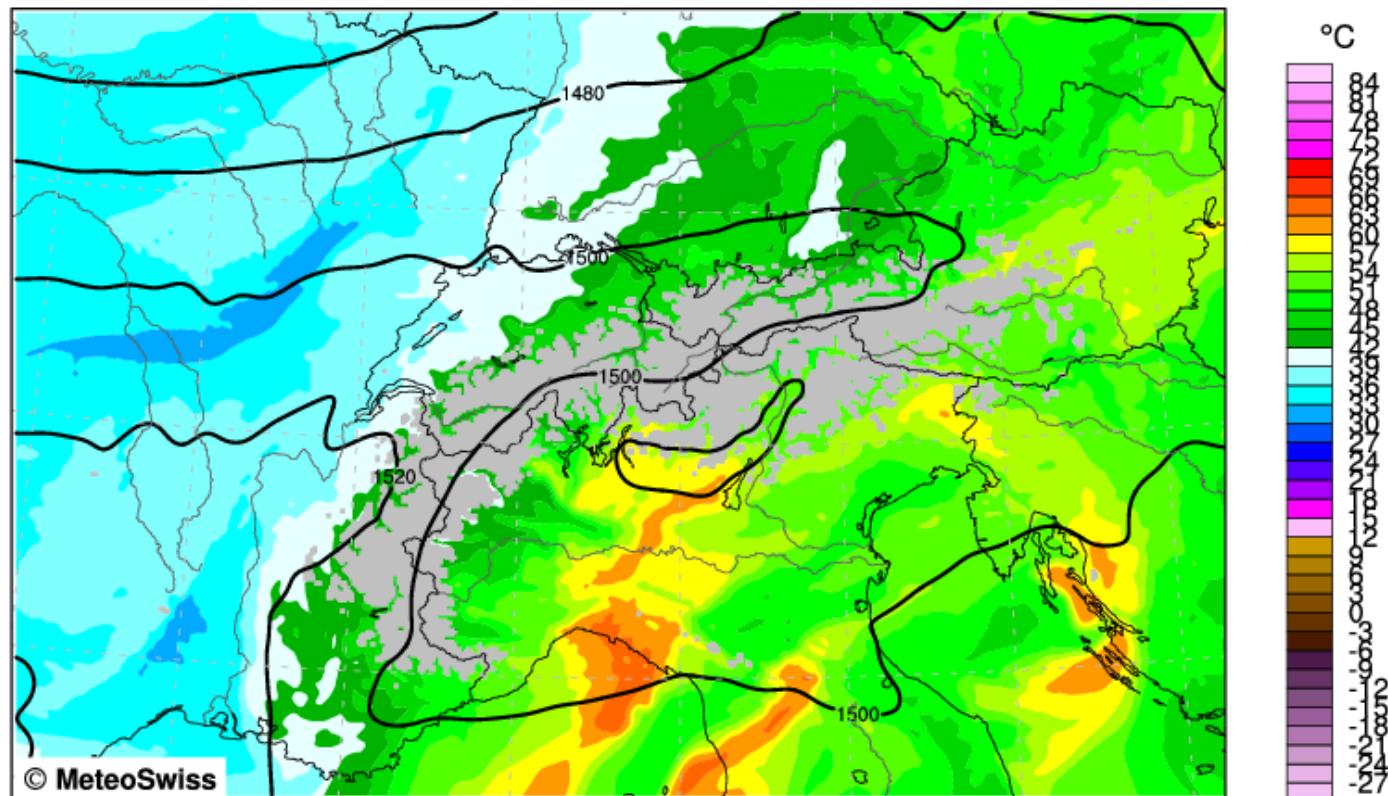
COSMO-2 FORECAST

850hPa Geopot. and Equivalent Pot. Temperature

Version: 925

Sun 26 Aug 2012 00UTC

25.08.2012 00UTC +24h



Geopotential [gpm], level = 850 hPa

Equivalent Potential Temperature [deg C], level = 850 hPa

Mean: 1498.3 gpm

Mean: 45.7 °C



Temperatura potenziale equivalente

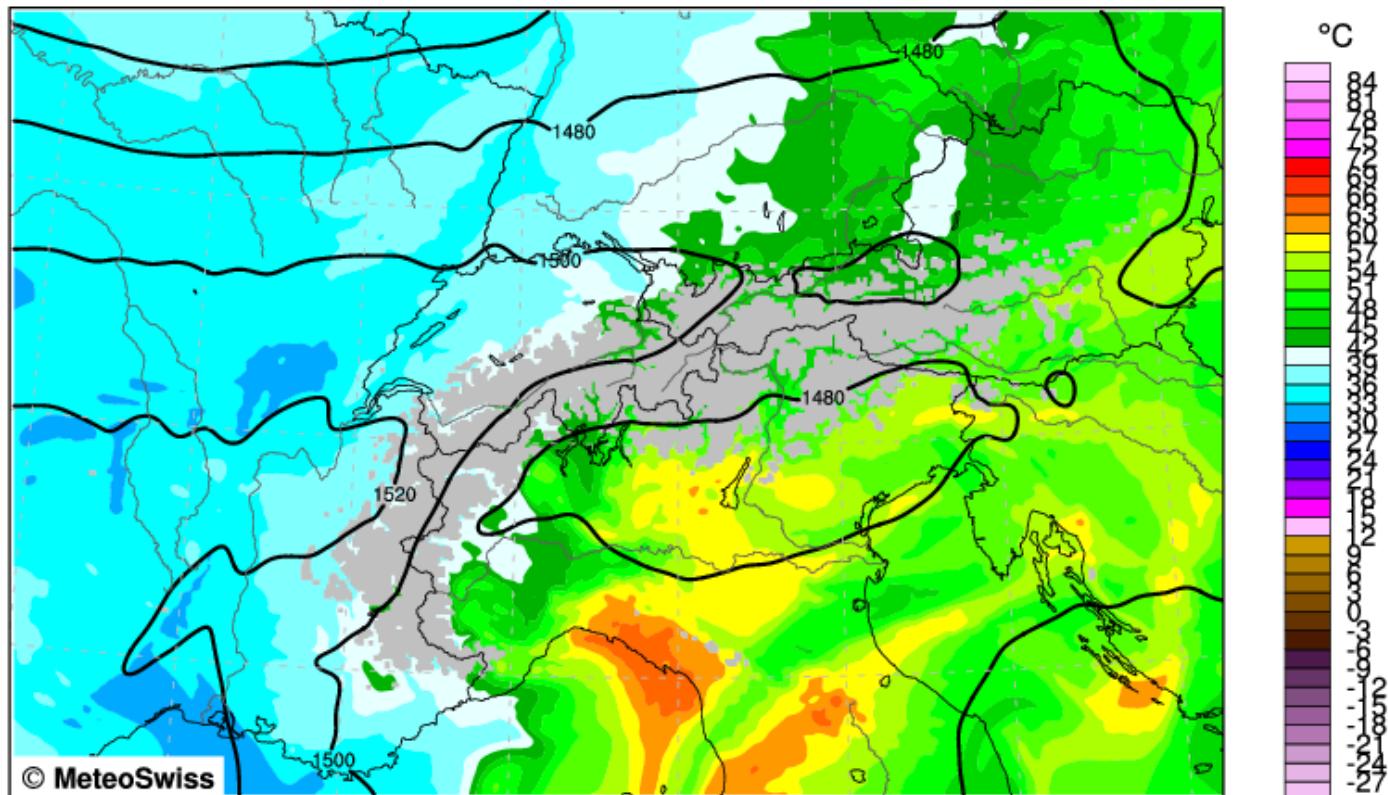
COSMO-2 FORECAST

850hPa Geopot. and Equivalent Pot. Temperature

Version: 925

Sun 26 Aug 2012 03UTC

25.08.2012 00UTC +27h





Temperatura potenziale equivalente

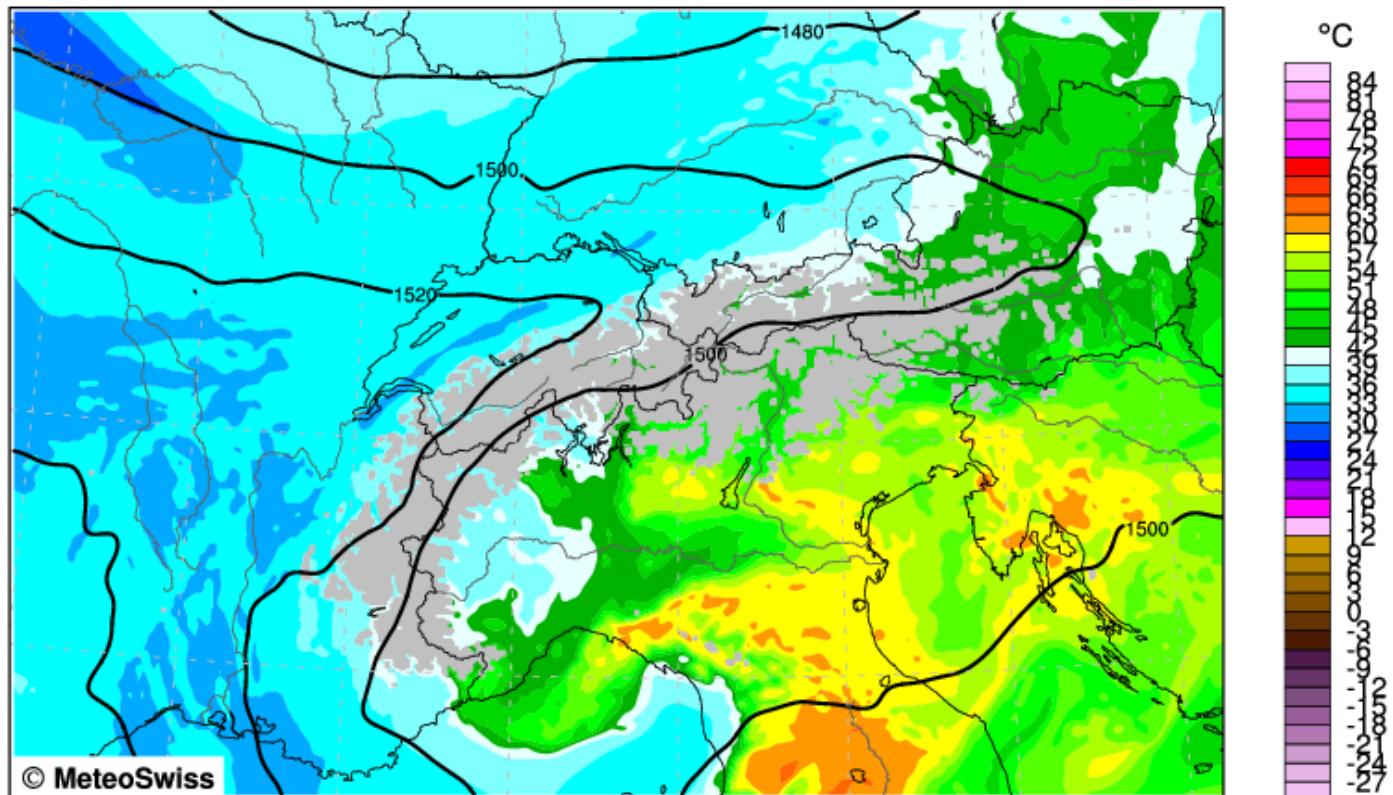
COSMO-2 FORECAST

850hPa Geopot. and Equivalent Pot. Temperature

