CONSORZIO
LaMMA

meteo

REPORT METEOROLOGICO

Aprile 2022

Per info: previsori@lamma.rete.toscana.it

Consorzio LaMMA - Laboratorio di Monitoraggio e Modellistica Ambientale

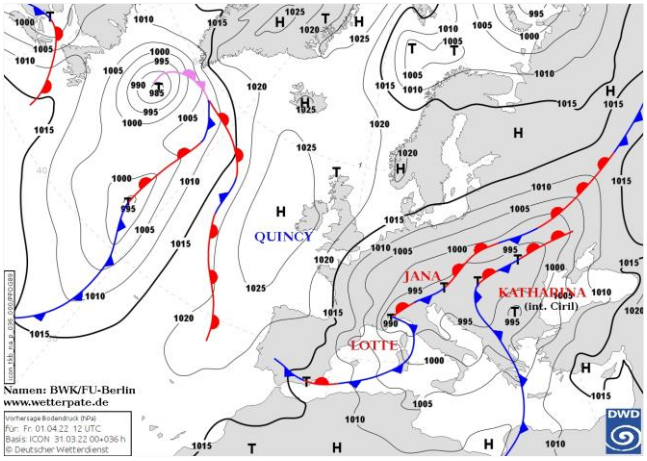
CONSORZIO LaMMA

Regione Toscana

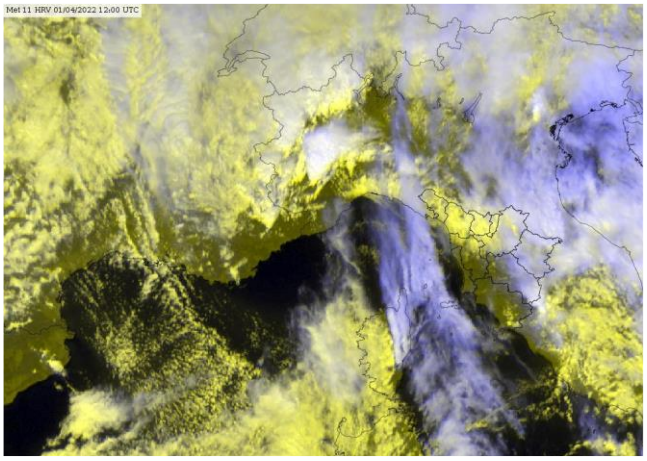
Consiglio Nazionale delle Ricerche

Venerdi' 1 Aprile 2022

Situazione: un nucleo di aria fredda in quota associato a una saccatura si muove dalla Francia verso il Mediterraneo e l'Italia. Al suolo una vasta area depressionaria insiste su gran parte dell'Europa.



Pressione al suolo e fronti del 01 Aprile alle 12 UTC


Meteosat HRV del 01 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvoloso o molto nuvoloso.

Fenomeni: piogge sparse e locali temporali.

Venti: di Libeccio, forti sulla costa settentrionale e sui rilievi, deboli o moderati altrove.

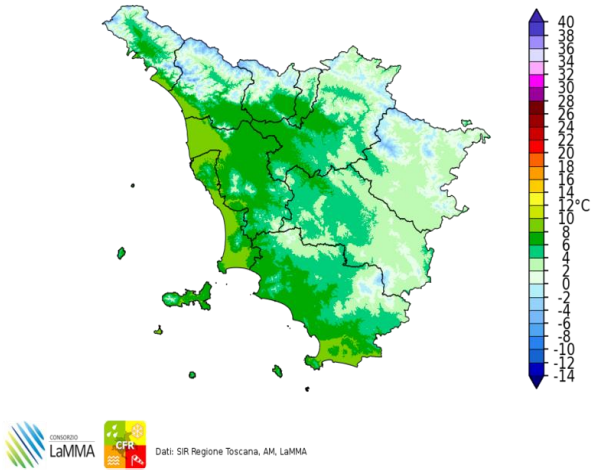
Mari: molto mossi o agitati i bacini settentrionali, tra mossi e molto mossi altrove.

Temperature: minime in calo e massime in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	0	4	6	10	8	9	4	6	7	3
	anomalia*	-4	-3	0	0	0	0	-2	-1	-1	-4
T. max	osservata	15	16	16	14	14	14	14	14	14	15
	anomalia*	-2	-3	-2	-2	-4	-3	-3	-4	-4	-1
Precipitazione (mm/24ore)		0	1	1	0	3	0	0	16	4	4

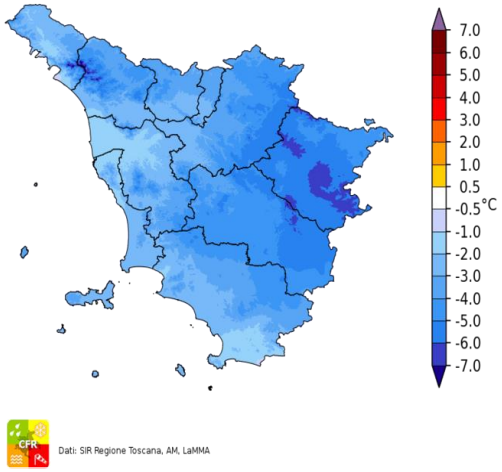
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 01/04/2022



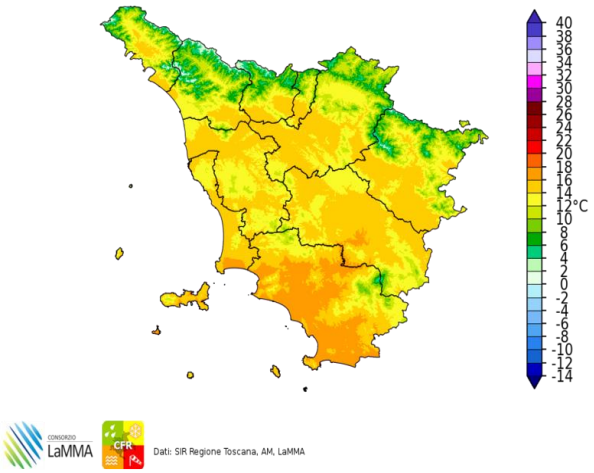
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 01/04/2022 e 31/03/2022



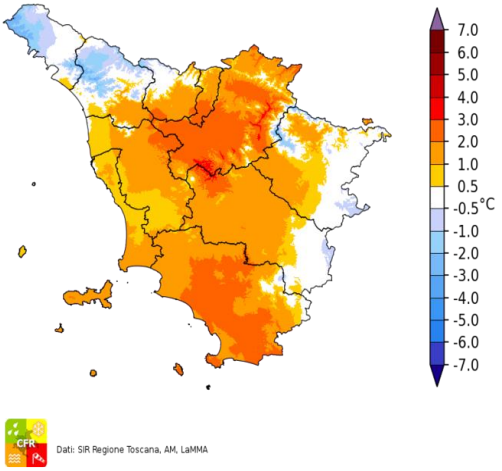
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 01/04/2022



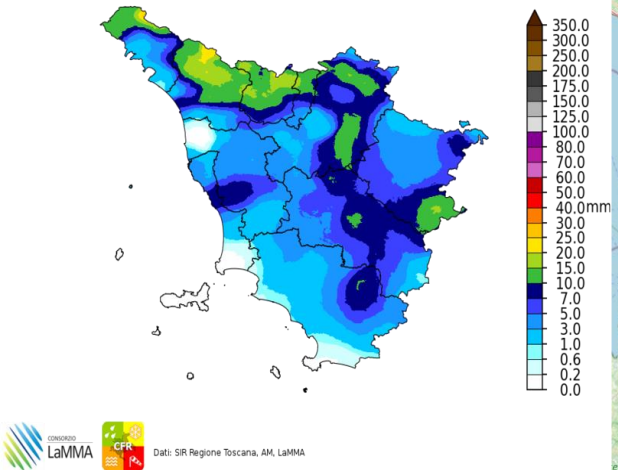
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 01/04/2022 e 31/03/2022



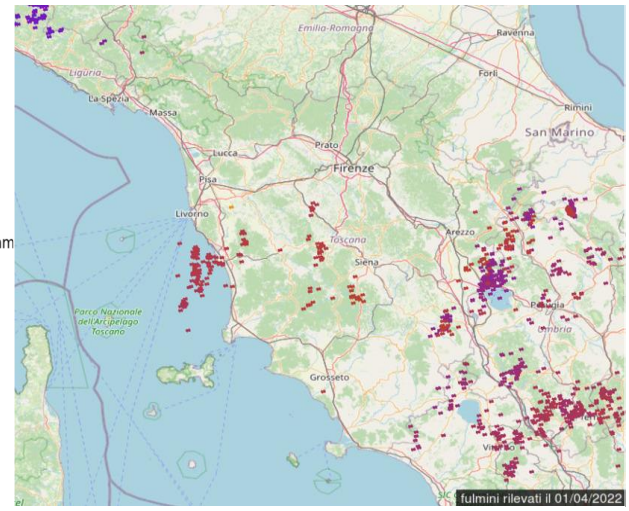
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 01/04/2022



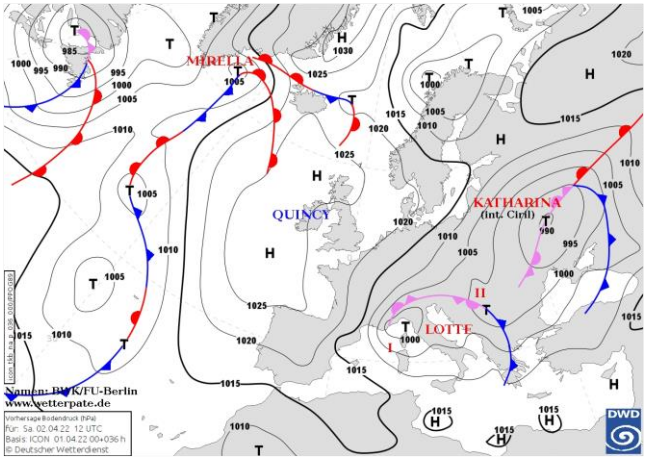
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 01 Aprile

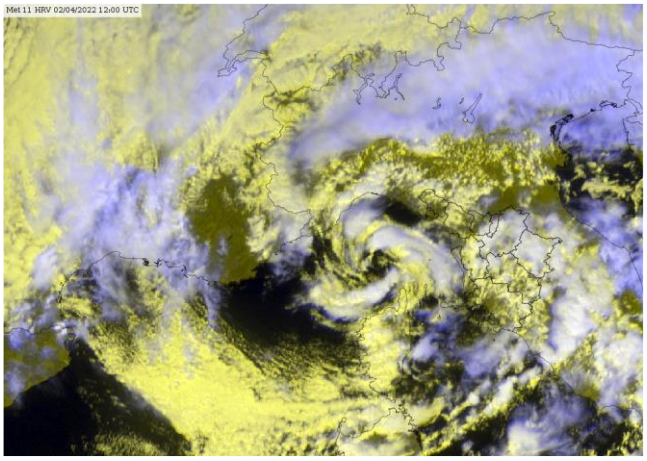


Sabato 2 Aprile 2022

Situazione: aria fredda di origine artico marittima, in ingresso dalla Francia, si porta sul Mediterraneo centrale e determina condizioni di diffusa instabilità atmosferica.



Pressione al suolo e fronti del 02 Aprile alle 12 UTC



Meteosat HRV del 02 Aprile alle 12 UTC

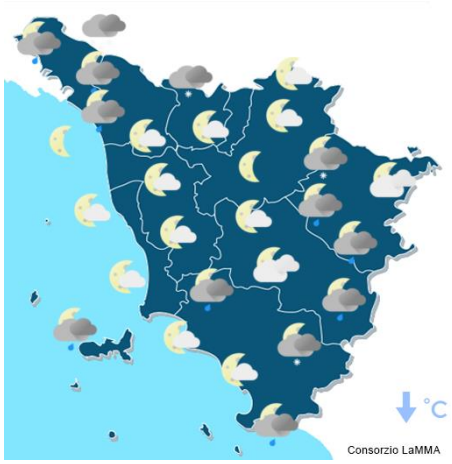
situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvolosità irregolare, a tratti intensa.

Fenomeni: rovesci diffusi e locali temporali. Neve a quote collinari intorno ai 400-600 metri; fenomeni di graupel (o neve tonda) localmente fino a quote di pianura.

Venti: deboli variabili tendenti a disporsi da nord.

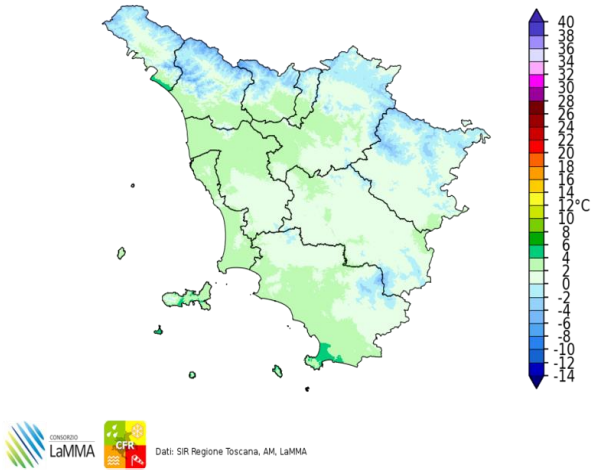
Mari: molto mossi o localmente agitati.

Temperature: in sensibile diminuzione.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	0	1	1	6	3	4	0	3	4	2
	anomalia*	-4	-6	-5	-4	-4	-4	-7	-4	-5	-5
T. max	osservata	9	10	12	10	9	11	10	8	9	5
	anomalia*	-8	-8	-6	-6	-9	-6	-7	-10	-9	-11
Precipitazione (mm/24ore)		0	9	0	8	6	14	4	5	8	9

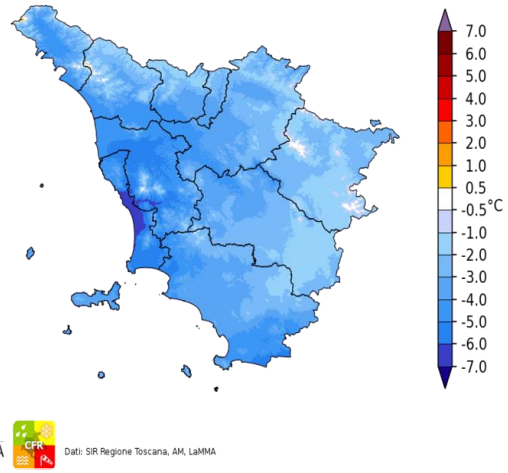
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 02/04/2022



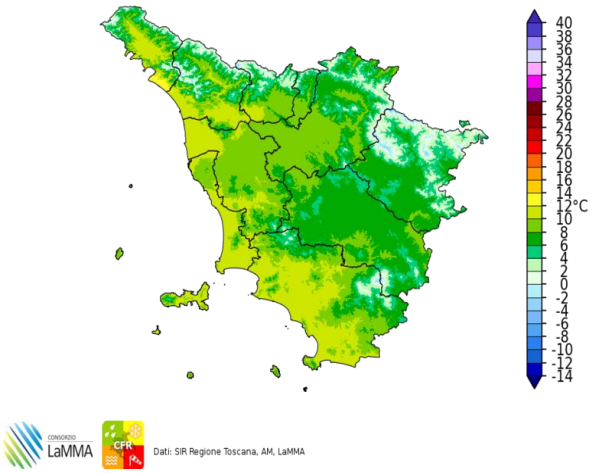
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 02/04/2022 e 01/04/2022



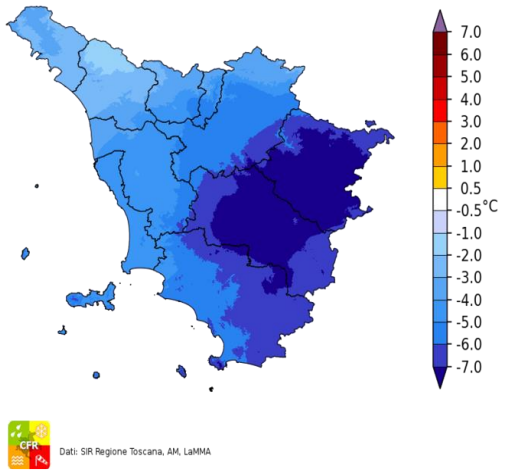
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 02/04/2022



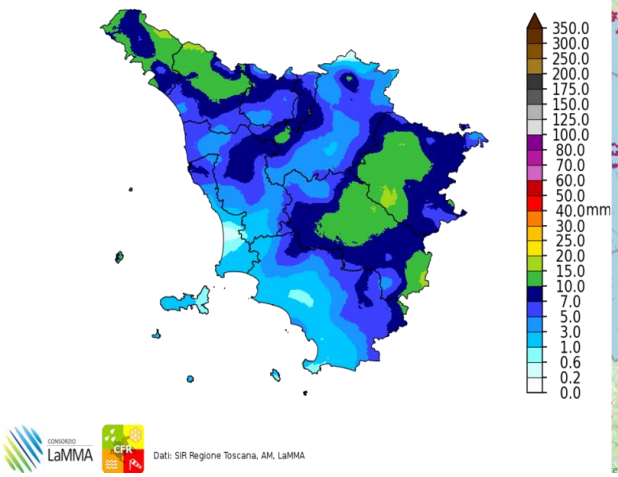
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 02/04/2022 e 01/04/2022



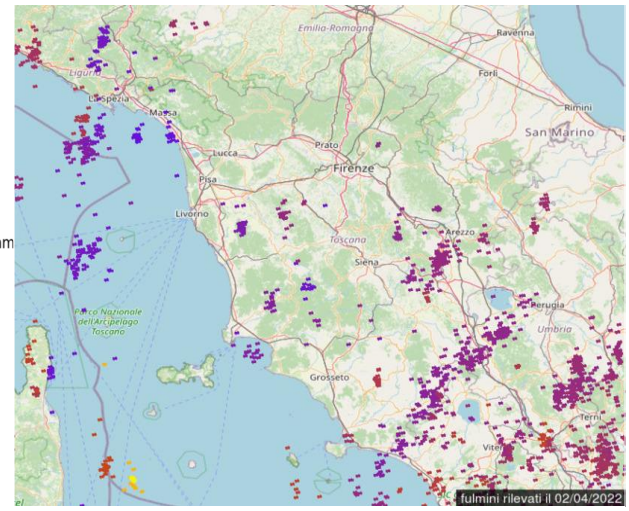
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 02/04/2022



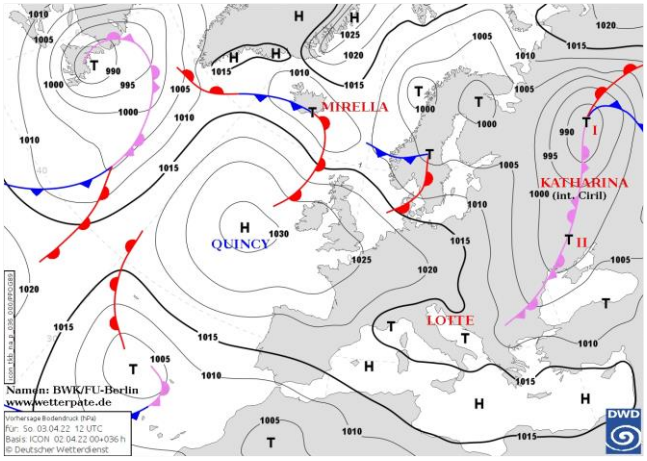
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 02 Aprile

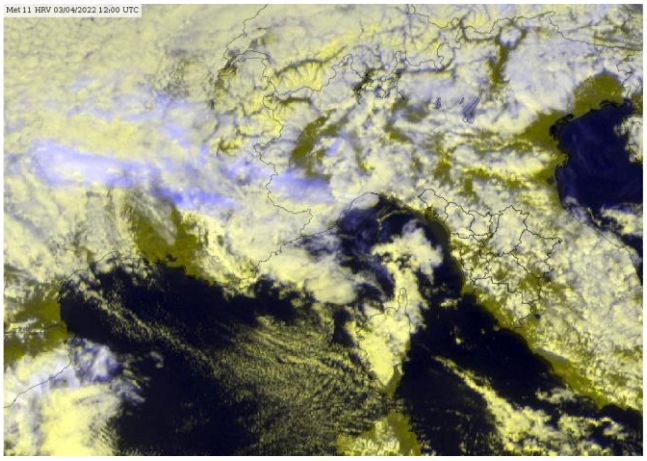


Domenica 3 Aprile 2022

Situazione: pressione in progressivo aumento per l'espansione verso est dell'anticiclone delle Azzorre.



Pressione al suolo e fronti del 03 Aprile alle 12 UTC



Meteosat HRV del 03 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: poco nuvoloso in mattinata, nuvoloso nel pomeriggio.

Fenomeni: rovesci sparsi nel pomeriggio e in serata, localmente anche forti in particolare in serata sulla costa centro-settentrionale (anche con grandinate).

Venti: deboli orientali, tendenti a divenire temporaneamente occidentali sulla costa nel pomeriggio

Mari: generalmente mossi.

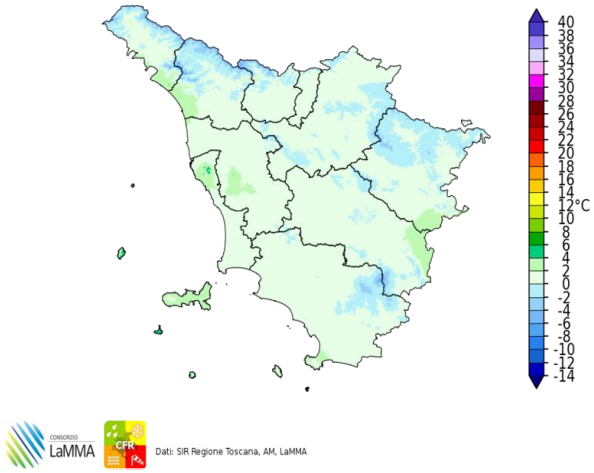
Temperature: in leggero calo le minime, in aumento le massime.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	1	1	1	4	2	4	0	1	2	1
	anomalia*	-3	-6	-5	-6	-6	-5	-7	-6	-6	-6
T. max	osservata	12	14	13	13	13	13	14	12	13	11
	anomalia*	-5	-5	-4	-3	-5	-4	-3	-6	-6	-5
Precipitazione (mm/24ore)		0	0	0	13	1	11	7	0	0	0

*anomalia calcolata sulla base della normale climatica decadale 1981-2010

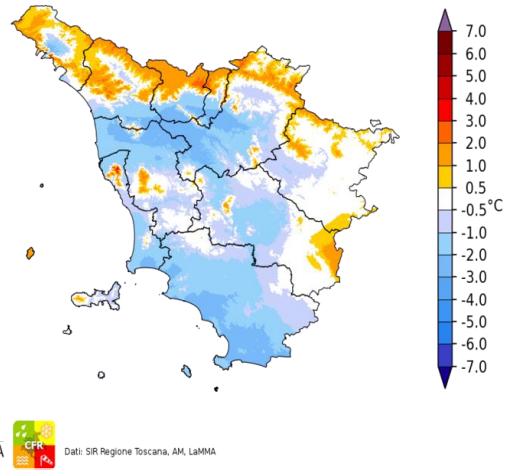
Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 03/04/2022



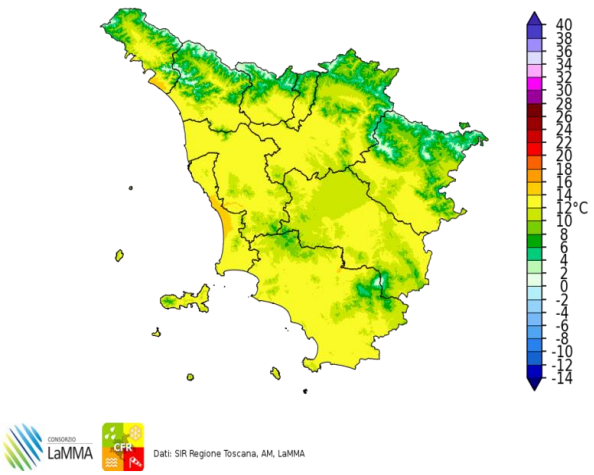
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 03/04/2022 e 02/04/2022



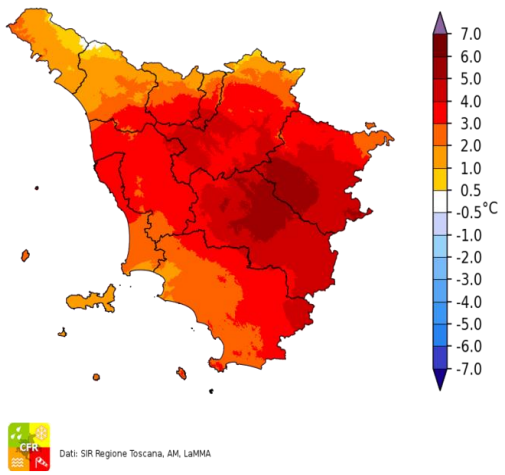
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 03/04/2022



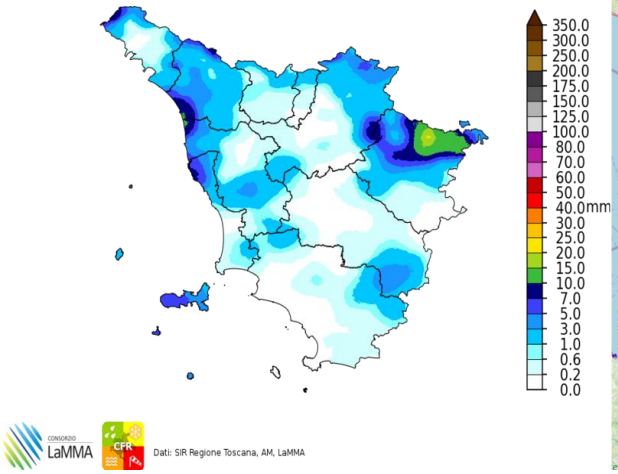
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 03/04/2022 e 02/04/2022



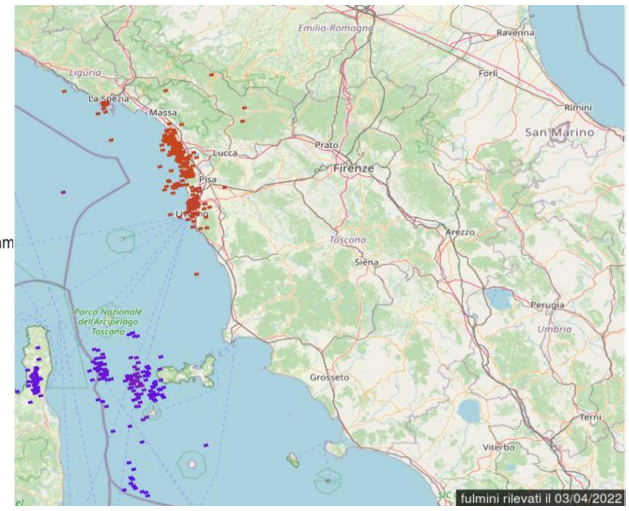
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 03/04/2022



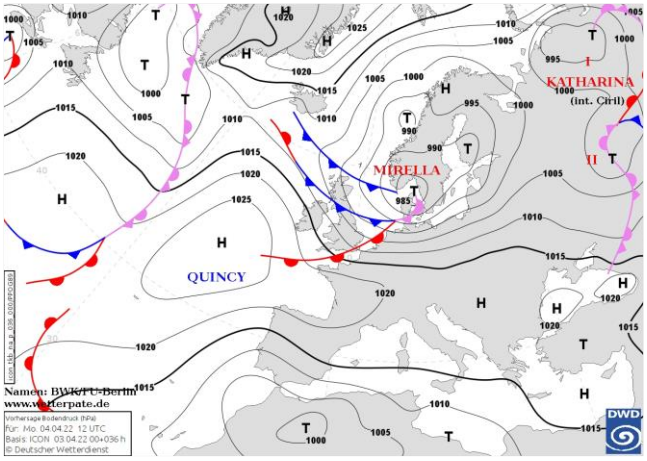
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 03 Aprile

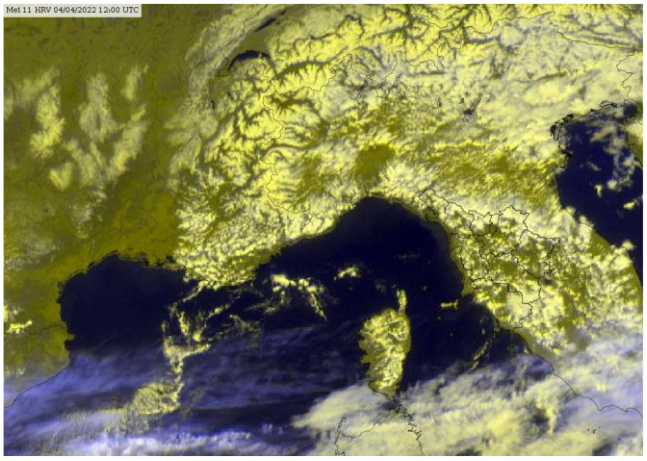


Lunedi' 4 Aprile 2022

Situazione: pressione in temporaneo aumento sull'Italia per l'espansione verso est dell'anticiclone delle Azzorre.



Pressione al suolo e fronti del 04 Aprile alle 12 UTC


Meteosat HRV del 04 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: variabile con miglioramento in serata.

Fenomeni: piogge e rovesci sparsi. Rovesci di neve in Appennino oltre i 1200 metri.

Venti: deboli variabili, tendenti a disporsi di Maestrale lungo la costa.

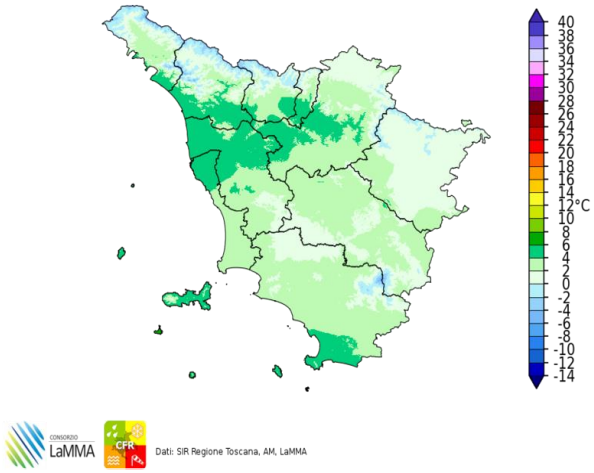
Mari: da mossi a poco mossi.

Temperature: in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	2	2	2	7	5	6	2	4	6	4
	anomalia*	-3	-5	-4	-3	-3	-3	-6	-3	-3	-3
T. max	osservata	14	17	15	13	15	14	14	14	16	15
	anomalia*	-3	-1	-3	-4	-3	-4	-3	-4	-2	-1
Precipitazione (mm/24ore)		0	0	17	2	0	3	0	0	0	0

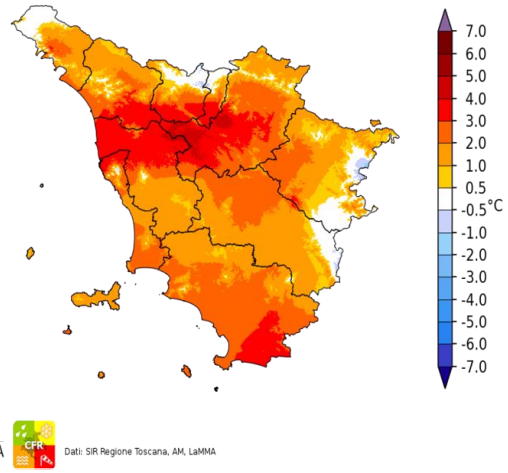
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 04/04/2022



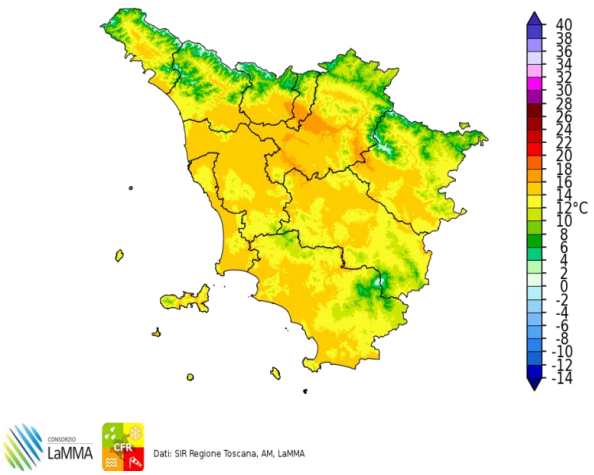
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 04/04/2022 e 03/04/2022



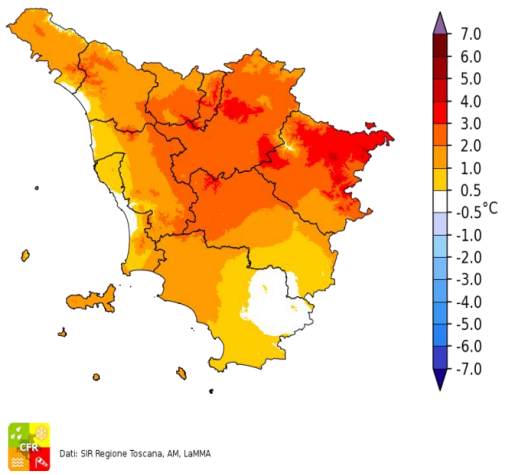
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 04/04/2022



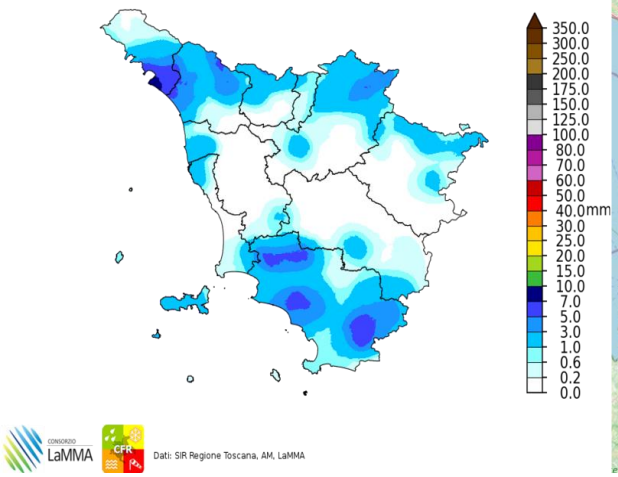
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 04/04/2022 e 03/04/2022



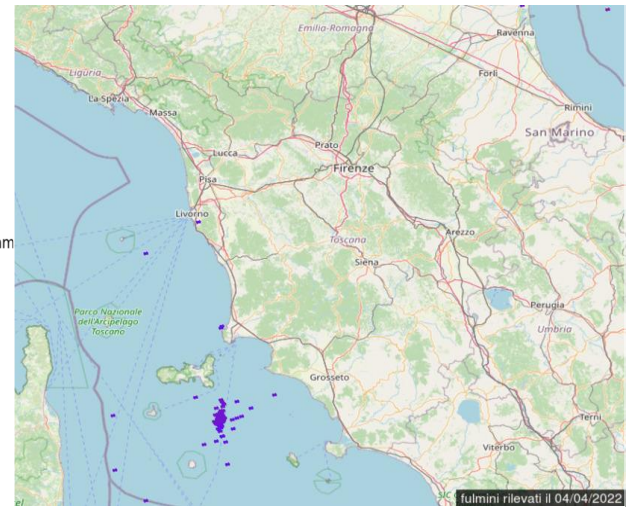
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 04/04/2022



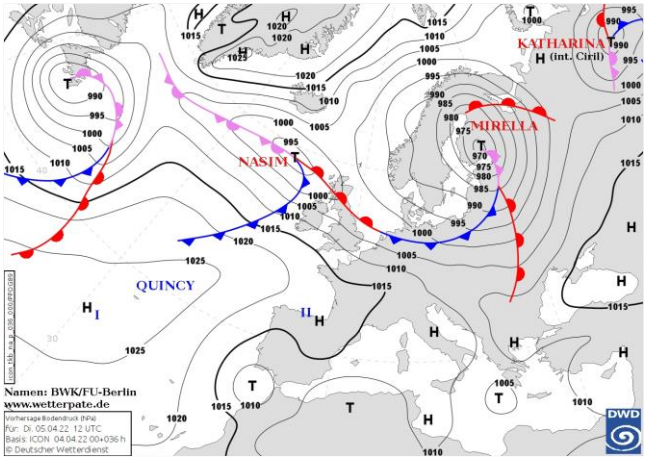
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 04 Aprile

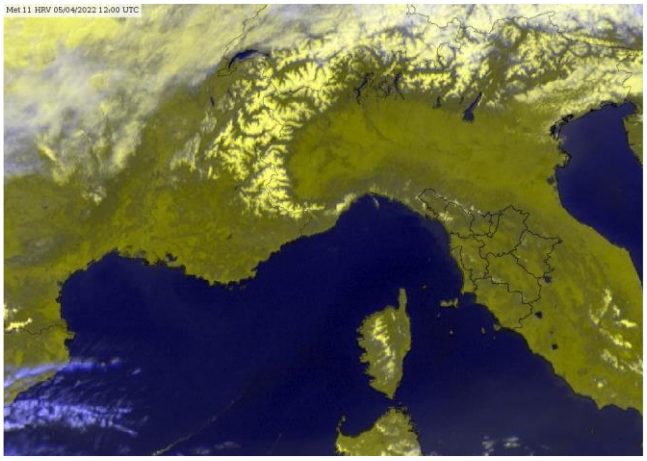


Martedi' 5 Aprile 2022

Situazione: alta pressione e tempo stabile.

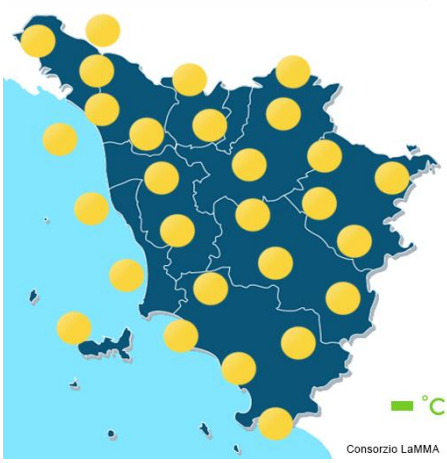


Pressione al suolo e fronti del 05 Aprile alle 12 UTC

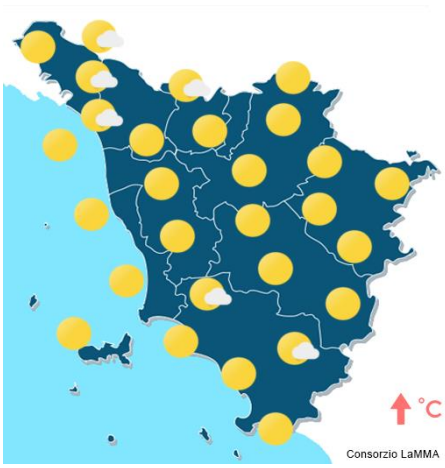


Meteosat HRV del 05 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso.

Fenomeni: nessuno.

Venti: deboli occidentali con modesti rinforzi di Maestrale sulla costa nel pomeriggio.

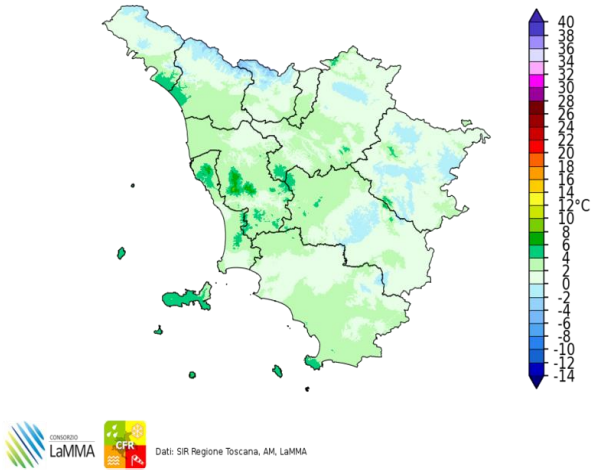
Mari: poco mossi.

Temperature: minime in lieve calo, massime in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	0	2	2	7	3	5	1	2	4	4
	anomalia*	-5	-5	-4	-3	-5	-4	-6	-5	-4	-3
T. max	osservata	17	18	16	15	16	14	14	16	18	18
	anomalia*	0	0	-2	-2	-2	-3	-3	-2	0	2
Precipitazione (mm/24ore)		0	0	0	0	0	0	N.D.	0	0	0

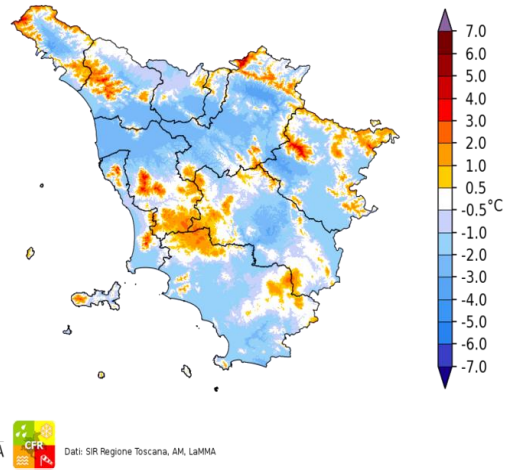
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 05/04/2022



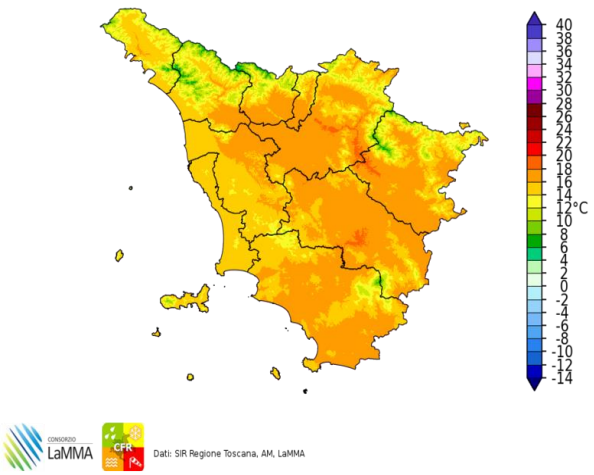
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 05/04/2022 e 04/04/2022



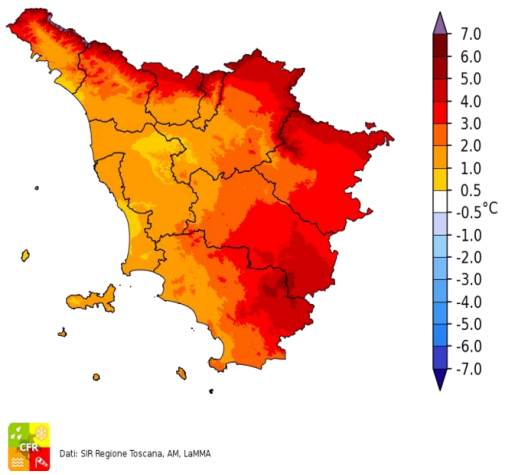
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 05/04/2022



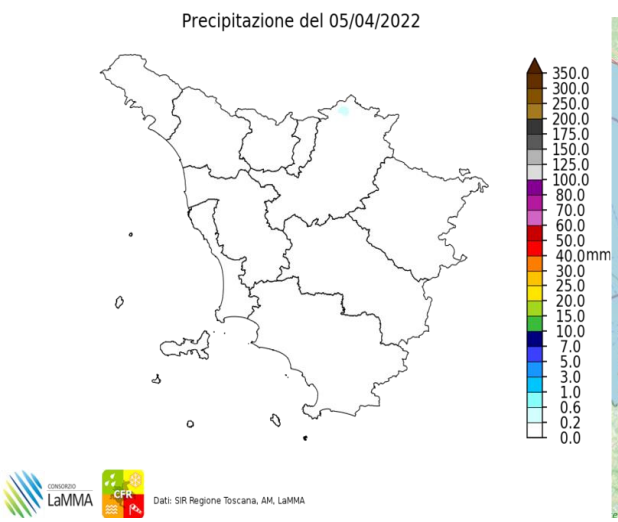
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 05/04/2022 e 04/04/2022



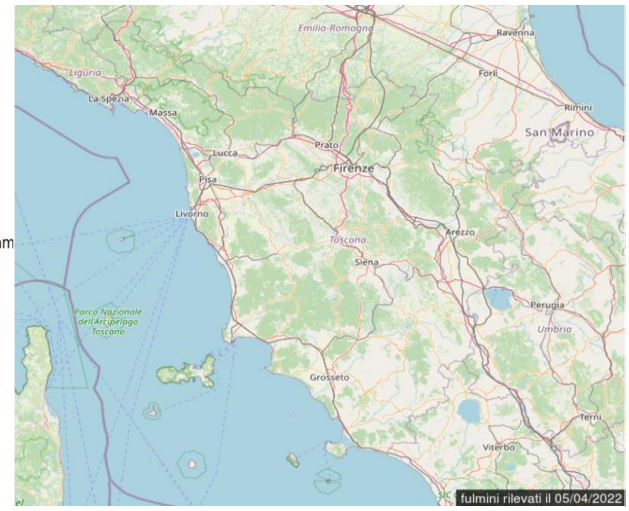
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 05/04/2022



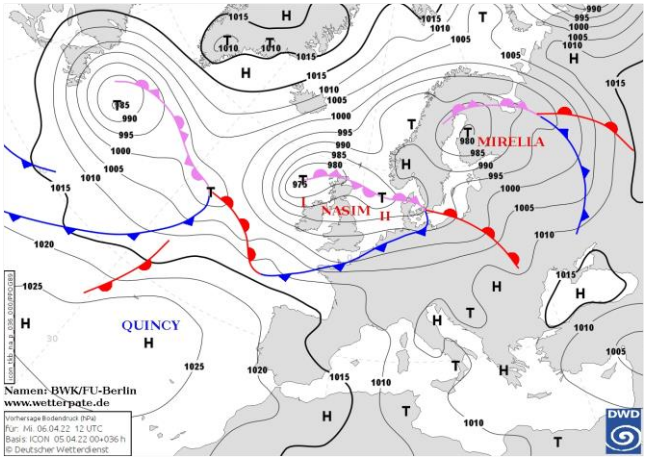
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 05 Aprile

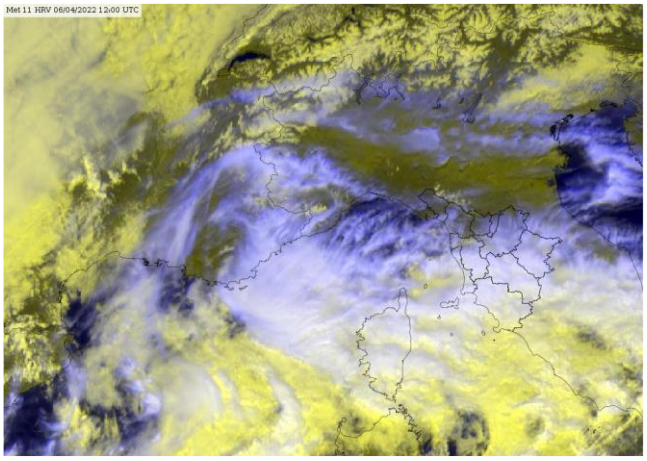


Mercoledi' 6 Aprile 2022

Situazione: pressione in diminuzione sul Mediterraneo centrale e transito di una perturbazione mediterranea con minimo sul Canale di Sardegna (1006-1008 hPa).