Version: 925

Sun 26 Aug 2012 09UTC

25.08.2012 00UTC +33h



Geopotential [gpm], level = 850 hPa

Equivalent Potential Temperature [deg C], level = 850 hPa

Mean: 1503.8 gpm

Mean: 41.9 °C

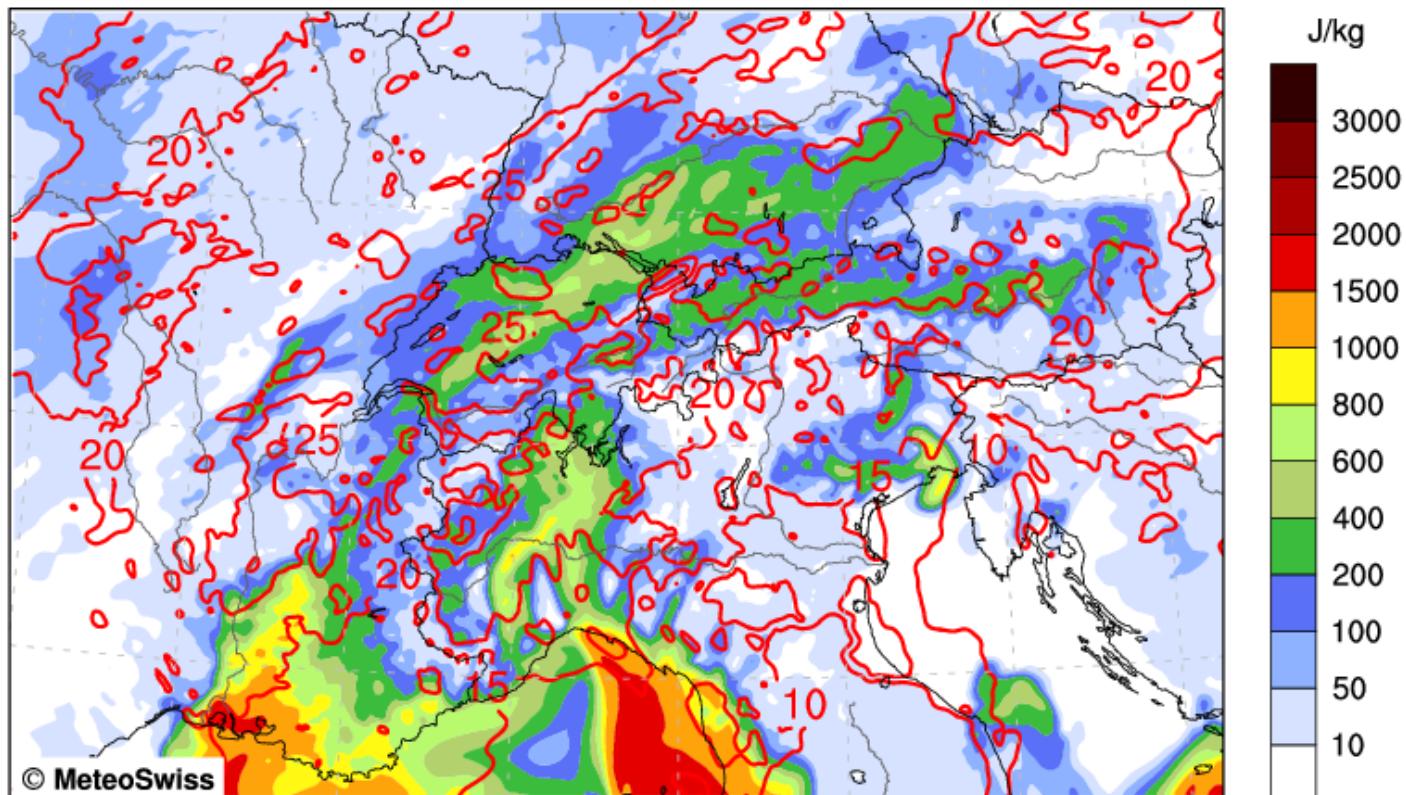


CAPE e wind shear

COSMO-2 FORECAST
Wind Shear (red) and CAPE_ML

Version: 925

Sat 25 Aug 2012 12UTC
25.08.2012 00UTC +12h



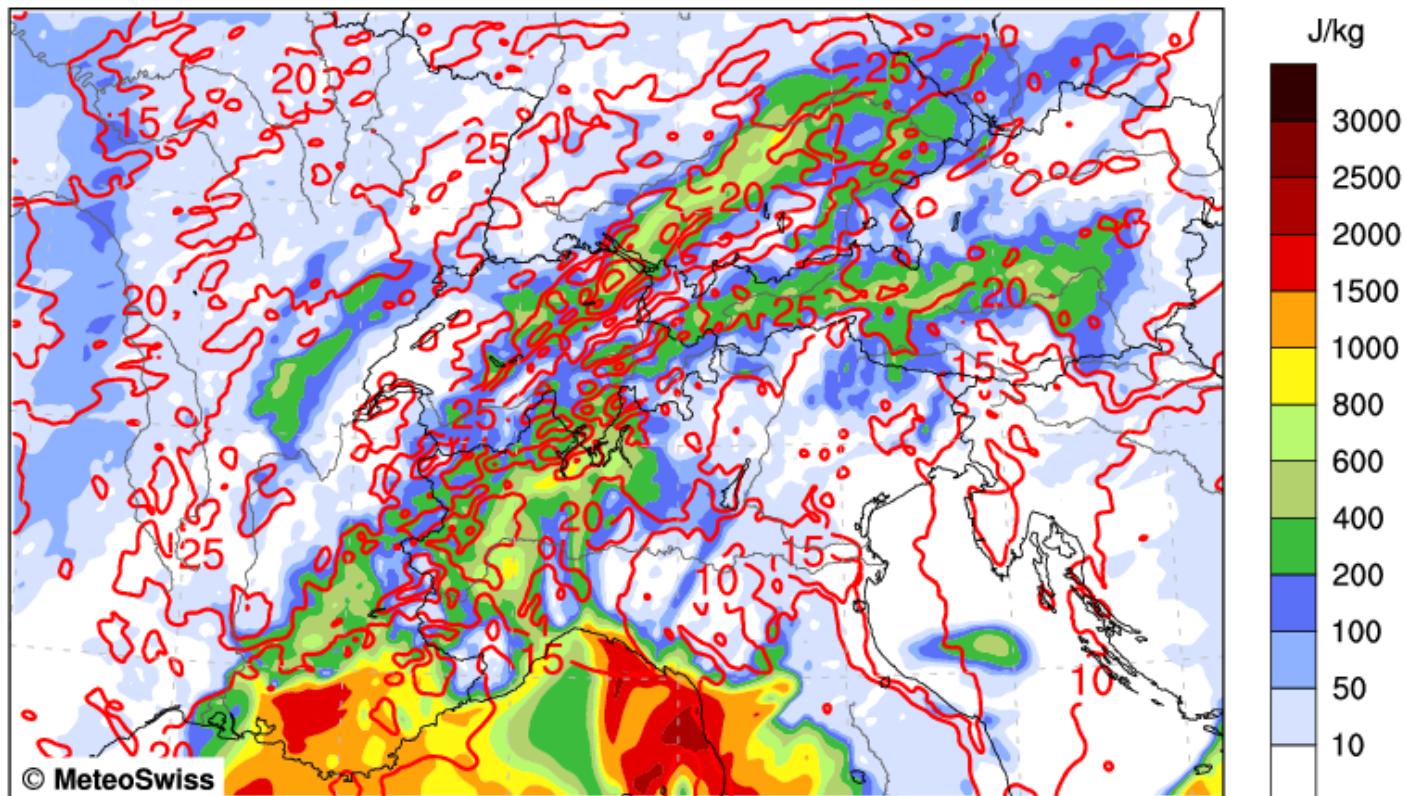


CAPE e wind shear

COSMO-2 FORECAST
Wind Shear (red) and CAPE_ML

Version: 925

Sat 25 Aug 2012 15UTC
25.08.2012 00UTC +15h



smoothed cape of mean surface layer parcel [J/kg]
Wind Shear Between Surface and 6km ASL [m/s]