Pressione al suolo e fronti del 06 Aprile alle 12 UTC



Meteosat HRV del 06 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o velato in mattinata al centro-nord; parzialmente nuvoloso al sud. Molto nuvoloso o coperto ovunque da metà pomeriggio.

Fenomeni: nel pomeriggio-sera precipitazioni, di debole-moderata intensità sulle zone centro-meridionali della regione (compreso l'Appennino fiorentino).

Venti: deboli meridionali, tendenti a ruotare a ovest in serata.

Mari: poco mossi.

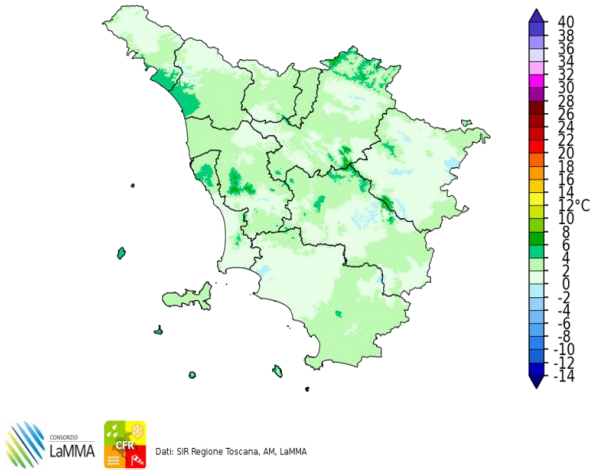
Temperature: in aumento sulle zone settentrionali, in diminuzione sulle zone meridionali e sulla costa centro-meridionale.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	0	2	2	8	3	5	1	2	5	5
	anomalia*	-5	-5	-4	-2	-5	-4	-6	-5	-3	-2
T. max	osservata	16	18	13	14	18	16	17	17	18	14
	anomalia*	-1	0	-4	-2	0	-2	0	-1	0	-2
Precipitazione (mm/24ore)		5	2	8	0	0	0	0	0	1	5

*anomalia calcolata sulla base della normale climatica decadale 1981-2010

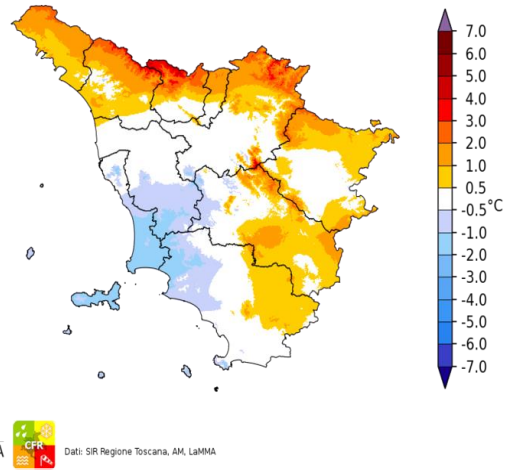
Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 06/04/2022



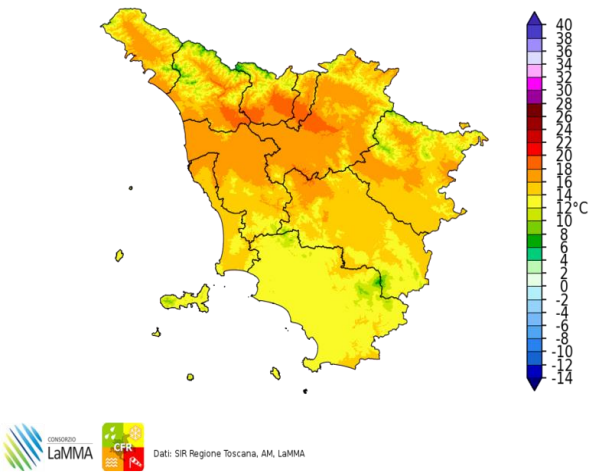
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 06/04/2022 e 05/04/2022



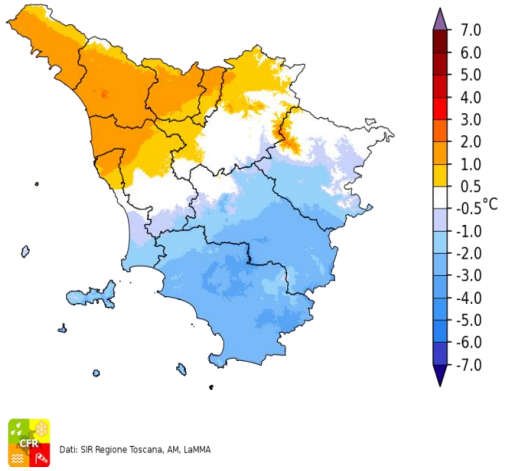
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 06/04/2022



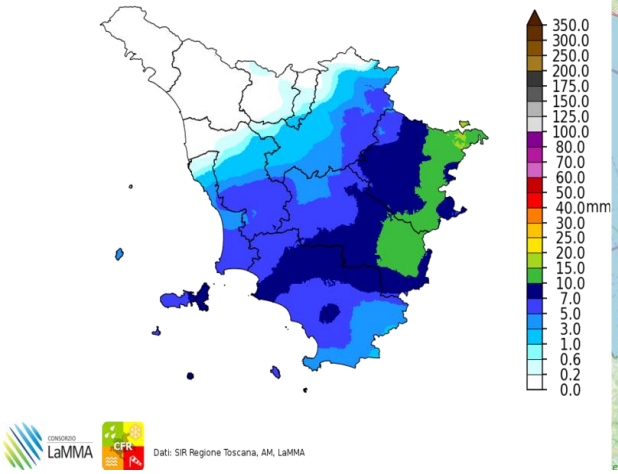
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 06/04/2022 e 05/04/2022



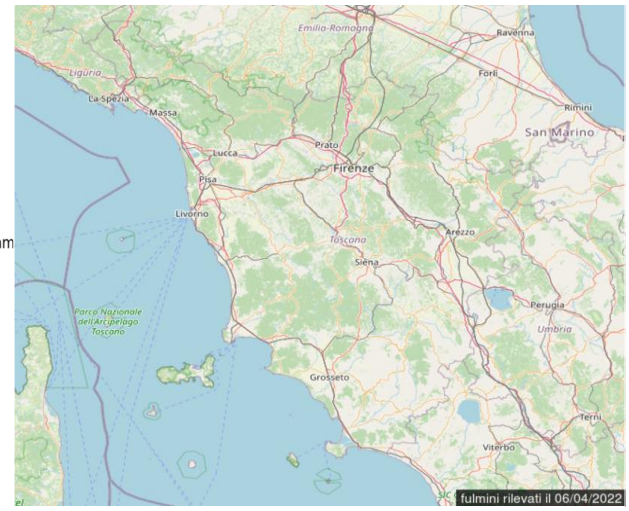
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 06/04/2022



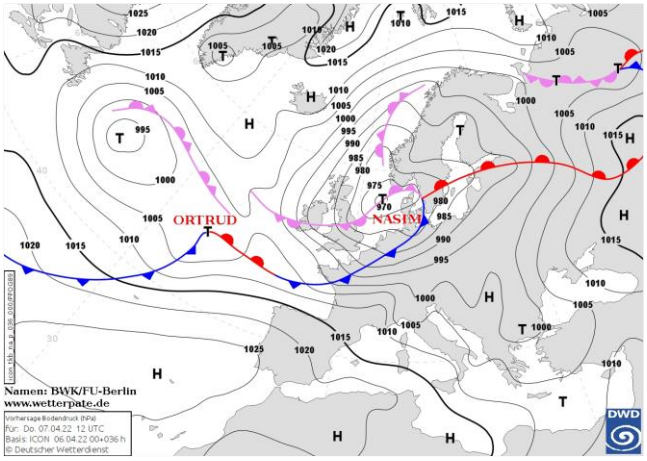
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 06 Aprile

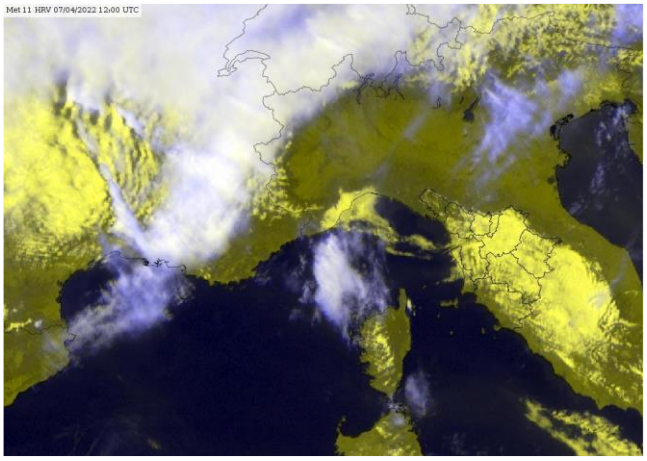


Giovedi' 7 Aprile 2022

Situazione: flusso zonale con formazione di un minimo sul mar Ligure in temporaneo approfondimento; sostenuta ventilazione sud occidentale sulla Toscana.



Pressione al suolo e fronti del 07 Aprile alle 12 UTC


Meteosat HRV del 07 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvoloso per nubi medio basse, più consisteni sulle zone settentrionali; schiarite nel pomeriggio su costa e Maremma.

Fenomeni: deboli precipitazioni sui rilievi esposti al flusso occidentale.

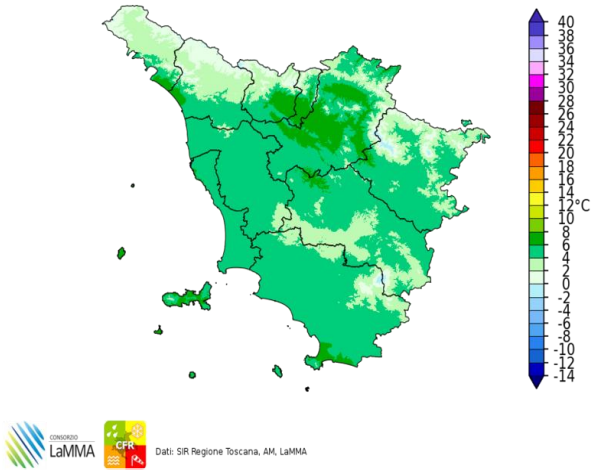
Venti: moderati occidentali, forti o molto forti in serata su costa e Arcipelago settentrionale (a nord di Capraia), crinali appenninici e sottovento ad essi.
Mari: mossi tendenti a divenire molto mossi o agitati a nord di Capraia, mossi o localmente molto mossi al largo altrove.

Temperature: minime in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	5	8	5	8	6	6	3	8	8	5
	anomalia*	1	1	-1	-2	-2	-2	-4	0	0	-2
T. max	osservata	15	16	17	16	17	16	15	16	16	15
	anomalia*	-2	-2	0	0	-1	-2	-2	-2	-2	-1
Precipitazione (mm/24ore)		4	0	0	0	0	0	0	0	0	0

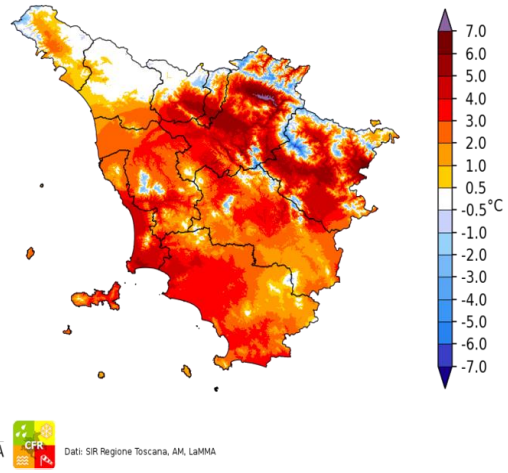
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 07/04/2022



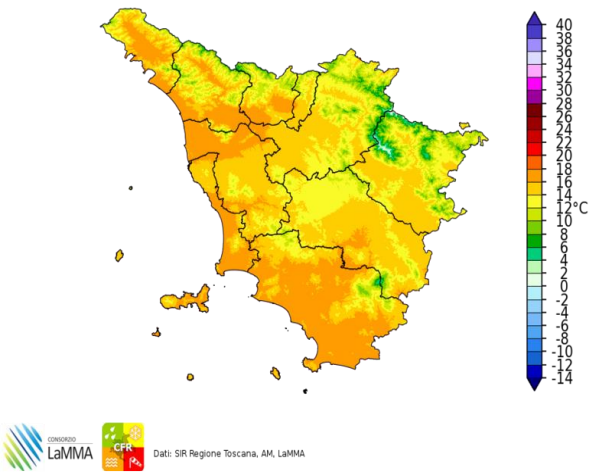
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 07/04/2022 e 06/04/2022



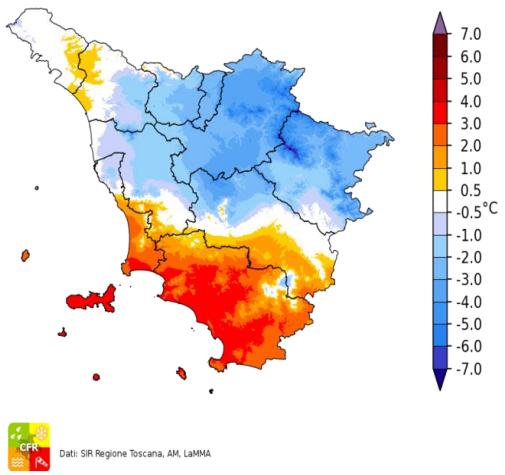
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 07/04/2022



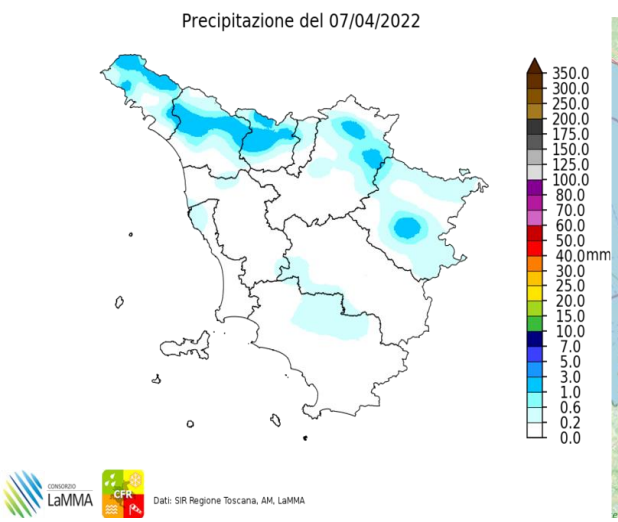
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 07/04/2022 e 06/04/2022



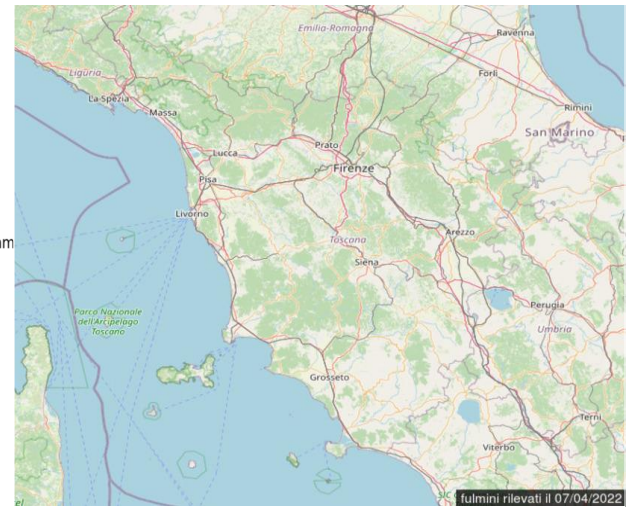
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 07/04/2022



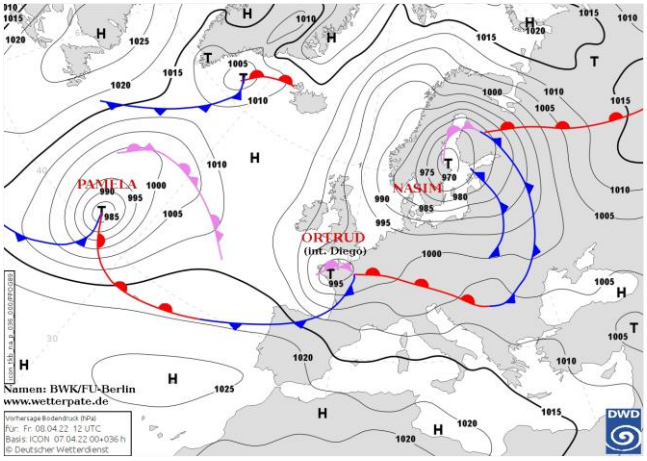
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 07 Aprile

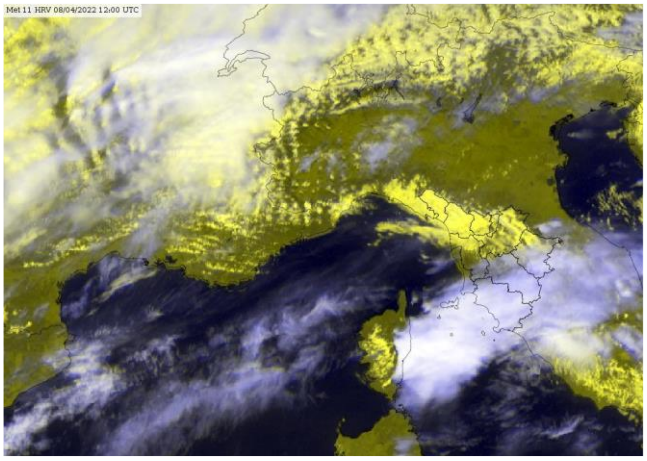


Venerdi' 8 Aprile 2022

Situazione: flusso zonale con minimo orografico sul mar Ligure che attiva un sostenuto flusso sud occidentale sulla Toscana.



Pressione al suolo e fronti del 08 Aprile alle 12 UTC


Meteosat HRV del 08 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvoloso o molto nuvoloso con temporanee schiarite sul centro-sud della regione.

Fenomeni: locali deboli piogge sulle zone settentrionali, soprattutto sui rilievi.

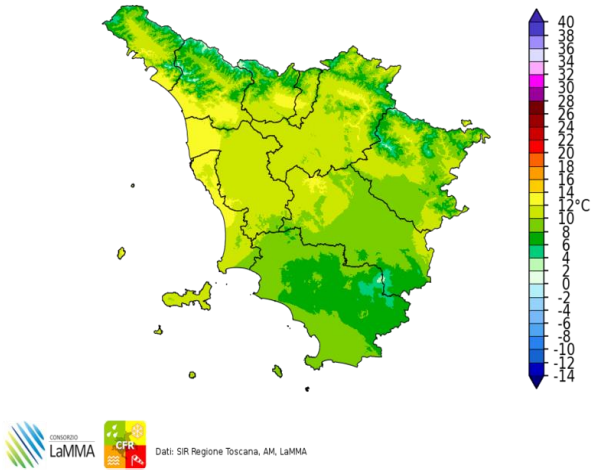
Venti: moderati-forti di Libeccio, in particolare su costa e Arcipelago a nord di Capraia, crinali appenninici e sottovento. Nel pomeriggio temporanea rotazione a Ponente con venti moderati anche sulle zone interne.
Mari: agitati a nord di Capraia, fino a molto mossi altrove.

Temperature: in sensibile aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	9	9	7	15	14	14	12	13	13	10
	anomalia*	4	2	1	5	6	5	5	6	5	3
T. max	osservata	20	21	19	19	20	17	20	18	19	19
	anomalia*	3	3	1	2	2	0	3	0	1	3
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	1	0	0

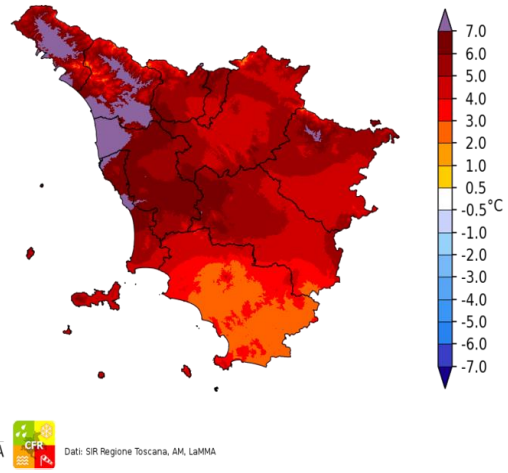
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 08/04/2022



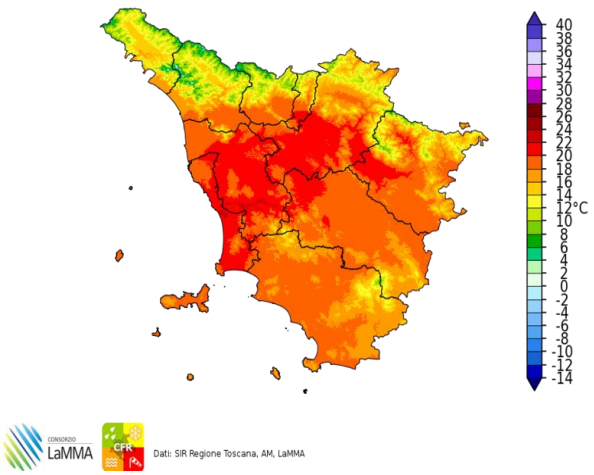
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 08/04/2022 e 07/04/2022



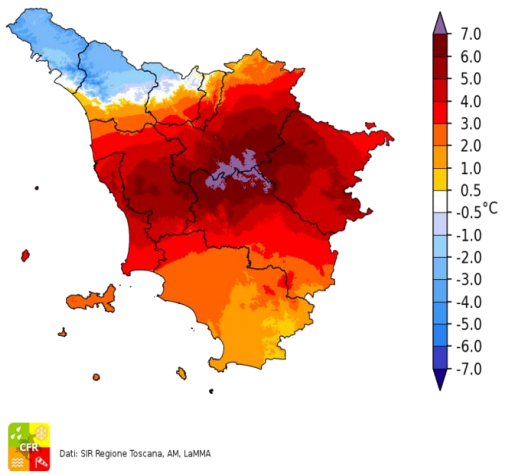
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 08/04/2022



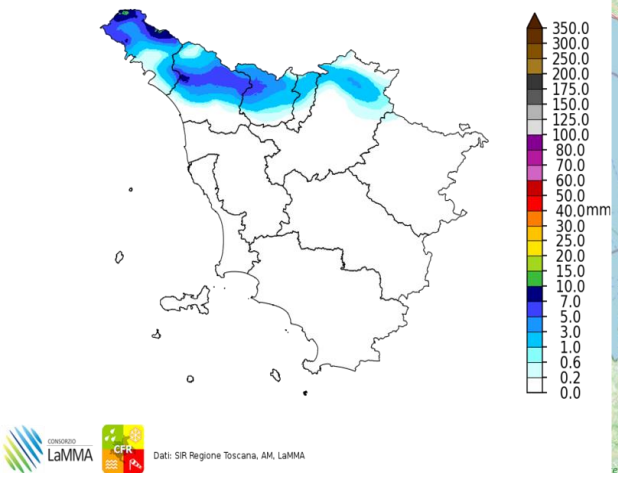
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 08/04/2022 e 07/04/2022



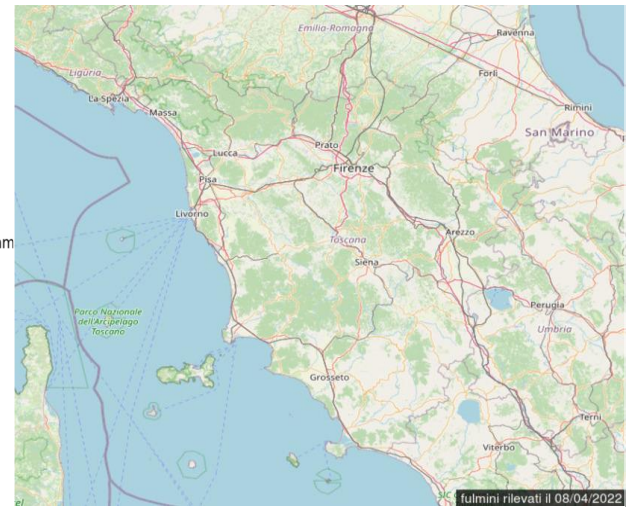
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 08/04/2022



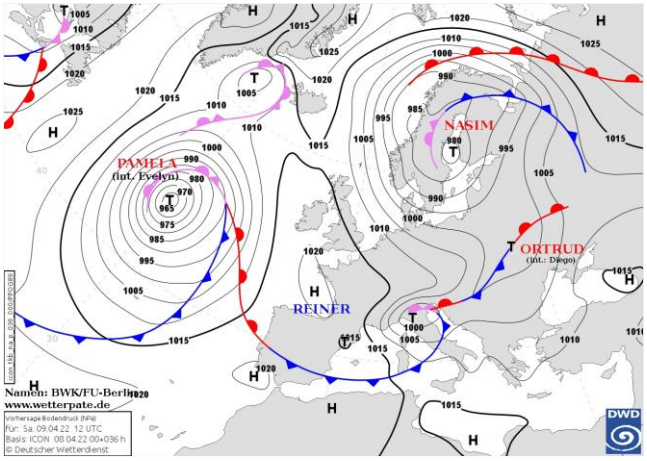
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 08 Aprile

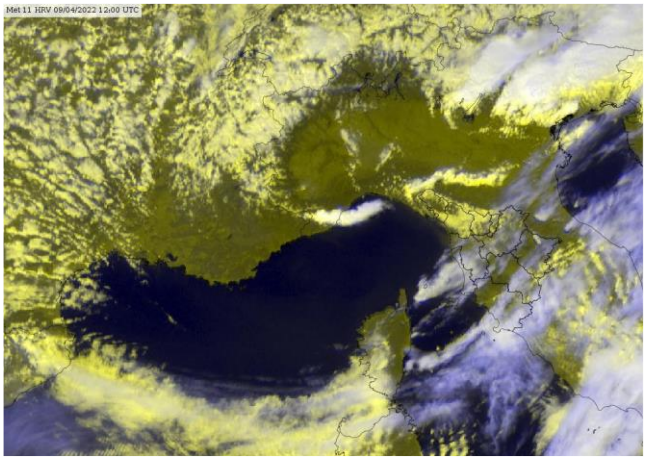


Sabato 9 Aprile 2022

Situazione: minimo sul mar Ligure.

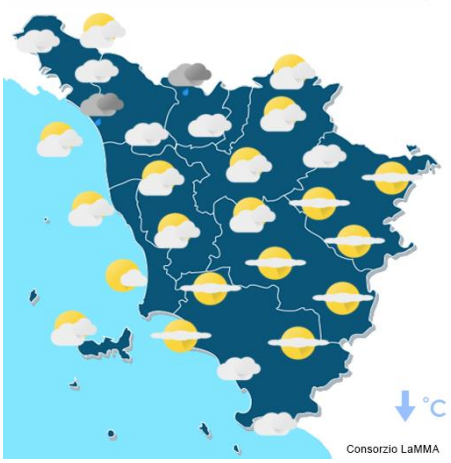


Pressione al suolo e fronti del 09 Aprile alle 12 UTC



Meteosat HRV del 09 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvoloso o a tratti molto nuvoloso, in particolare in serata.

Fenomeni: precipitazioni sparse in serata in Appenino (con nevicate fino a quote di alta collina) e sulle zone centro meridionali.

Venti: forti di Libeccio, in particolare su costa settentrionale, crinali appenninici e sottovento; in serata rotazione ai quadranti settentrionali con possibili forti raffiche anche sulle pianure settentrionali.
Mari: molto mossi o agitati a nord di Capraia.

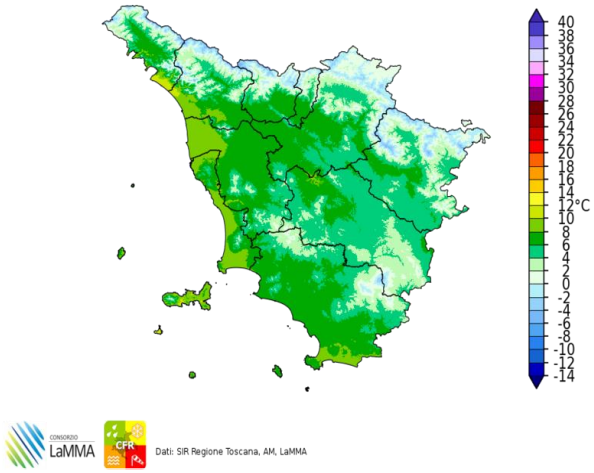
Temperature: in calo, soprattutto in serata.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	3	3	3	9	8	10	2	8	7	4
	anomalia*	-2	-5	-3	-1	0	1	-5	0	-1	-3
T. max	osservata	19	18	18	16	17	16	16	16	17	16
	anomalia*	2	0	0	0	-2	-1	-1	-2	-1	0
Precipitazione (mm/24ore)		0	2	0	0	2	0	0	0	0	3

*anomalia calcolata sulla base della normale climatica decadale 1981-2010

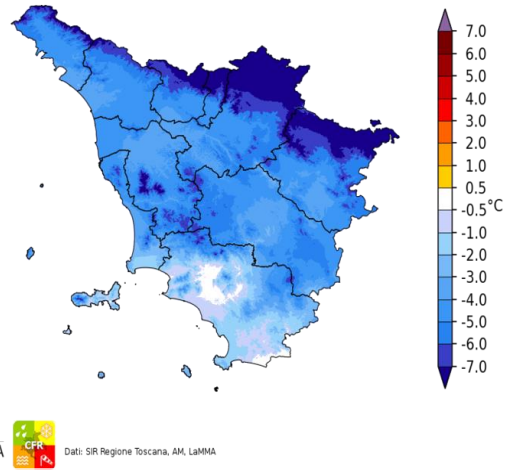
Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 09/04/2022



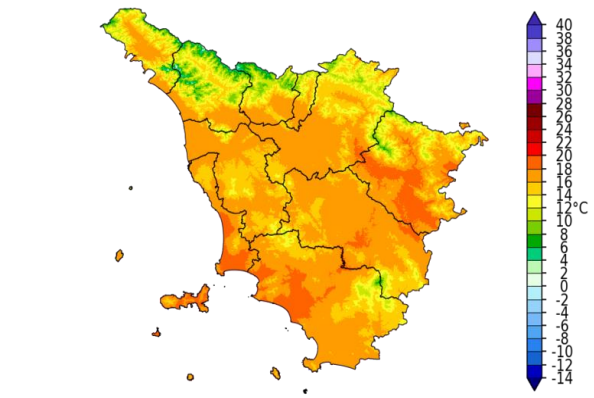
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 09/04/2022 e 08/04/2022



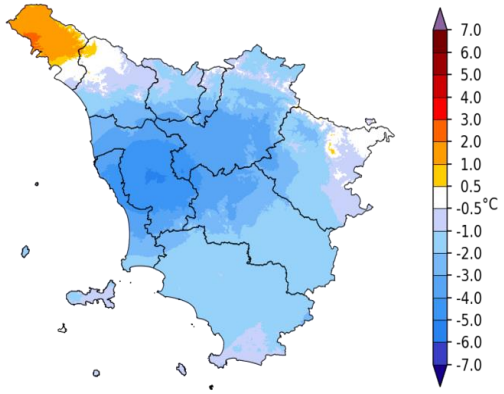
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 09/04/2022



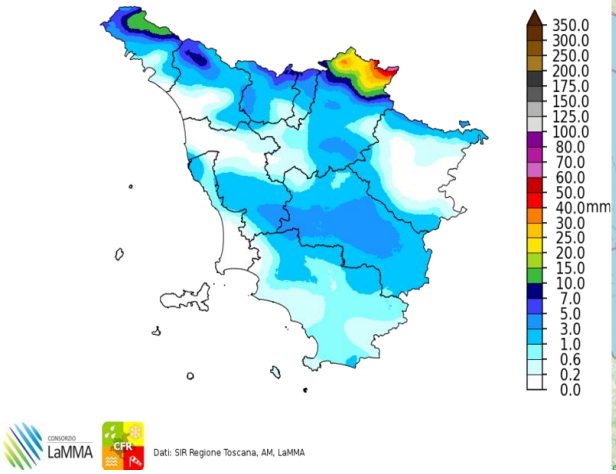
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 09/04/2022 e 08/04/2022



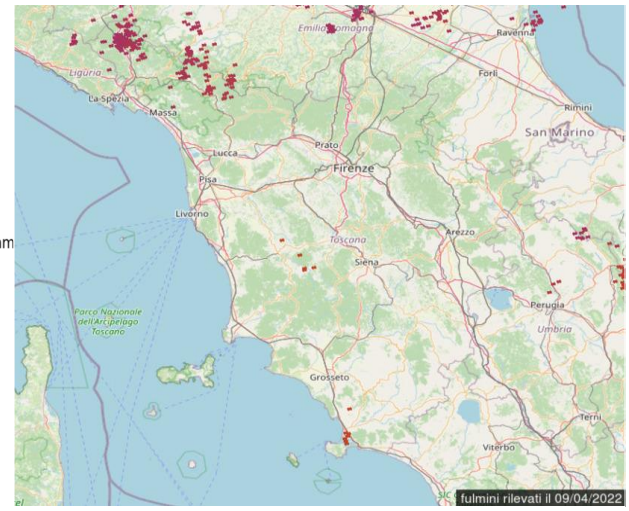
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 09/04/2022



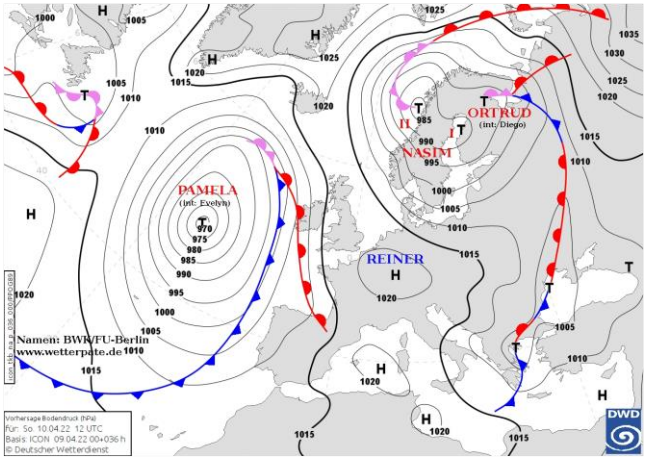
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 09 Aprile

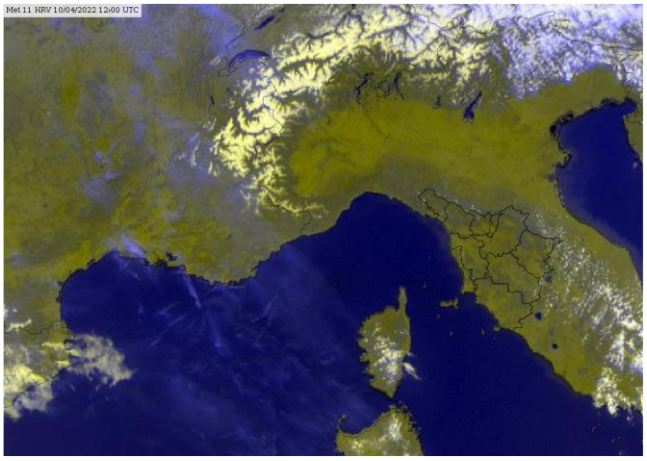


Domenica 10 Aprile 2022

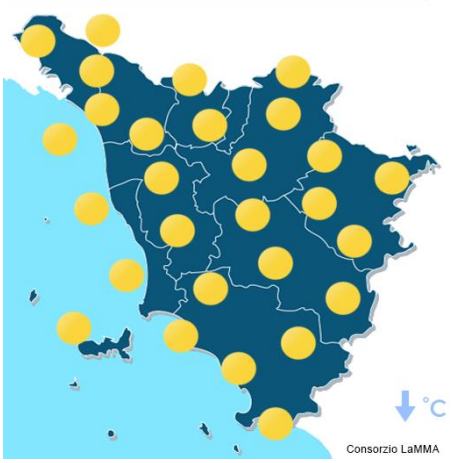
Situazione: pressione in aumento a partire dalle regioni di nord ovest con rapido ritorno a condizioni di tempo stabile.



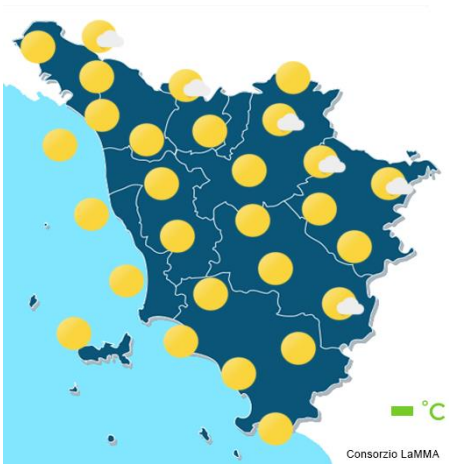
Pressione al suolo e fronti del 10 Aprile alle 12 UTC


Meteosat HRV del 10 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno dal mattino.

Fenomeni: nottetempo residue precipitazioni in Appennino.

Venti: deboli settentrionali, tendenti a provenire da ovest nel pomeriggio.

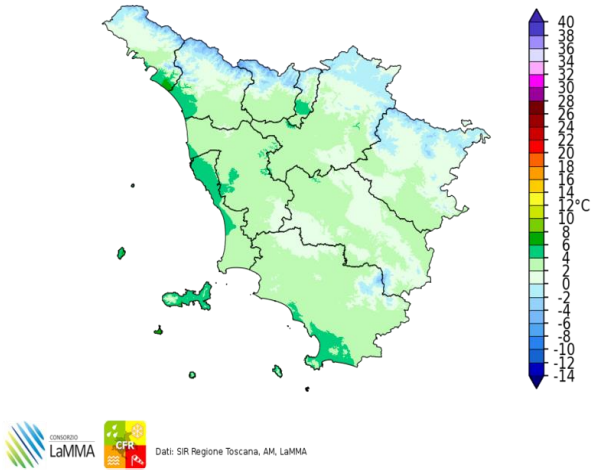
Mari: inizialmente mossi con moto ondoso in attenuazione.

Temperature: minime in netto calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	-1	1	2	8	4	6	1	3	5	4
	anomalia*	-5	-6	-4	-2	-4	-3	-6	-5	-3	-4
T. max	osservata	16	18	16	15	17	15	15	16	18	16
	anomalia*	-2	0	-2	-1	-1	-2	-2	-2	0	0
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

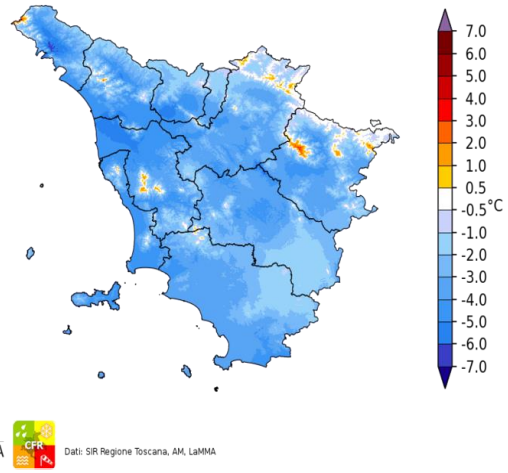
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 10/04/2022



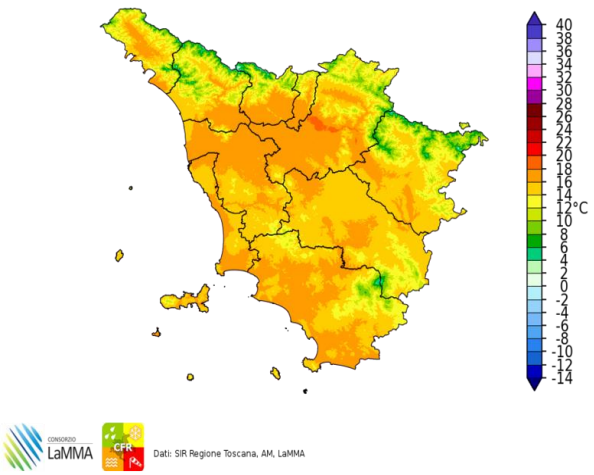
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 10/04/2022 e 09/04/2022



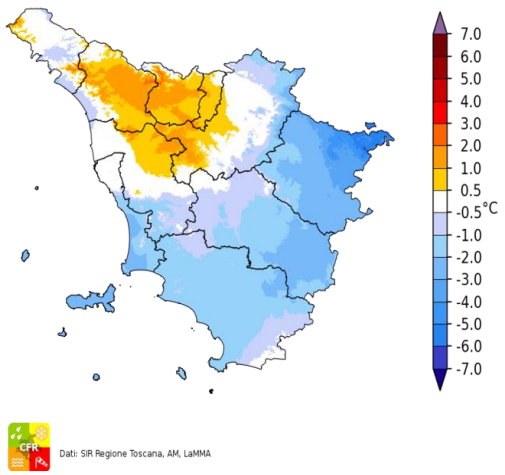
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 10/04/2022



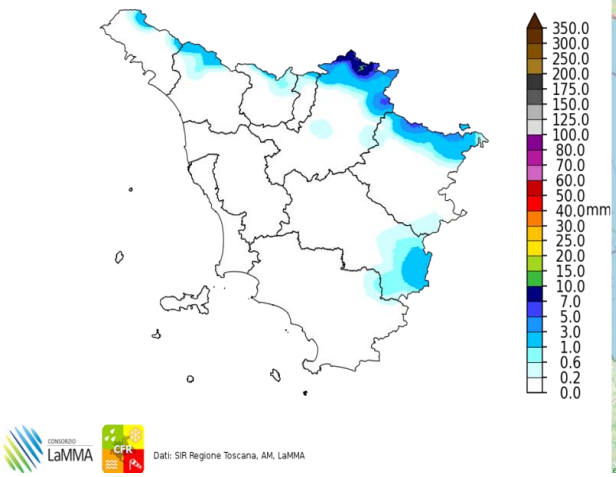
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 10/04/2022 e 09/04/2022



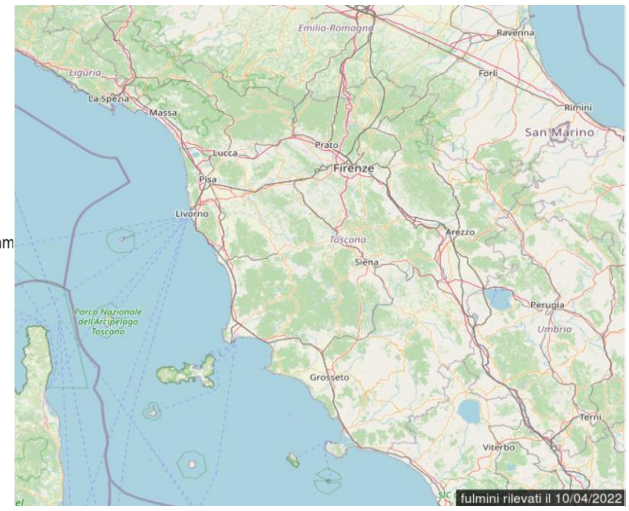
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 10/04/2022



Dati: SIR Regione Toscana, AM, LaMMA

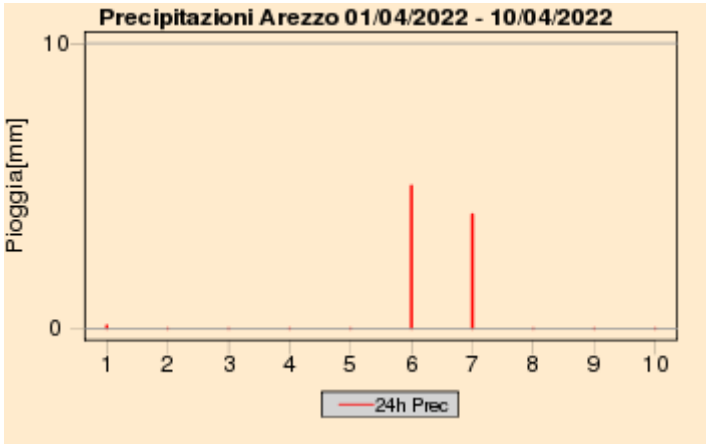
Fulminazioni osservate il giorno 10 Aprile

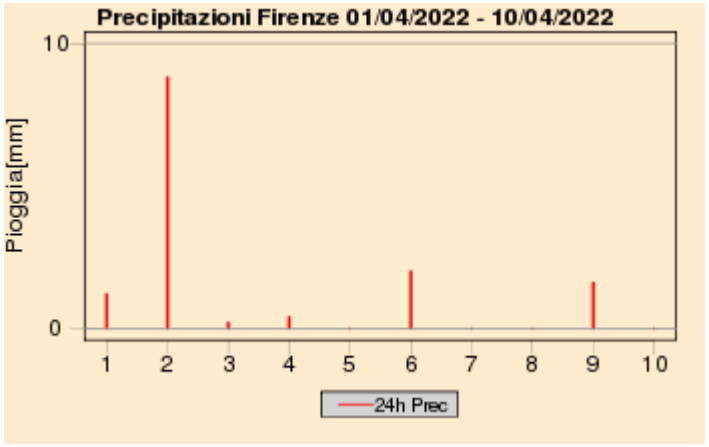


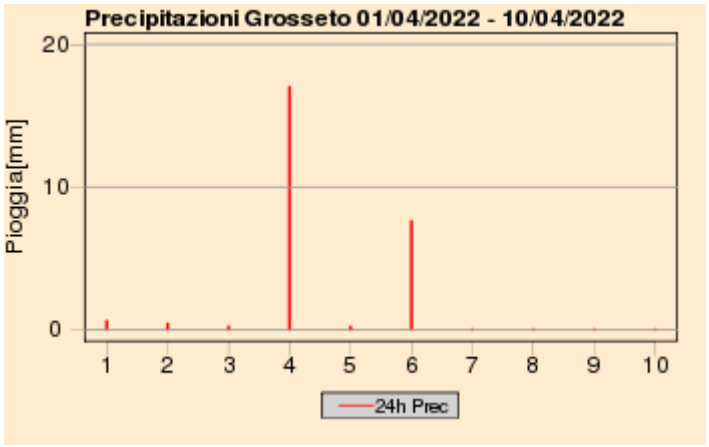
I decade - Quadro regionale – Precipitazioni

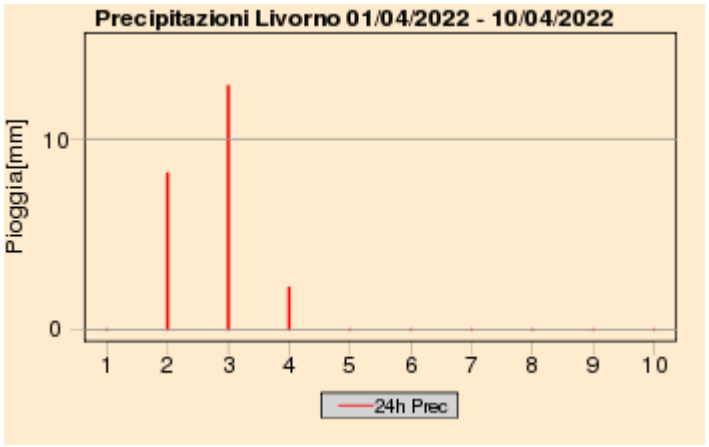
Le precipitazioni osservate nel corso della prima decade di aprile sono risultate abbastanza frequenti ma non particolarmente abbondanti e spesso non diffuse. Solo in Appennino e sull'alto Mugello si sono infetti registrati oltre 50 mm di cumulati decadali, mentre su molte delle zone più occidentali non si sono raggiunti i 20 mm.

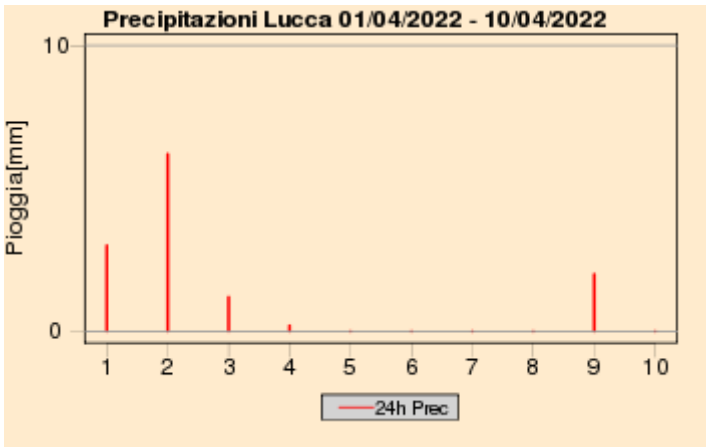
Nel complesso si riportano anomalie positive di precipitazione sull'Appennino orientale e sull'aretino e sul senese, mentre altrove le piogge decadali risultano inferiori alle medie.

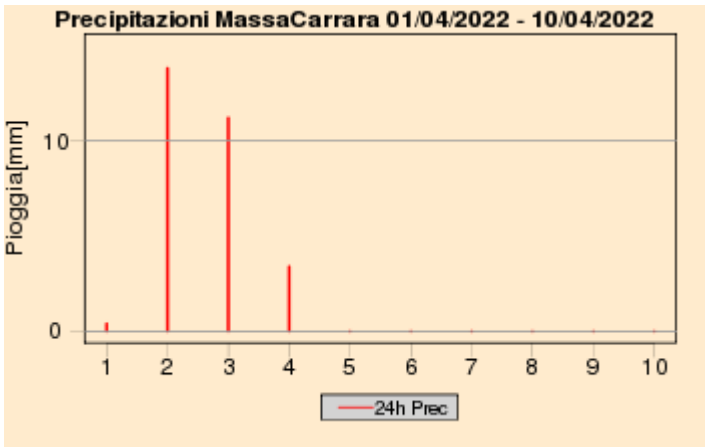


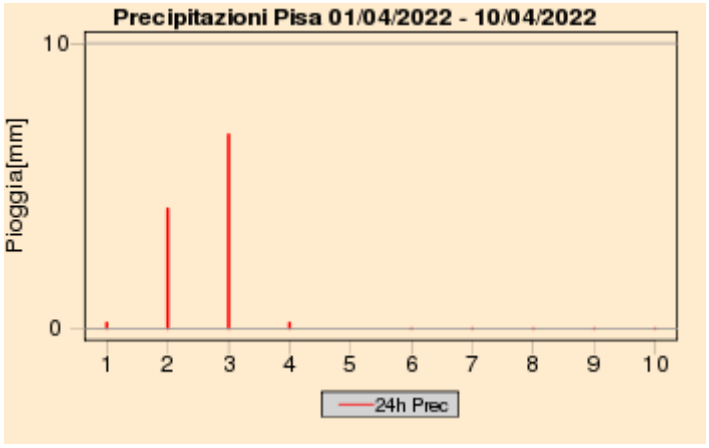


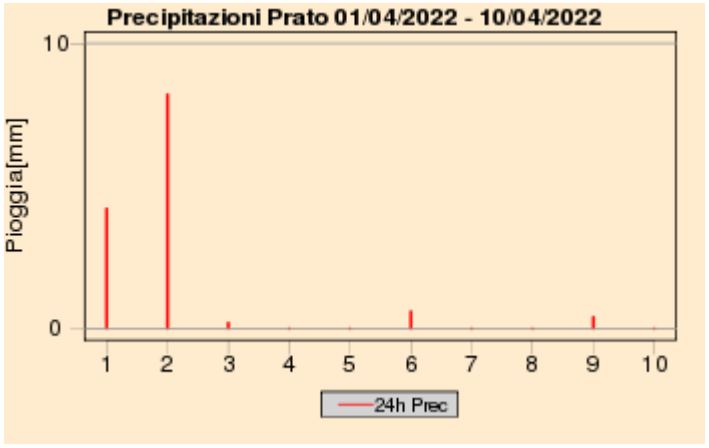


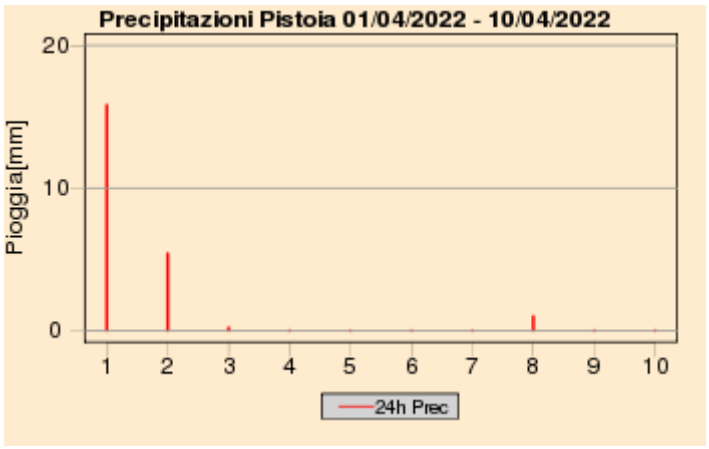


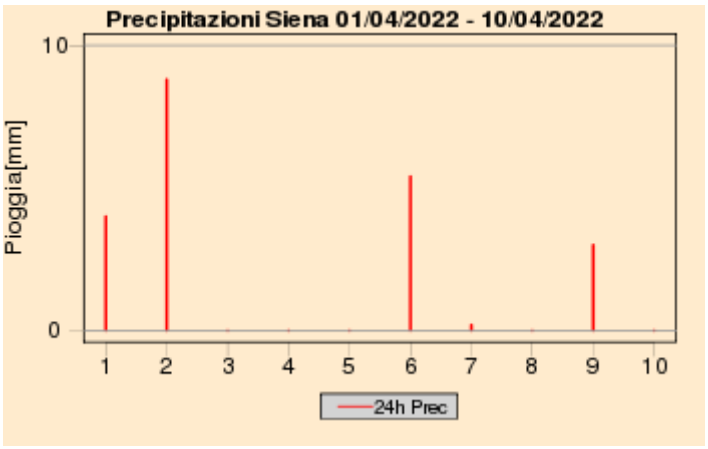




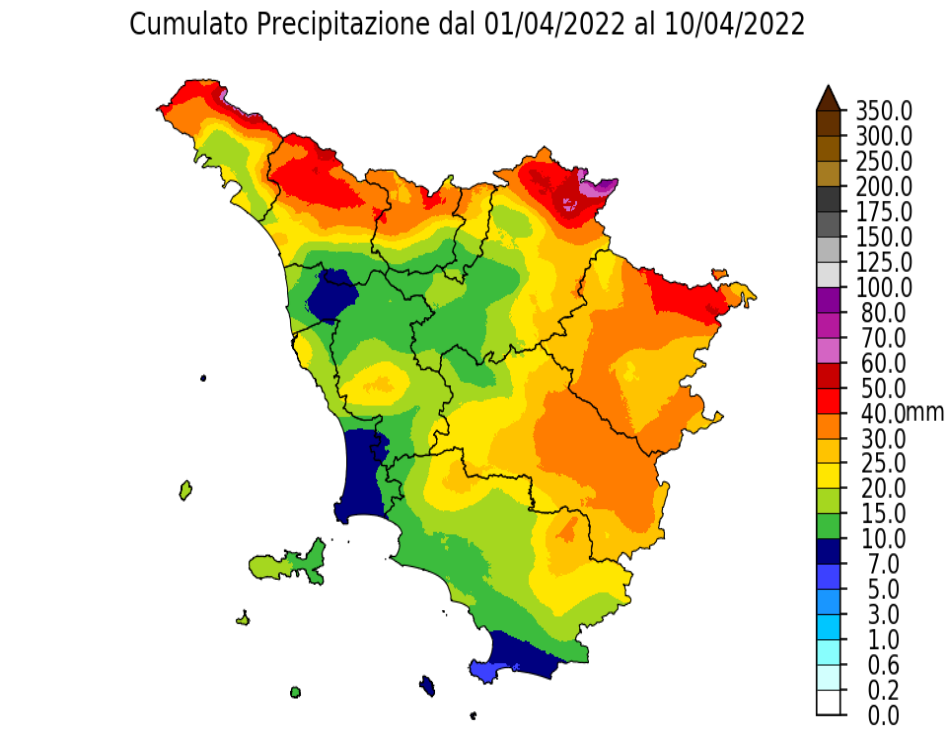






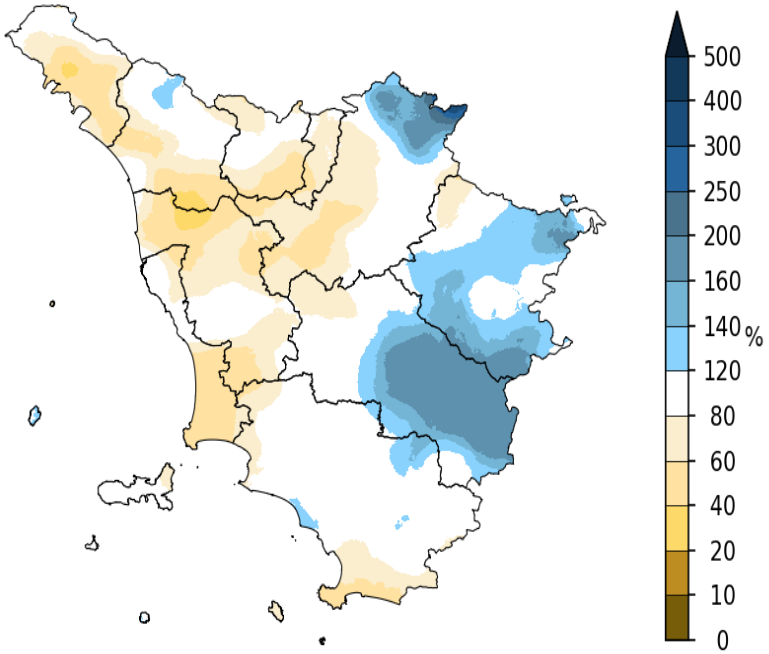


Quadro regionale – Cumulati decadali di precipitazione, anomalia di precipitazione e numero di giorni di pioggia



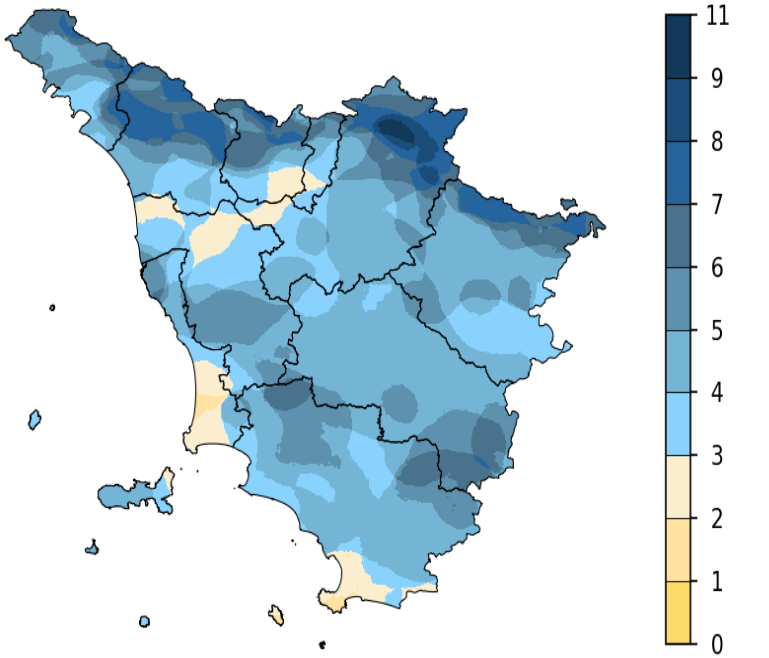
Dati: SIR Regione Toscana, AM, LaMMA

Percentuale di Precipitazione rispetto alla media climatica
dal 01/04/2022 al 10/04/2022



Dati: SIR Regione Toscana, AM, LaMMA

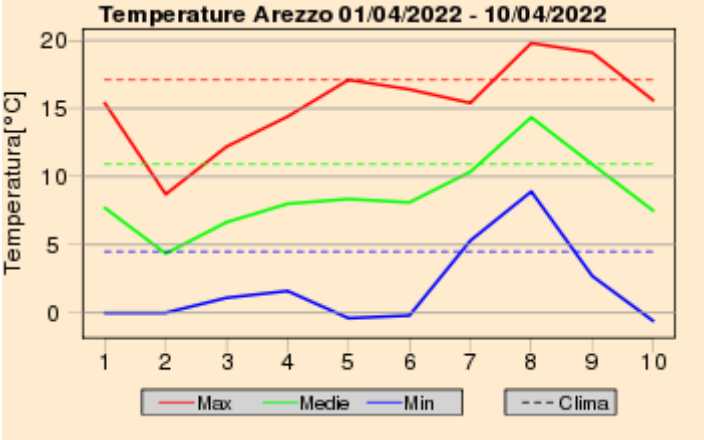
Giorni con Pioggia ≥ di 1 mm dal 01/04/2022 al 10/04/2022

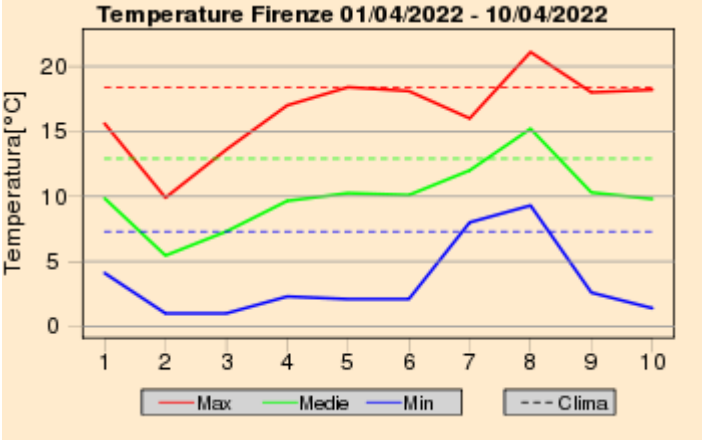


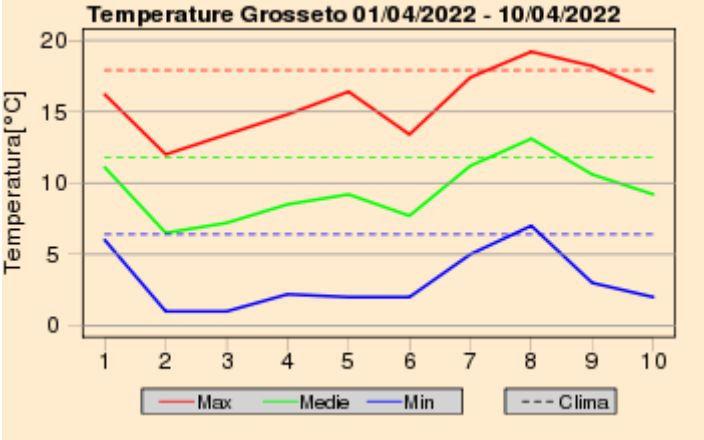
Dati: SIR Regione Toscana, AM, LaMMA

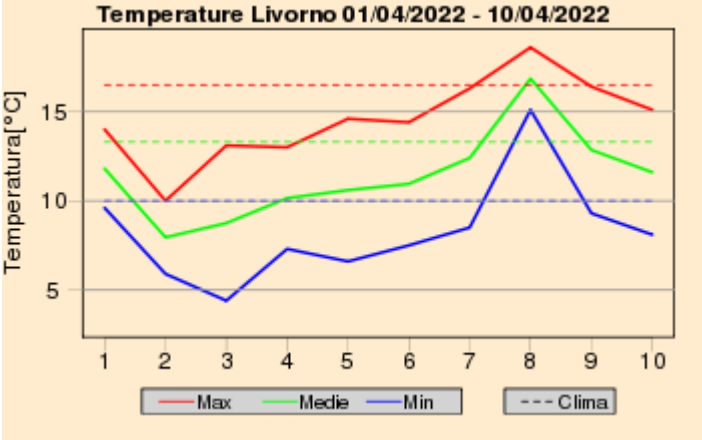
I decade - Quadro regionale – Temperature

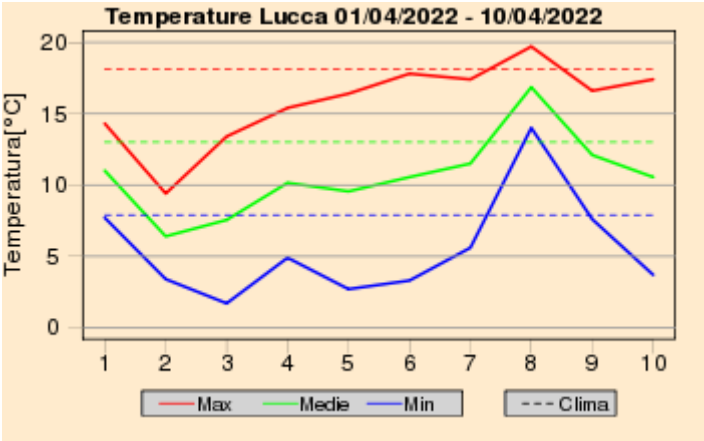
La prima decade di Aprile è risultata più fredda della media con una anomalia negativa di temperatura complessiva di circa 2 gradi. Fino al giorno 7 in particolare i valori sia minimi che massimi sono risultati ovunque inferiori a quelli di riferimento trentennale.
Nonostante le anomalie negative non si sono per fortuna verificate gelate particolarmente rigide sulle zone di pianura interna.

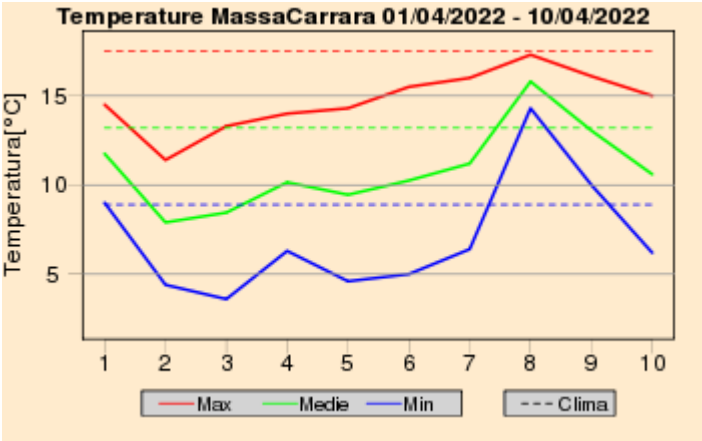


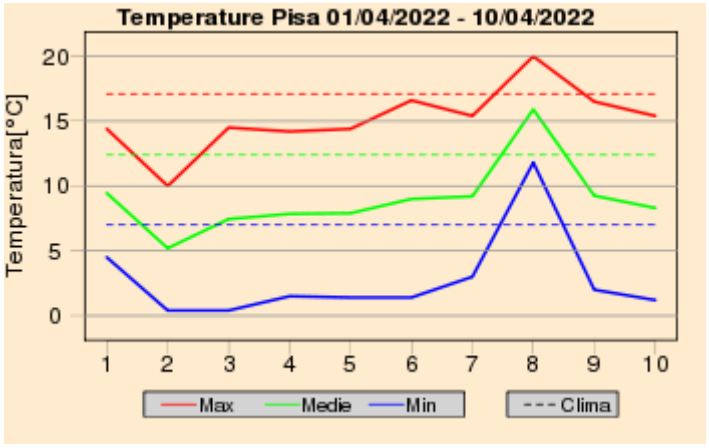


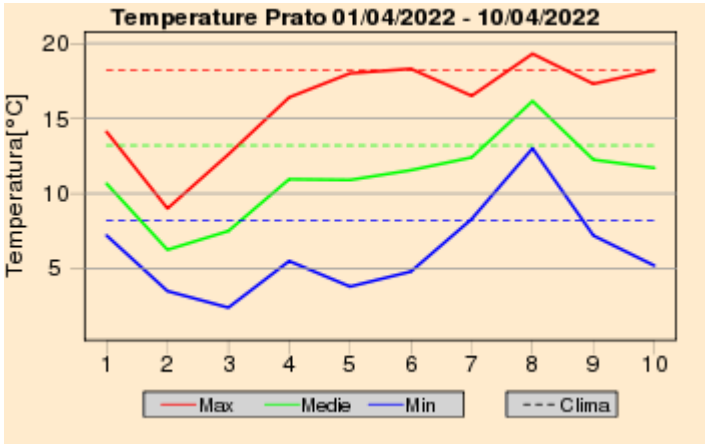


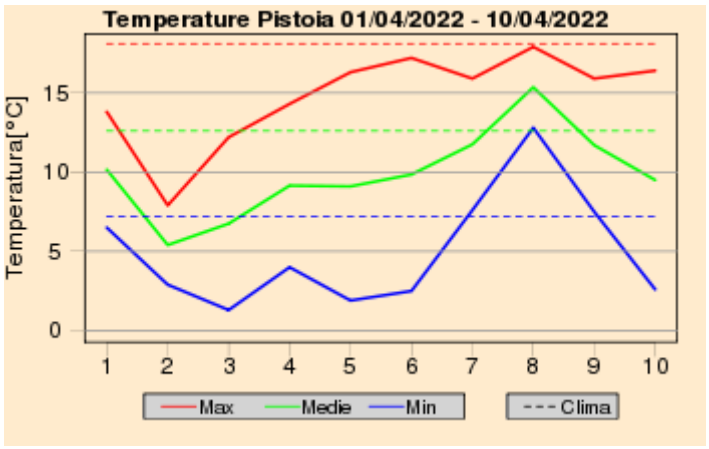


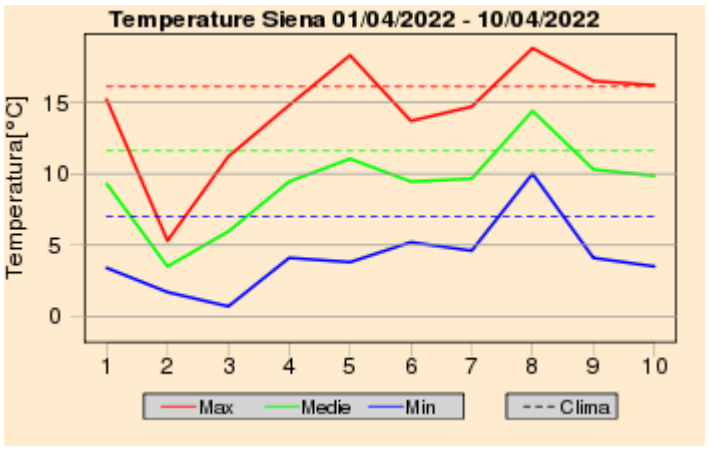




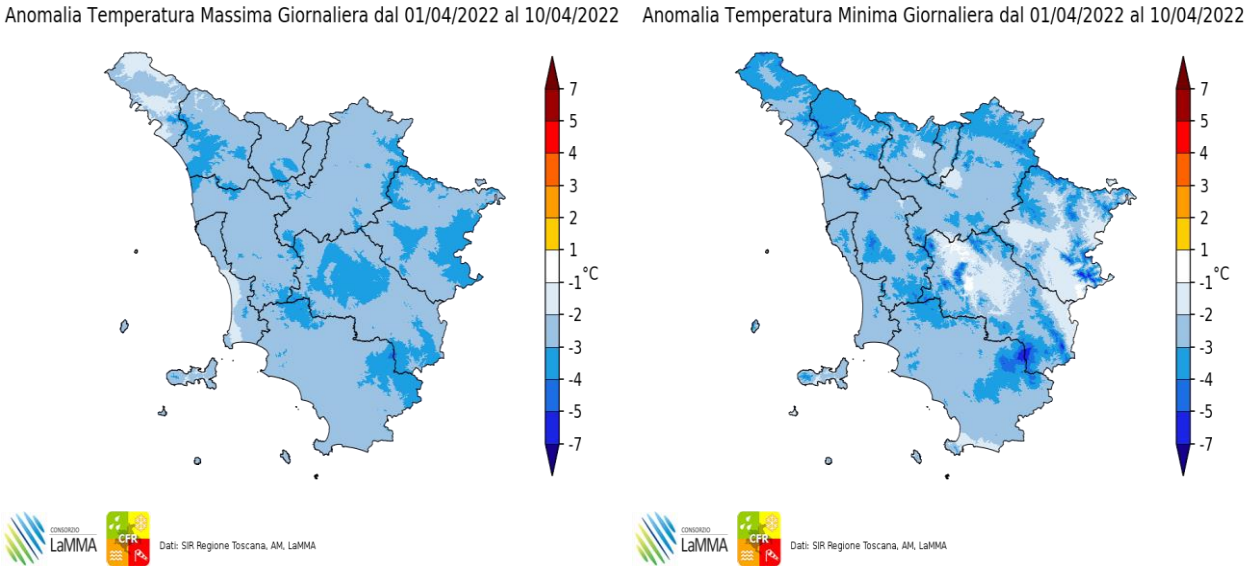








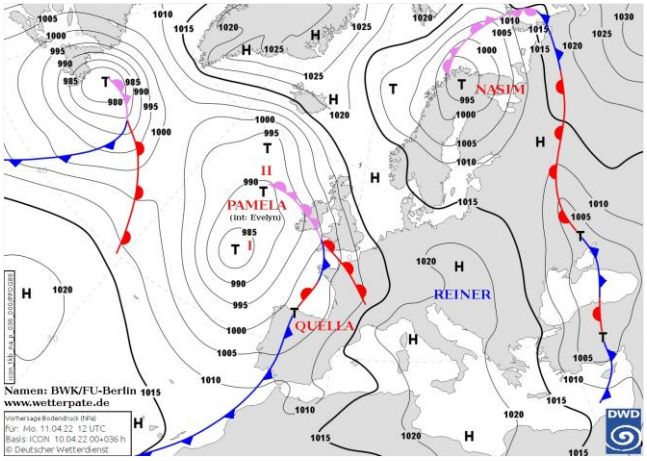
Quadro regionale – Anomalie termiche



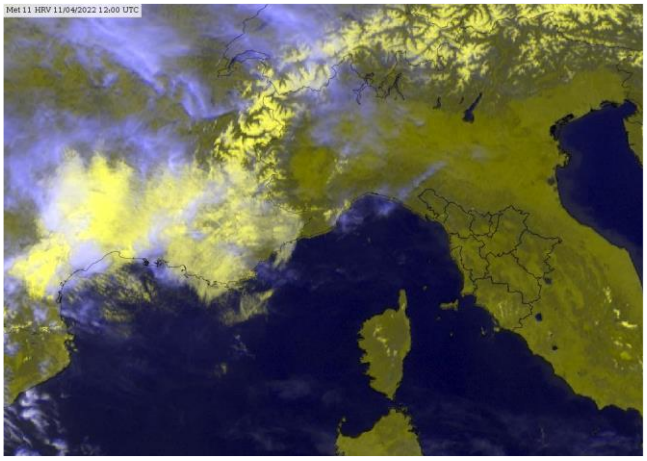
Anomalia termica decadale per le temperature massime e minime giornaliere

Lunedi' 11 Aprile 2022

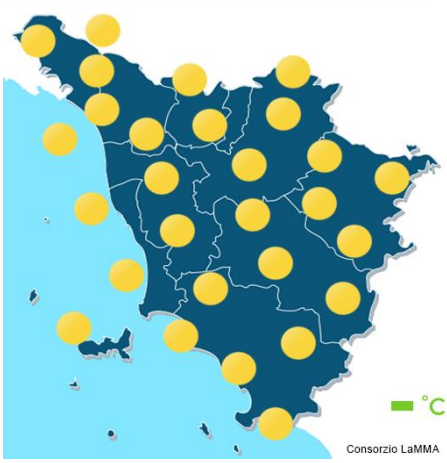
Situazione: alta pressione sul Mediterraneo centrale e orientale, vasta saccatura sull'Europa occidentale in movimento verso est.



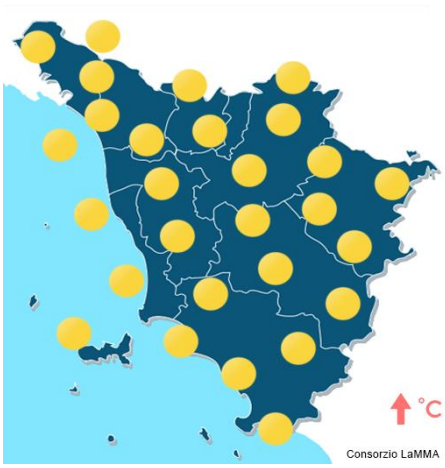
Pressione al suolo e fronti del 11 Aprile alle 12 UTC


Meteosat HRV del 11 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno.

Fenomeni: nessuno.

Venti: deboli meridionali, in rinforzo da sud-est sull'Arcipelago e sulla costa meridionale.

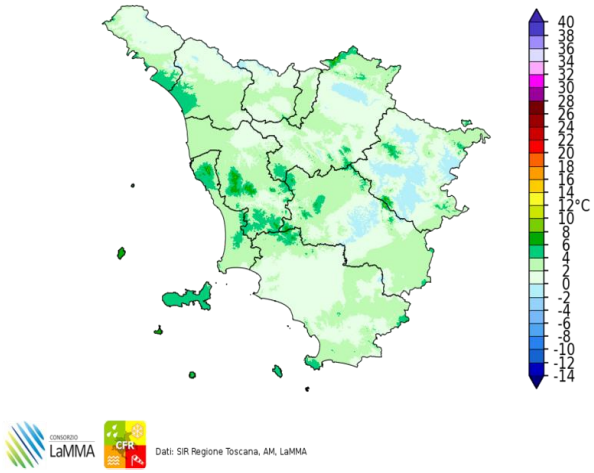
Mari: poco mossi, tendenti a mossi al largo.

Temperature: minime in calo, massime in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	-1	1	1	7	3	5	1	2	4	5
	anomalia*	-5	-6	-5	-3	-5	-4	-6	-6	-4	-2
T. max	osservata	18	20	18	17	19	16	17	18	20	17
	anomalia*	1	2	0	0	1	-2	0	0	1	1
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

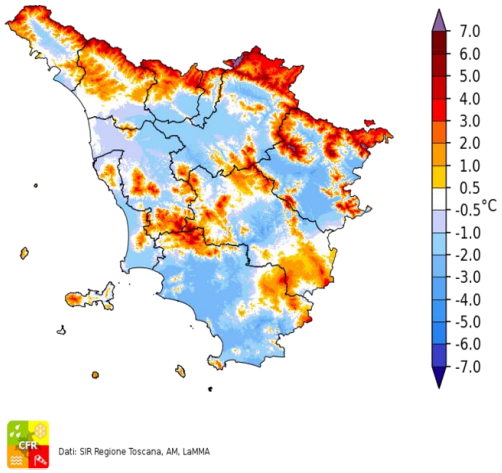
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 11/04/2022



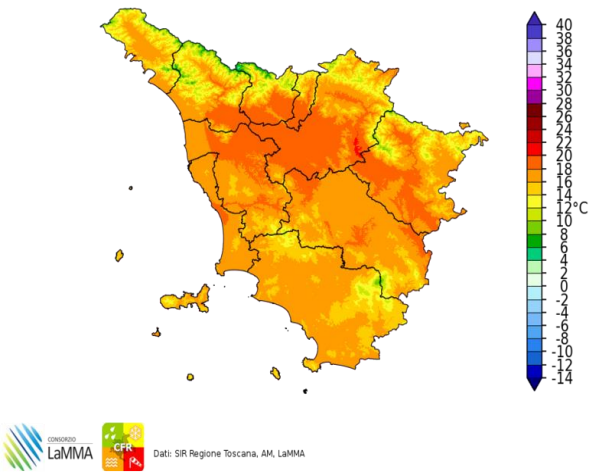
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 11/04/2022 e 10/04/2022



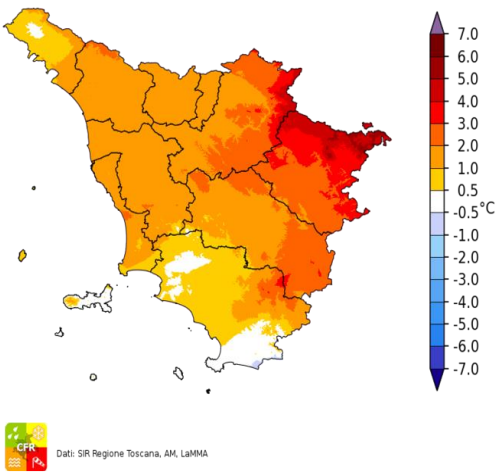
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 11/04/2022



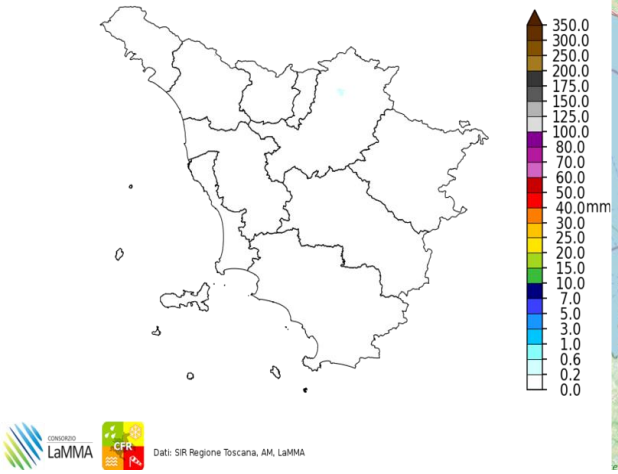
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 11/04/2022 e 10/04/2022



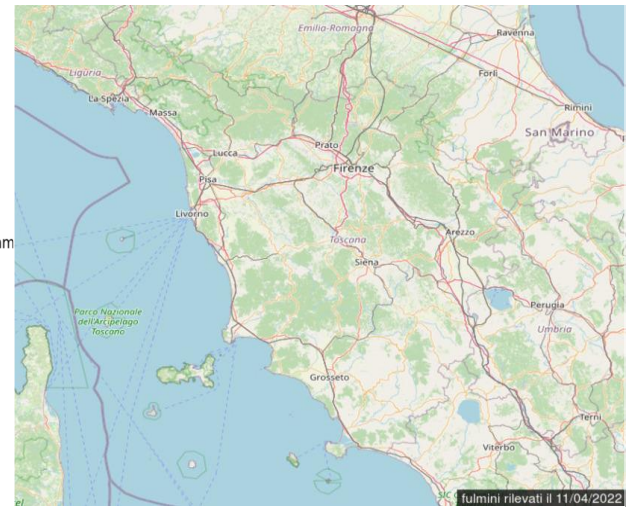
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 11/04/2022



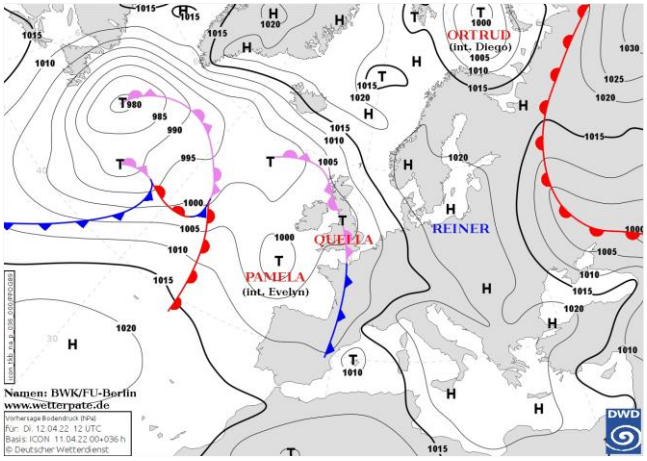
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 11 Aprile

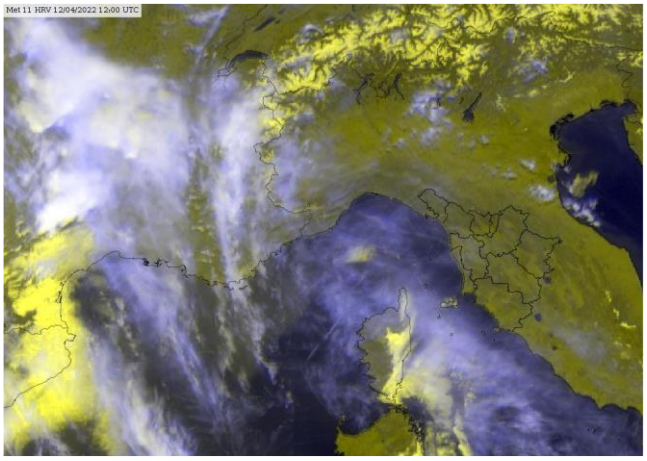


Martedi' 12 Aprile 2022

Situazione: alta pressione sul Mediterraneo centrale con due saccature ai lati (configurazione a omega).

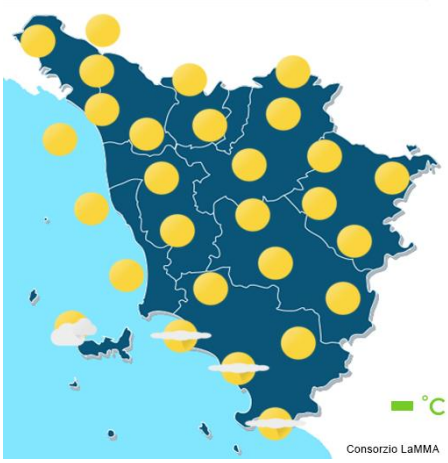


Pressione al suolo e fronti del 12 Aprile alle 12 UTC



Meteosat HRV del 12 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno salvo locali velature in particolare lungo la costa.

Fenomeni: nessuno.

Venti: moderati di Scirocco sull'Arcipelago e la costa centro-meridionale, deboli altrove.

Mari: mossi, specialmente al largo. Dal pomeriggio-sera mossi ovunque.