Mean: 168.9 J/kg
Mean: 19.0 m/s

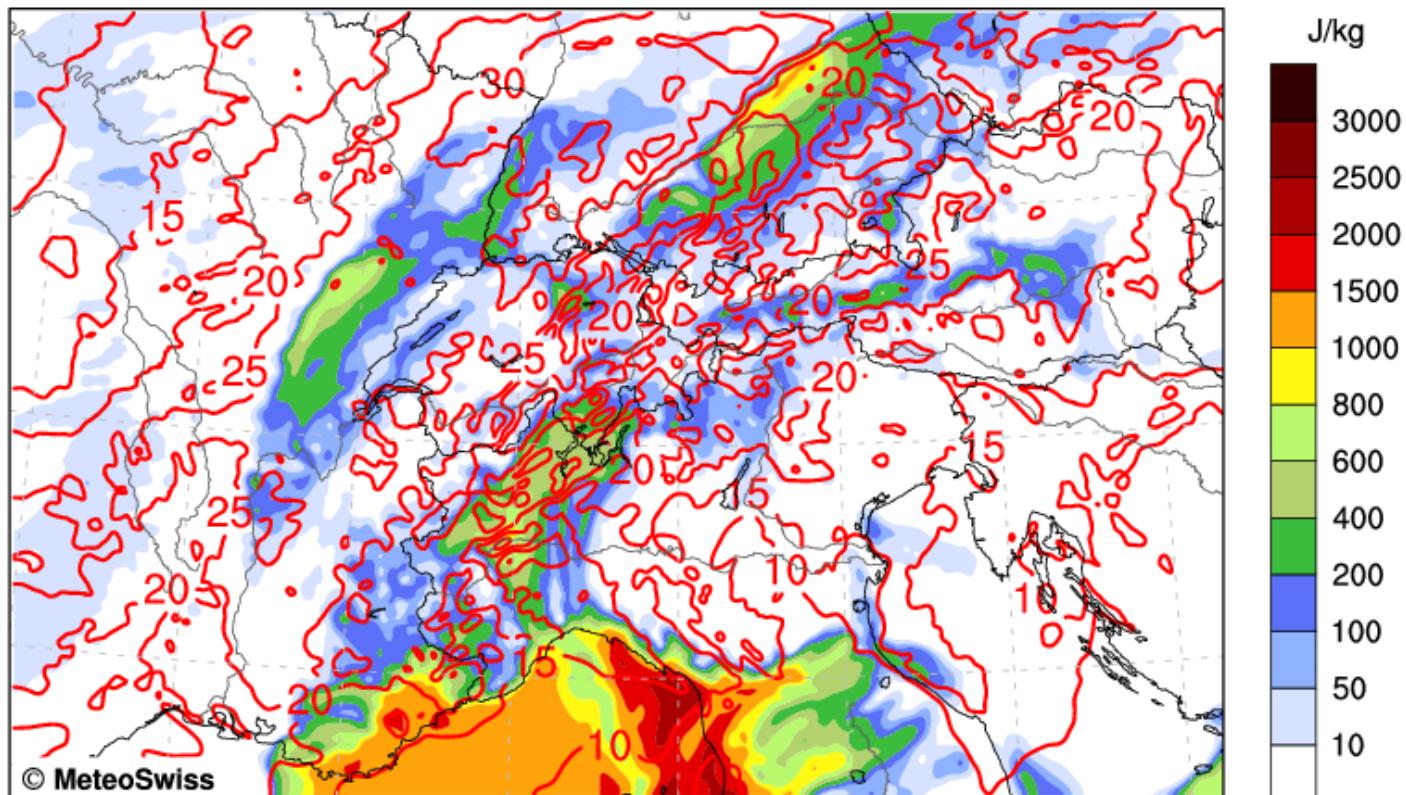


CAPE e wind shear

COSMO-2 FORECAST
Wind Shear (red) and CAPE_ML

Version: 925

Sat 25 Aug 2012 18UTC
25.08.2012 00UTC +18h



smoothed cape of mean surface layer parcel [J/kg]
Wind Shear Between Surface and 6km ASL [m/s]

Mean: 136.3 J/kg
Mean: 19.0 m/s



UV 800m

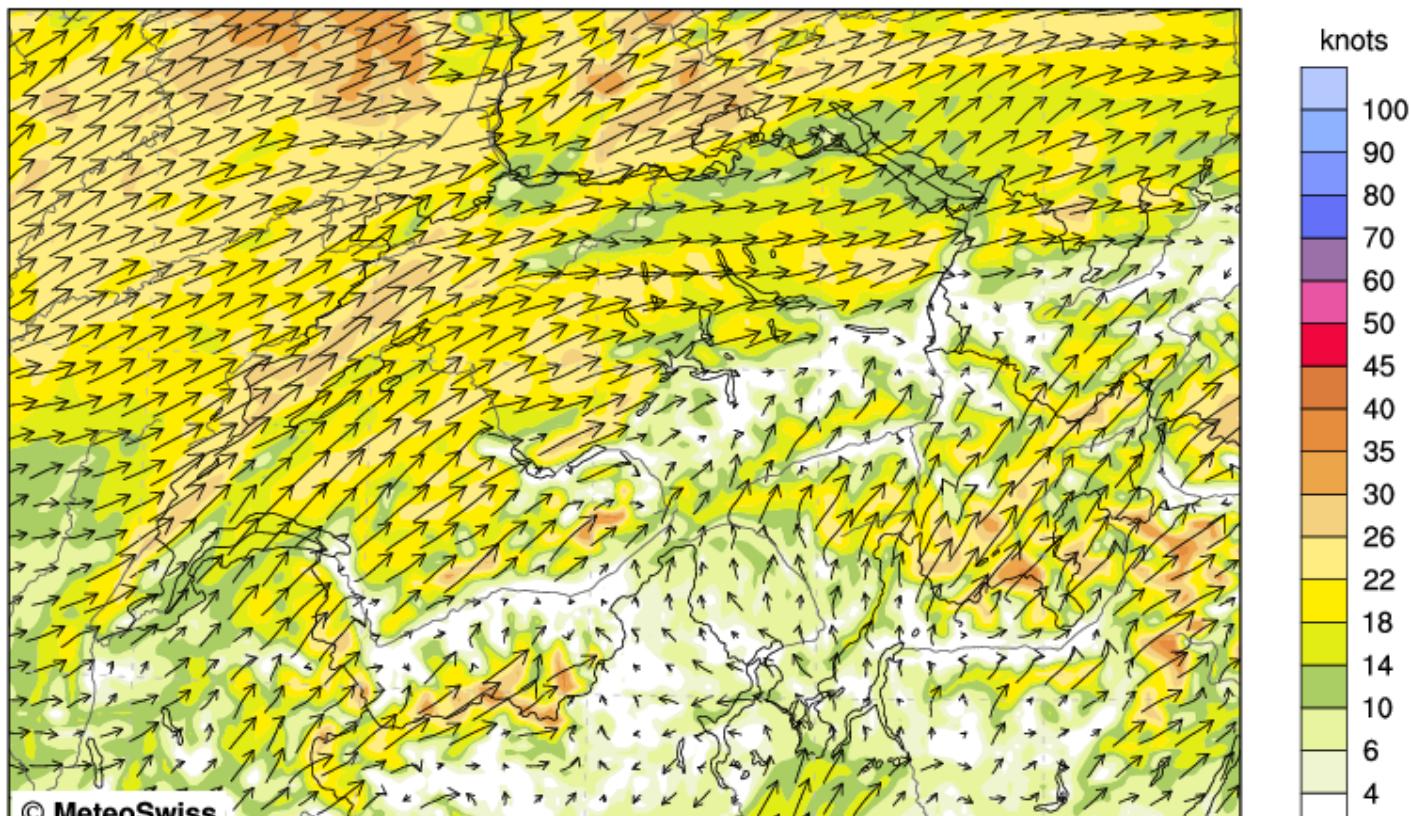
COSMO-2 FORECAST

Wind on Level 50 (800m above Ground)

Version: 925

Sat 25 Aug 2012 09UTC

25.08.2012 00UTC +09h



wind speed [knots], k = 50

Mean: 15.4 Max: 37.6 [knots]



UV 800m

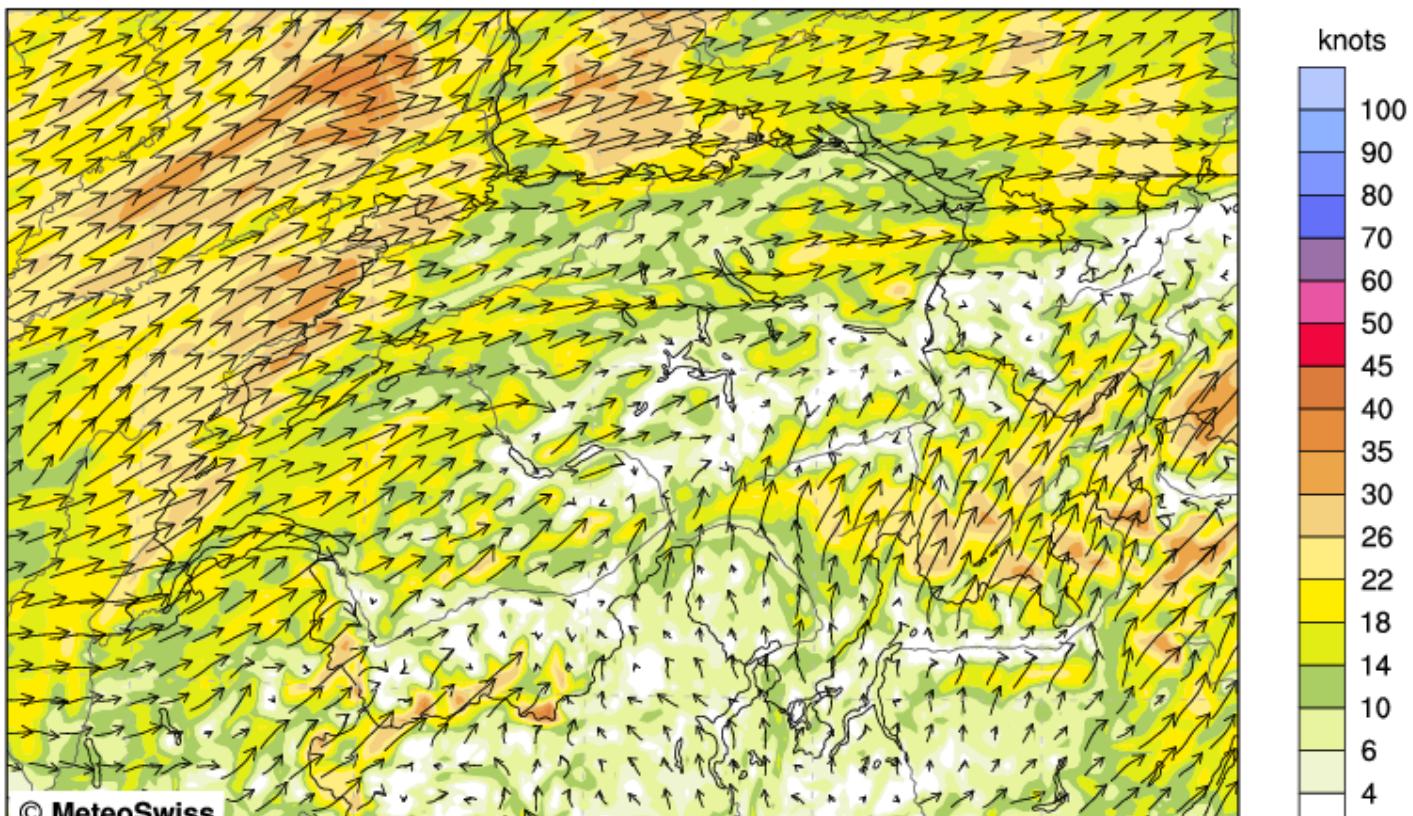
COSMO-2 FORECAST

Wind on Level 50 (800m above Ground)

Version: 925

Sat 25 Aug 2012 12UTC

25.08.2012 00UTC +12h



wind speed [knots], k = 50

Mean: 15.2 Max: 43.0 [knots]



UV 800m

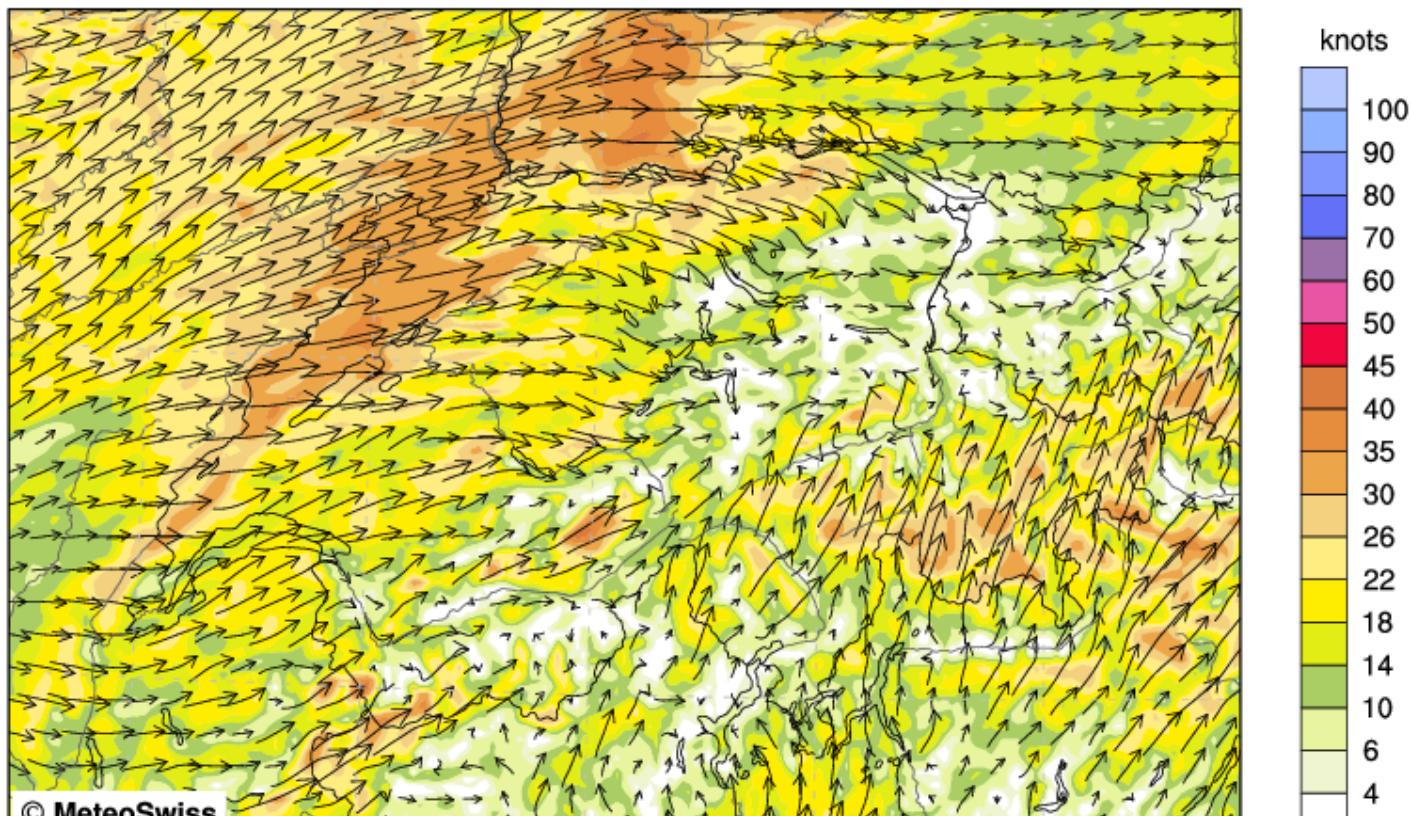
COSMO-2 FORECAST

Wind on Level 50 (800m above Ground)

Version: 925

Sat 25 Aug 2012 15UTC

25.08.2012 00UTC +15h



wind speed [knots], k = 50

Mean: 17.6 Max: 44.4 [knots]



UV 800m

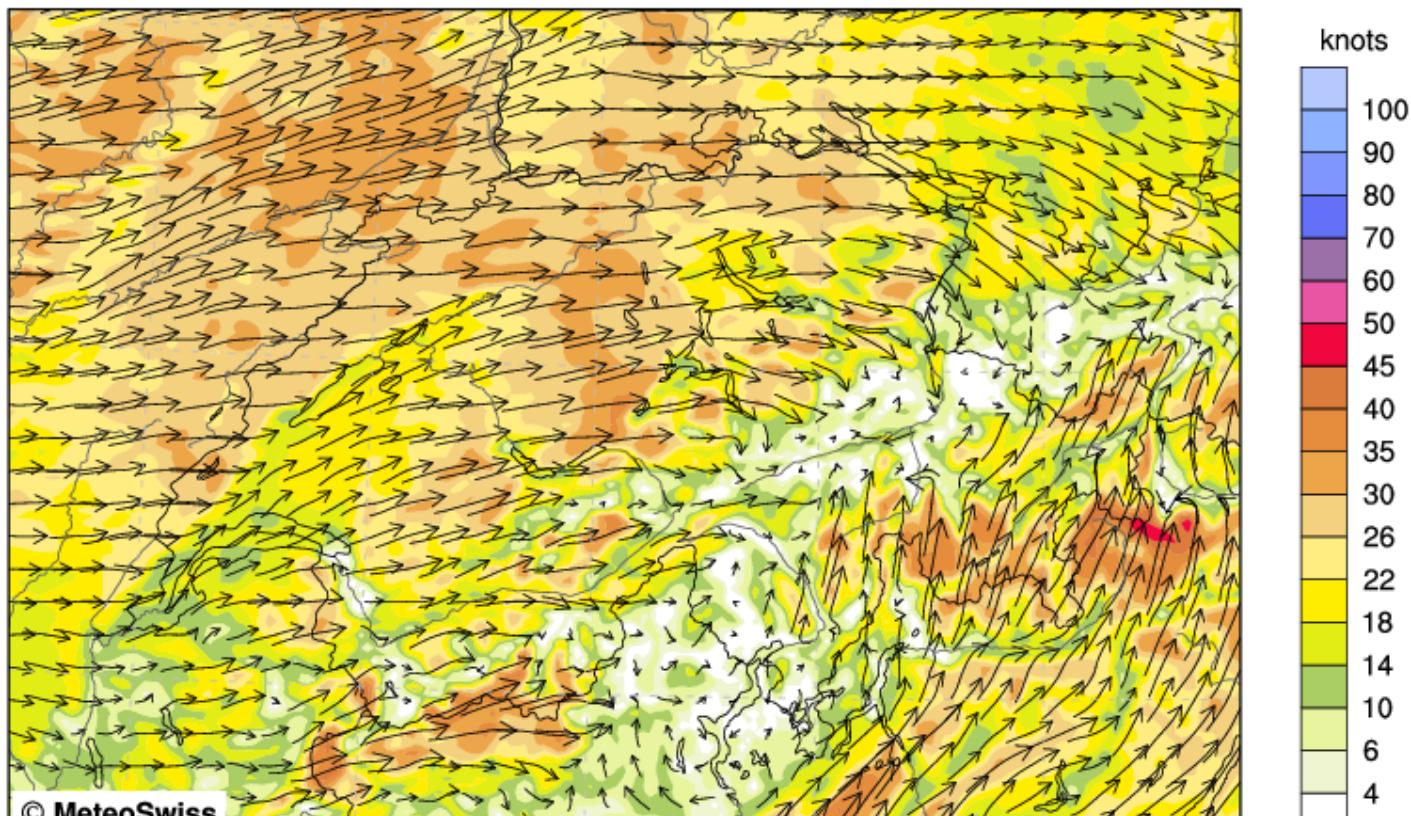
COSMO-2 FORECAST

Wind on Level 50 (800m above Ground)