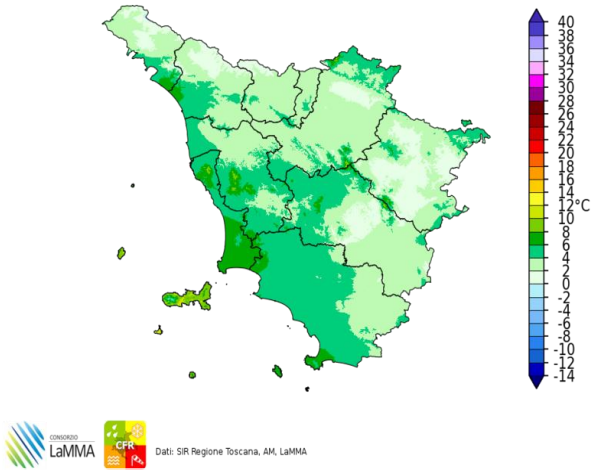
Temperature: in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	1	3	4	9	4	6	3	3	5	6
	anomalia*	-4	-4	-2	-1	-4	-3	-5	-4	-3	-1
T. max	osservata	19	21	18	16	20	16	19	20	21	18
	anomalia*	2	3	0	0	2	-2	2	2	3	2
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

*anomalia calcolata sulla base della normale climatica decadale 1981-2010

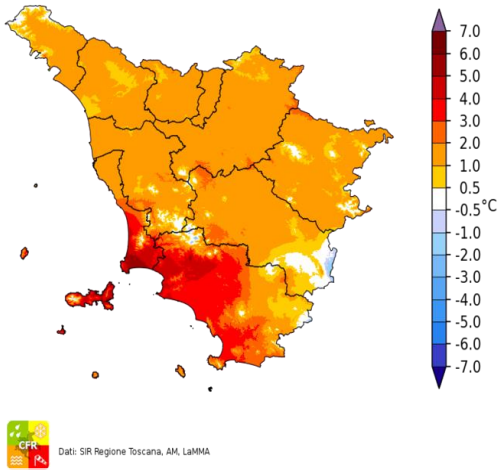
Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 12/04/2022



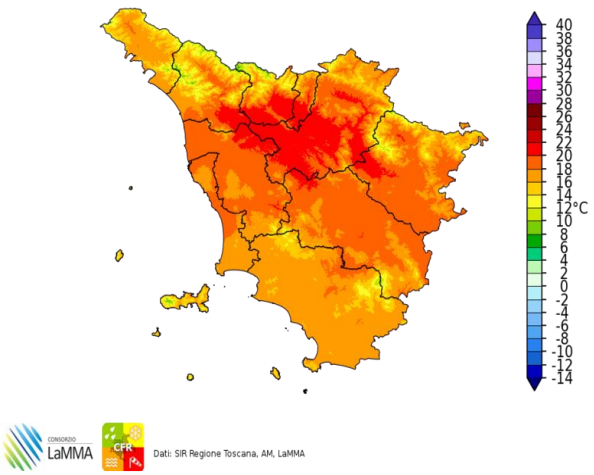
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 12/04/2022 e 11/04/2022



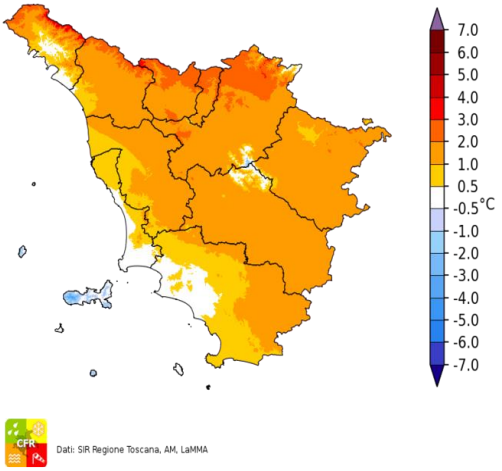
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 12/04/2022



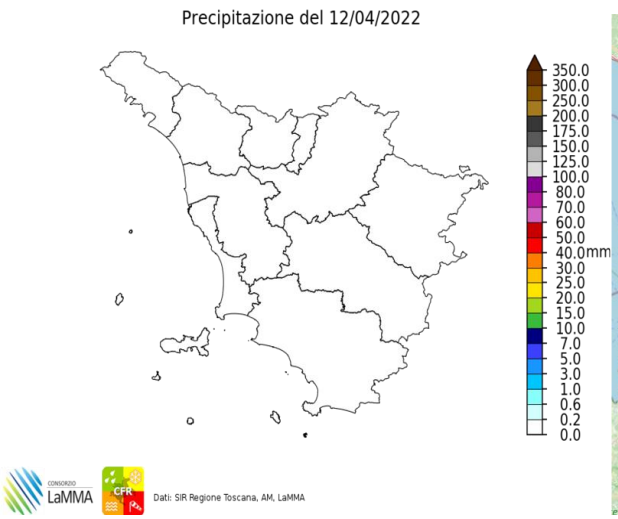
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 12/04/2022 e 11/04/2022



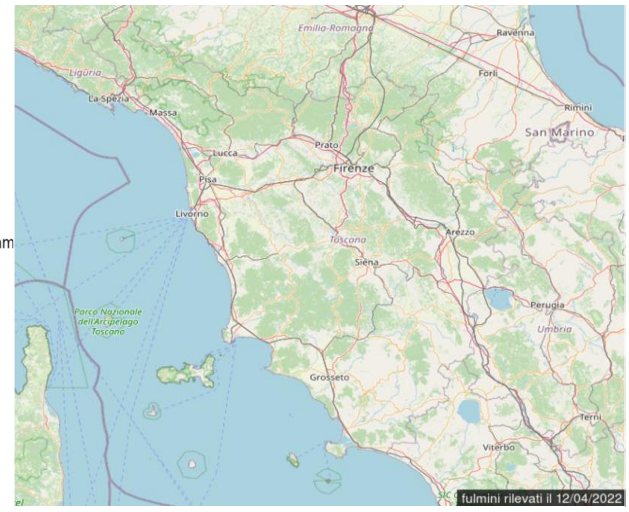
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 12/04/2022



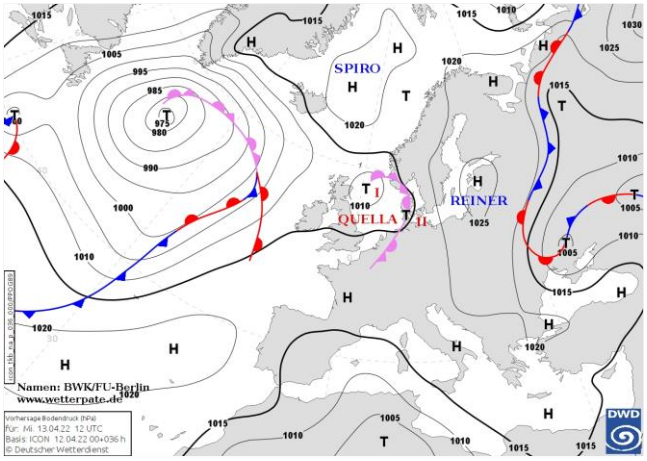
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 12 Aprile

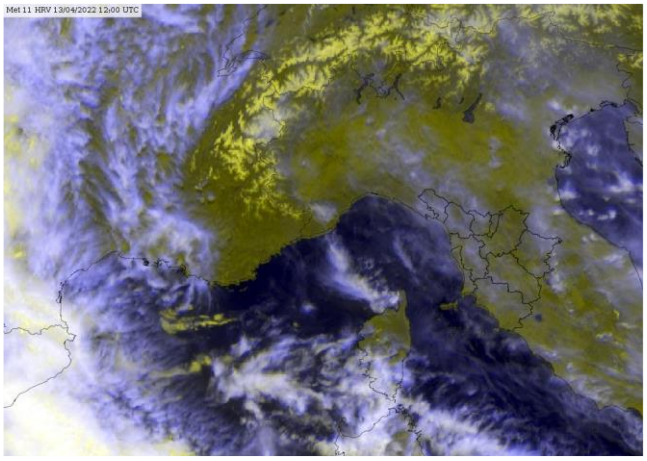


Mercoledi' 13 Aprile 2022

Situazione: configurazione a omega caratterizzata da un campo di alta pressione sul mediterraneo centrale e da due depressioni ai suoi lati, una sulla Penisola Iberica, che determina l'afflusso di aria mite sulla nostra penisola, in particolare sui versanti tirrenici, e l'altra sulla Turchia.



Pressione al suolo e fronti del 13 Aprile alle 12 UTC


Meteosat HRV del 13 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: velato con nuvolosità temporaneamente più consistente tra la seconda parte del pomeriggio e la prima parte della sera.

Fenomeni: nessuno.

Venti: deboli orientali.

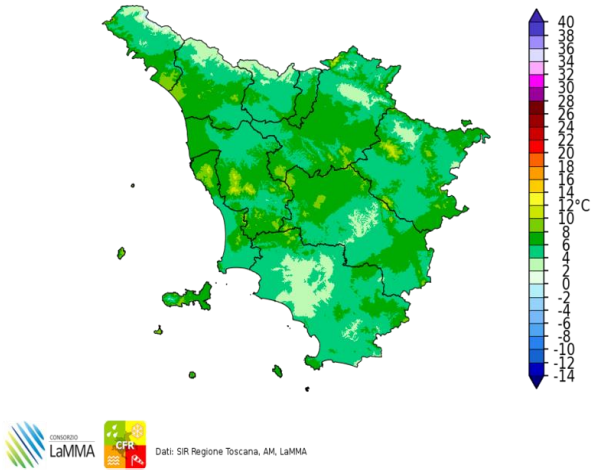
Mari: poco mossi o localmente mossi al largo i settori meridionali.

Temperature: in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	5	6	4	11	6	8	5	5	8	9
	anomalia*	0	-2	-2	1	-2	0	-2	-2	0	2
T. max	osservata	24	25	20	20	24	21	22	24	25	22
	anomalia*	7	7	2	3	6	3	5	5	7	6
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

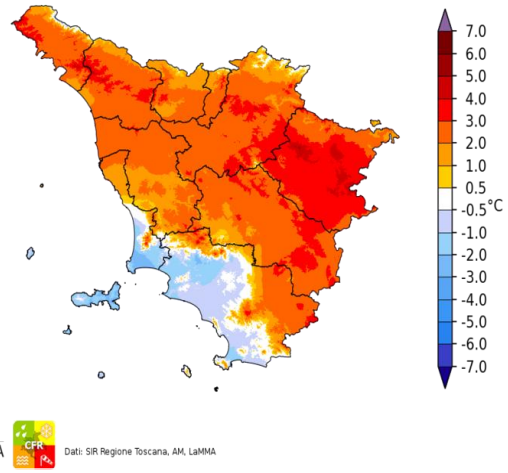
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 13/04/2022



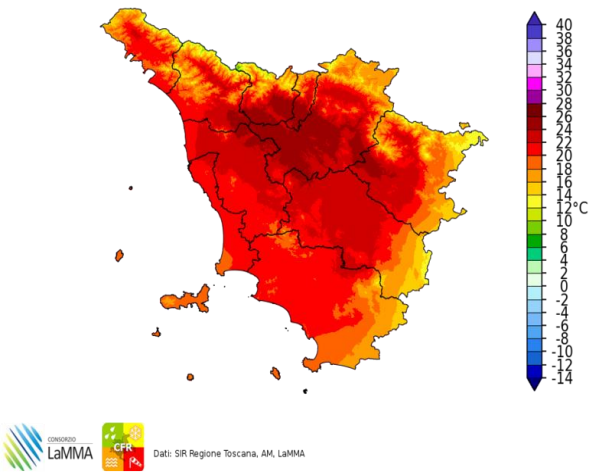
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 13/04/2022 e 12/04/2022



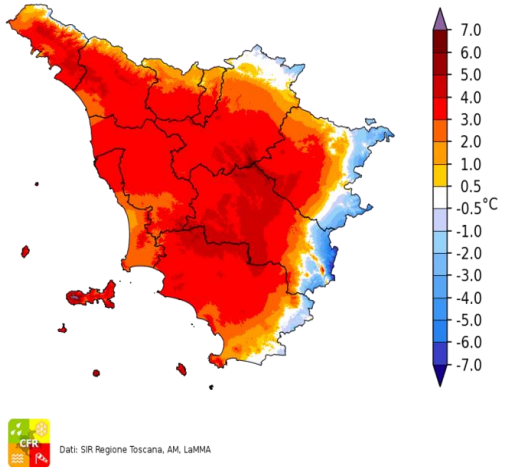
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 13/04/2022



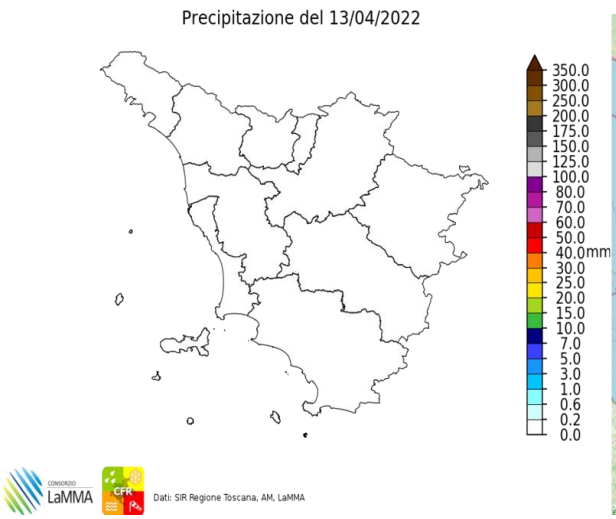
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 13/04/2022 e 12/04/2022



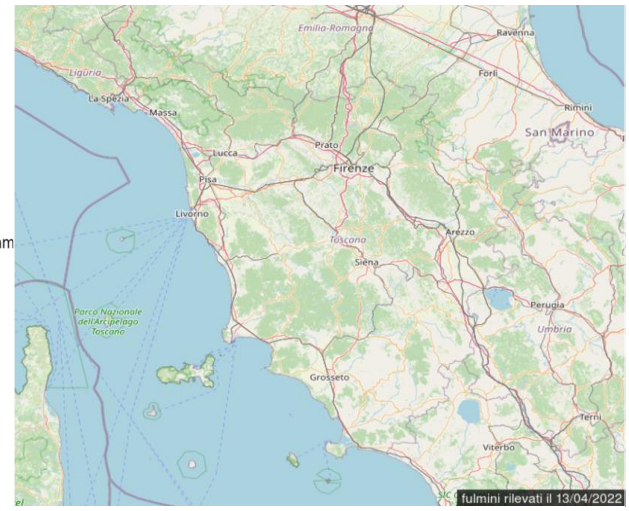
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 13/04/2022



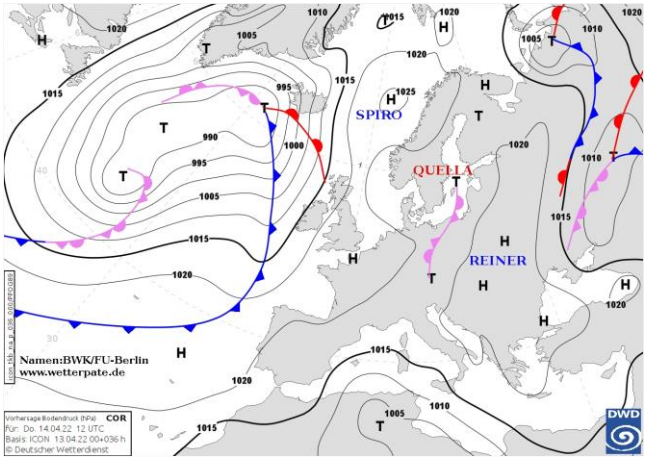
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 13 Aprile

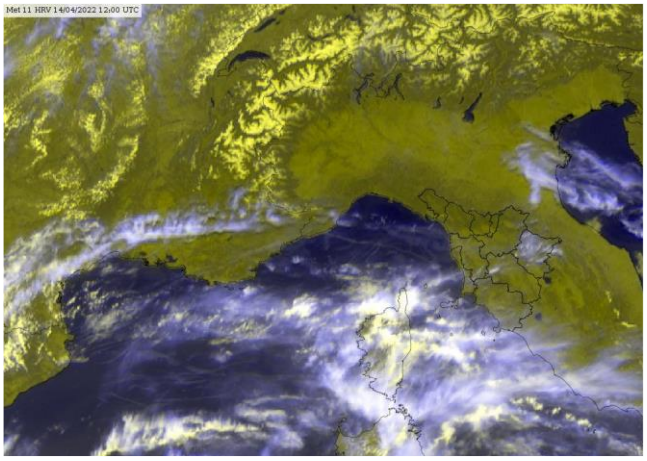


Giovedi' 14 Aprile 2022

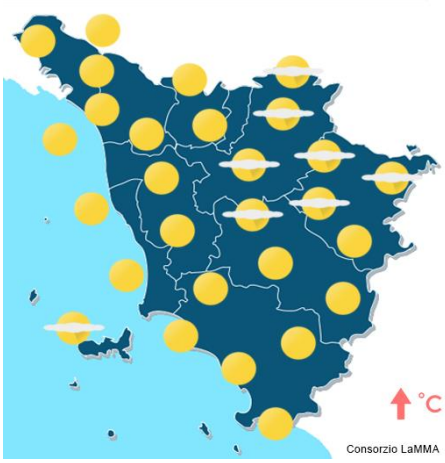
Situazione: Alta pressione con flusso caldo e umido.



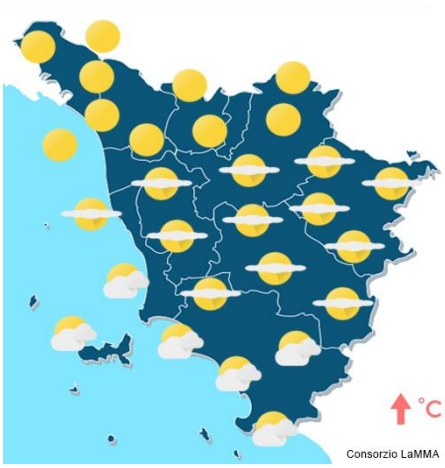
Pressione al suolo e fronti del 14 Aprile alle 12 UTC


Meteosat HRV del 14 Aprile alle 12 UTC

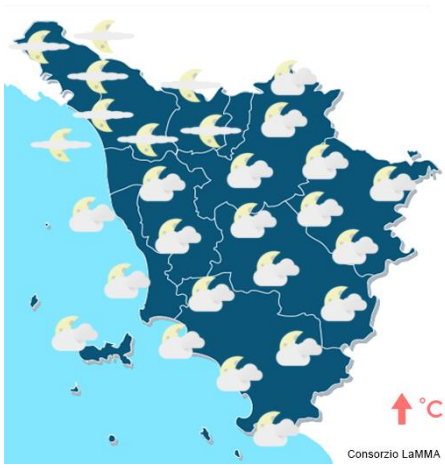
situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso.

Fenomeni: nessuno.

Venti: deboli orientali con componente di brezza lungo la costa.

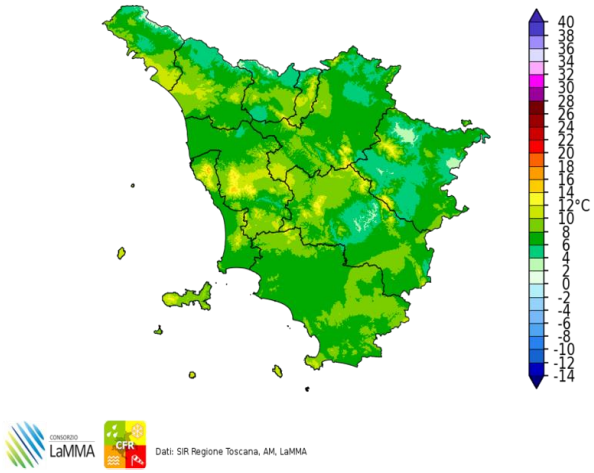
Mari: poco mossi sottocosta, localmente mossi al largo a sud dell'Elba.

Temperature: in sensibile aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	5	6	7	12	7	10	5	9	15	12
	anomalia*	0	-1	1	2	-1	1	-2	1	6	5
T. max	osservata	25	26	22	22	26	23	23	25	26	25
	anomalia*	8	8	4	6	8	5	6	7	7	9
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

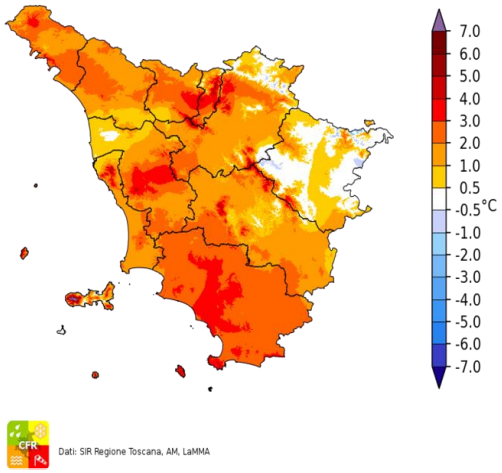
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 14/04/2022



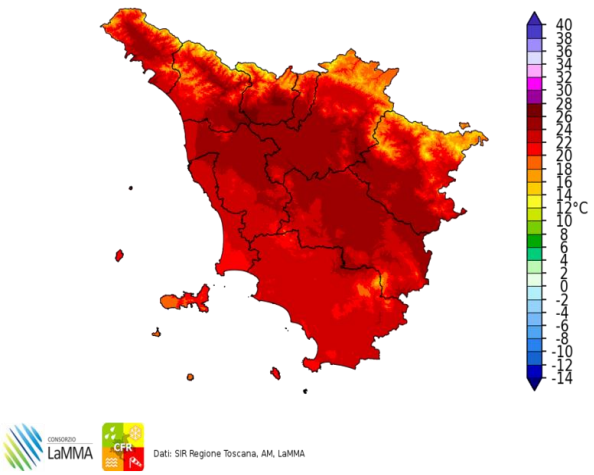
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 14/04/2022 e 13/04/2022



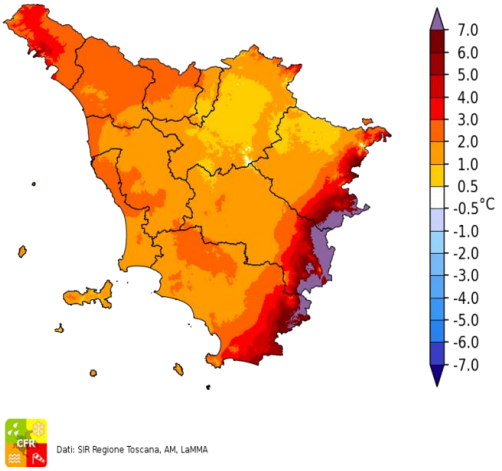
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 14/04/2022



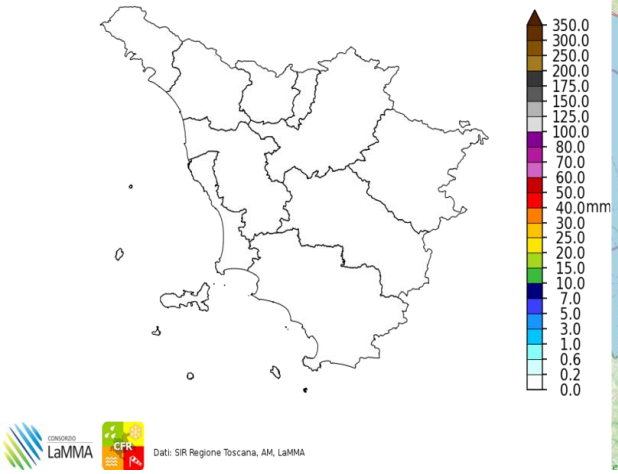
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 14/04/2022 e 13/04/2022



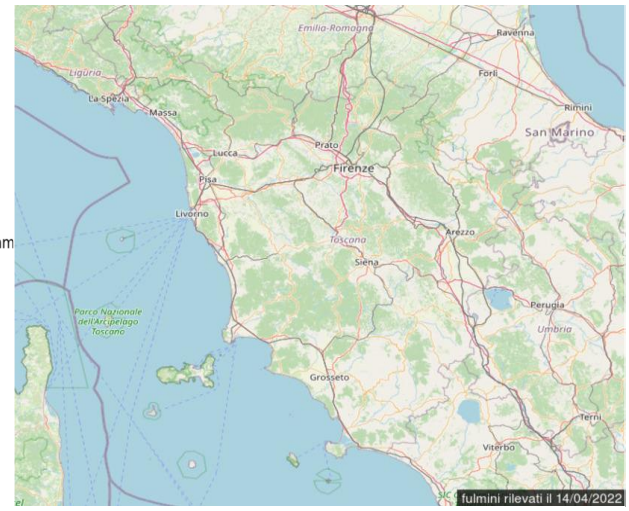
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 14/04/2022



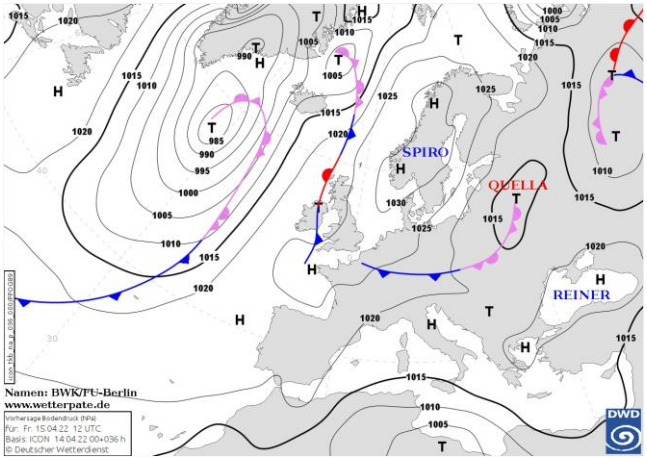
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 14 Aprile

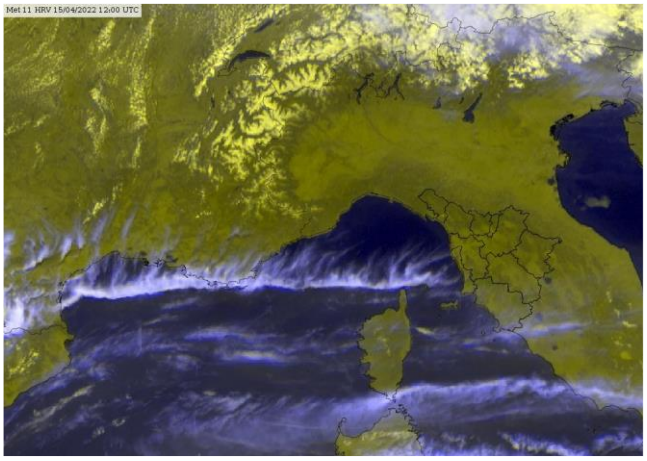


Venerdi' 15 Aprile 2022

Situazione: circolazione depressionaria al sud Italia che continua a richiamare sui versanti tirrenici correnti sciroccali molto miti.

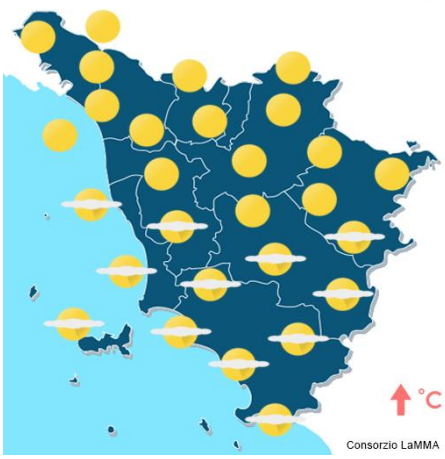


Pressione al suolo e fronti del 15 Aprile alle 12 UTC

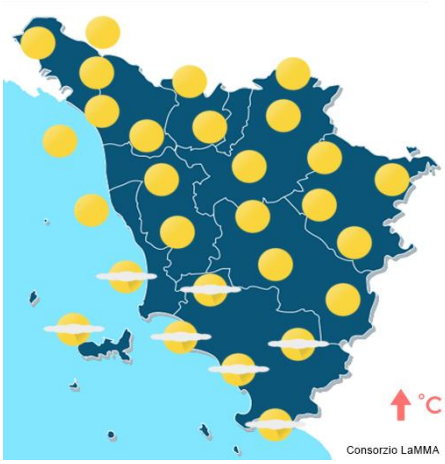


Meteosat HRV del 15 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno al centro-nord. Velato fino al primo pomeriggio al sud, poi sereno.

Fenomeni: nessuno.

Venti: deboli in prevalenza da nord est; fino a moderati di Maestrale sulla costa nel pomeriggio.

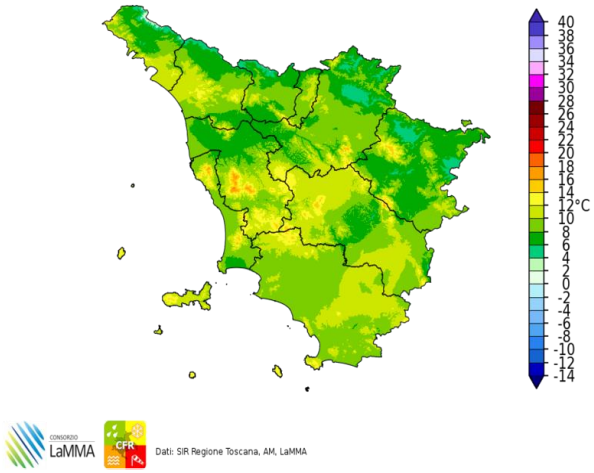
Mari: poco mossi, localmente mossi sull'Arcipelago meridionale.

Temperature: in ulteriore lieve aumento con valori fino a 27-29 gradi nelle pianure interne.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	6	7	7	13	8	11	5	8	12	12
	anomalia*	2	-1	1	3	0	2	-2	1	3	5
T. max	osservata	26	28	22	20	26	23	24	27	28	26
	anomalia*	9	10	4	3	8	5	7	9	10	10
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

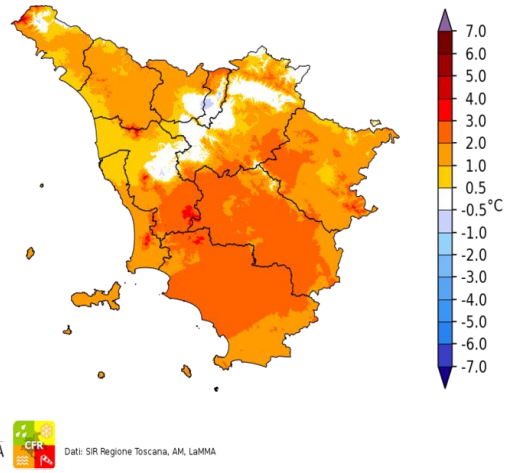
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 15/04/2022



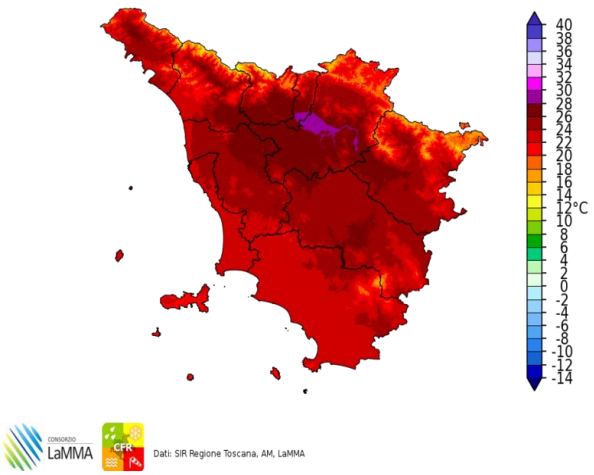
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 15/04/2022 e 14/04/2022



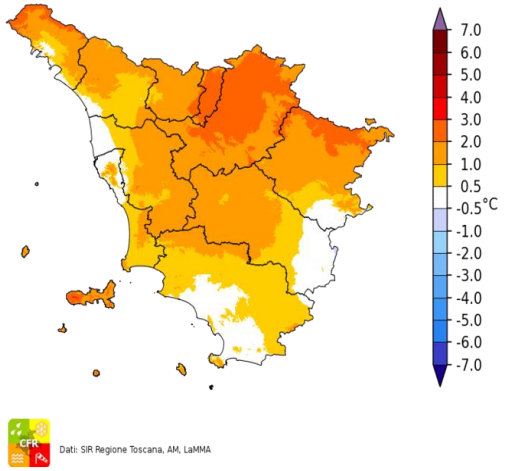
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 15/04/2022



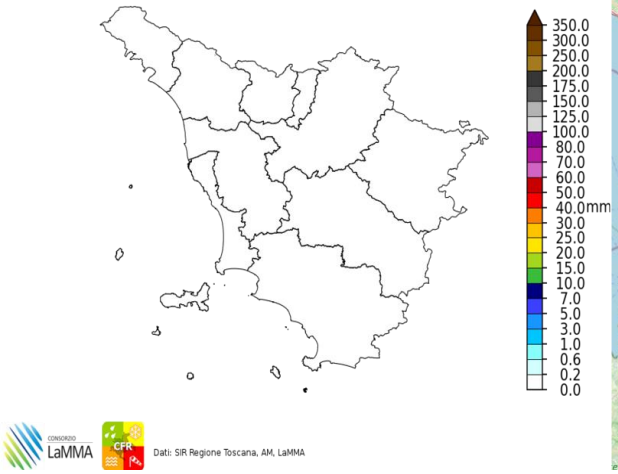
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 15/04/2022 e 14/04/2022



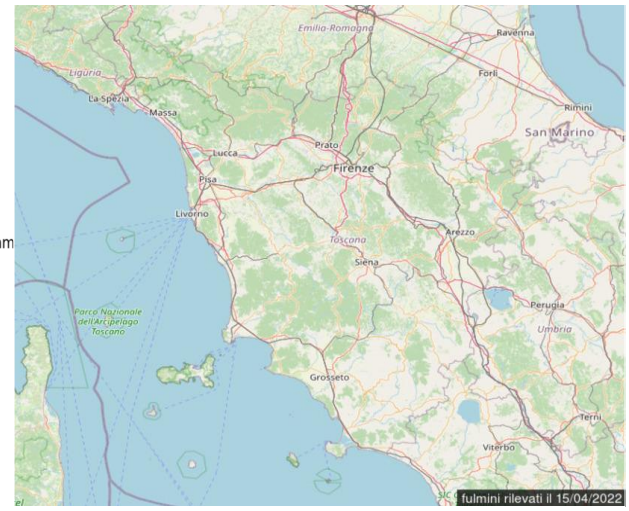
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 15/04/2022



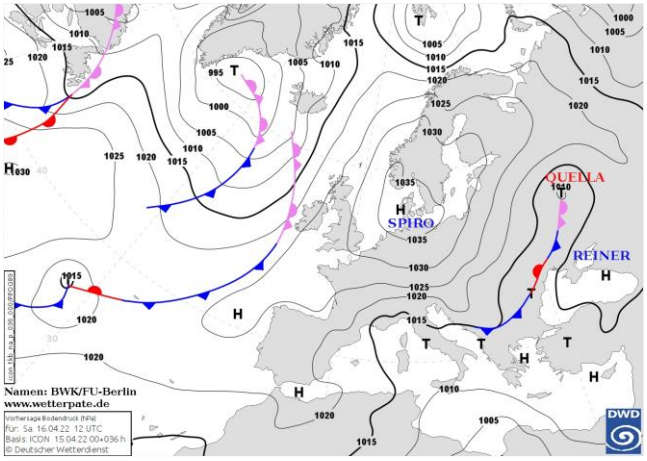
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 15 Aprile

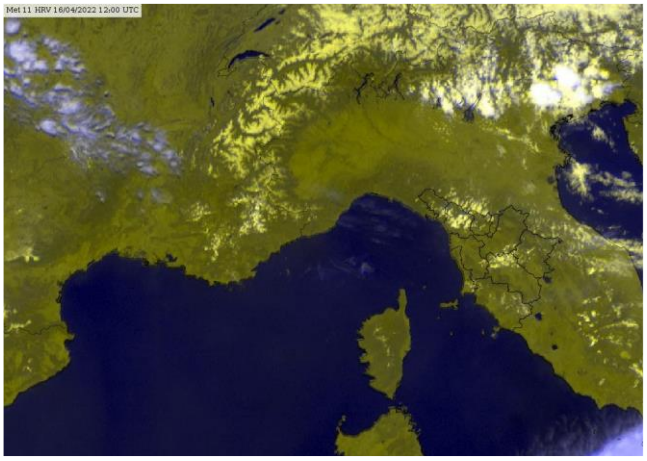


Sabato 16 Aprile 2022

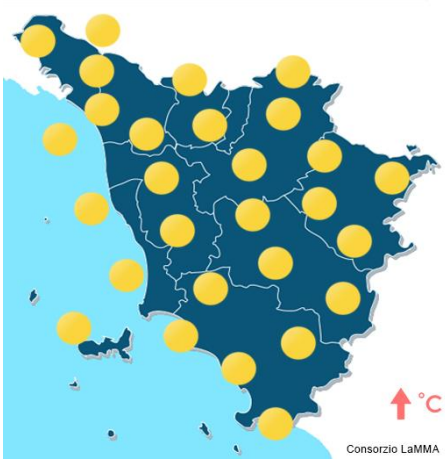
Situazione: transito di un nucleo di aria fredda in quota con aumento dell'instabilità, rinforzo del vento e temperature in calo.



Pressione al suolo e fronti del 16 Aprile alle 12 UTC


Meteosat HRV del 16 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso, aumento della nuvolosità nel pomeriggio.

Fenomeni: rovesci o brevi temporali sulle zone costiere nel pomeriggio.

Venti: deboli in mattinata, in rinforzo da nord-est nel pomeriggio fino a forti in serata.

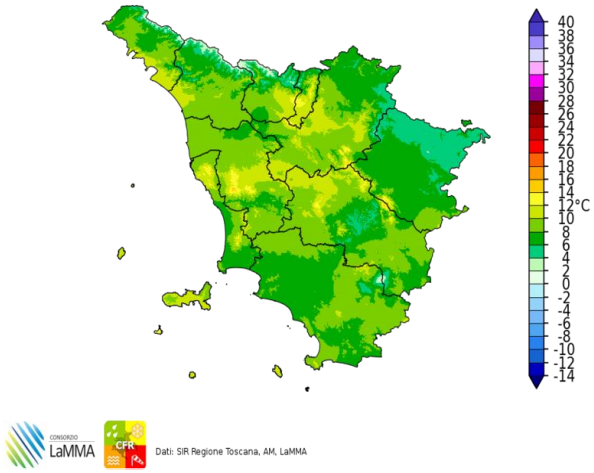
Mari: poco mossi, in aumento a mossi al largo dal pomeriggio.

Temperature: in lieve calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	6	9	7	13	9	12	6	10	14	11
	anomalia*	2	1	1	3	1	3	-1	2	6	4
T. max	osservata	24	25	27	25	26	25	25	24	25	24
	anomalia*	8	7	9	8	8	7	8	6	6	8
Precipitazione (mm/24ore)		0	0	0	0	0	0	N.D.	0	0	0

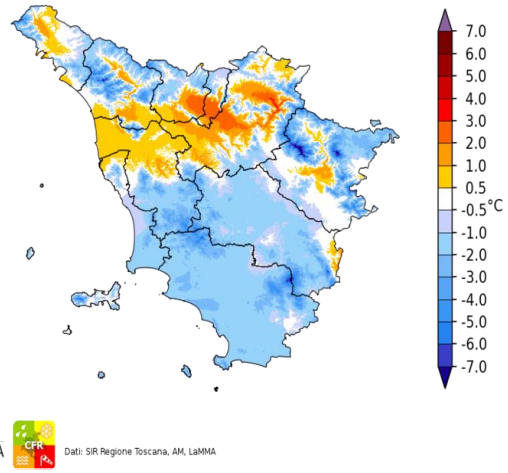
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 16/04/2022



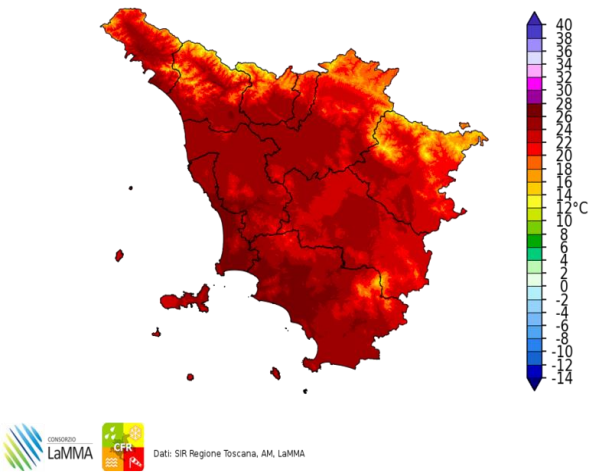
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 16/04/2022 e 15/04/2022



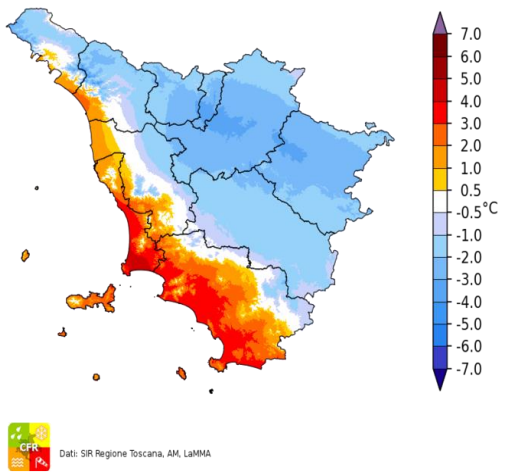
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 16/04/2022



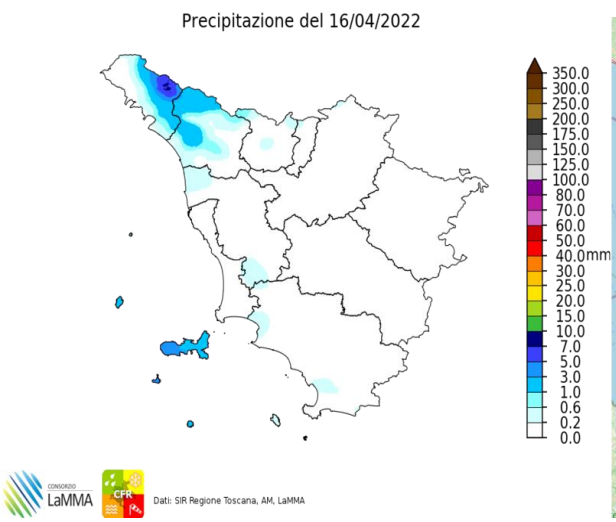
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 16/04/2022 e 15/04/2022



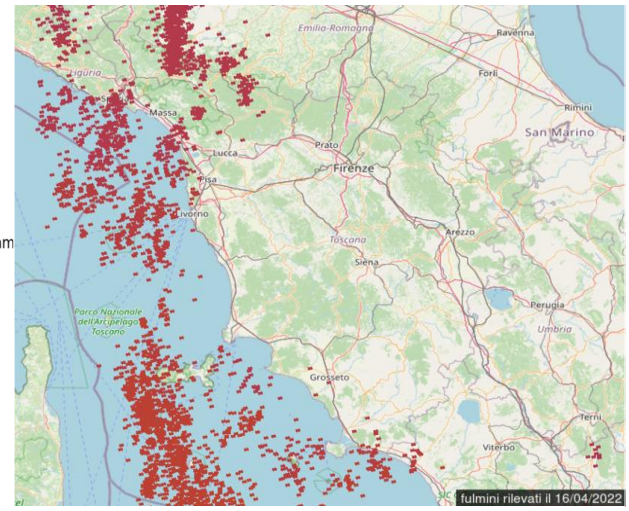
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 16/04/2022



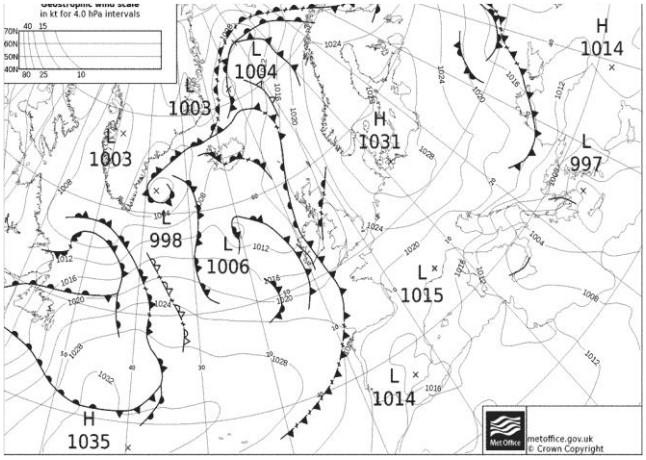
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 16 Aprile

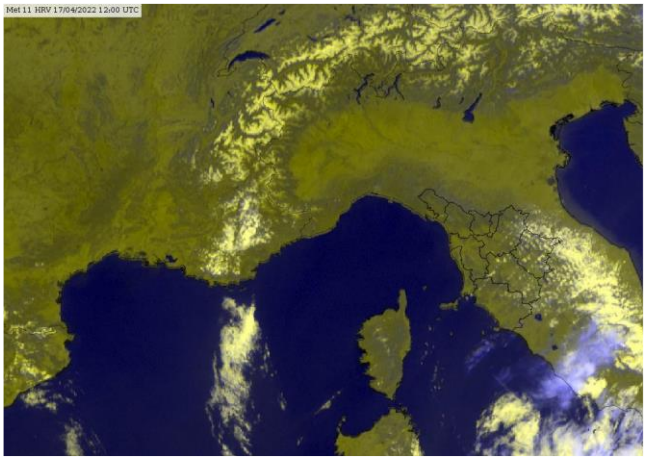


Domenica 17 Aprile 2022

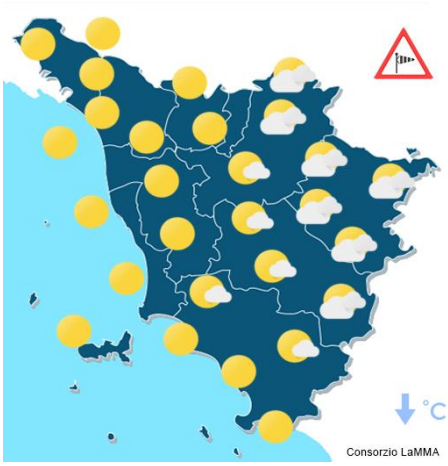
Situazione: alta pressione sulla Scandinavia ed afflusso di aria artica marittima sul Mediterraneo centrale.