Version: 925

Sat 25 Aug 2012 18UTC

25.08.2012 00UTC +18h



wind speed [knots], k = 50

Mean: 20.8 Max: 48.6 [knots]



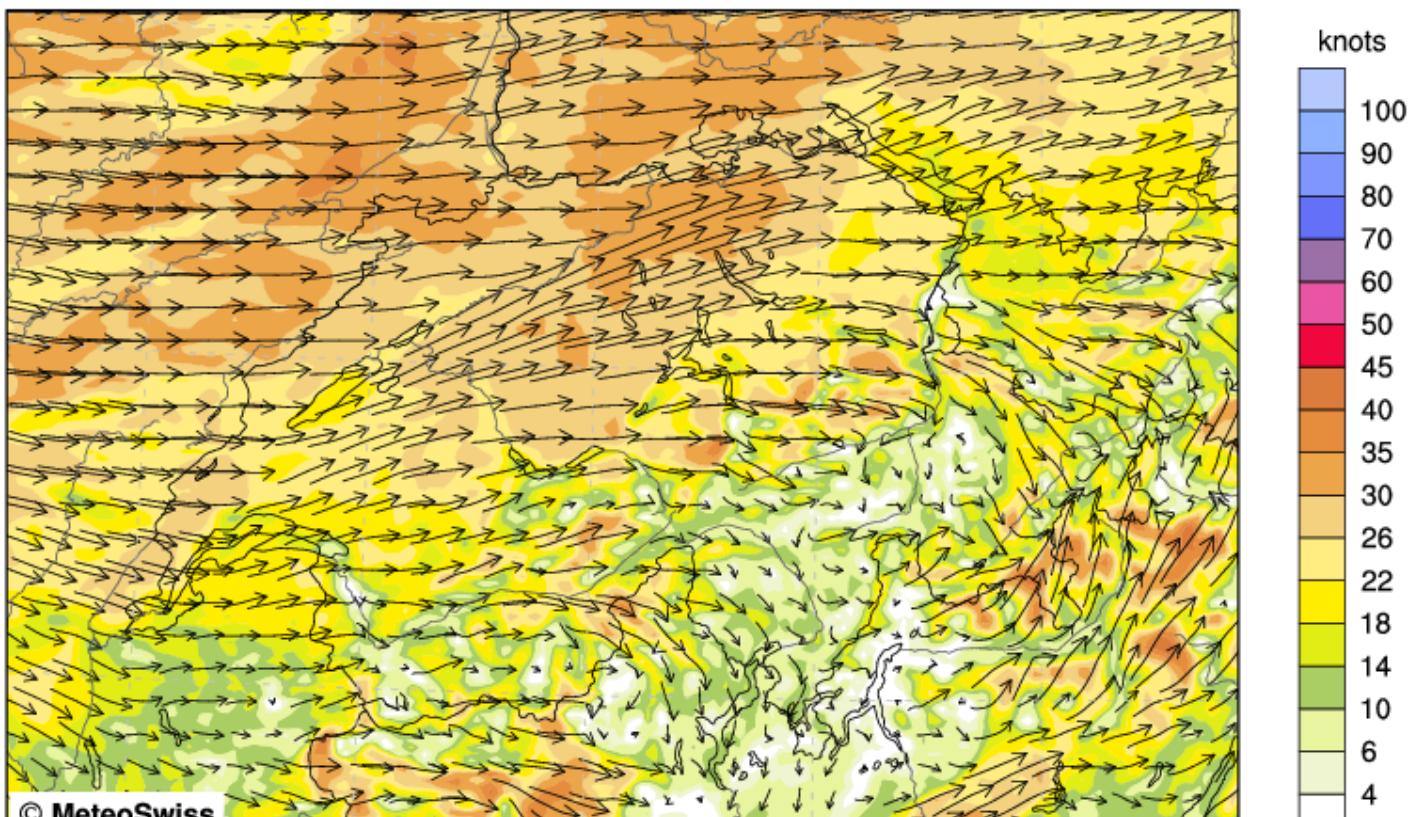
COSMO-2 FORECAST

Version: 925

Wind on Level 50 (800m above Ground)

Sat 25 Aug 2012 21UTC

25.08.2012 00UTC +21h



wind speed [knots], k = 50

Mean: 21.2 Max: 44.6 [knots]



UV 800m

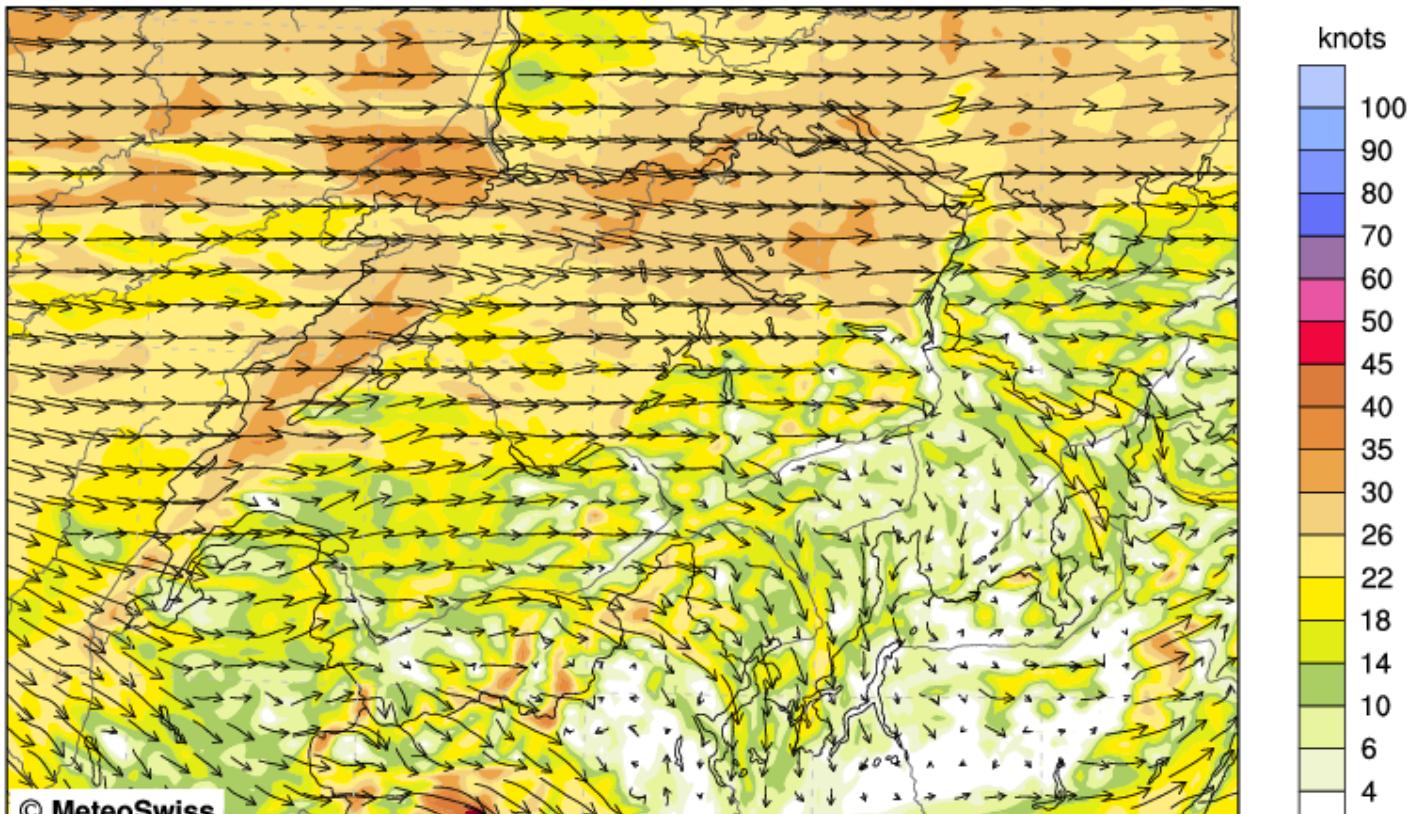
COSMO-2 FORECAST

Wind on Level 50 (800m above Ground)

Version: 925

Sun 26 Aug 2012 00UTC

25.08.2012 00UTC +24h



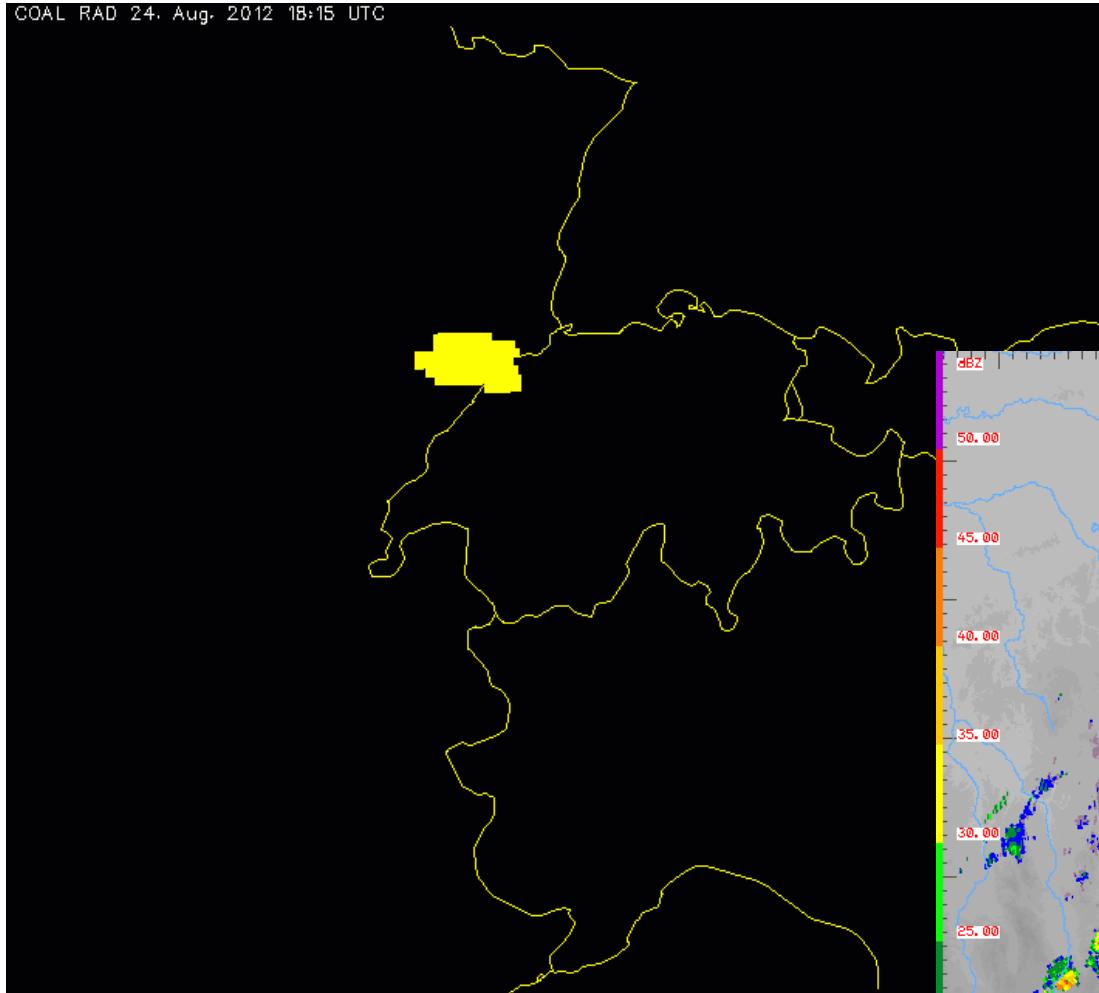
wind speed [knots], k = 50

Mean: 19.0 Max: 50.2 [knots]



Radar/COALITION/TRT 24.08.2012, Brissago - Locarno

COAL RAD 24. Aug. 2012 18:15 UTC



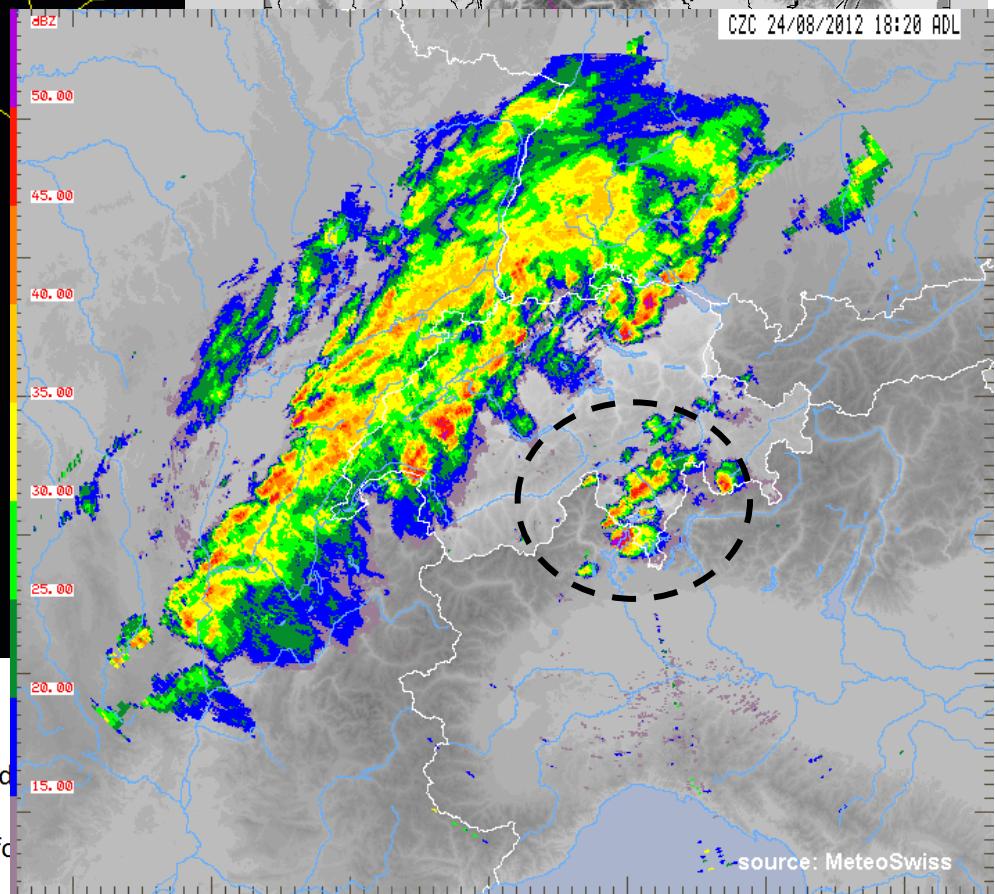
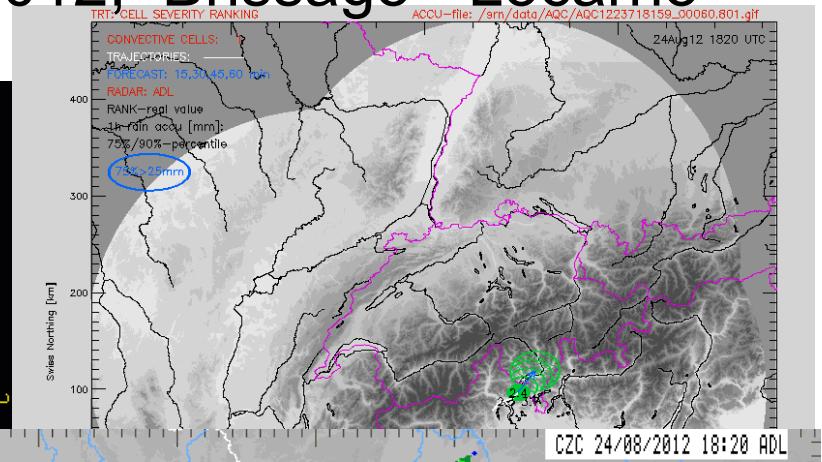
strong cloud top cooling in the next 15 min forecasted



convection intensification in the next 30 min forecasted



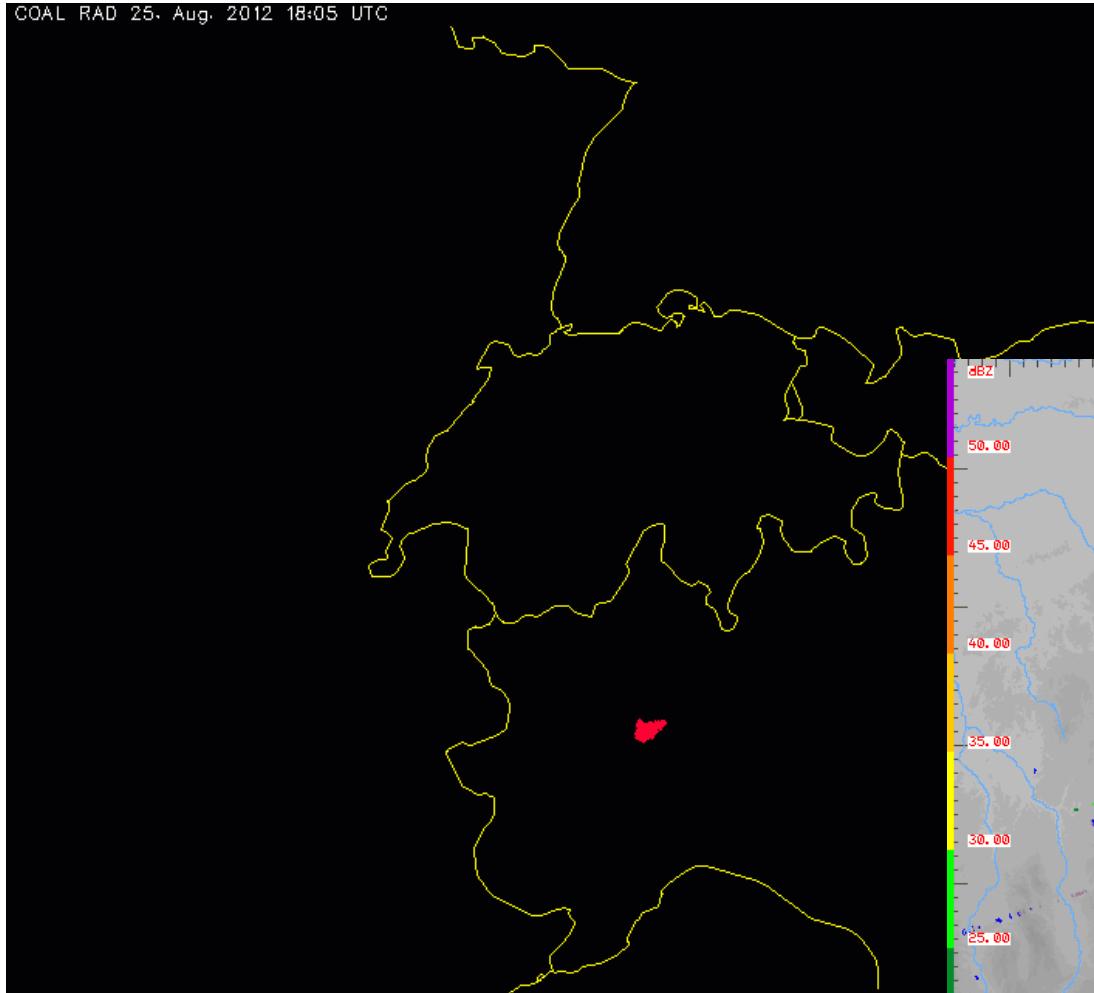
development of severe convection in the next 30 min fo