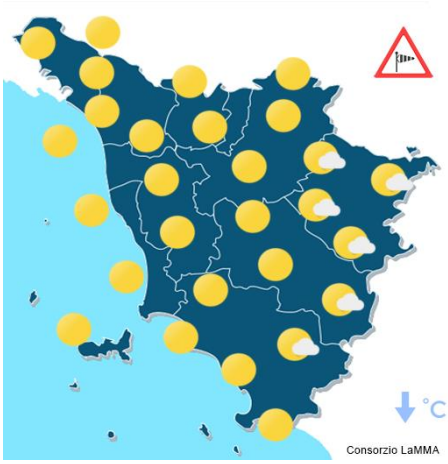
Pressione al suolo e fronti del 17 Aprile alle 12 UTC


Meteosat HRV del 17 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno, salvo residui annuvolamenti sui settori orientali della regione.

Fenomeni: nessuno.

Venti: moderati o forti da nord-est.

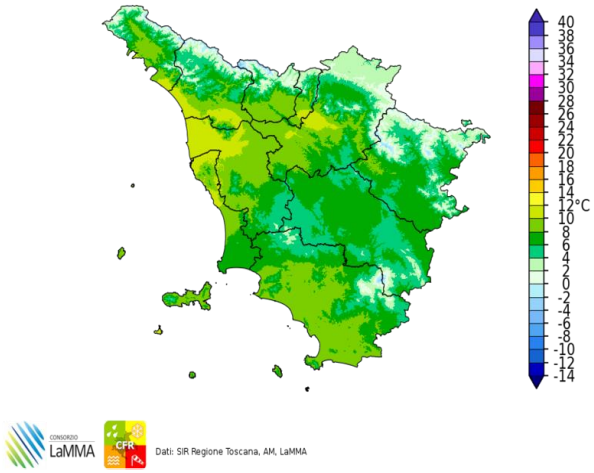
Mari: poco mossi sotto costa, mossi o molto mossi al largo.

Temperature: in netto calo, in particolare i valori massimi.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	7	9	7	12	10	11	7	11	10	7
	anomalia*	3	1	1	2	2	2	0	4	2	0
T. max	osservata	13	17	16	18	19	19	17	17	16	14
	anomalia*	-4	-2	-2	2	1	1	0	-2	-2	-2
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

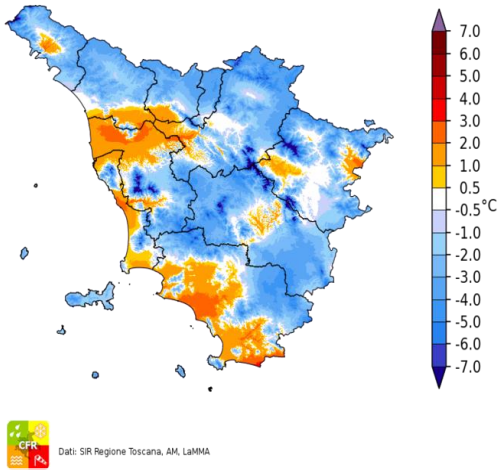
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 17/04/2022



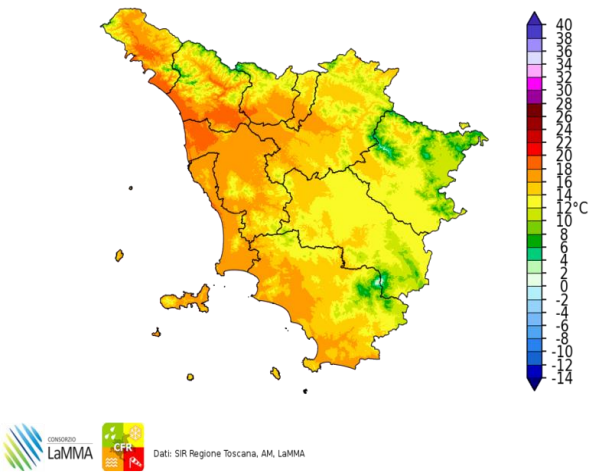
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 17/04/2022 e 16/04/2022



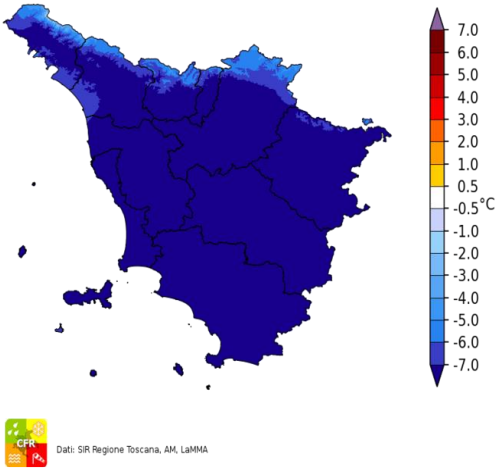
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 17/04/2022



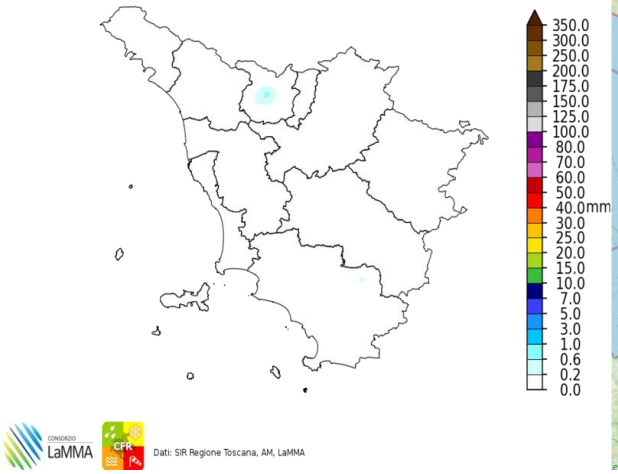
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 17/04/2022 e 16/04/2022



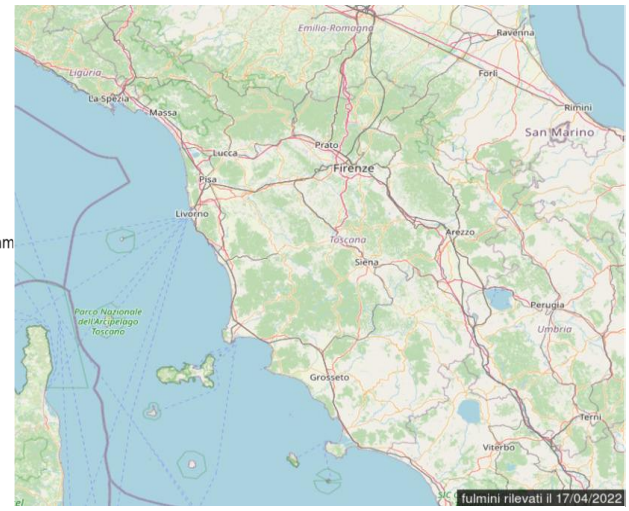
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 17/04/2022



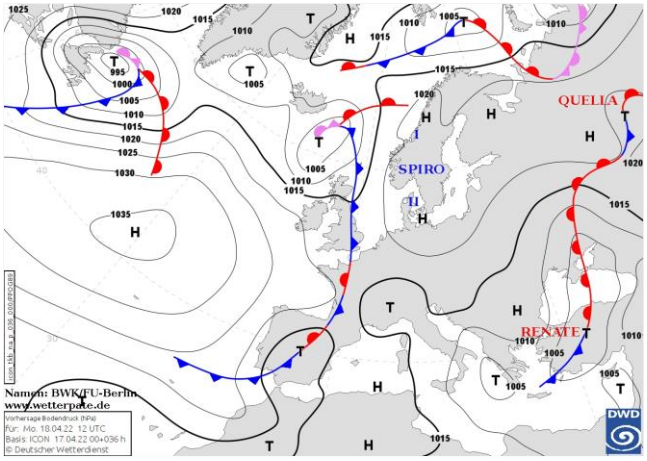
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 17 Aprile

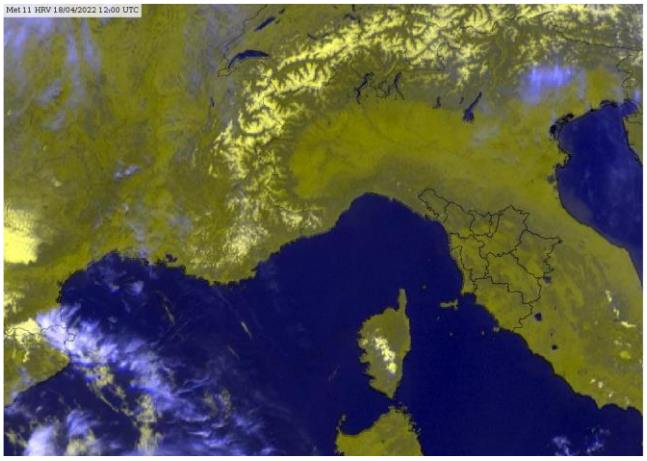


Lunedi' 18 Aprile 2022

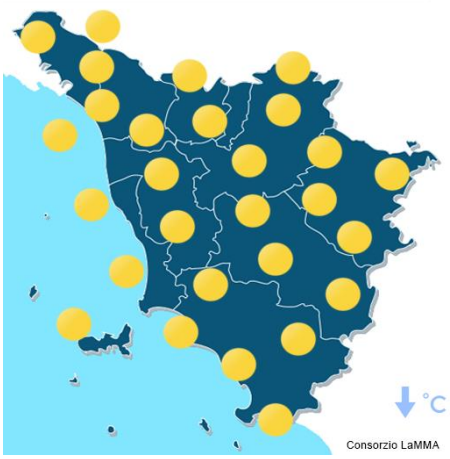
Situazione: alta pressione su gran parte dell'Europa, depressione sul Mediterraneo centro-orientale con flusso di correnti fredde sul centro-sud dell'Italia.



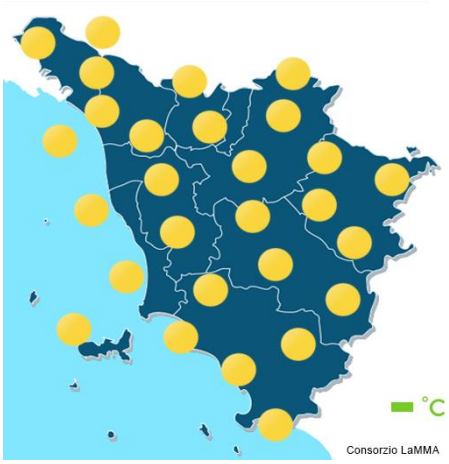
Pressione al suolo e fronti del 18 Aprile alle 12 UTC


Meteosat HRV del 18 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso.

Fenomeni: nessuno.

Venti: deboli da nord-est sulle zone interne, di brezza lungo la costa.

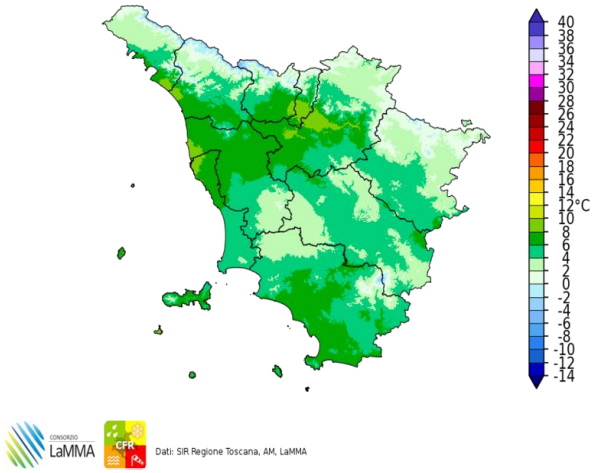
Mari: poco mossi sottocosta, localmente mossi a largo.

Temperature: minime in calo, massime in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	0	4	2	11	6	9	4	7	9	5
	anomalia*	-5	-3	-4	1	-2	0	-3	0	1	-2
T. max	osservata	18	20	20	16	20	16	18	19	21	20
	anomalia*	1	2	2	0	1	-2	1	1	2	4
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

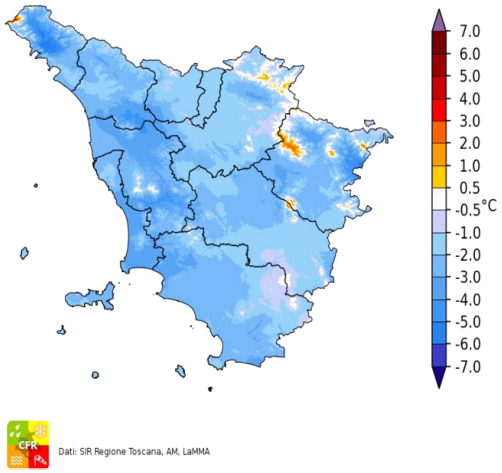
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 18/04/2022



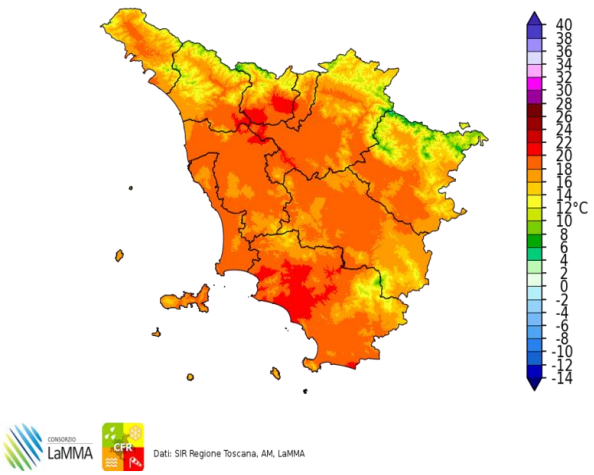
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 18/04/2022 e 17/04/2022



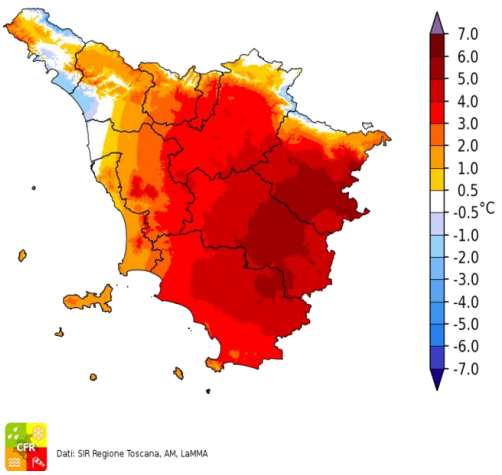
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 18/04/2022



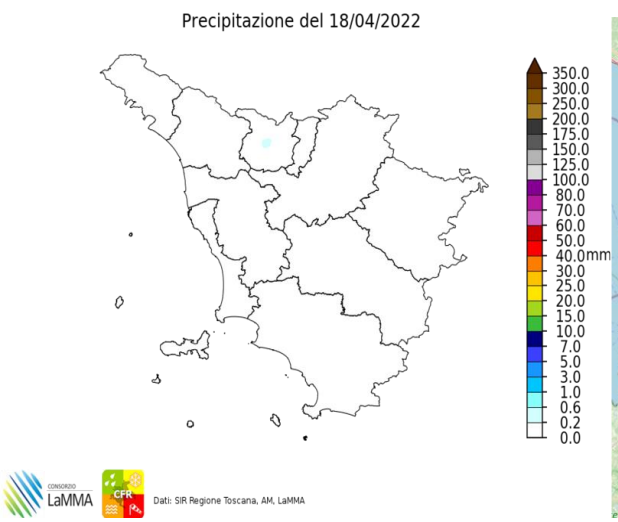
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 18/04/2022 e 17/04/2022



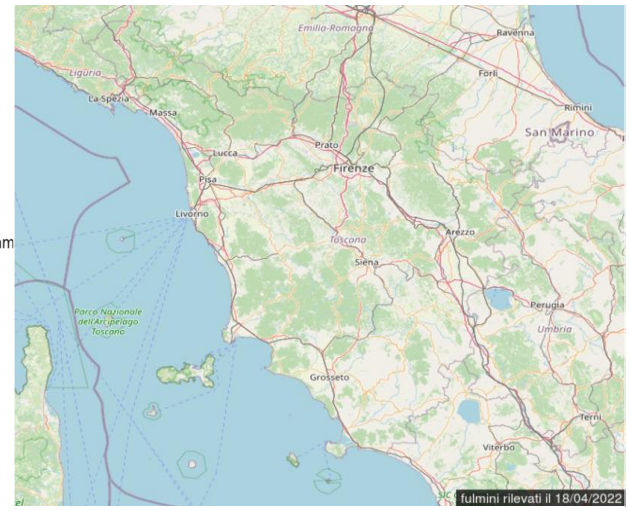
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 18/04/2022



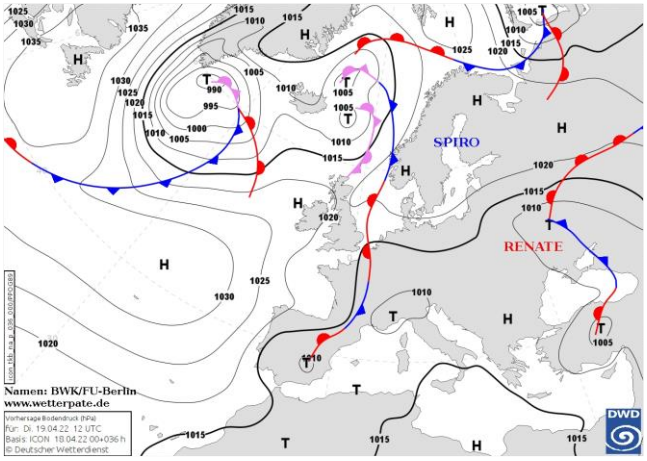
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 18 Aprile

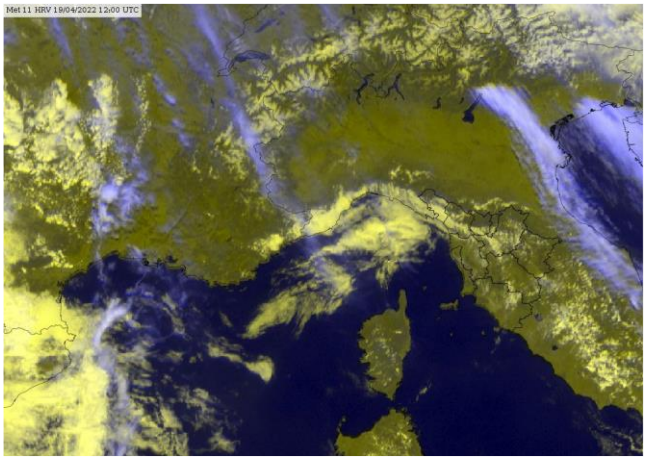


Martedi' 19 Aprile 2022

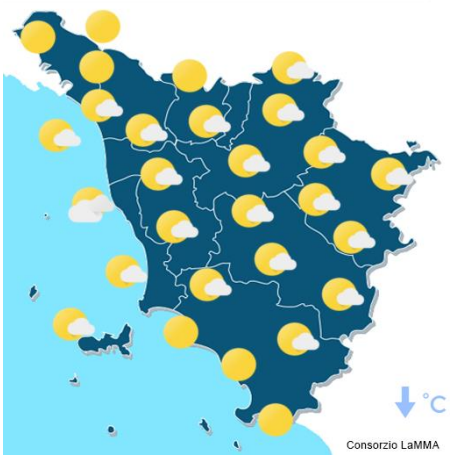
Situazione: un promontorio interciclonico interessa la nostra penisola garantendo prevalenti condizioni di tempo stabile.



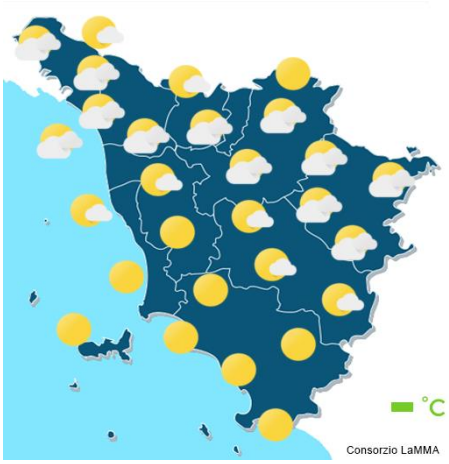
Pressione al suolo e fronti del 19 Aprile alle 12 UTC


Meteosat HRV del 19 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: fra poco nuvoloso e parzialmente nuvoloso.

Fenomeni: nessuno.

Venti: deboli meridionali, fino a moderati su rilievi, sull'Arcipelago e sulla costa centro-meridionale.

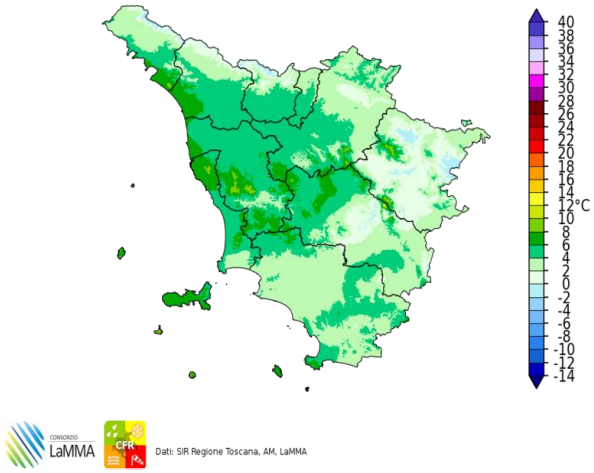
Mari: poco mossi, tendenti a mossi l largo sul finire della giornata.

Temperature: stazionarie.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	0	4	2	10	6	8	4	5	7	8
	anomalia*	-4	-3	-4	0	-2	-1	-3	-2	-1	1
T. max	osservata	20	20	19	17	19	16	18	18	20	20
	anomalia*	3	2	1	0	1	-2	1	0	1	4
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

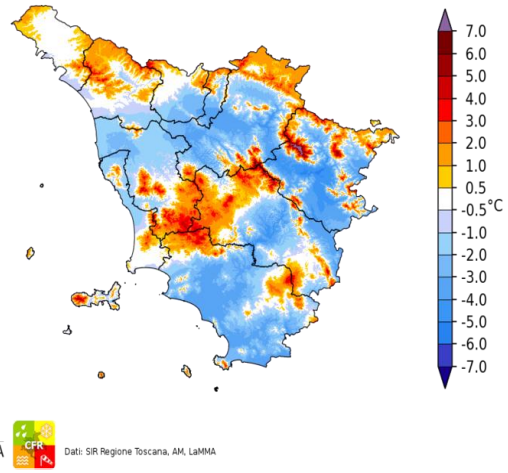
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 19/04/2022



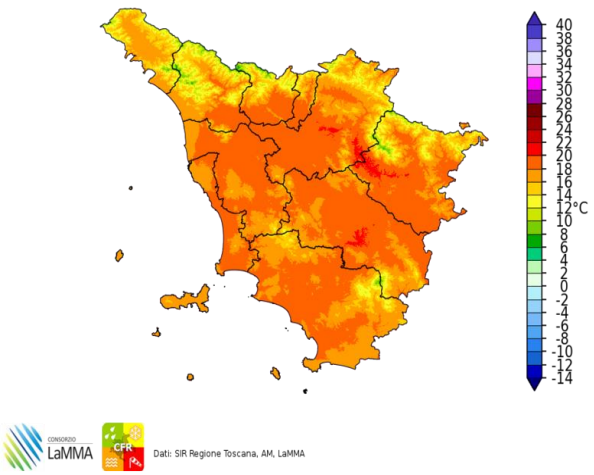
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 19/04/2022 e 18/04/2022



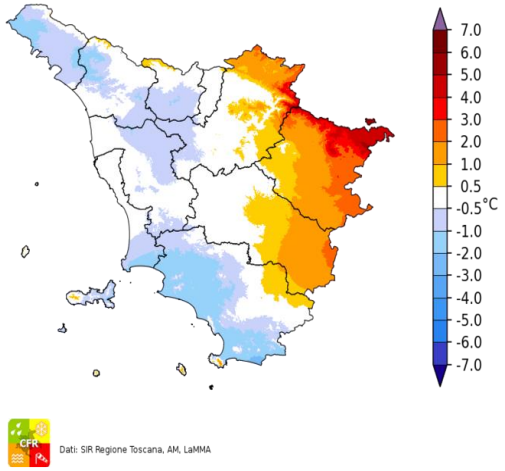
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 19/04/2022



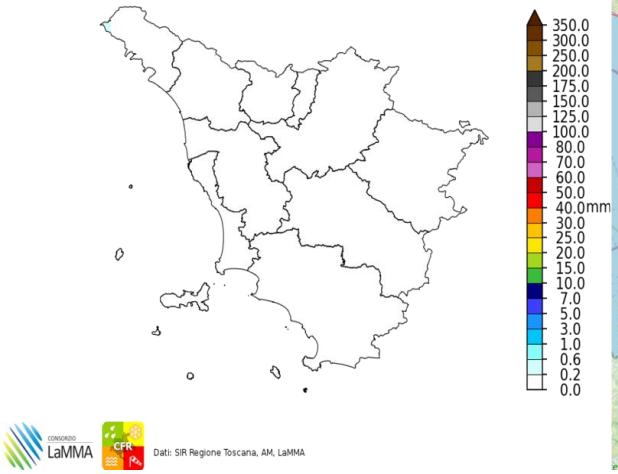
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 19/04/2022 e 18/04/2022



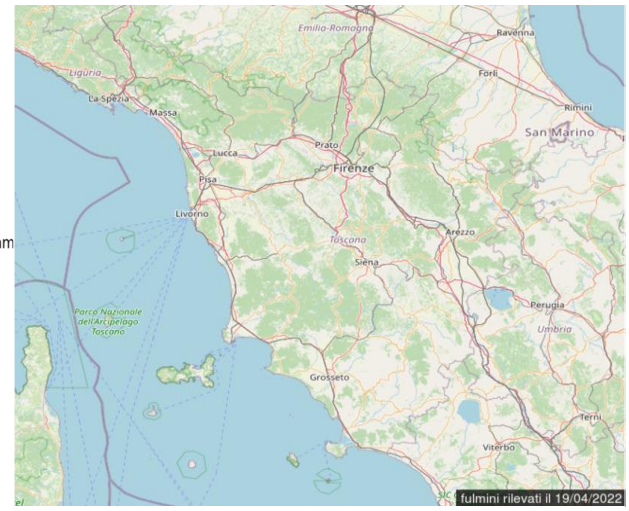
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 19/04/2022



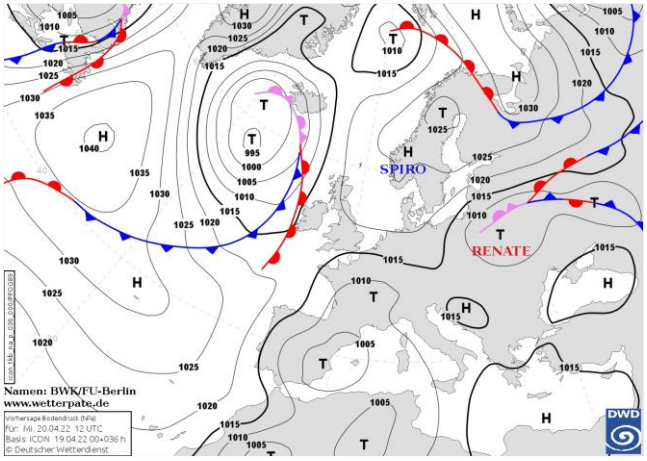
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 19 Aprile

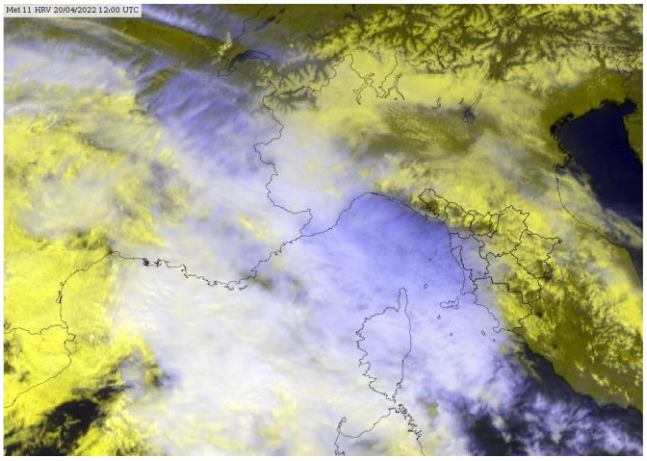


Mercoledi' 20 Aprile 2022

Situazione: un promontorio interciclonico interessa la nostra penisola garantendo prevalenti condizioni di tempo stabile, mentre una depressione sulle Baleari si avvicinerà al Mediterraneo centrale dalla sera.



Pressione al suolo e fronti del 20 Aprile alle 12 UTC


Meteosat HRV del 20 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: parzialmente nuvoloso o nuvoloso per nubi prevalentemente alte e stratificate con ulteriore aumento della nuvolosità in serata.

Fenomeni: deboli piogge in tarda sera, diffuse al sud, isolate altrove.

Venti: moderati da sud-est sulla costa e sull'Arcipelago. In prevalenza deboli orientali nell'interno.

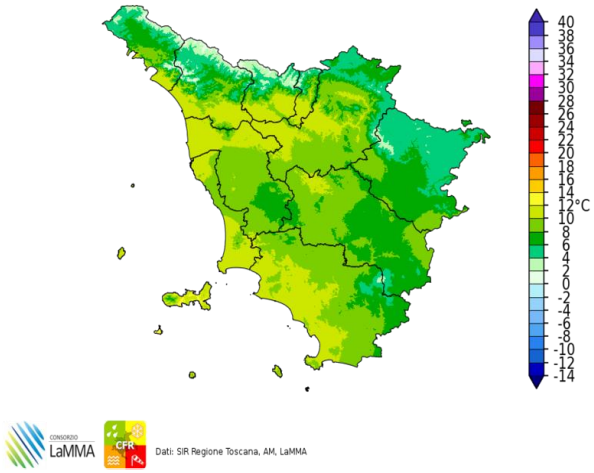
Mari: tra poco mossi e mossi.

Temperature: minime in deciso rialzo, massime stazionarie o in lieve calo nell'interno, in aumento sulla costa settentrionale.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	7	11	10	13	12	13	9	11	12	9
	anomalia*	2	4	3	3	4	4	2	3	3	2
T. max	osservata	18	20	19	17	20	19	19	19	20	17
	anomalia*	2	2	1	1	2	1	2	1	2	1
Precipitazione (mm/24ore)		0	0	3	0	1	2	0	0	0	1

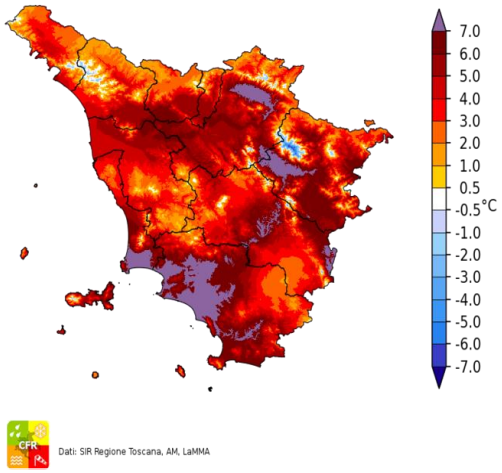
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 20/04/2022



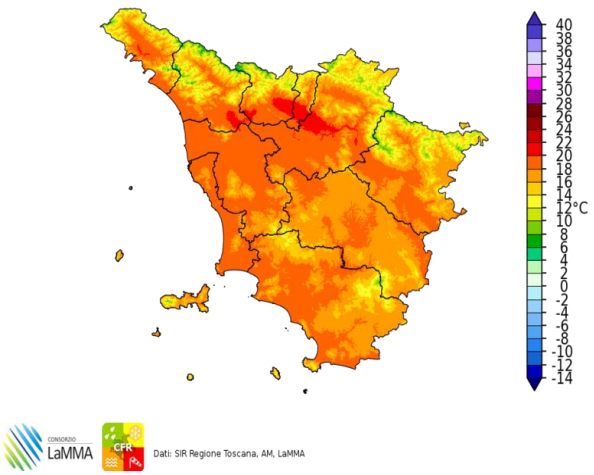
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 20/04/2022 e 19/04/2022



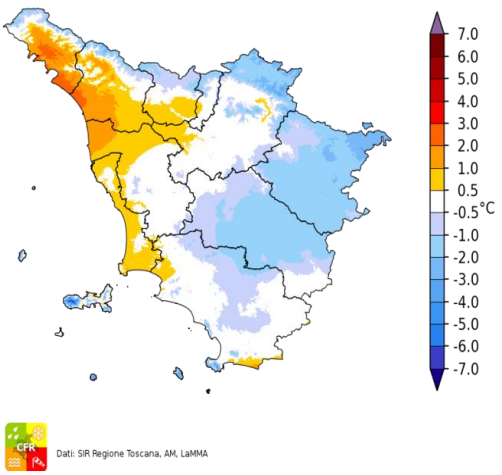
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 20/04/2022



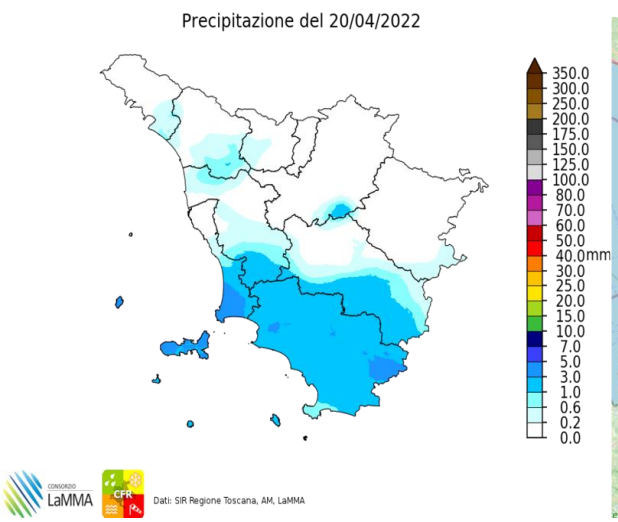
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 20/04/2022 e 19/04/2022



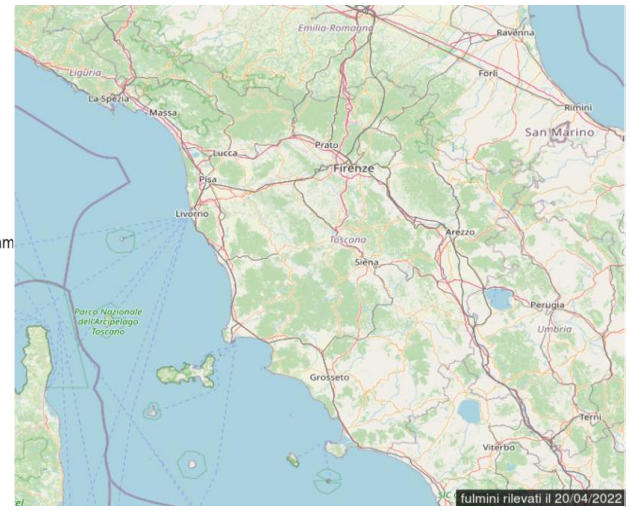
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 20/04/2022



Dati: SIR Regione Toscana, AM, LaMMA

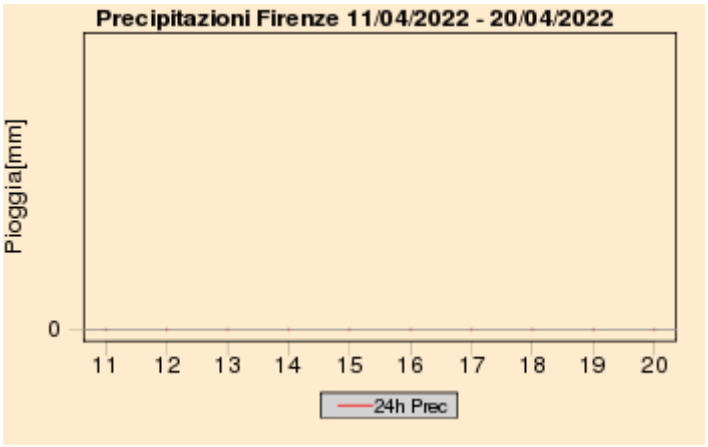
Fulminazioni osservate il giorno 20 Aprile

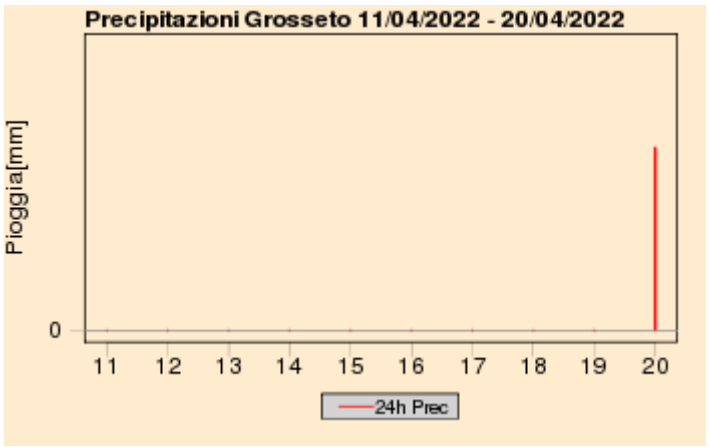


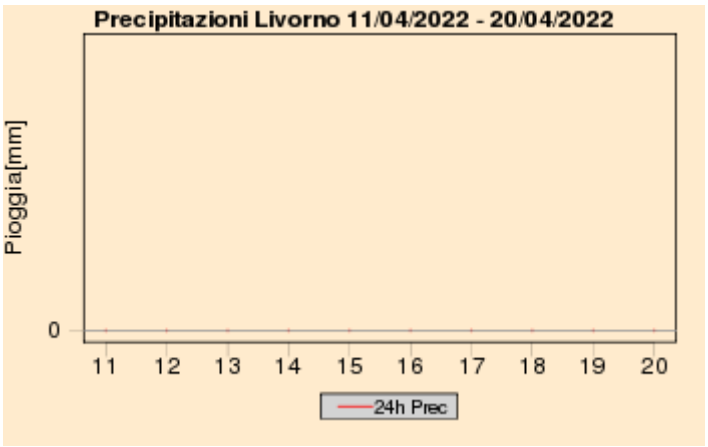
II decade - Quadro regionale – Precipitazioni

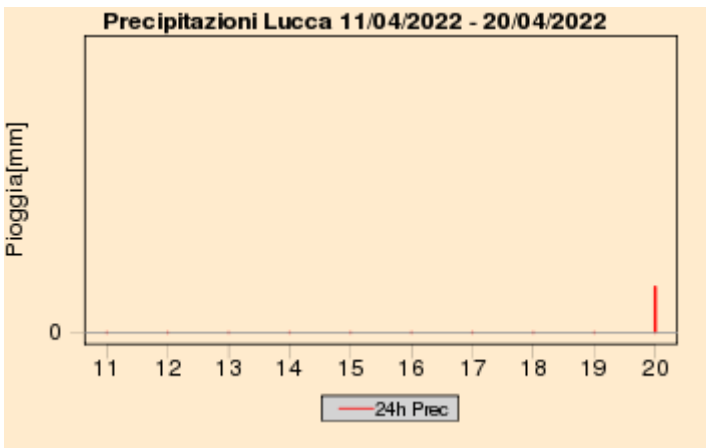
La seconda decade di Aprile è stata fortemente caratterizzata da condizioni di alta pressione e di stabilità atmosferica, e di conseguenza non ha fatto registrare cumulati rilevanti. Su gran parte del territorio i pluviometri non si sono mossi per tutta la decade e solo sulle zone occidentali e in Maremma si sono osservate deboli precipitazioni, con cumulati comunque ovunque scarsamente rilevanti e inferiori a 5 mm..

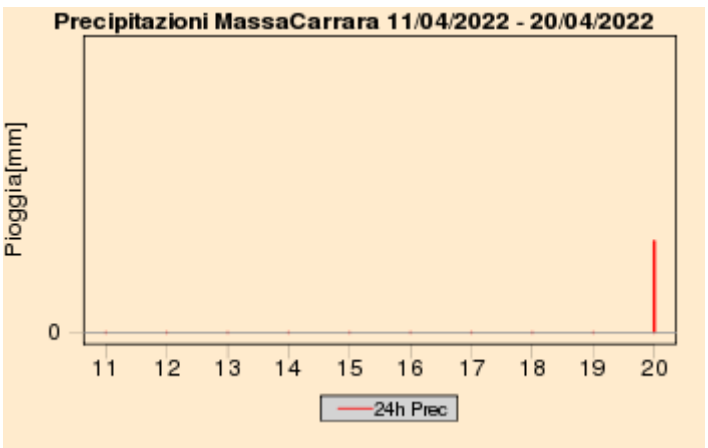


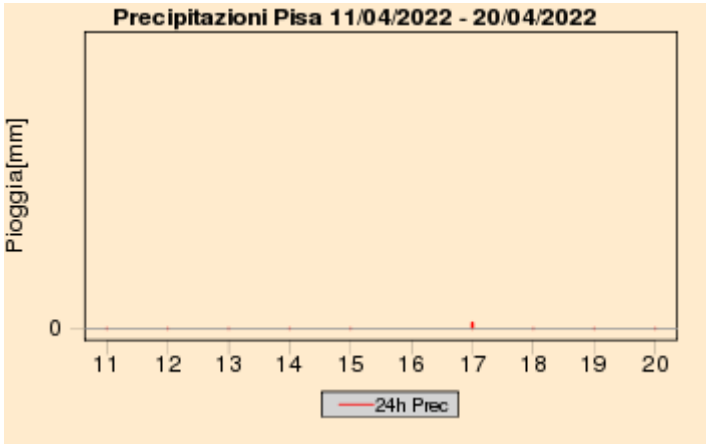


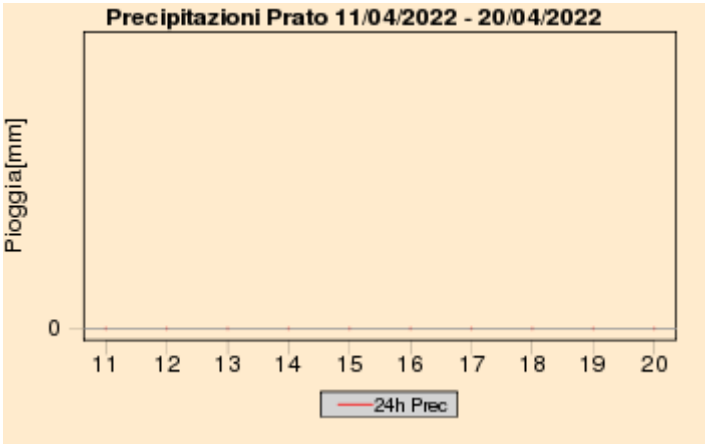




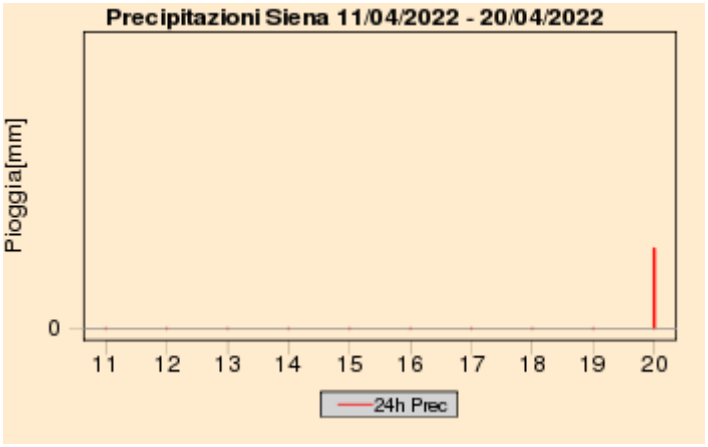




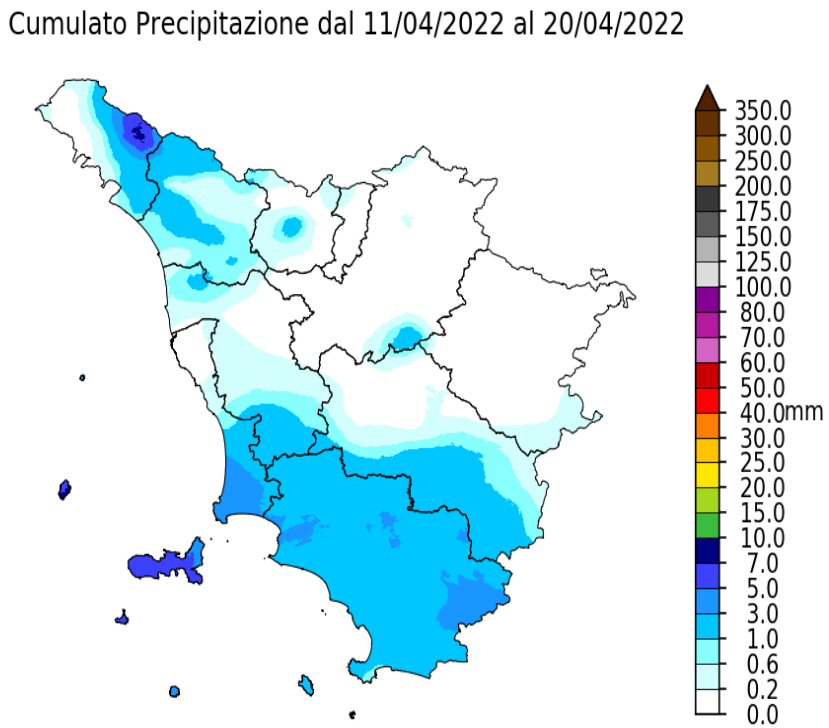






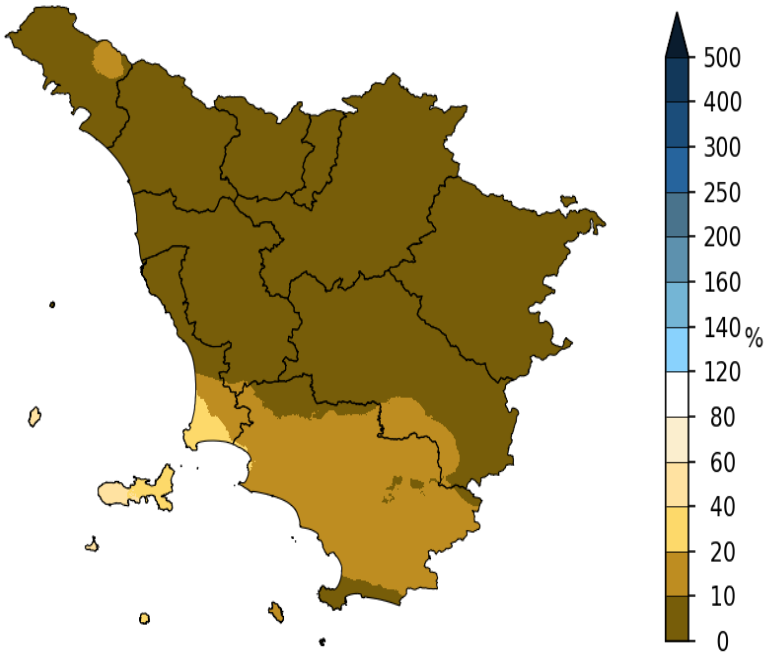


Quadro regionale – Cumulati decadali di precipitazione, anomalia di precipitazione e numero di giorni di pioggia



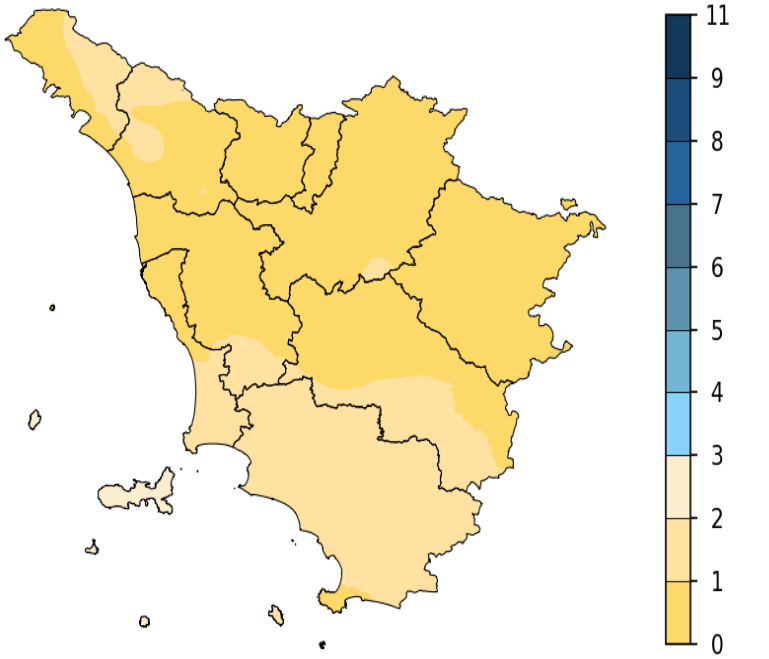
Dati: SIR Regione Toscana, AM, LaMMA

Percentuale di Precipitazione rispetto alla media climatica
dal 11/04/2022 al 20/04/2022



Dati: SIR Regione Toscana, AM, LaMMA

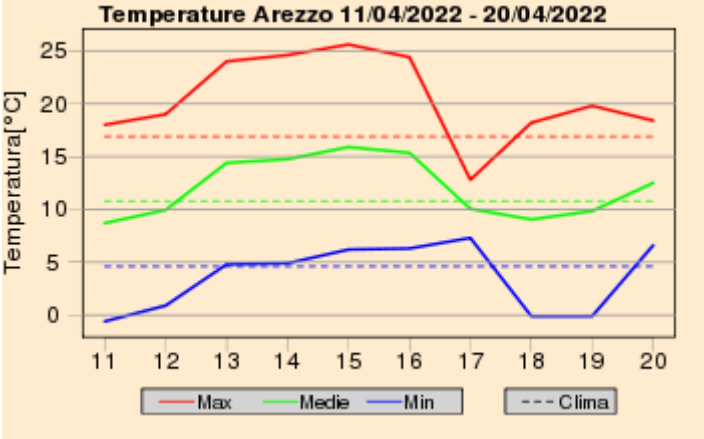
Giorni con Pioggia ≥ di 1 mm dal 11/04/2022 al 20/04/2022

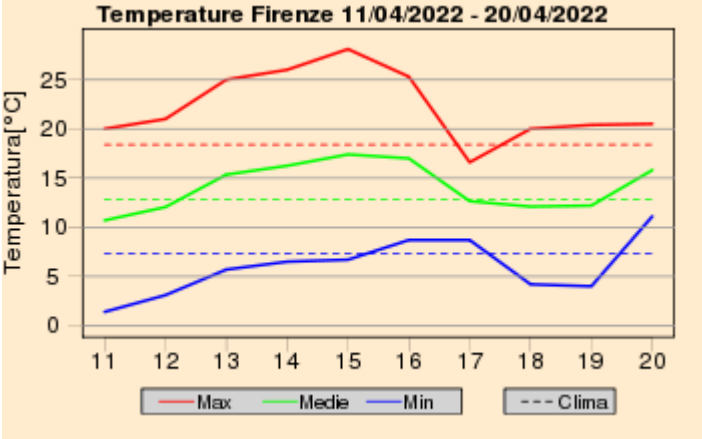


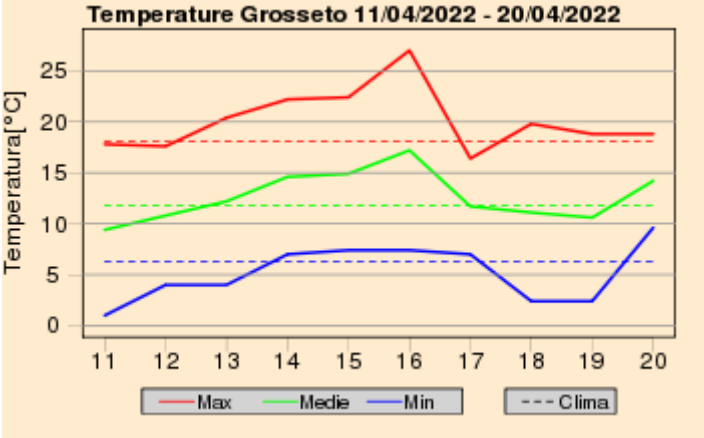
Dati: SIR Regione Toscana, AM, LaMMA

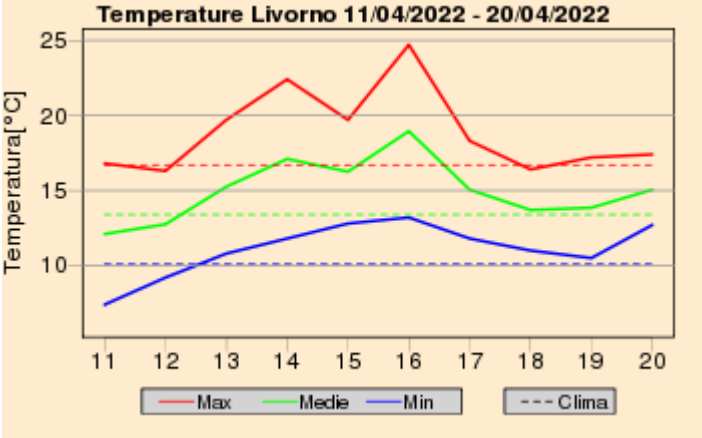
II decade - Quadro regionale - Temperature

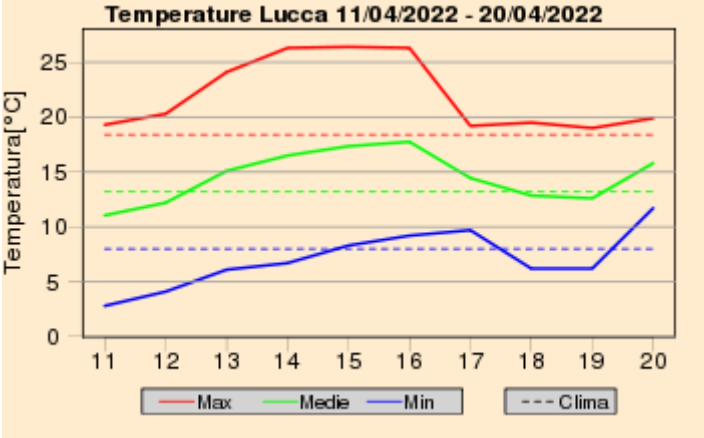
Le prevalenti condizioni di alta pressione con giornate soleggiate e poco ventose hanno favorito elevate escursioni termiche giornaliere, anche fino a oltre 20 gradi. Le massime, favorite dal riscaldamento solare, hanno infatti spesso raggiunto valori anche molto superiori alle mede, toccando localmente punte anche superiori a 27 gradi sulle pianure interne. Le minime invece, grazie ad efficienti raffreddamenti notturni si sino quasi sempre mantenute attorno a 5 gradi o anche su valori inferiori, risultando nel complesso leggermente inferiori alle medie.

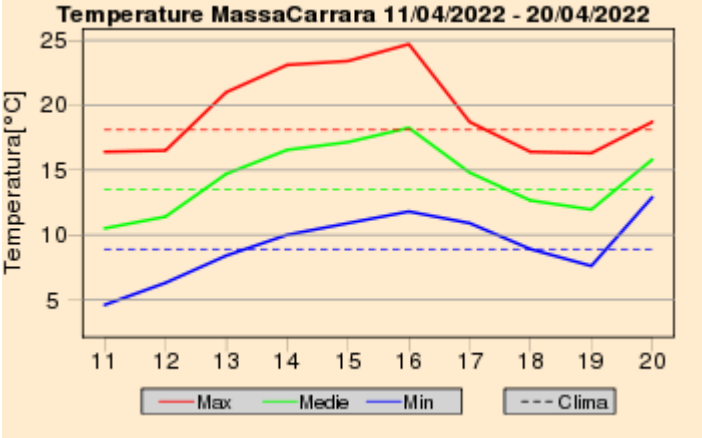


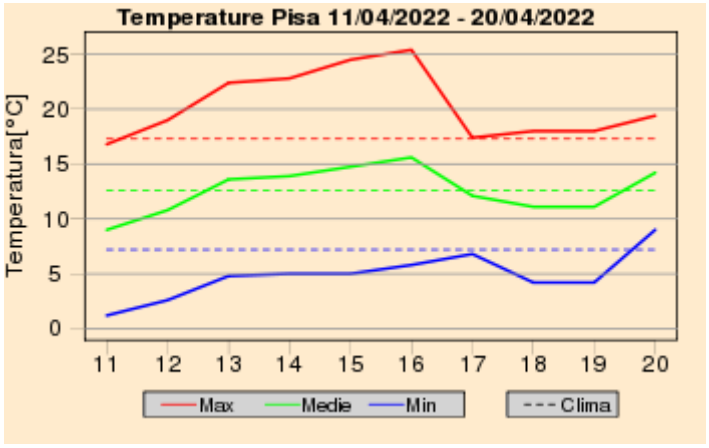


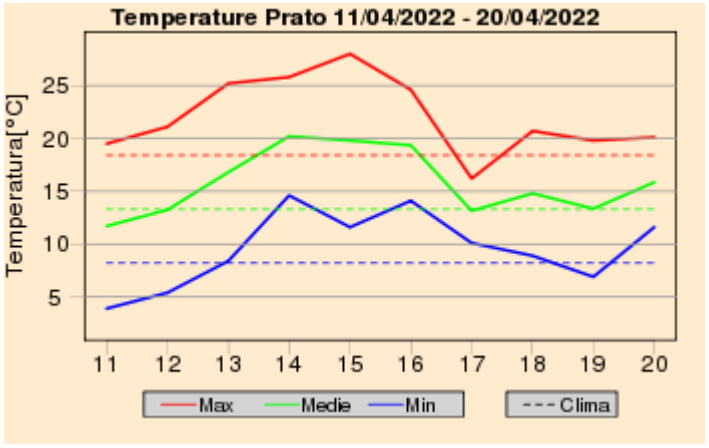


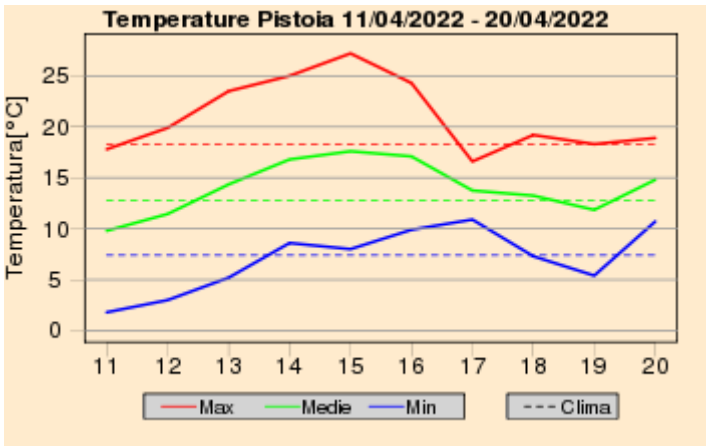


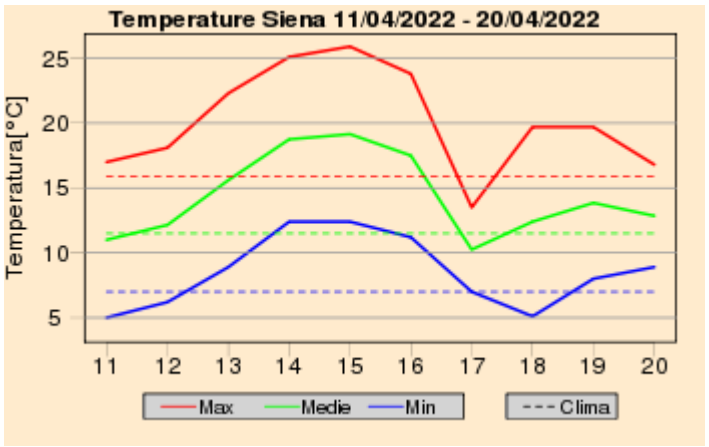




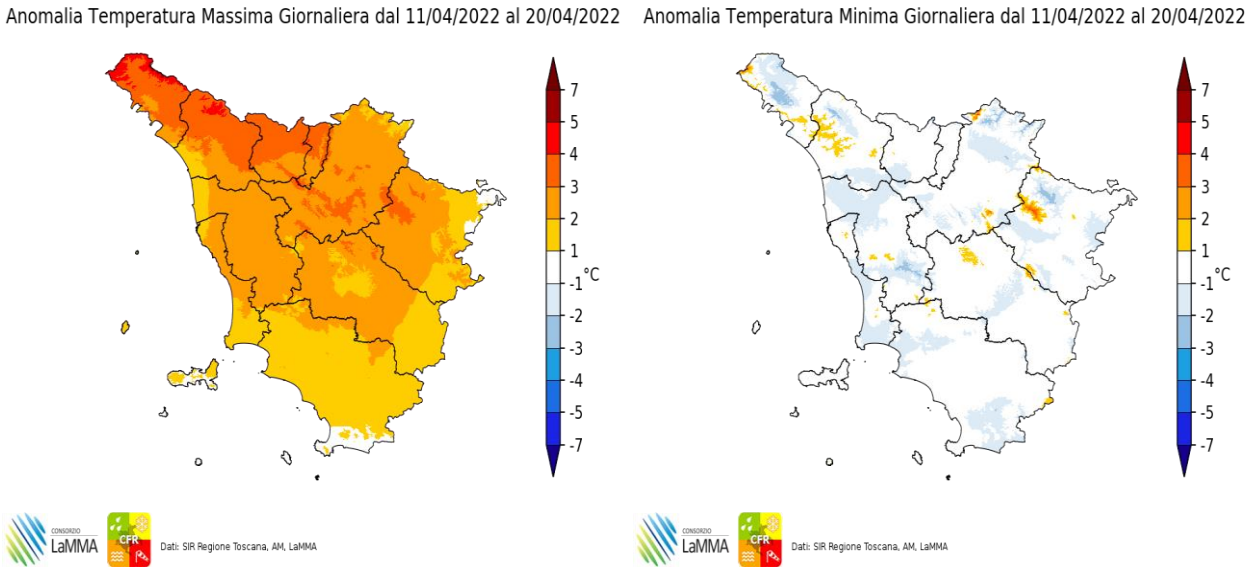








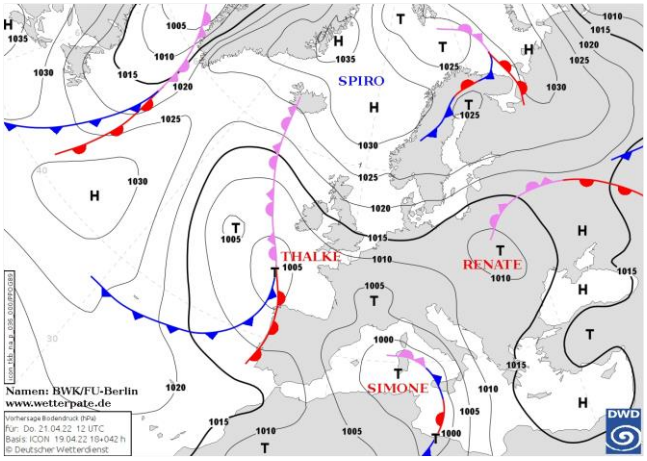
Quadro regionale – Anomalie termiche



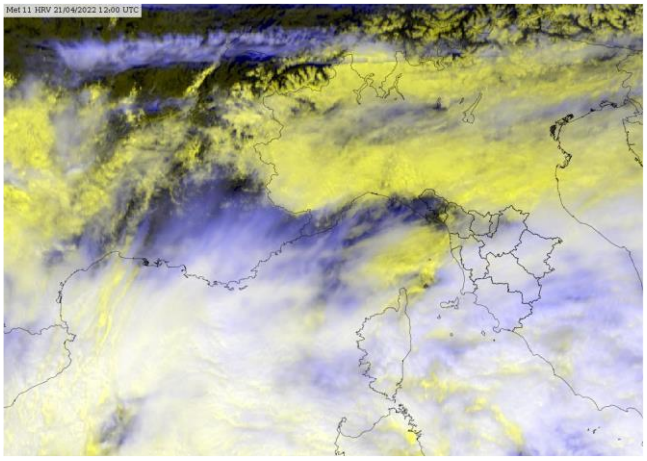
Anomalia termica decadale per le temperature massime e minime giornaliere

Giovedi' 21 Aprile 2022

Situazione: un promontorio interciclonico interessa la nostra penisola garantendo prevalenti condizioni di tempo stabile. Una depressione attualmente sulle Baleari si muove verso levante (struttura a Omega).



Pressione al suolo e fronti del 21 Aprile alle 12 UTC


Meteosat HRV del 21 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvoloso o molto nuvoloso.

Fenomeni: piogge diffuse, in particolare nella seconda parte della giornata.

Venti: moderati da nord est con locali forti raffiche.

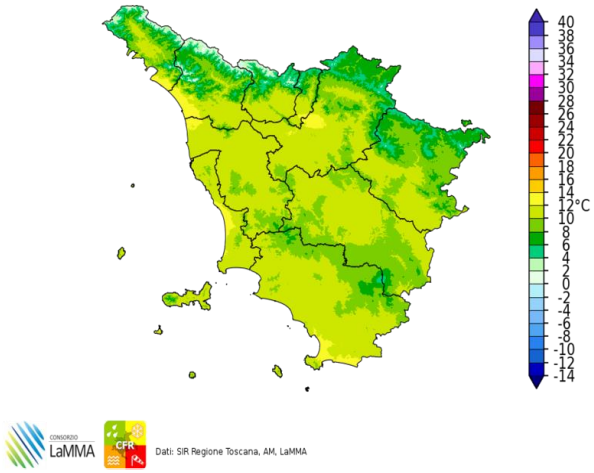
Mari: fra poco mossi e mossi al largo.

Temperature: massime in calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	11	11	12	13	12	13	10	12	12	10
	anomalia*	4	2	4	1	2	2	1	3	2	1
T. max	osservata	17	20	17	19	20	21	19	16	18	15
	anomalia*	-3	-1	-3	1	-1	1	0	-4	-3	-3
Precipitazione (mm/24ore)		6	16	6	10	14	10	12	15	14	14

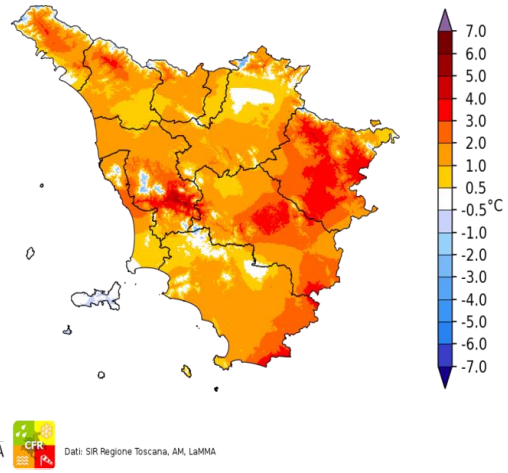
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 21/04/2022



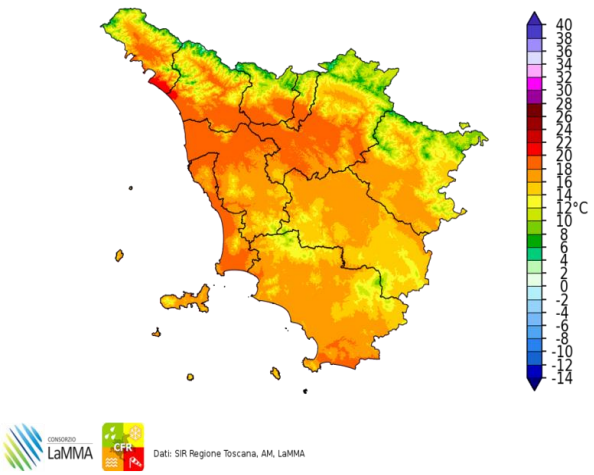
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 21/04/2022 e 20/04/2022



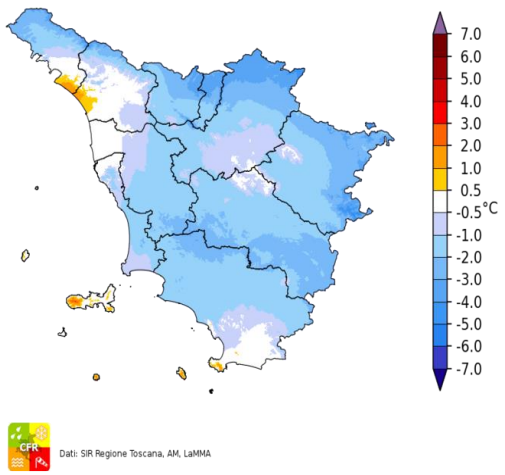
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 21/04/2022



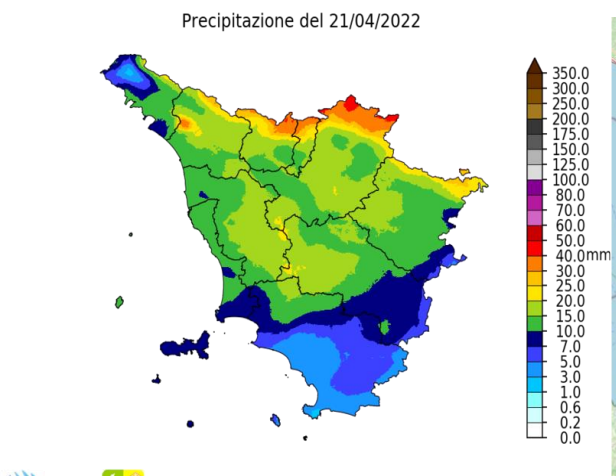
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 21/04/2022 e 20/04/2022



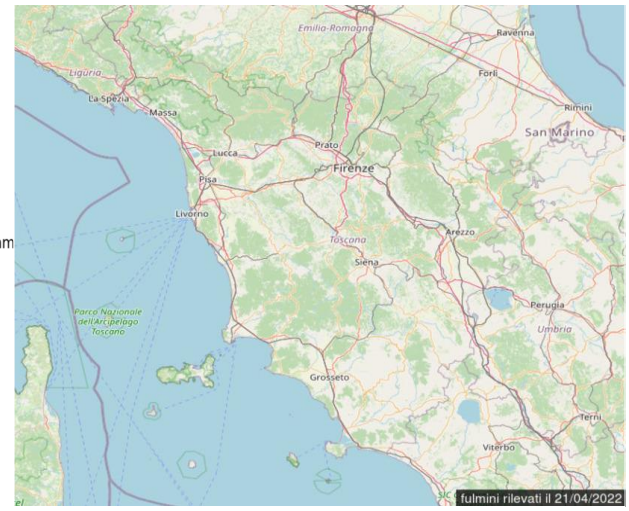
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 21/04/2022



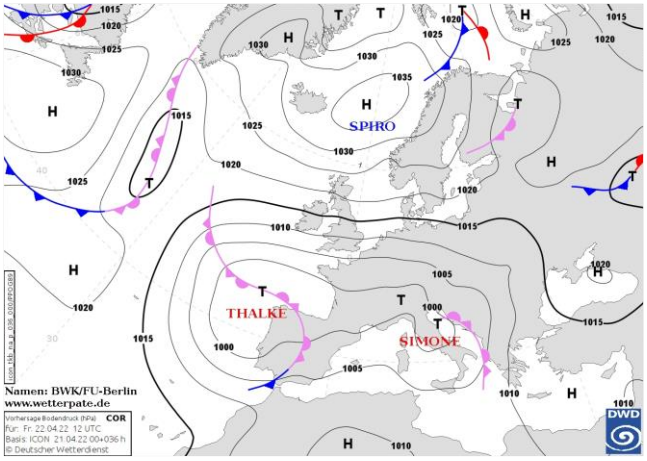
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 21 Aprile

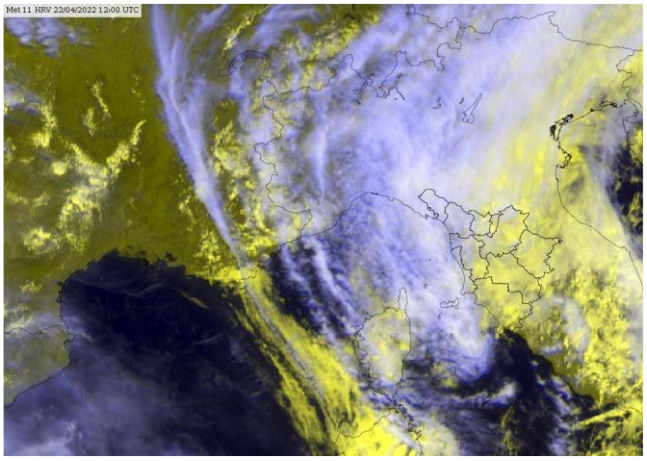


Venerdi' 22 Aprile 2022

Situazione: perturbazione di matrice atlantica in transito sull'Italia centrale in graduale spostamento verso levante.



Pressione al suolo e fronti del 22 Aprile alle 12 UTC


Meteosat HRV del 22 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: molto nuvoloso o coperto.

Fenomeni: piogge diffuse, deboli o al più moderate sull'Appennino orientale e tra le province di Arezzo, Siena e basso pisano. Fenomeni in graduale esaurimento dal tardo pomeriggio. Massimi fino a 60-70 mm sull'Alto Mugello.

Venti: deboli o localmente moderati inizialmente da est nord-est in rotazione a sud-ovest e successivamente a ovest nord-ovest.

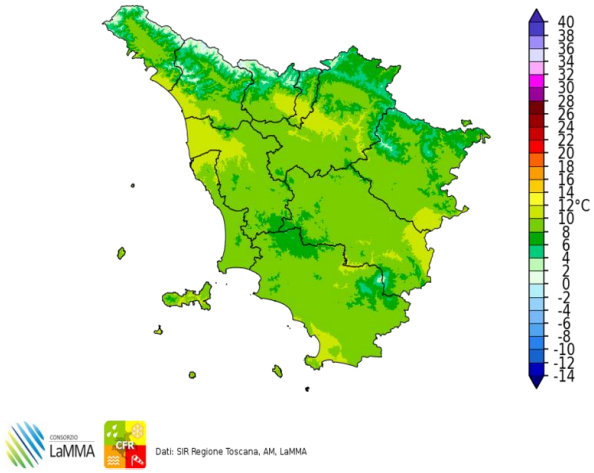
Mari: mossi, in attenuazione.

Temperature: n calo, più accentuato nei valori massimi.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	11	11	8	12	10	11	8	11	11	9
	anomalia*	4	2	0	0	1	0	-1	2	1	0
T. max	osservata	12	15	16	15	16	16	16	14	14	12
	anomalia*	-7	-6	-4	-3	-5	-4	-4	-7	-6	-7
Precipitazione (mm/24ore)		39	10	3	7	9	7	9	11	8	31

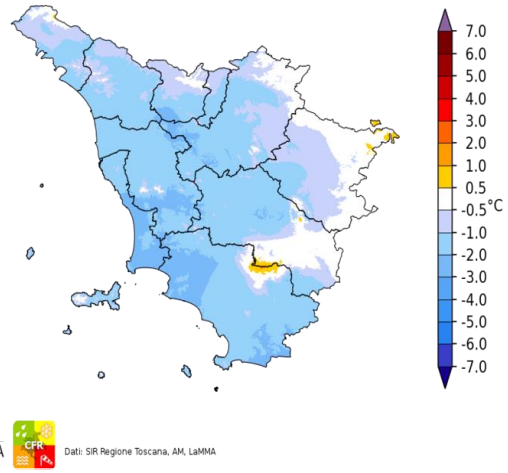
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 22/04/2022



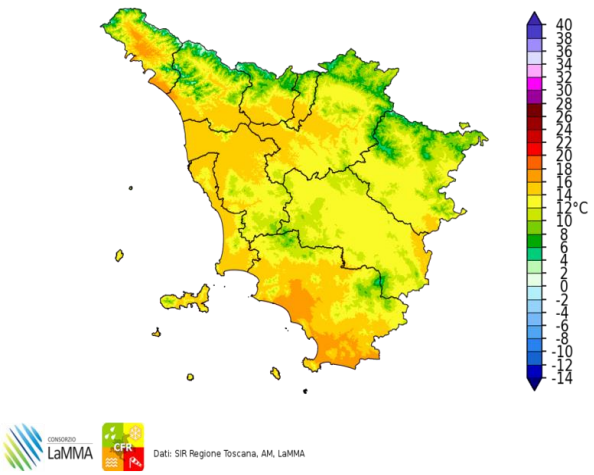
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 22/04/2022 e 21/04/2022



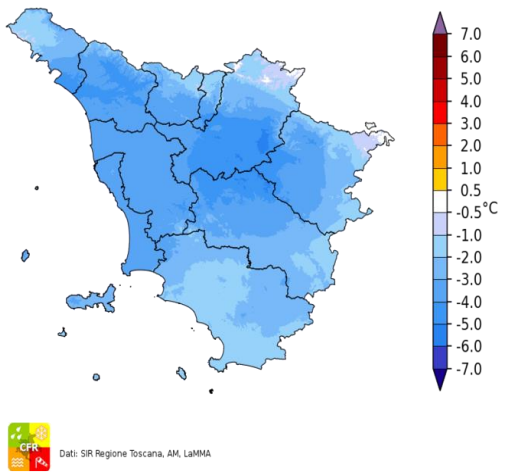
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 22/04/2022



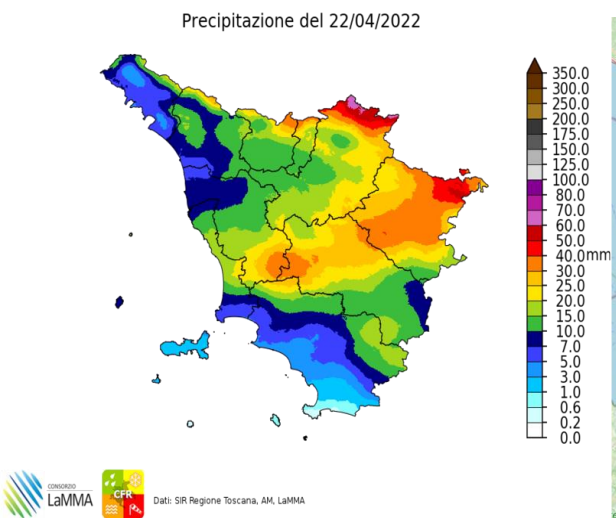
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 22/04/2022 e 21/04/2022



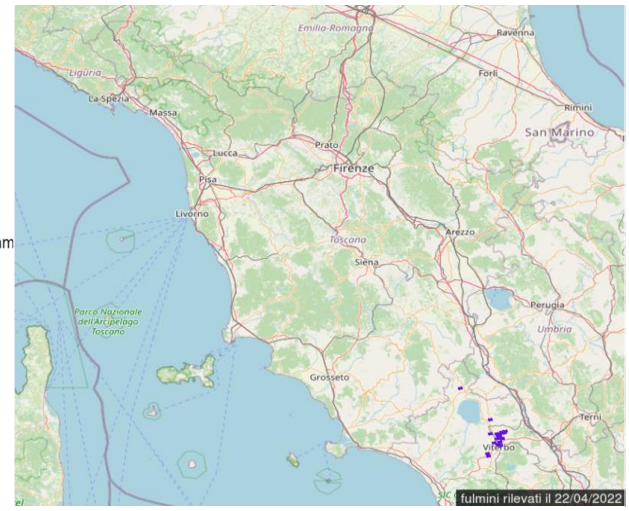
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 22/04/2022



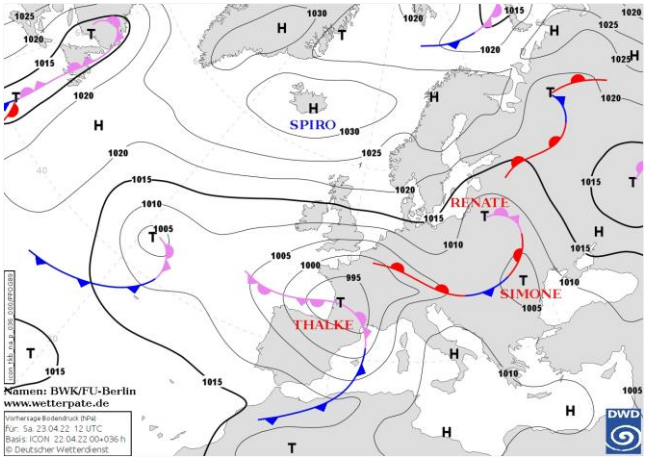
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 22 Aprile

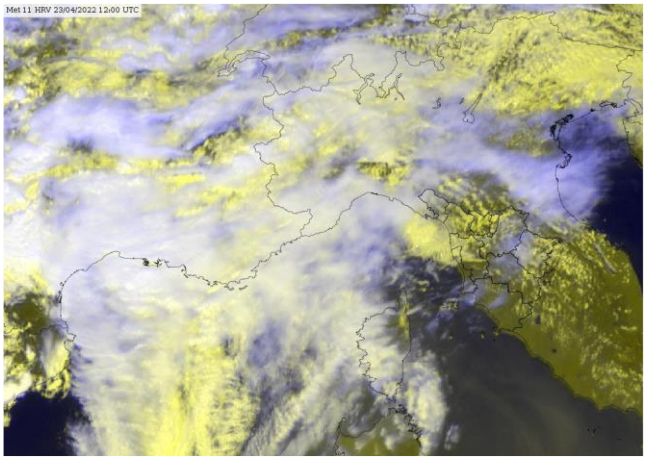


Sabato 23 Aprile 2022

Situazione: graduale calo della pressione per l'avvicinamento di un fronte freddo.



Pressione al suolo e fronti del 23 Aprile alle 12 UTC


Meteosat HRV del 23 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: al mattino poco nuvoloso salvo nubi in Appennino. Dal pomeriggio graduale aumento della nuvolosità con deboli precipitazioni in provincia di Ms e Lu in estensione al resto della regione in serata.

Fenomeni: deboli precipitazioni inizialmente sulle zone di nord-ovest (provincie di Ms e Lu) in estensione in serata al resto della regione.

Venti: deboli di Scirocco sulle zone interne, moderati o localmente forti lungo la costa dal pomeriggio.

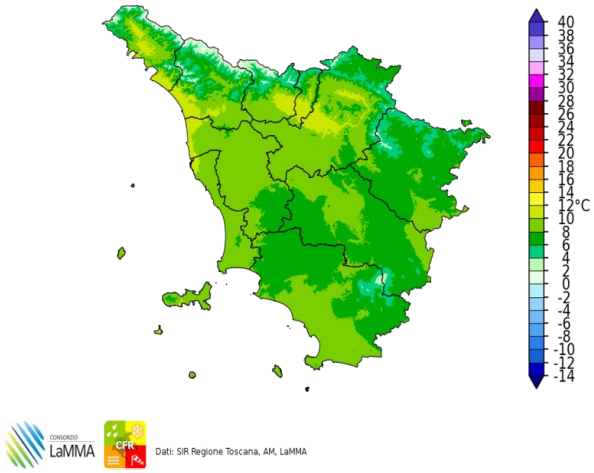
Mari: poco mossi in rapido aumento a mossi. Molto mossi in serata.

Temperature: massime in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	0	11	8	12	11	12	7	11	11	8
	anomalia*	-6	2	0	1	1	1	-1	2	1	-1
T. max	osservata	20	22	20	19	21	18	20	20	22	18
	anomalia*	0	1	0	0	0	-2	1	-1	1	-1
Precipitazione (mm/24ore)		0	7	0	16	17	13	17	23	24	1

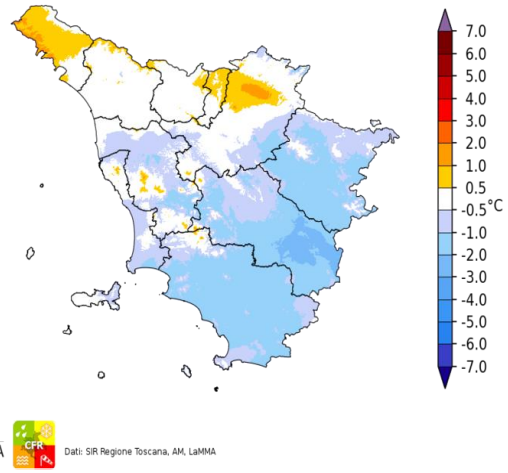
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 23/04/2022



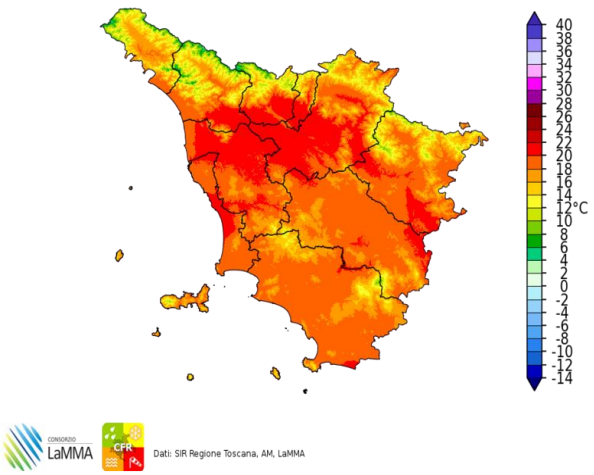
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 23/04/2022 e 22/04/2022



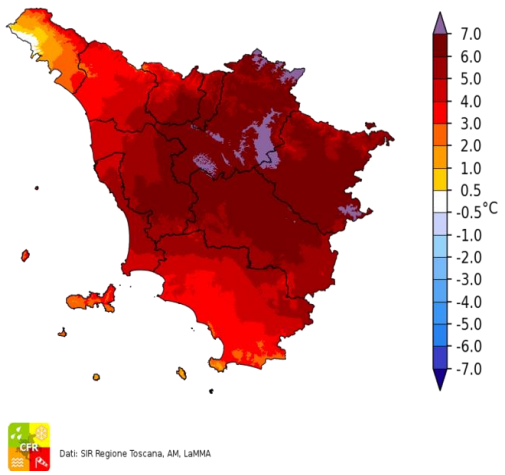
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 23/04/2022



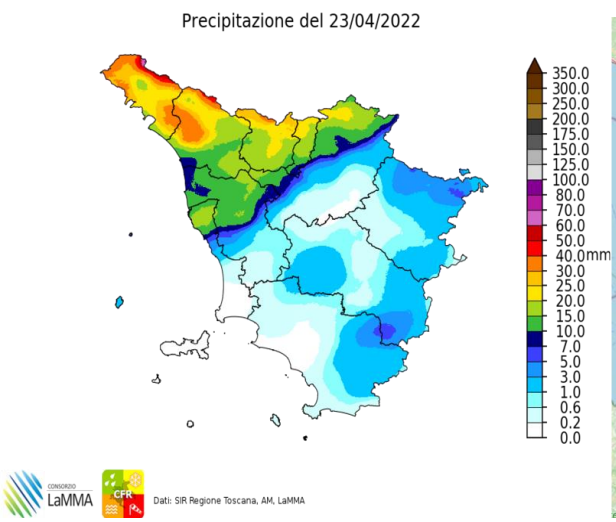
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 23/04/2022 e 22/04/2022



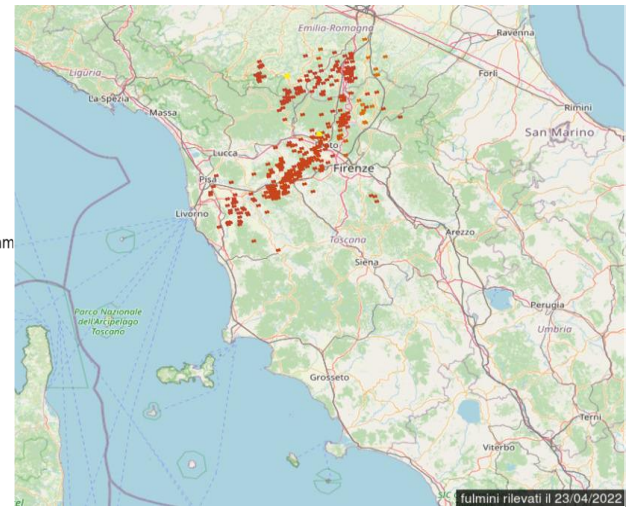
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 23/04/2022



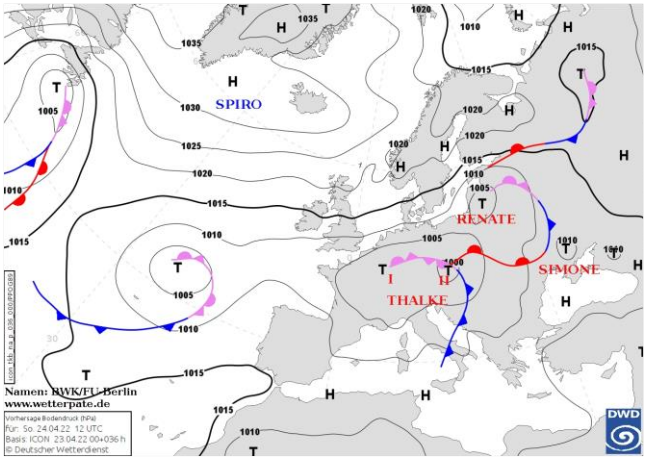
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 23 Aprile

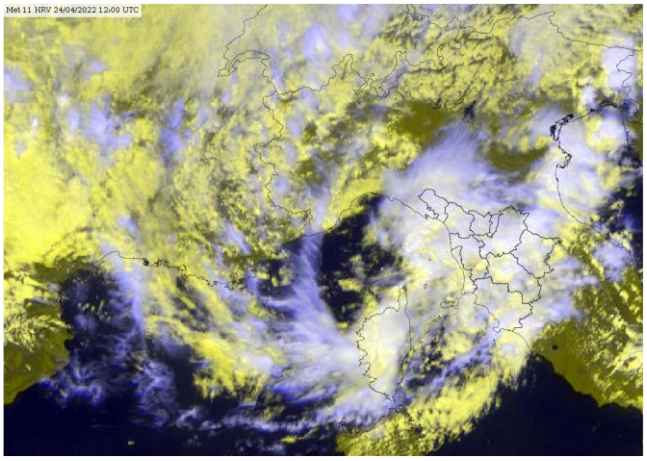


Domenica 24 Aprile 2022

Situazione: fronte freddo in transito sul centro nord Italia.