Radar/COALITION/TRT 25.08.2012, Verbania - Agno

COAL RAD 25. Aug. 2012 18:05 UTC



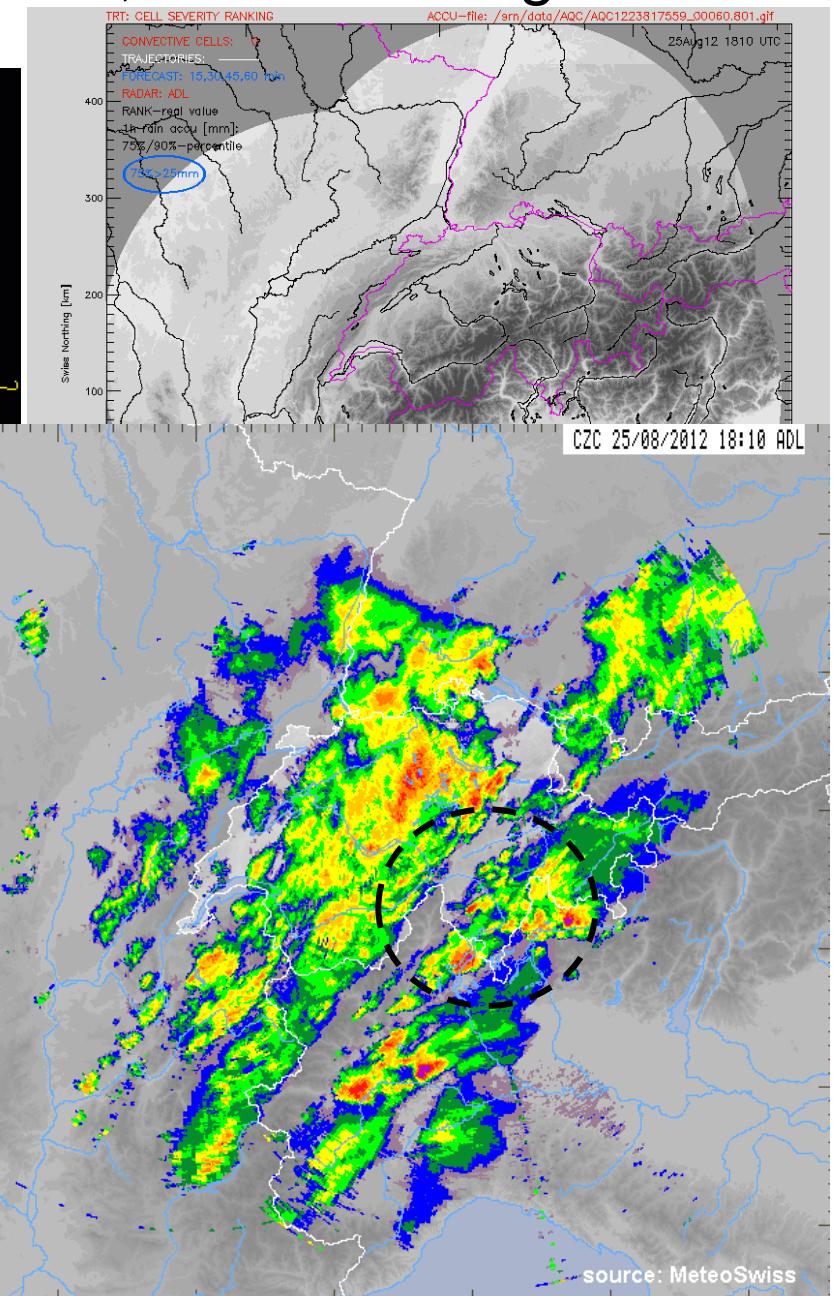
strong cloud top cooling in the next 15 min forecasted



convection intensification in the next 30 min forecasted



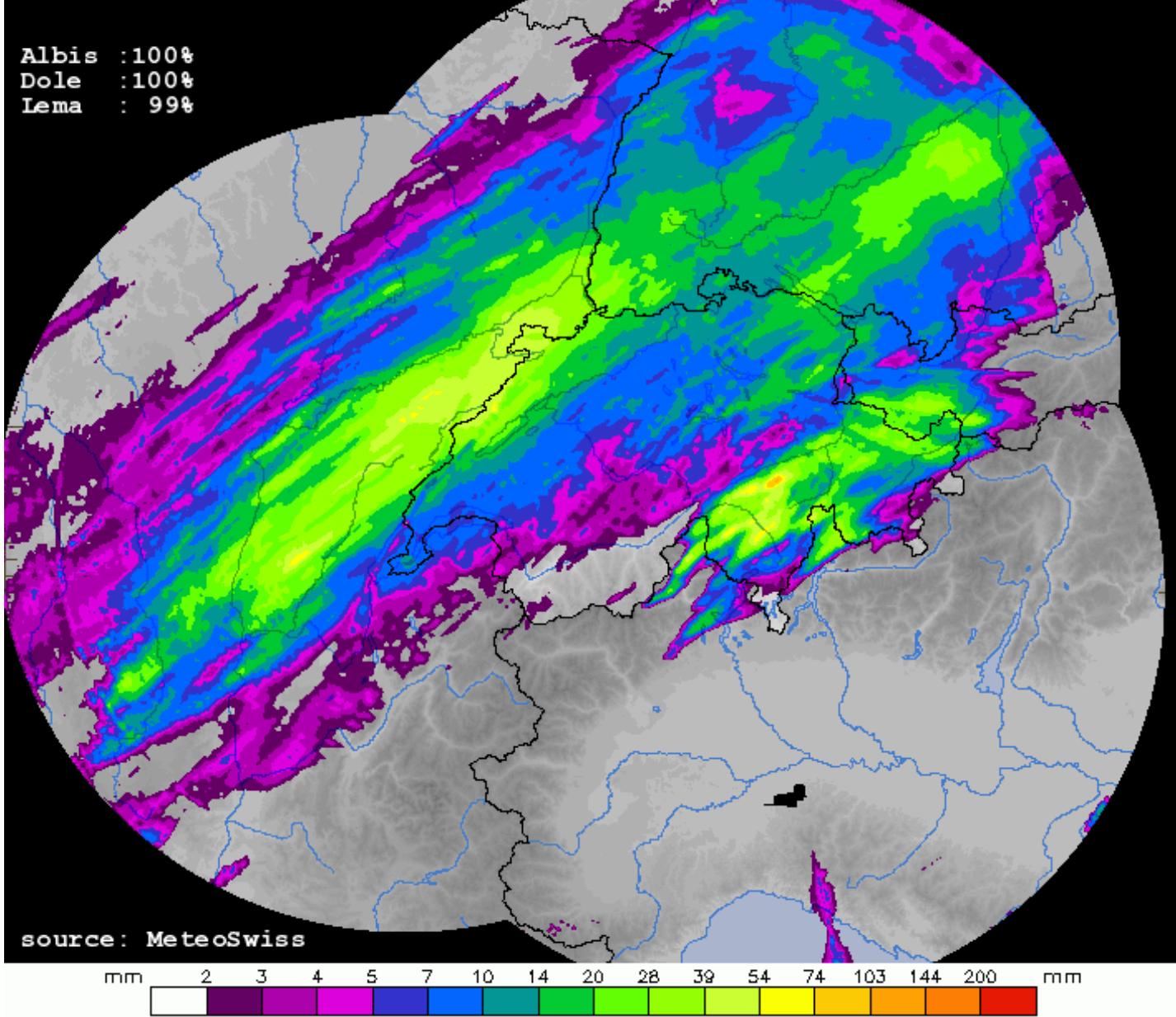
development of severe convection in the next 30 min fo