Pressione al suolo e fronti del 24 Aprile alle 12 UTC


Meteosat HRV del 24 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvoloso o molto nuvoloso.

Fenomeni: rovesci o temporali in nottata sulle zone di nord-ovest (province di Ms, Lu, Pt e parzialmente Pi e Li). Pausa al primo mattino, quindi nuova intensificazione con i rovesci in spostamento dalle zone occidentali a quelle più interne. Nevicate in Appennino a quote oltre i 1100 m circa.

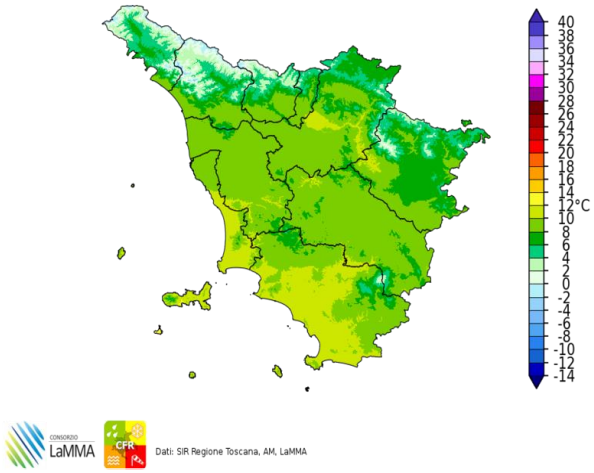
Venti: moderati inizialmente da da sud-sud-est con locali forti raffiche sulla costa e zone appenniniche, in rotazione e in rinforzo a ovest-sud-ovest dal pomeriggio.
Mari: mossi o molto mossi.

Temperature: massime in calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	0	10	7	12	9	9	7	9	10	9
	anomalia*	-6	1	-1	0	-1	-2	-1	0	0	0
T. max	osservata	16	16	17	15	15	15	16	15	16	14
	anomalia*	-4	-5	-3	-3	-6	-4	-4	-6	-5	-5
Precipitazione (mm/24ore)		0	17	1	8	13	21	10	8	12	5

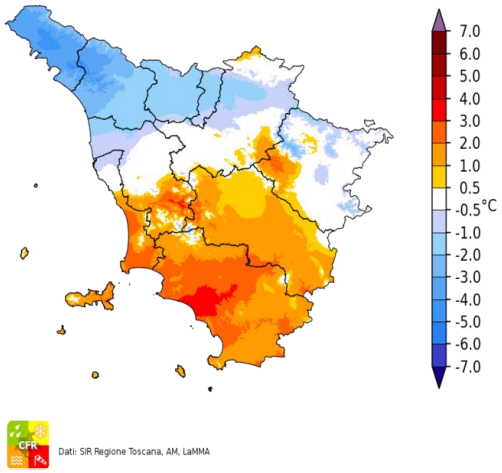
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 24/04/2022



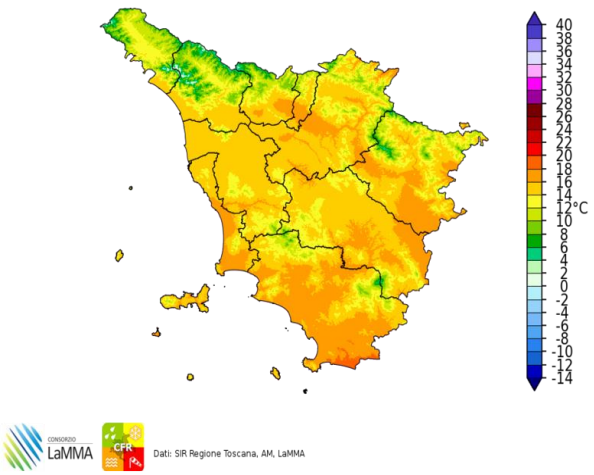
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 24/04/2022 e 23/04/2022



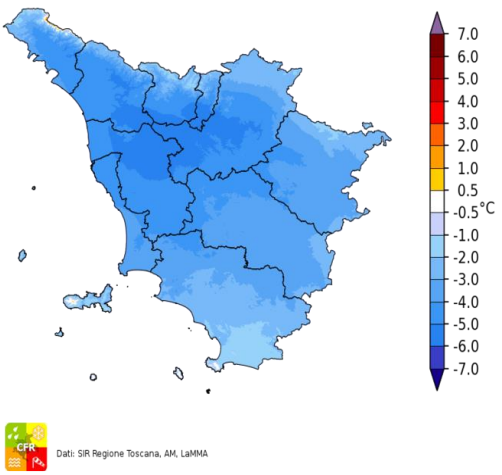
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 24/04/2022



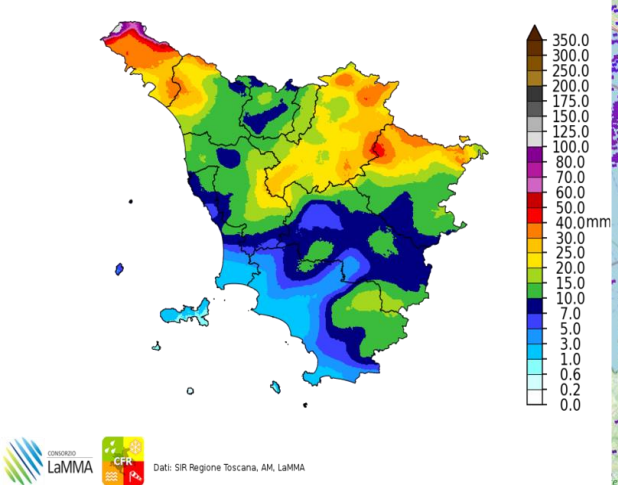
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 24/04/2022 e 23/04/2022



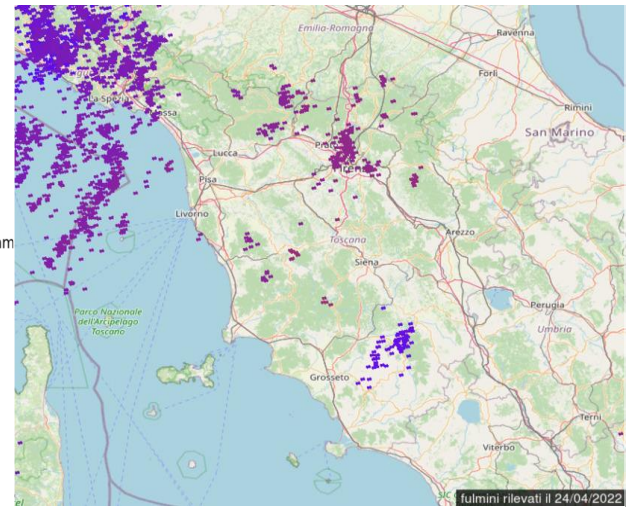
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 24/04/2022



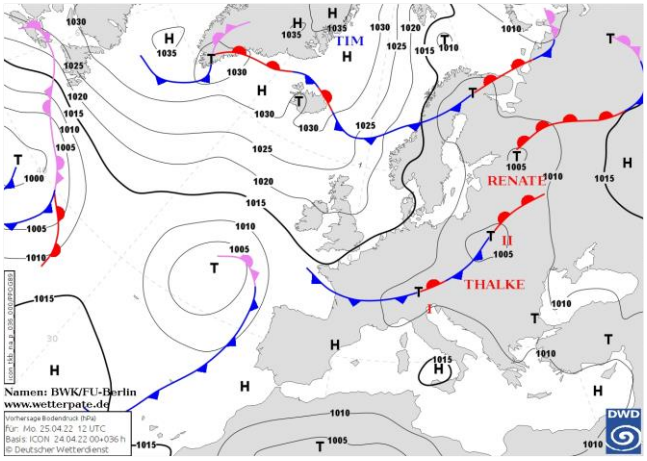
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 24 Aprile

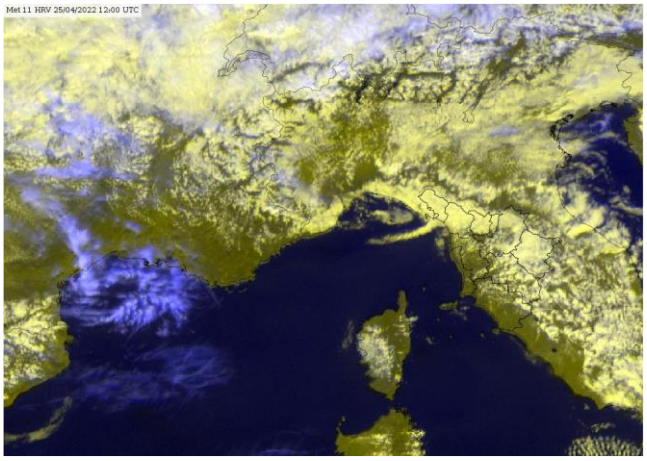


Lunedi' 25 Aprile 2022

Situazione: minimo sul Ligure con pressione in graduale aumento, ma con ancora un flusso umido di Libeccio. Pressione in aumento su valori livellati intorno ai 1016 hPa sul Mediterraneo Centrale.



Pressione al suolo e fronti del 25 Aprile alle 12 UTC


Meteosat HRV del 25 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: in mattinata nuvoloso, ampie schiarite dal pomeriggio.

Fenomeni: piogge sparse sulle zone settentrionali, in particolare sul nord-ovest, durante la notte e in mattinata; locali piogge anche nel pomeriggio in Appennino.

Venti: moderati di Libeccio con rinforzi in Arcipelago a nord di Capraia, crinali appenninici e sottovento ad essi.

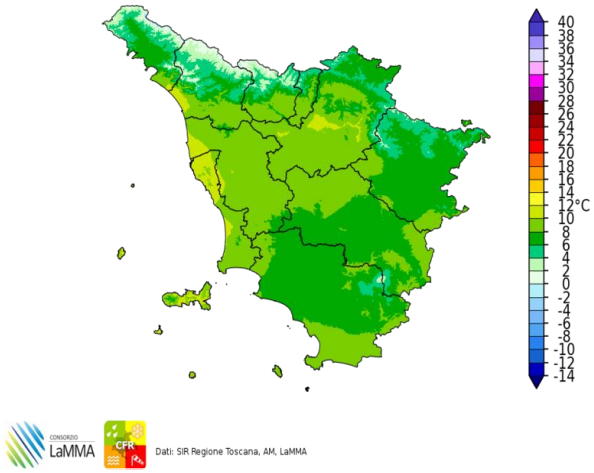
Mari: generalmente mossi, localmente molto mossi al largo a nord di Capraia.

Temperature: minime in calo, massime in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	7	7	7	14	9	10	6	9	10	8
	anomalia*	1	-2	-1	2	0	-1	-3	0	0	-1
T. max	osservata	18	19	21	18	18	16	18	17	18	19
	anomalia*	-1	-2	1	0	-3	-4	-1	-4	-2	1
Precipitazione (mm/24ore)		0	0	0	2	3	4	1	1	1	0

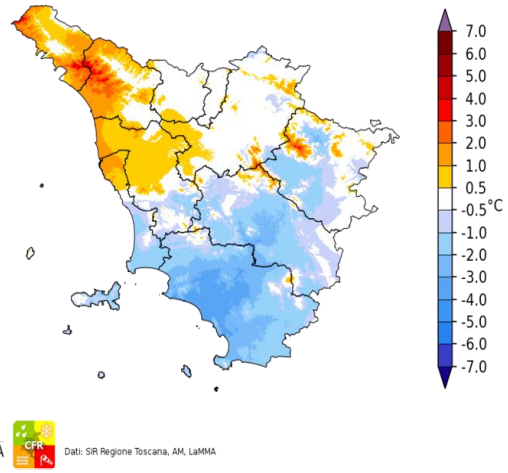
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 25/04/2022



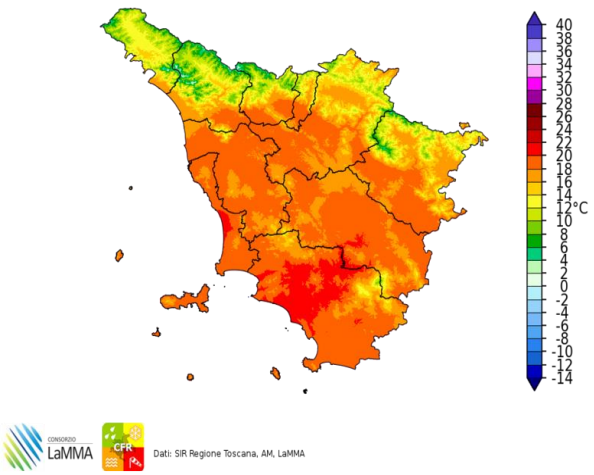
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 25/04/2022 e 24/04/2022



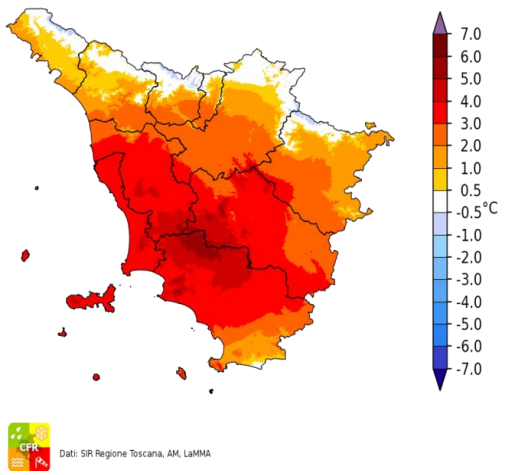
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 25/04/2022



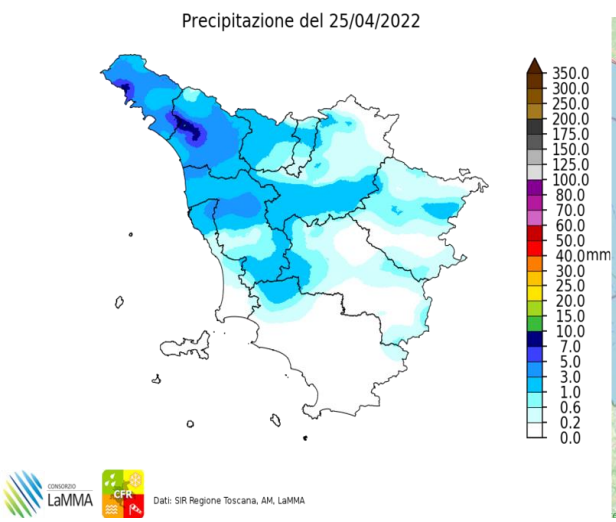
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 25/04/2022 e 24/04/2022



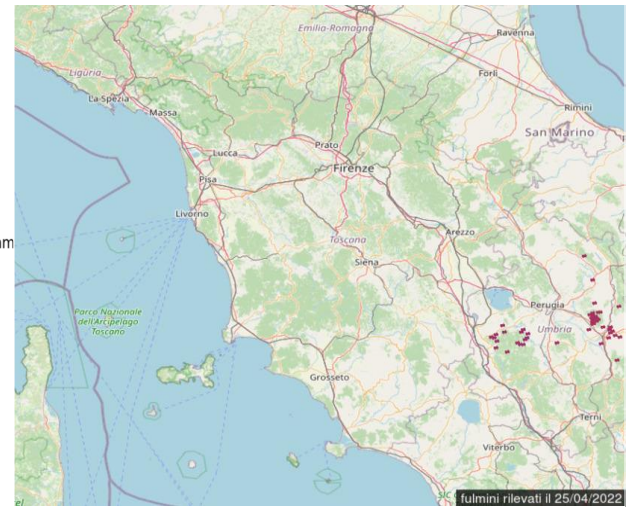
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 25/04/2022



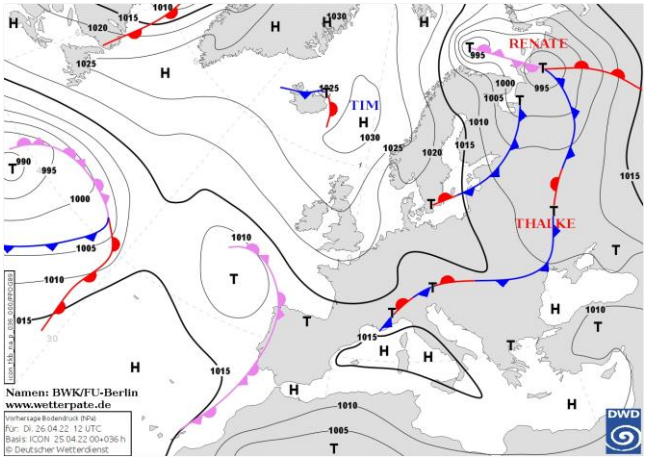
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 25 Aprile

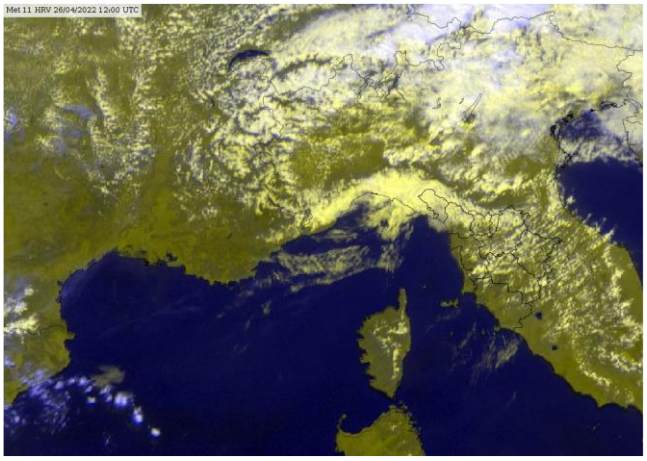


Martedi' 26 Aprile 2022

Situazione: minimo sul Ligure, ma pressione in aumento sul Mediterraneo centrale; fronte freddo in avvicinamento al nord Italia.



Pressione al suolo e fronti del 26 Aprile alle 12 UTC


Meteosat HRV del 26 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: in mattinata molto nuvoloso o coperto sulla provincia di Massa-Carrara e sull'Appennino Tosco-Emiliano, tra poco nuvoloso e parzialmente nuvoloso altrove. Nel pomeriggio sereno su costa centro-meridionale e zone limitrofe e tra poco nuvoloso e parzialmente nuvoloso altrove. Sereno in serata ovunque.

Fenomeni: deboli piogge fino al primo pomeriggio sulla provincia di Massa-Carrara.

Venti: meridionali, deboli nelle zone interne, fino a moderati sui rilievi e lungo la costa. Venti in attenuazione in serata.

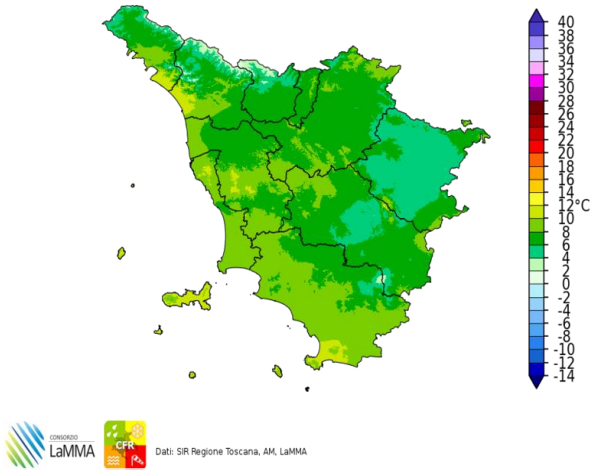
Mari: mossi, ma con moto ondoso in attenuazione.

Temperature: minime in lieve calo (in lieve aumento al nord-ovest e al sud), massime in aumento al centro-nord, pressoché stazionarie sul grossetano.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	4	7	8	12	8	11	6	8	9	10
	anomalia*	-2	-2	0	0	-2	1	-3	-1	-1	1
T. max	osservata	21	22	20	18	21	19	19	20	22	21
	anomalia*	1	0	0	0	0	-1	-1	-1	1	3
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

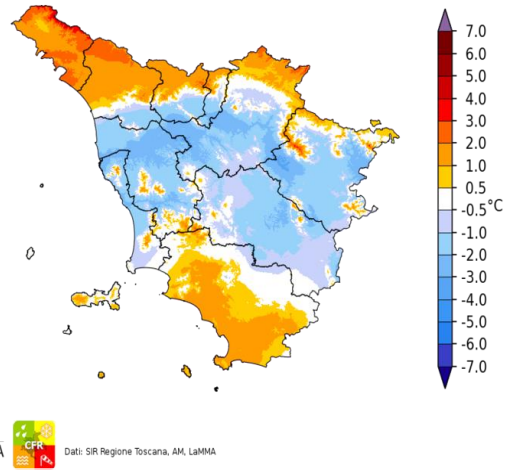
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 26/04/2022



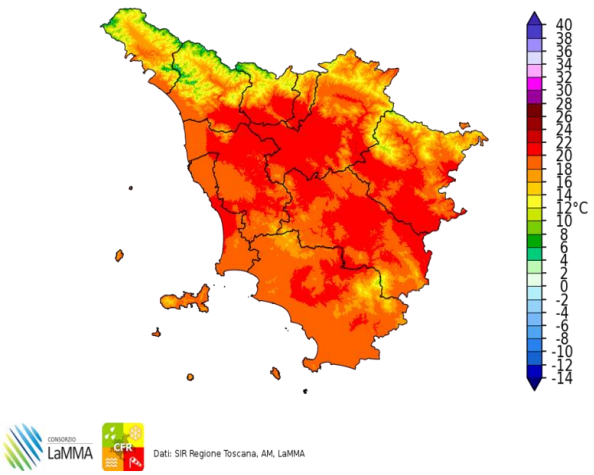
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 26/04/2022 e 25/04/2022



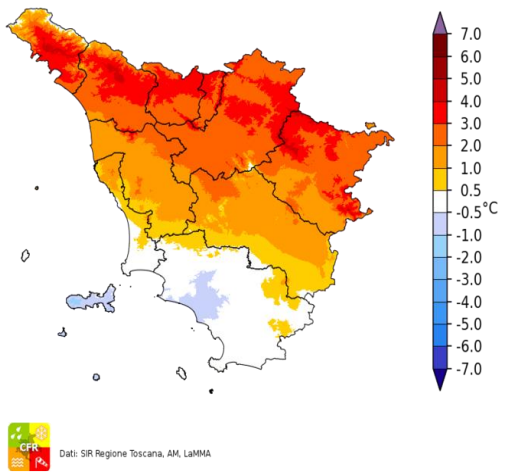
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 26/04/2022



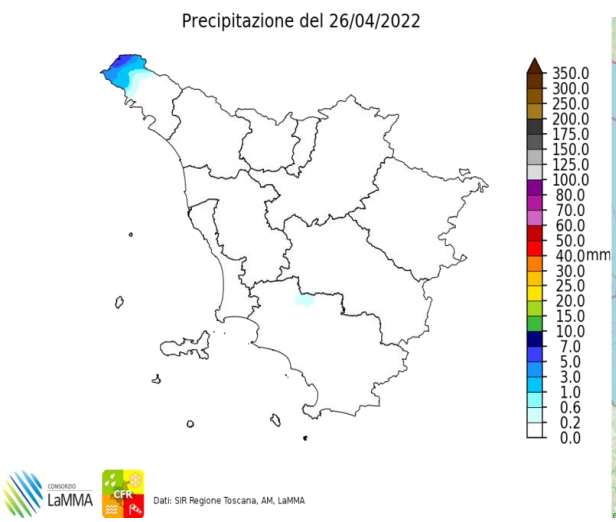
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 26/04/2022 e 25/04/2022



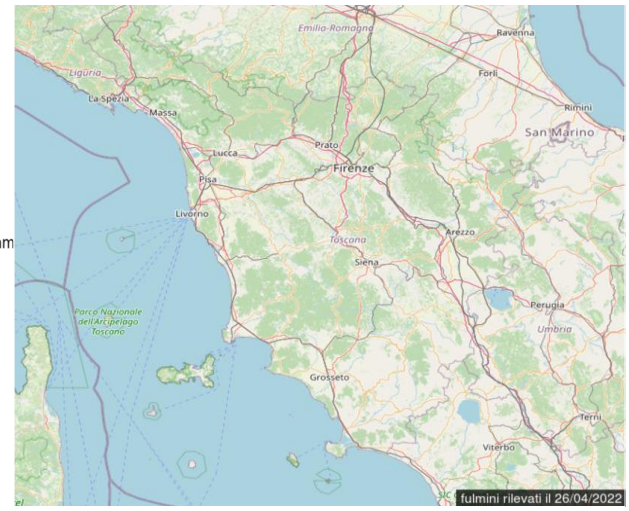
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 26/04/2022



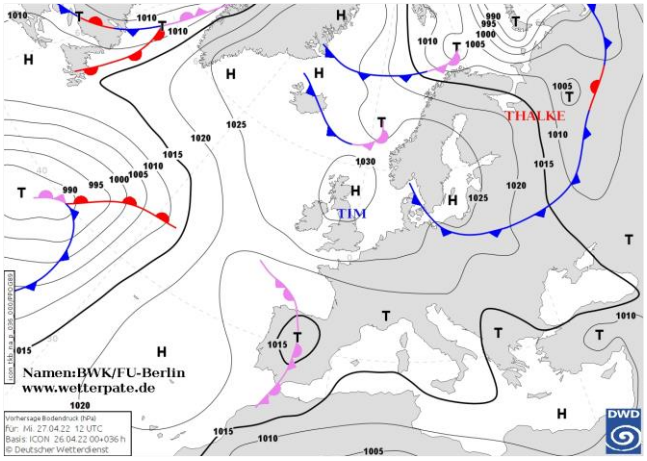
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 26 Aprile

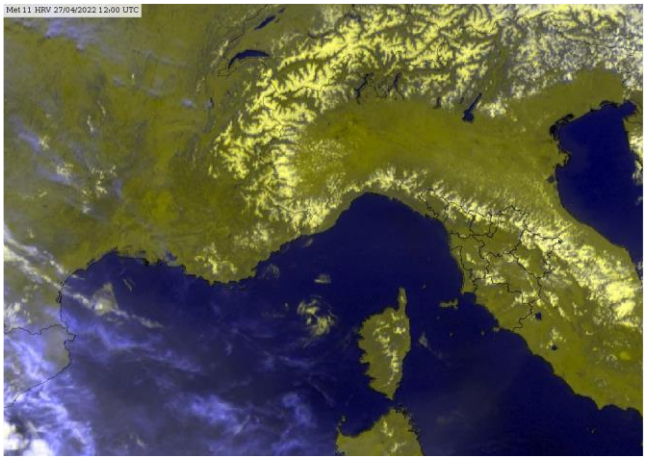


Mercoledi' 27 Aprile 2022

Situazione: un nucleo di aria fredda in quota transita sui Balcani determinando condizioni di modesta instabilità atmosferica anche lungo la dorsale appenninica meridionale, mentre sulla Toscana il tempo risulta in prevalenza stabile.



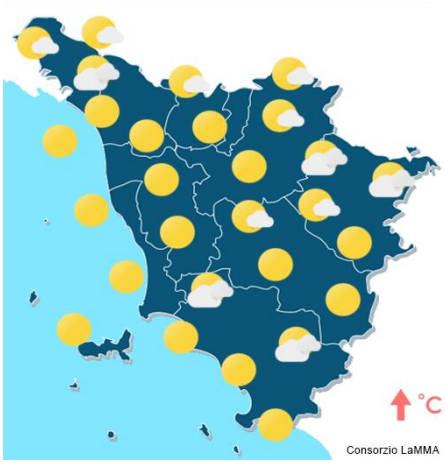
Pressione al suolo e fronti del 27 Aprile alle 12 UTC


Meteosat HRV del 27 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso salvo modesti addensamenti di tipo basso sul nord della regione al mattino e sui rilievi nel corso delle ore pomeridiane.

Fenomeni: nessuno.

Venti: deboli settentrionali.

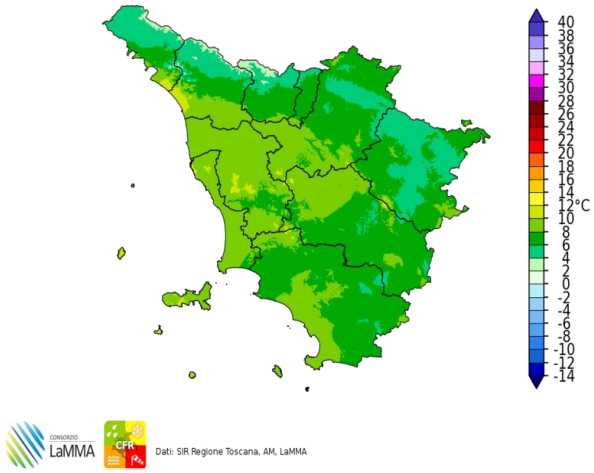
Mari: poco mossi.

Temperature: in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	0	8	9	12	9	10	7	7	9	9
	anomalia*	-6	-2	1	1	-1	-1	-2	-2	-1	1
T. max	osservata	23	24	20	18	23	20	21	23	25	24
	anomalia*	3	3	0	0	3	0	2	2	4	5
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

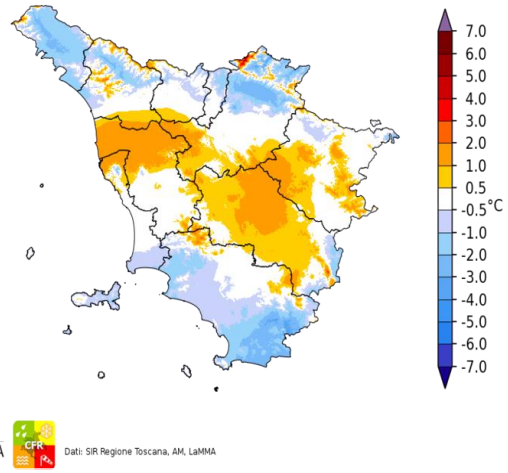
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 27/04/2022



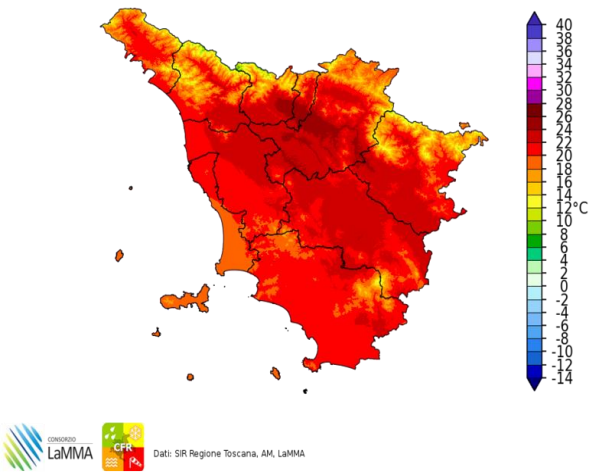
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 27/04/2022 e 26/04/2022



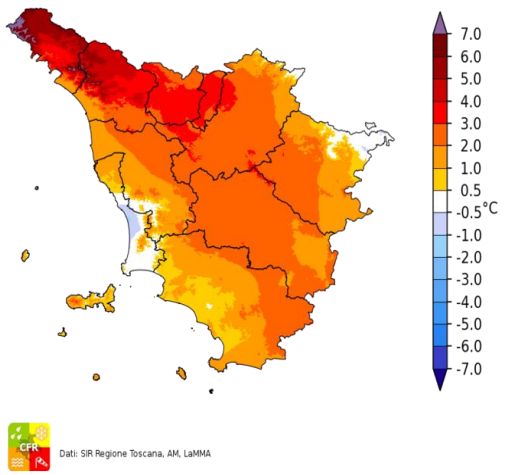
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 27/04/2022



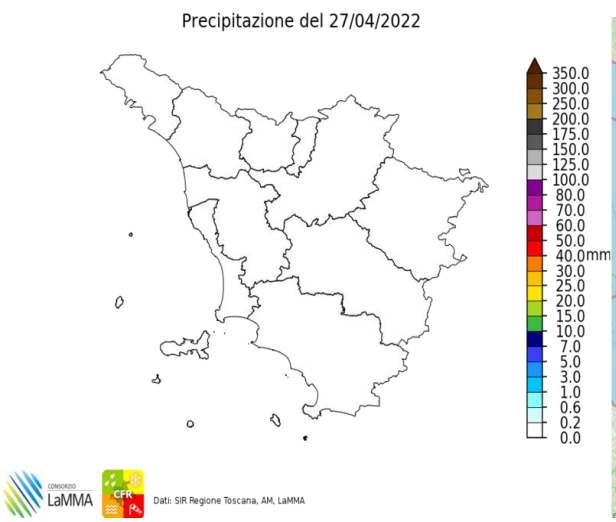
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 27/04/2022 e 26/04/2022



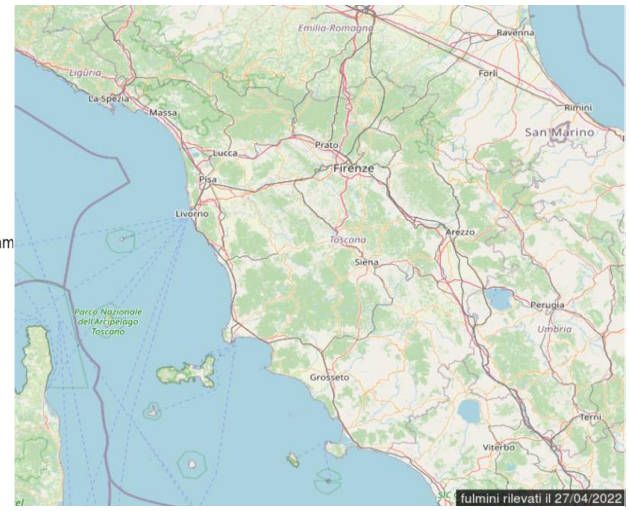
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 27/04/2022



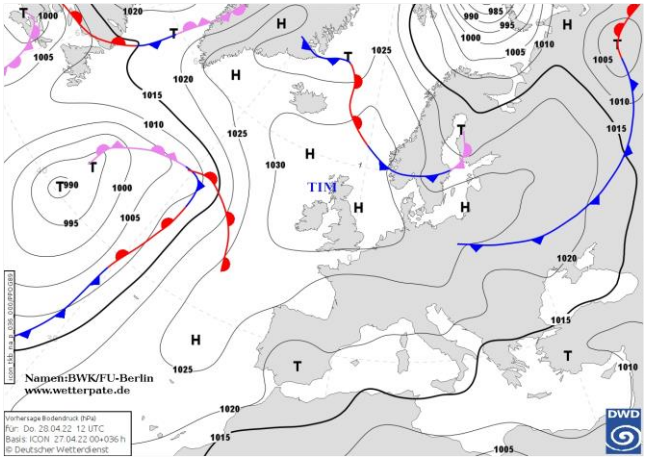
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 27 Aprile

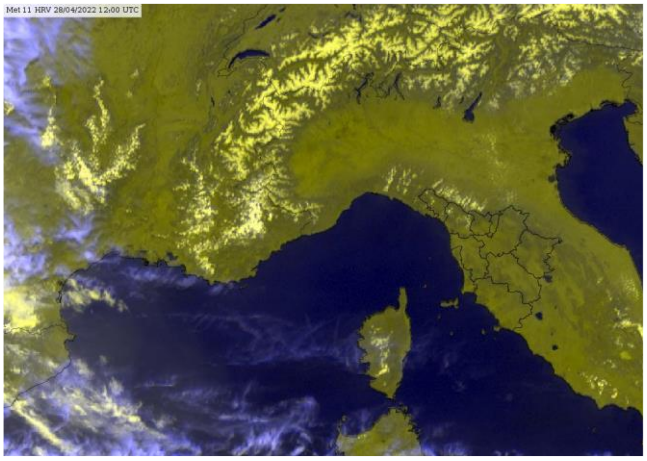


Giovedi' 28 Aprile 2022

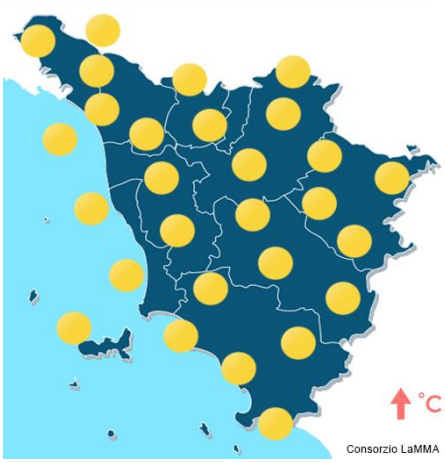
Situazione: vasta area di alta pressione sull'Europa settentrionale con flusso di correnti orientali sulla nostra penisola.



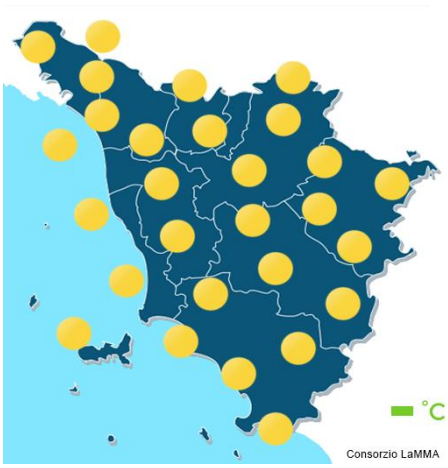
Pressione al suolo e fronti del 28 Aprile alle 12 UTC


Meteosat HRV del 28 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso.

Fenomeni: nessuno.

Venti: deboli-moderati di Grecale con locali rinforzi.

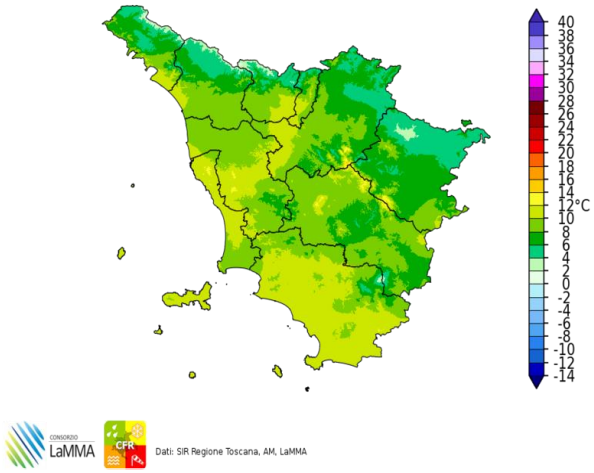
Mari: poco mossi o localmente mossi al largo.

Temperature: minime in locale aumento, massime in calo nell'interno, in rialzo sulla costa.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	9	8	9	15	8	11	7	10	13	12
	anomalia*	3	-1	1	3	-2	0	-2	1	3	3
T. max	osservata	21	23	24	23	25	21	23	22	22	21
	anomalia*	1	2	4	5	4	1	4	1	2	2
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

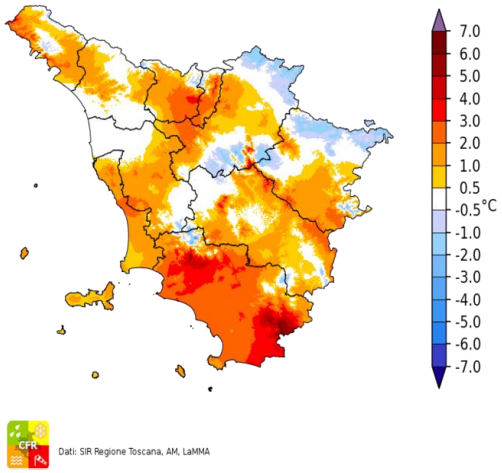
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 28/04/2022



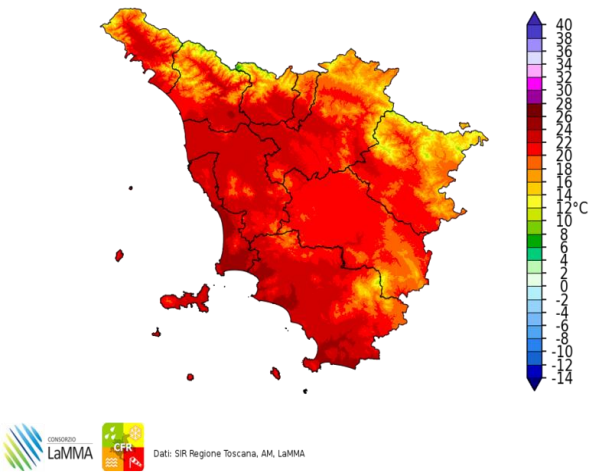
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 28/04/2022 e 27/04/2022



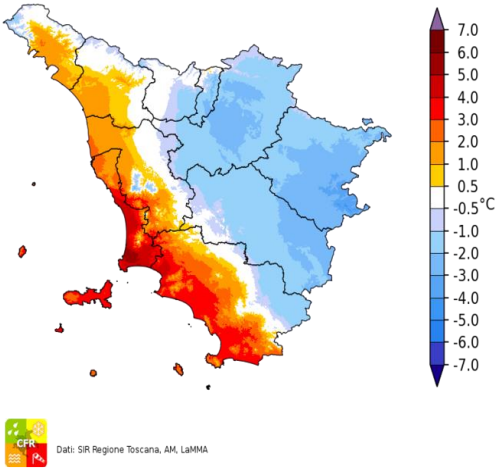
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 28/04/2022



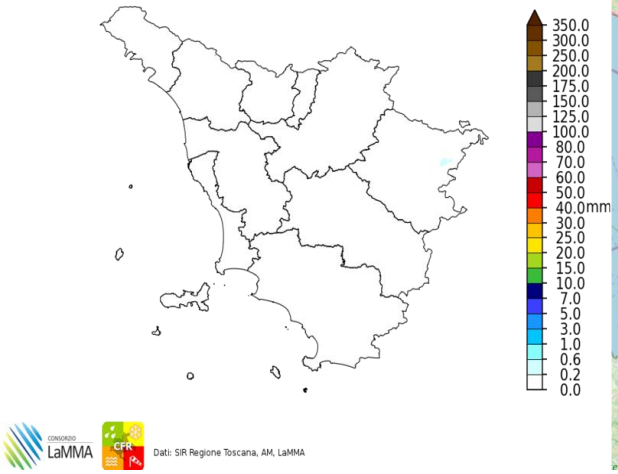
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 28/04/2022 e 27/04/2022



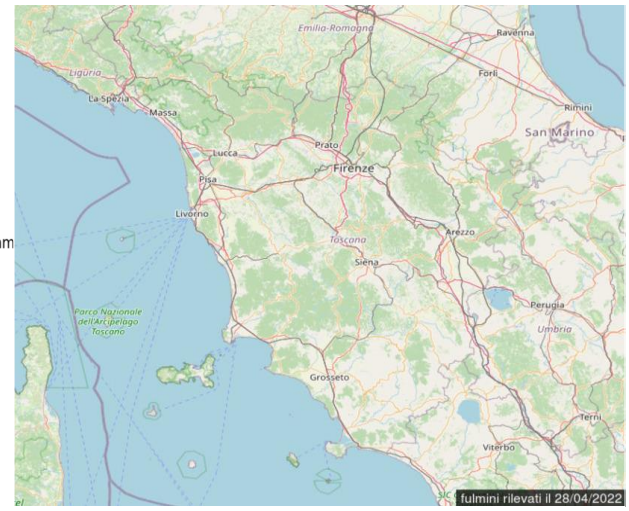
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 28/04/2022



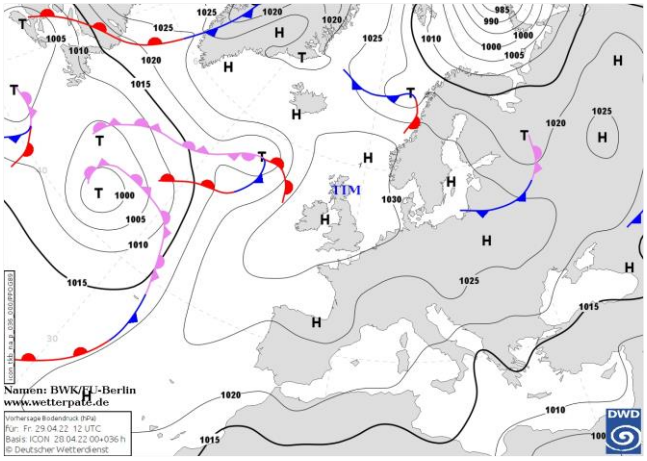
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 28 Aprile

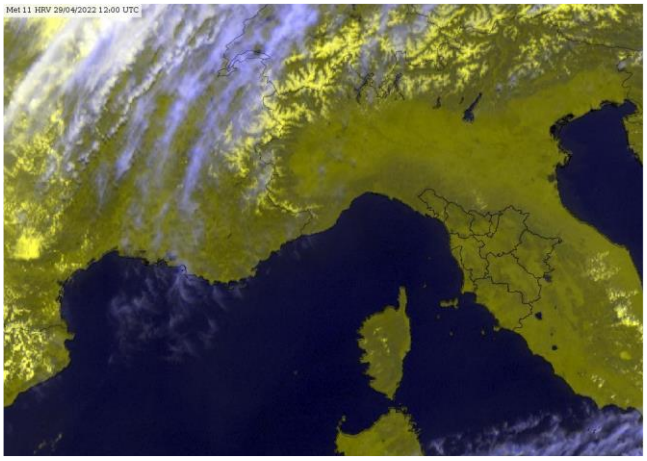


Venerdi' 29 Aprile 2022

Situazione: alta pressione sull'Europa settentrionale, mentre due depressioni si mantengono sul Mediterraneo meridionale e sud orientale. Condizioni di stabilità e correnti fresche e asciutte nord orientali interessano la nostra regione.