Radar accumulation:122380000 25.08.2012 00:00 UTC -24h

Albis : 100%
Dole : 100%
Lema : 99%

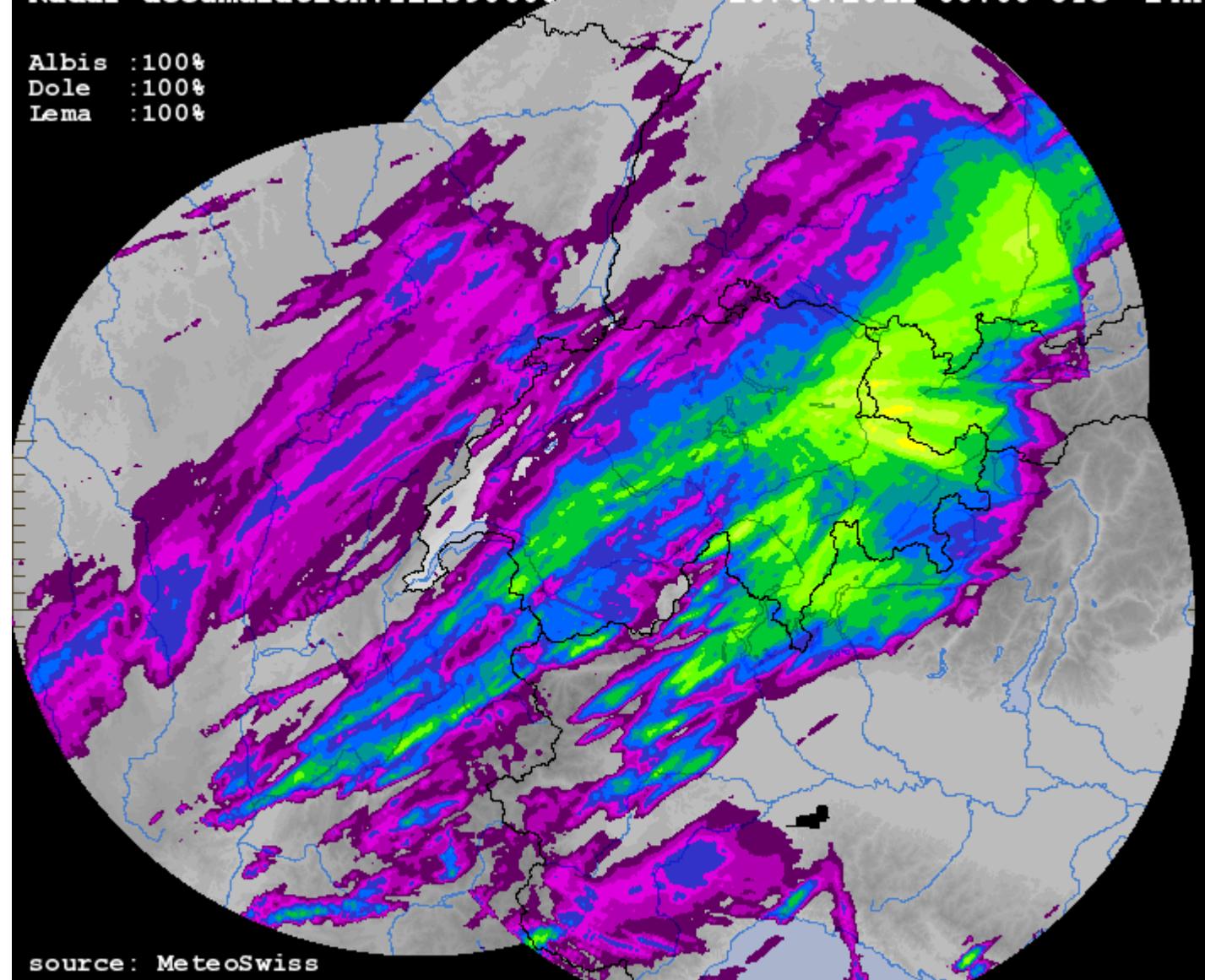




Radar accumulation:122390000

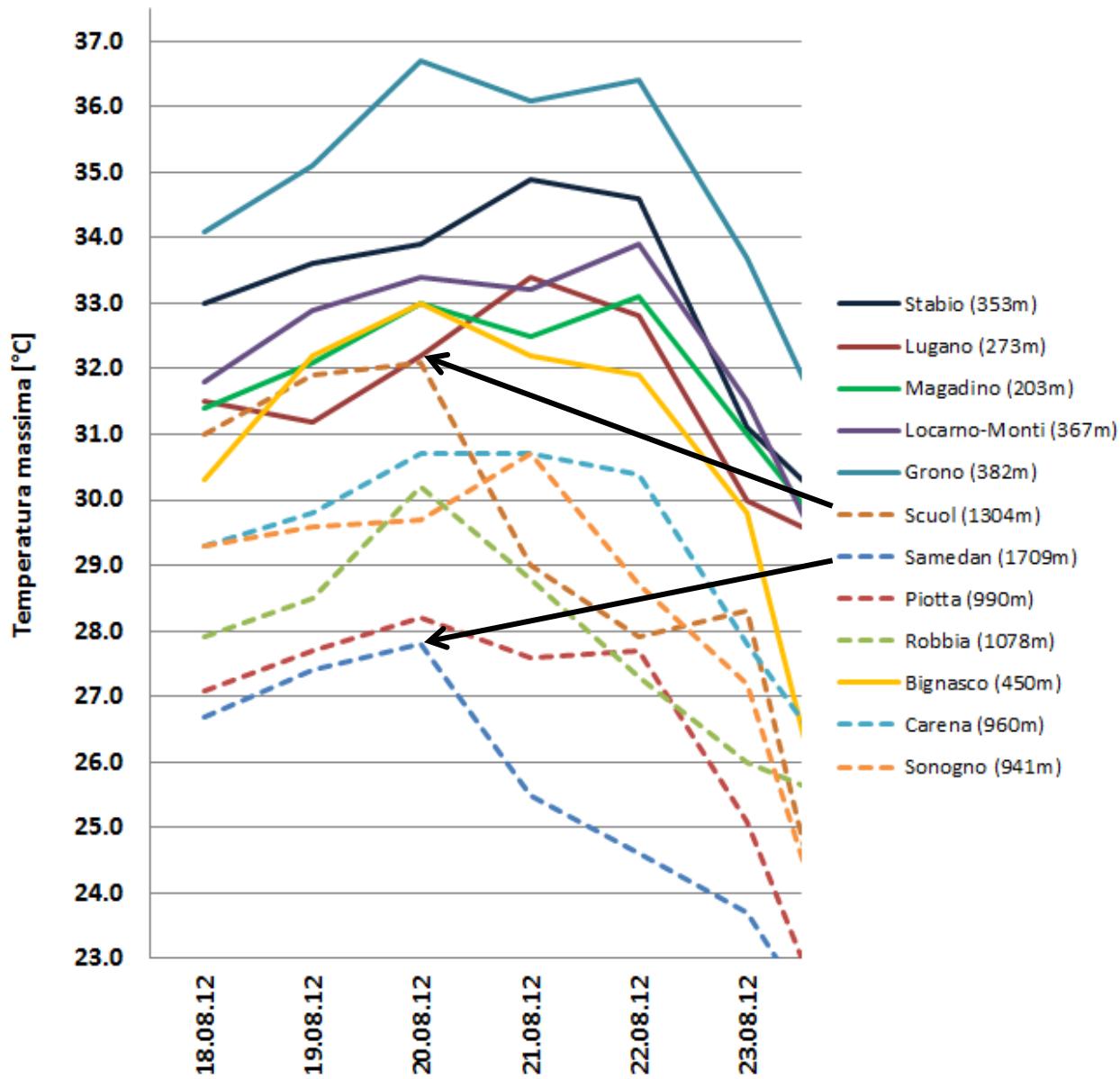
26.08.2012 00:00 UTC -24h

Albis :100%
Dole :100%
Lema :100%



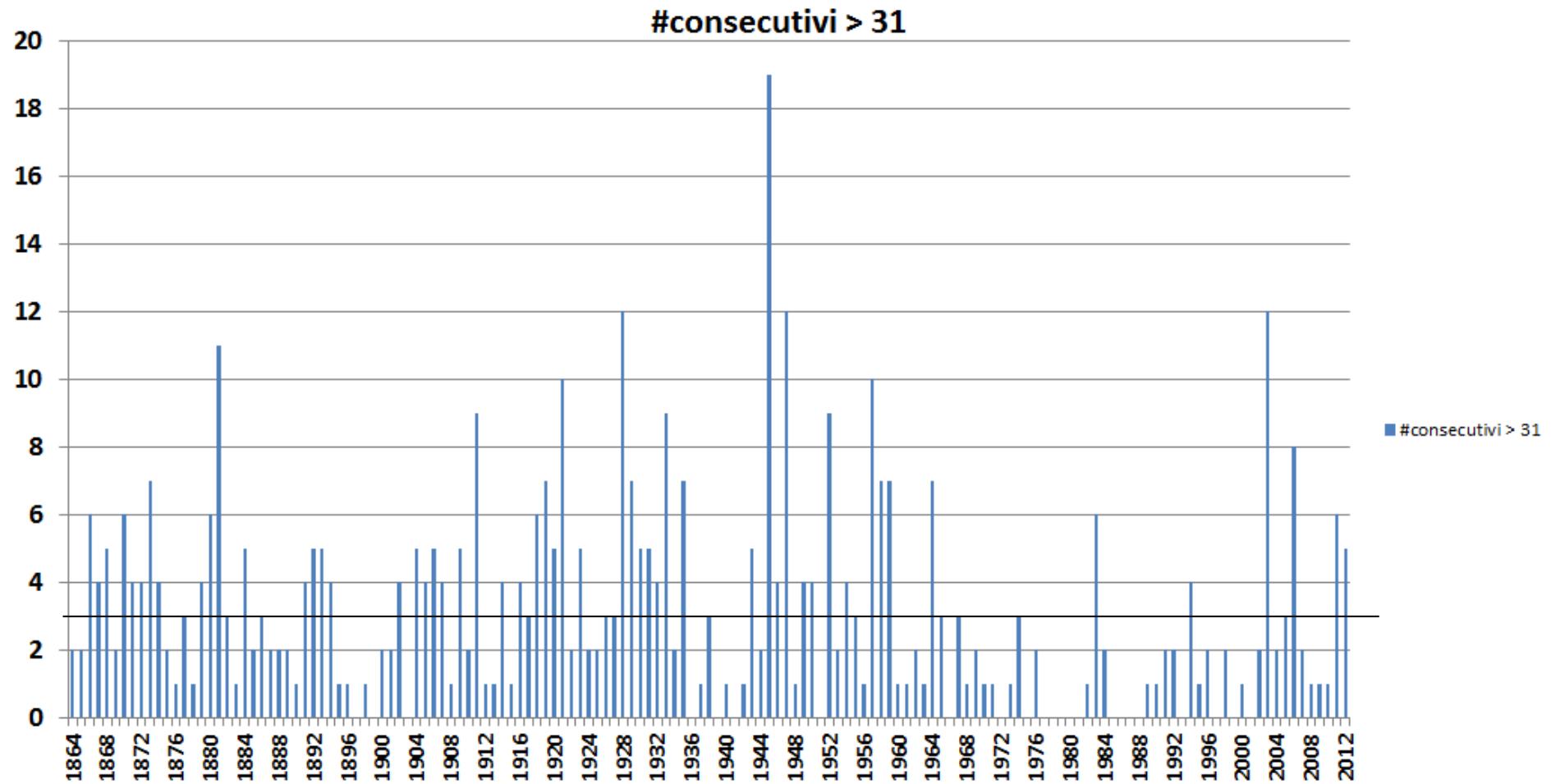


18-24.8 canicola





Lugano, numero giorni Tmax > 31





Beatrice scaccia Lucifer!

Luca Silvanti