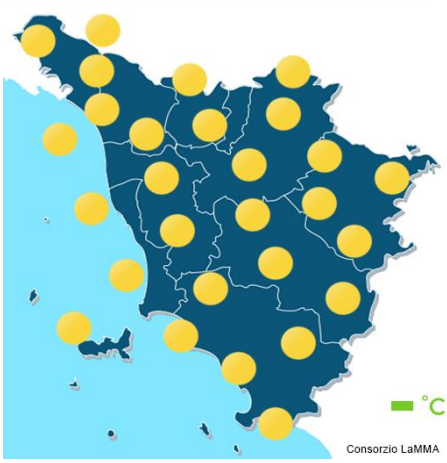


Pressione al suolo e fronti del 29 Aprile alle 12 UTC

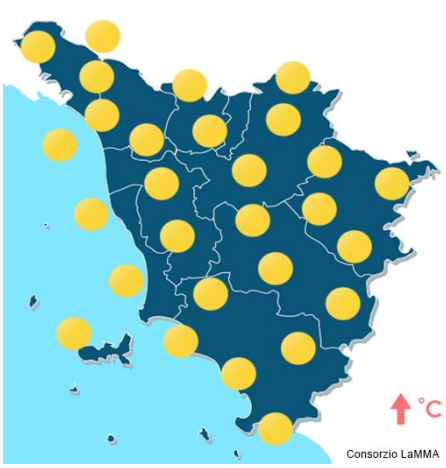


Meteosat HRV del 29 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno.

Fenomeni: nessuno.

Venti: tra deboli e moderati da nord-est con locali forti raffiche.

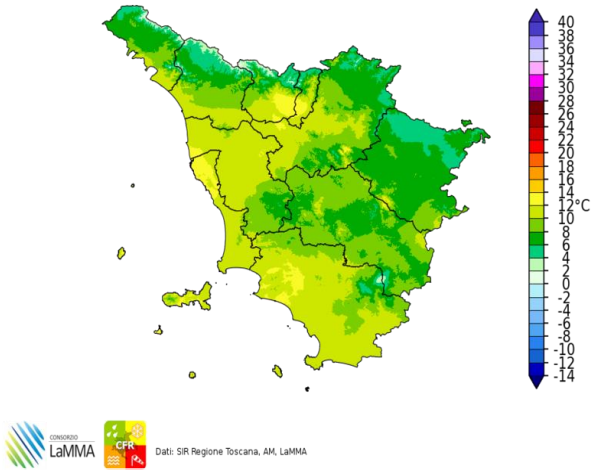
Mari: poco mossi sotto costa, mossi al largo.

Temperature: minime stazionarie o in lieve calo, massime in aumento sulle aree pianeggianti e sulla costa, stazionarie o in lieve calo sui rilievi.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	6	7	6	16	10	12	4	14	13	12
	anomalia*	0	-2	-2	4	0	1	-4	5	3	3
T. max	osservata	21	22	24	22	24	21	23	22	22	21
	anomalia*	1	1	4	4	3	2	3	1	1	2
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

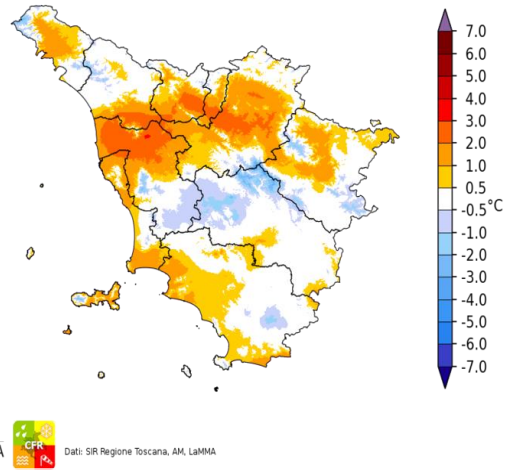
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 29/04/2022



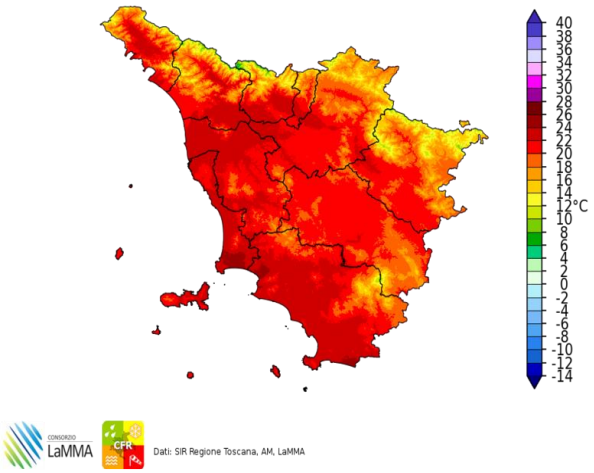
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 29/04/2022 e 28/04/2022



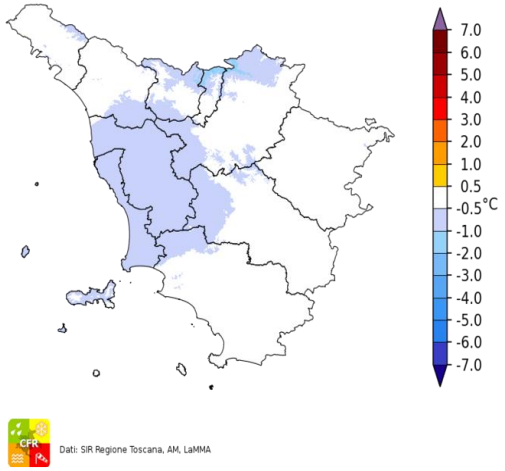
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 29/04/2022



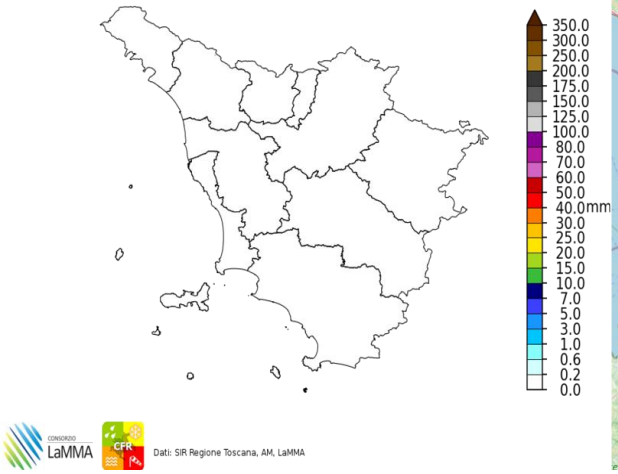
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 29/04/2022 e 28/04/2022



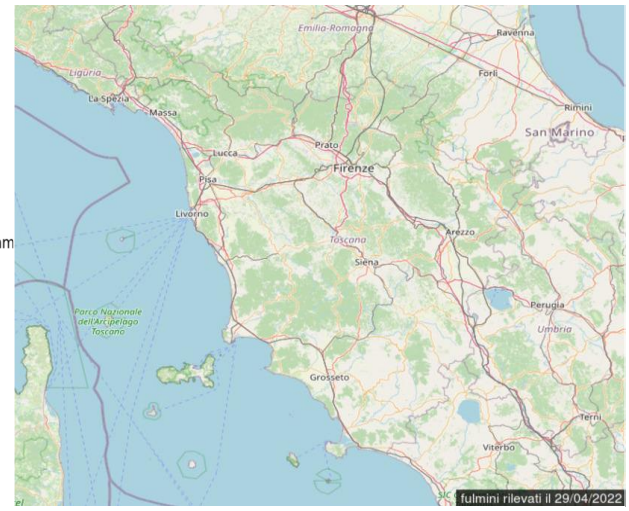
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 29/04/2022



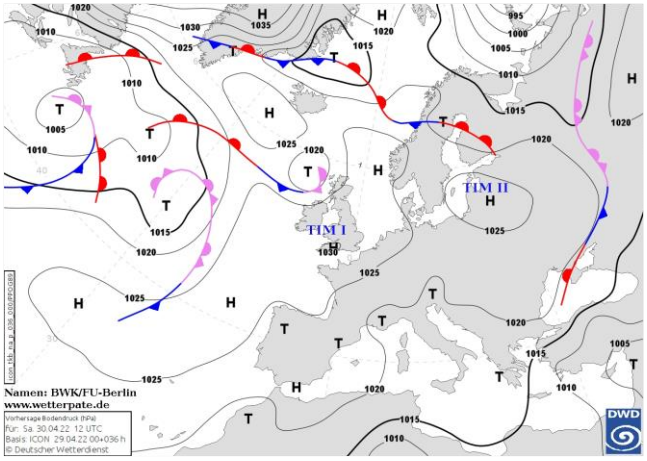
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 29 Aprile

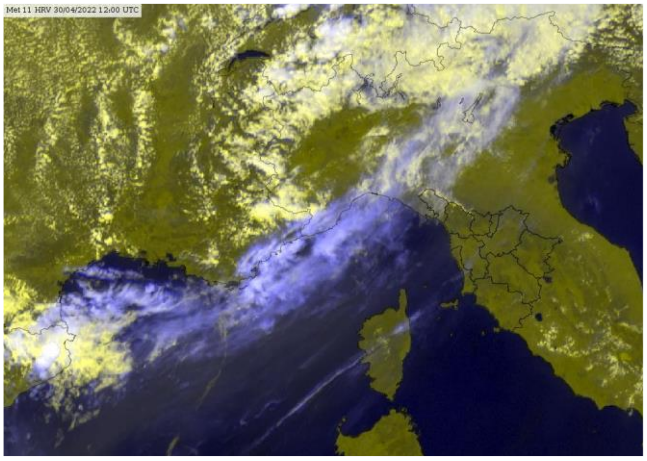


Sabato 30 Aprile 2022

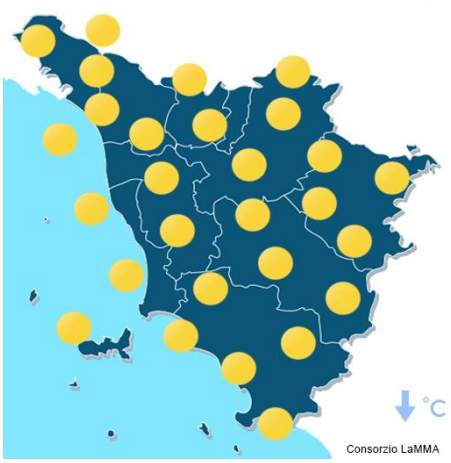
Situazione: un nucleo di aria fredda in quota si muove dalla Francia verso l'Italia.



Pressione al suolo e fronti del 30 Aprile alle 12 UTC


Meteosat HRV del 30 Aprile alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: inizialmente sereno o poco nuvoloso; graduale aumento della nuvolosità dal pomeriggio soprattutto sulle zone nord-occidentali.

Fenomeni: isolate piogge in serata sull'Appennino tosco-emiliano.

Venti: deboli da nord est con componente di brezza nel pomeriggio lungo la costa (fino a localmente moderati di Maestrale).

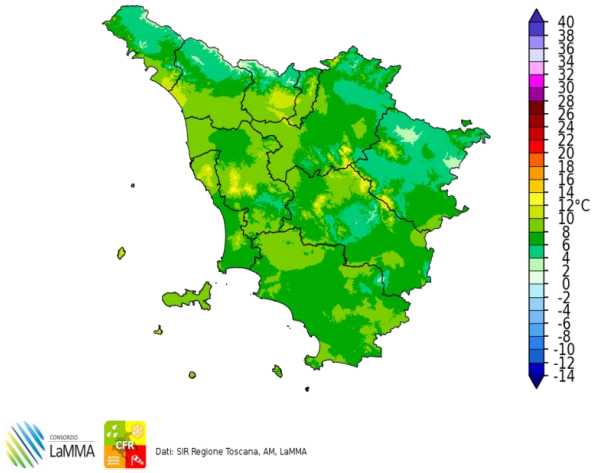
Mari: poco mossi.

Temperature: minime in calo, massime in aumento nelle zone interne.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	4	7	6	14	8	10	4	12	12	10
	anomalia*	-2	-2	-2	3	-1	-1	-4	3	2	1
T. max	osservata	23	24	22	21	24	20	21	23	24	22
	anomalia*	3	3	2	3	3	1	2	2	3	3
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

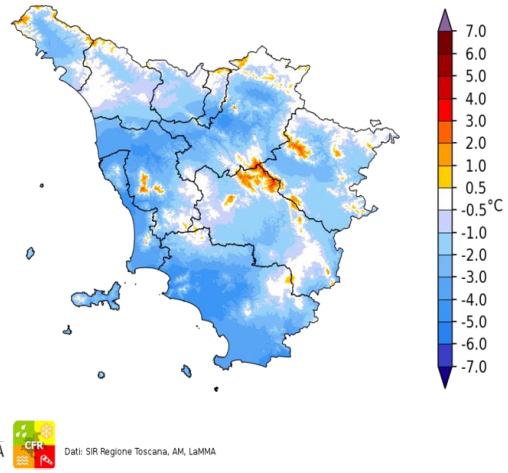
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 30/04/2022



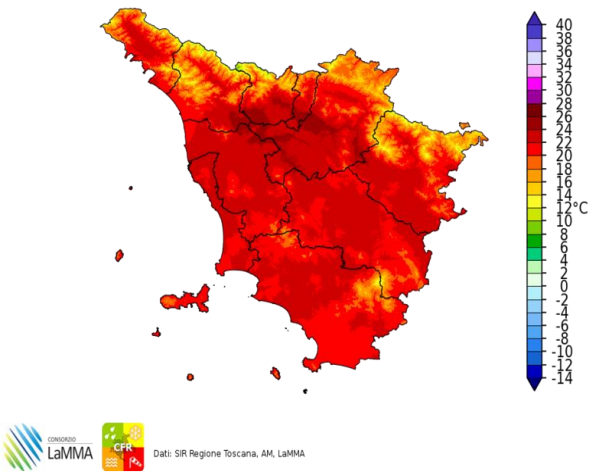
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 30/04/2022 e 29/04/2022



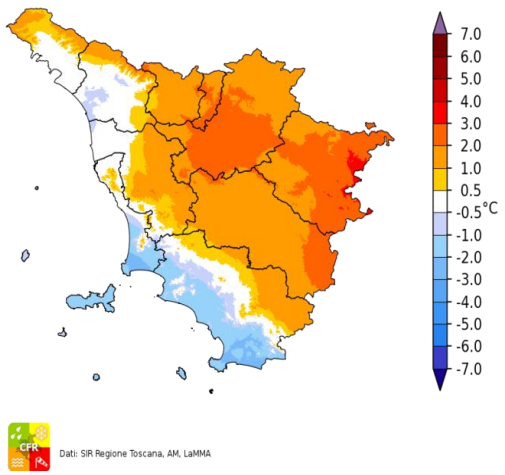
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 30/04/2022



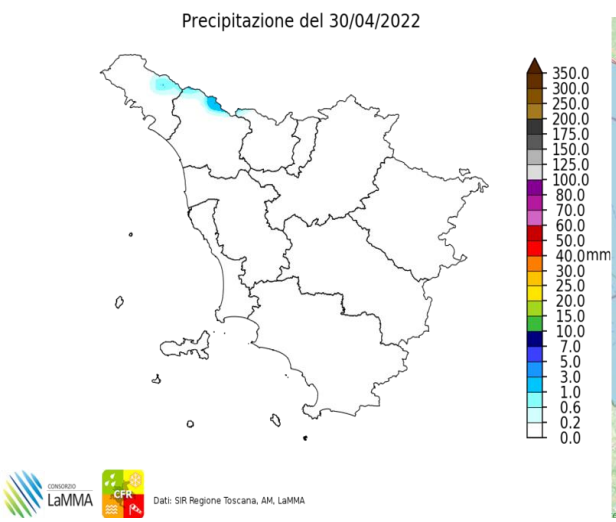
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 30/04/2022 e 29/04/2022



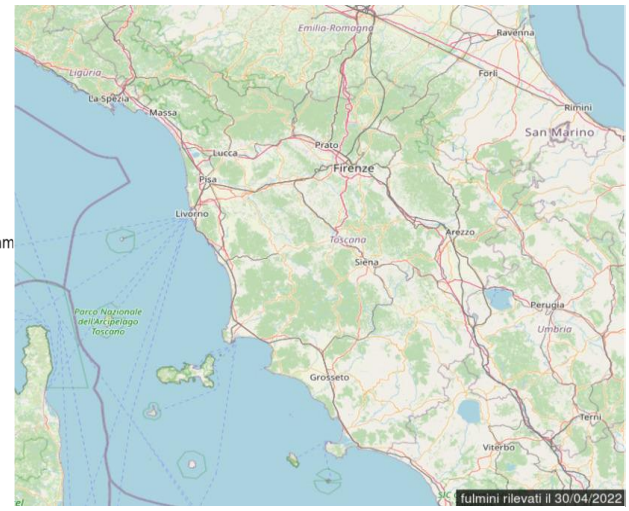
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 30/04/2022



Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 30 Aprile

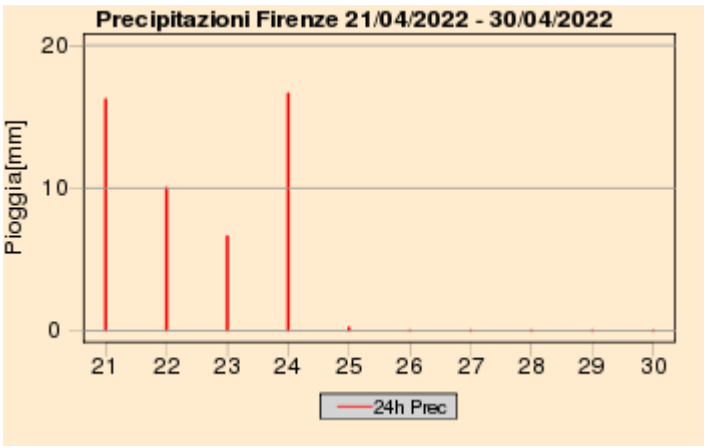


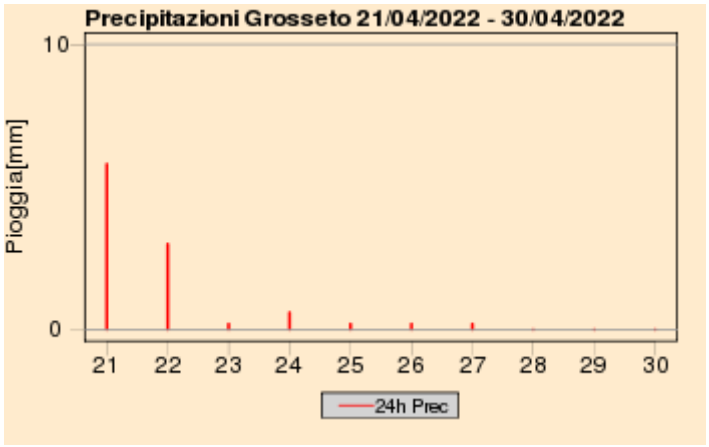
III decade - Quadro regionale – Precipitazioni

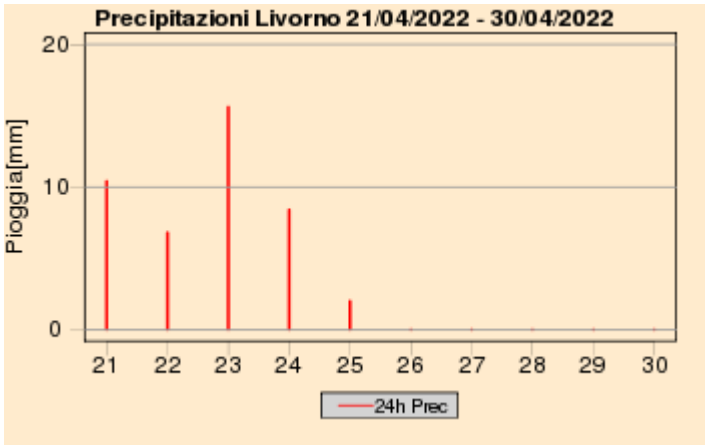
La terza decade di aprile è stata caratterizzata inizialmente dal transito di perturbazione che hanno portato precipitazioni diffuse e localmente abbondanti, in particolare sul nord della regione; da metà decade si è assistito ad un deciso rialzo della pressione e non si sono di fatto più osservate piogge di rilievo.

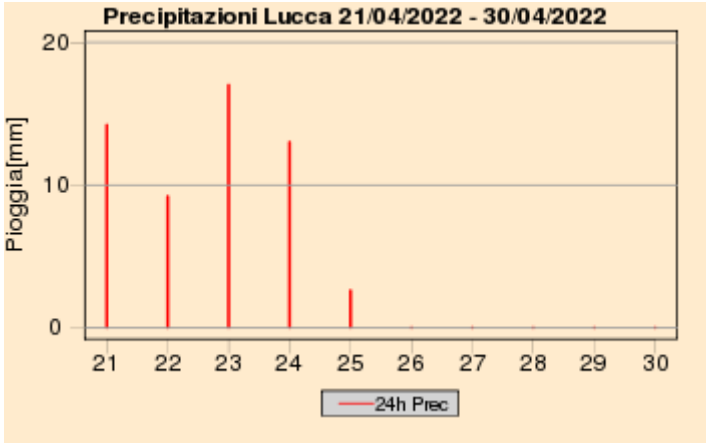
Si riportano cumulato oltre i 50 mm su tutte le zone centrali e settentrionali della regione con punte fino a oltre 100 mm in Appennino; solo sulla bassa maremma i cumulati sono risultati scarsi e inferiori alle medie.

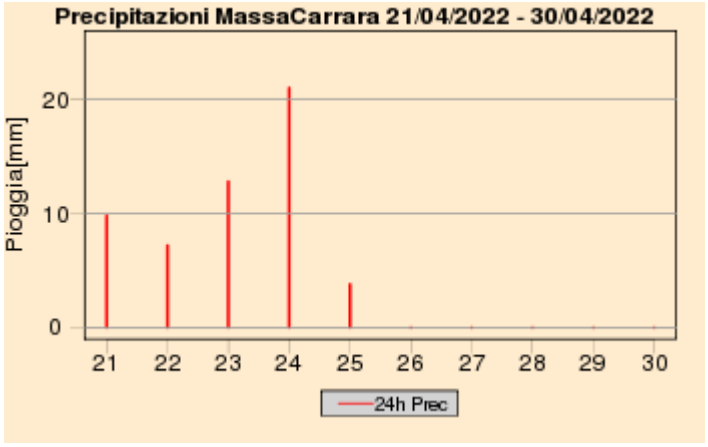


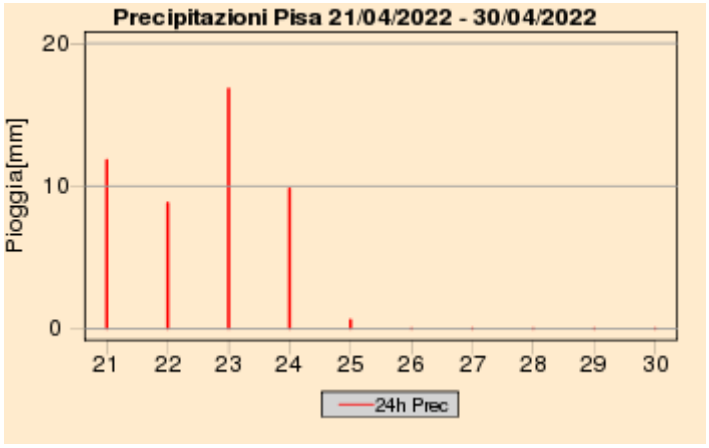


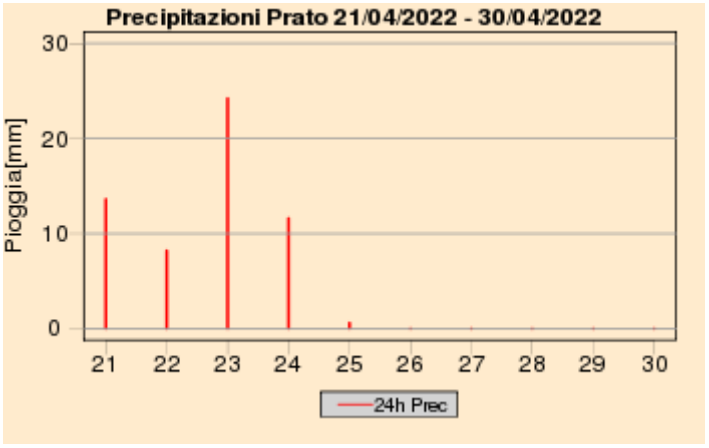


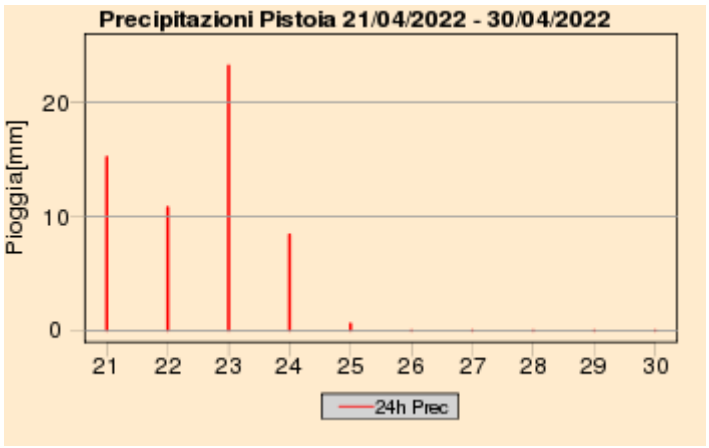


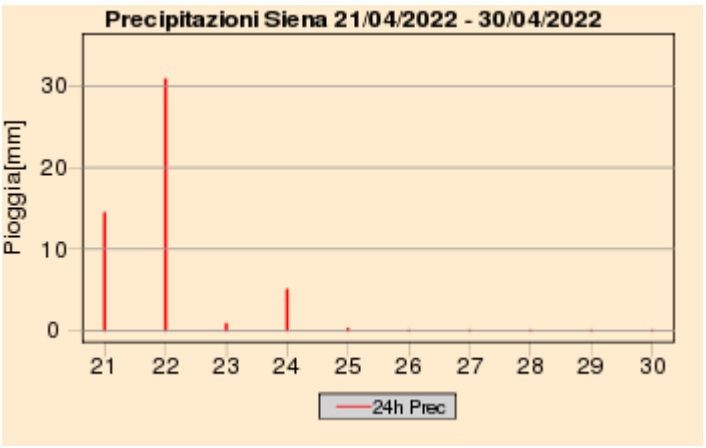




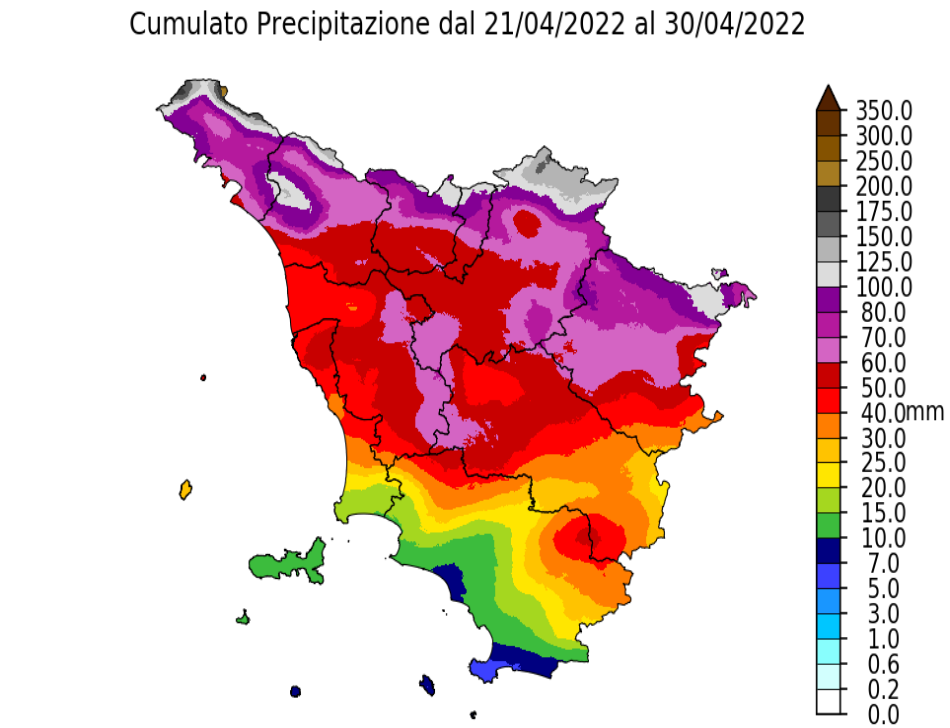






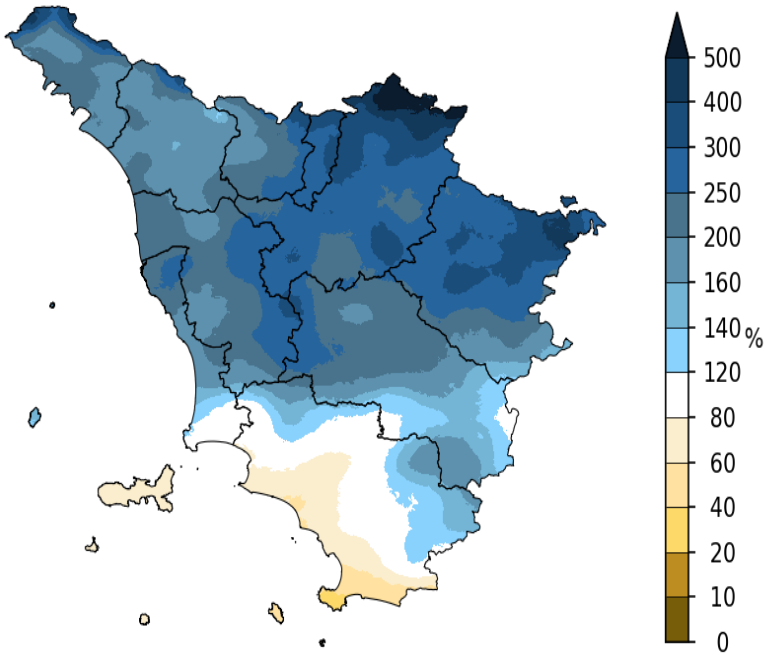


Quadro regionale – Cumulati decadali di precipitazione, anomalia di precipitazione e numero di giorni di pioggia



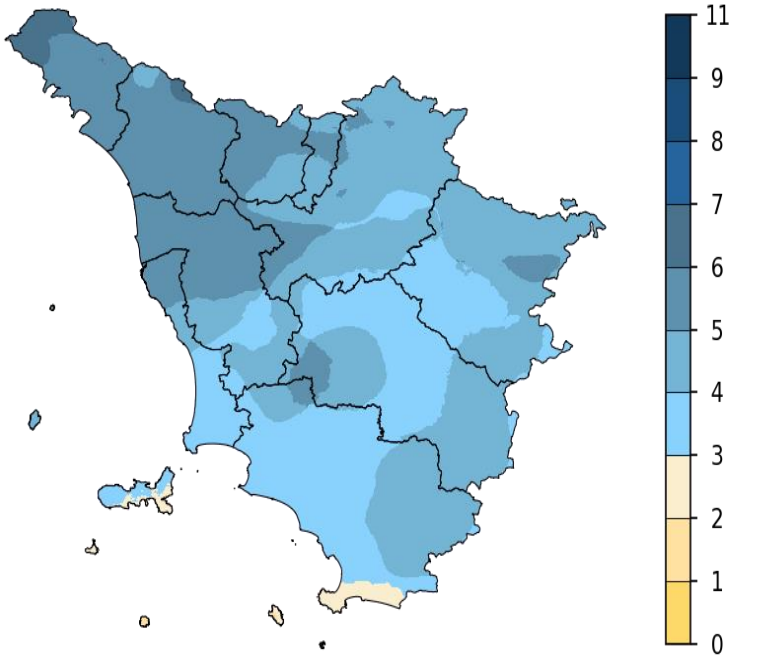
Dati: SIR Regione Toscana, AM, LaMMA

Percentuale di Precipitazione rispetto alla media climatica
dal 21/04/2022 al 30/04/2022



Dati: SIR Regione Toscana, AM, LaMMA

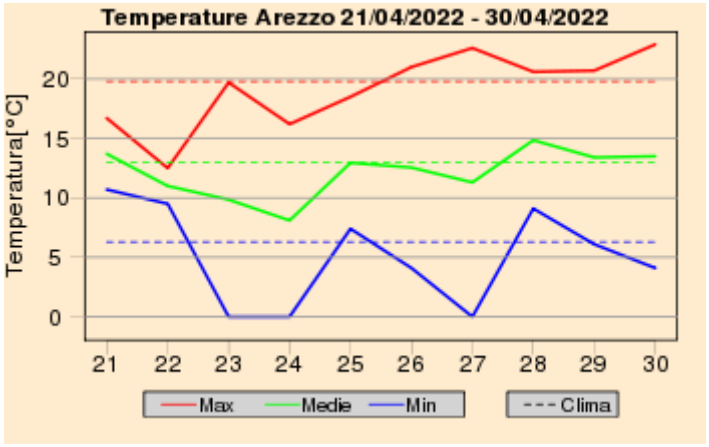
Giorni con Pioggia ≥ di 1 mm dal 21/04/2022 al 30/04/2022

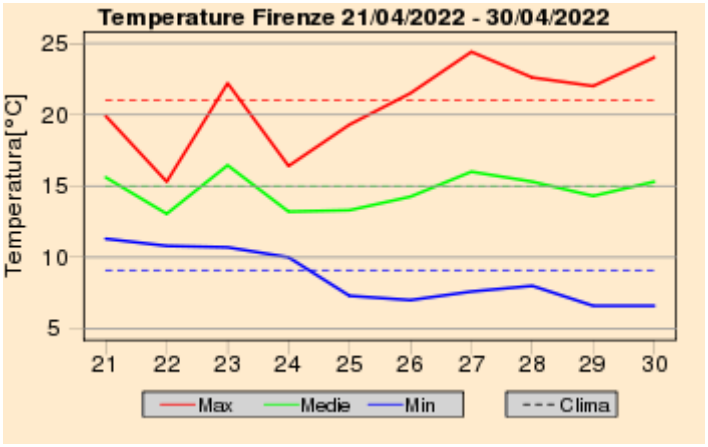


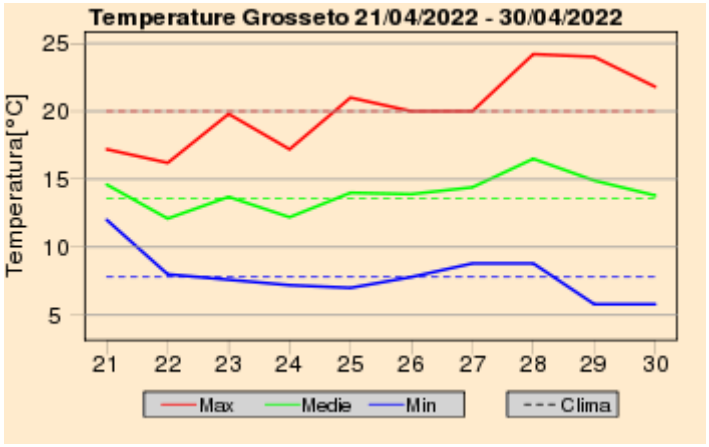
Dati: SIR Regione Toscana, AM, LaMMA

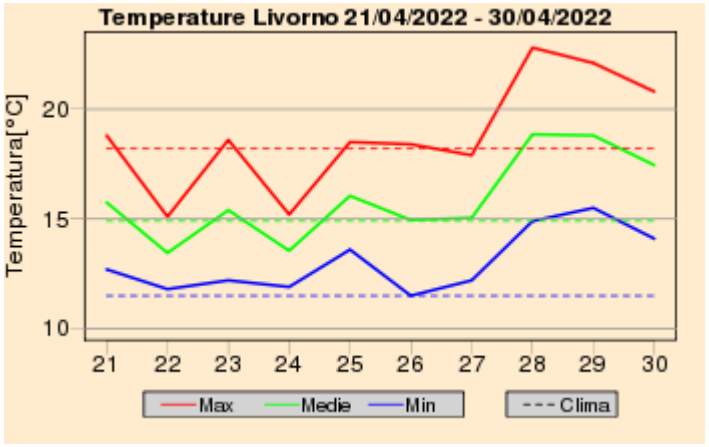
III decade - Quadro regionale – Temperature

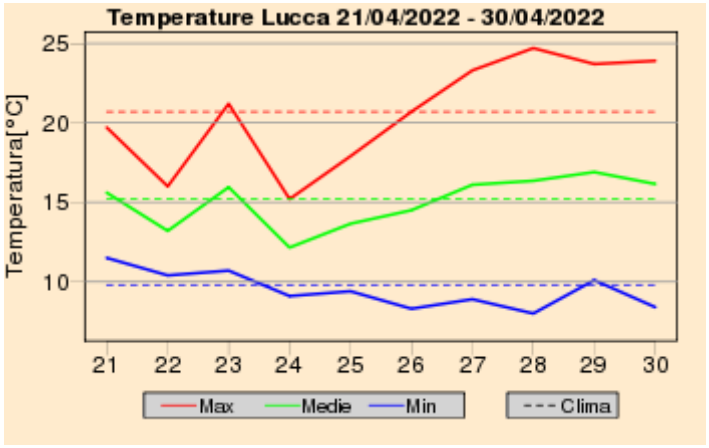
Dal punto di vista termico la terza decade di Aprile ha fatto registrare nel complesso temperature leggermente inferiori rispetto a quelle tipiche calcolate sul trentennio 1981-2010. Le minime in particolare sulle zone interne si sono quasi sempre mantenute al di sotto dei gradi; le massime non hanno mai superato i 25 gradi.

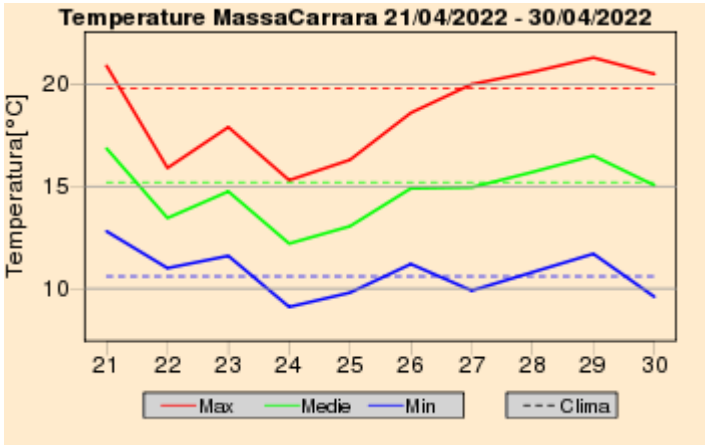


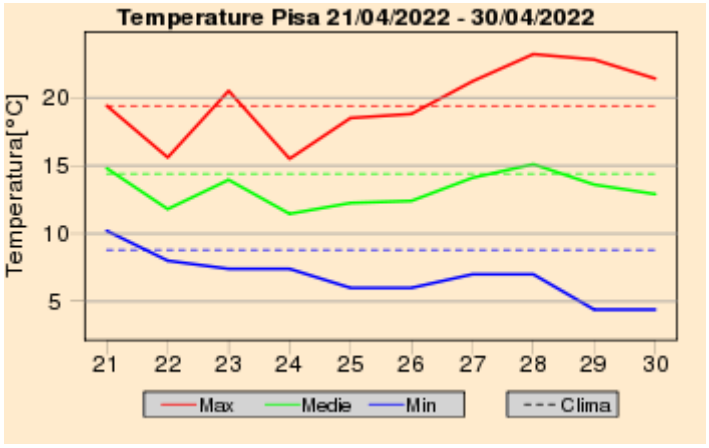


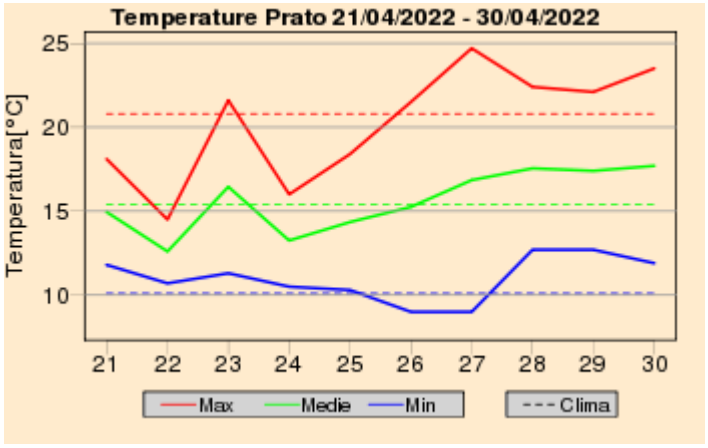


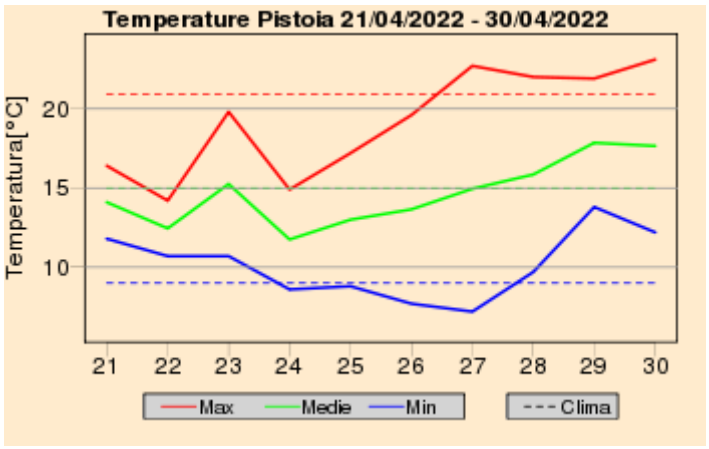


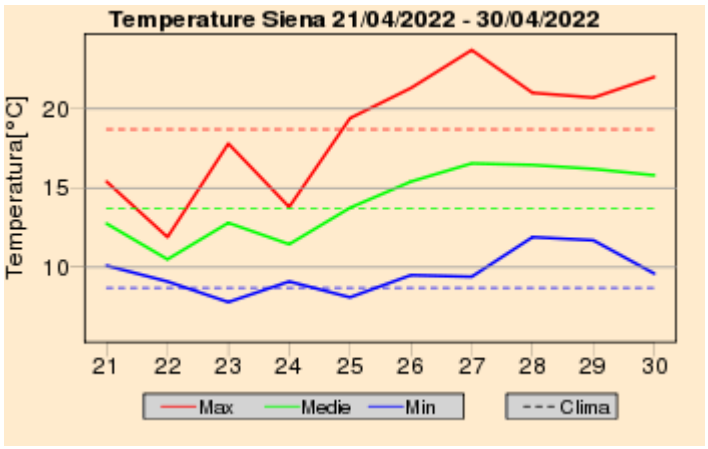




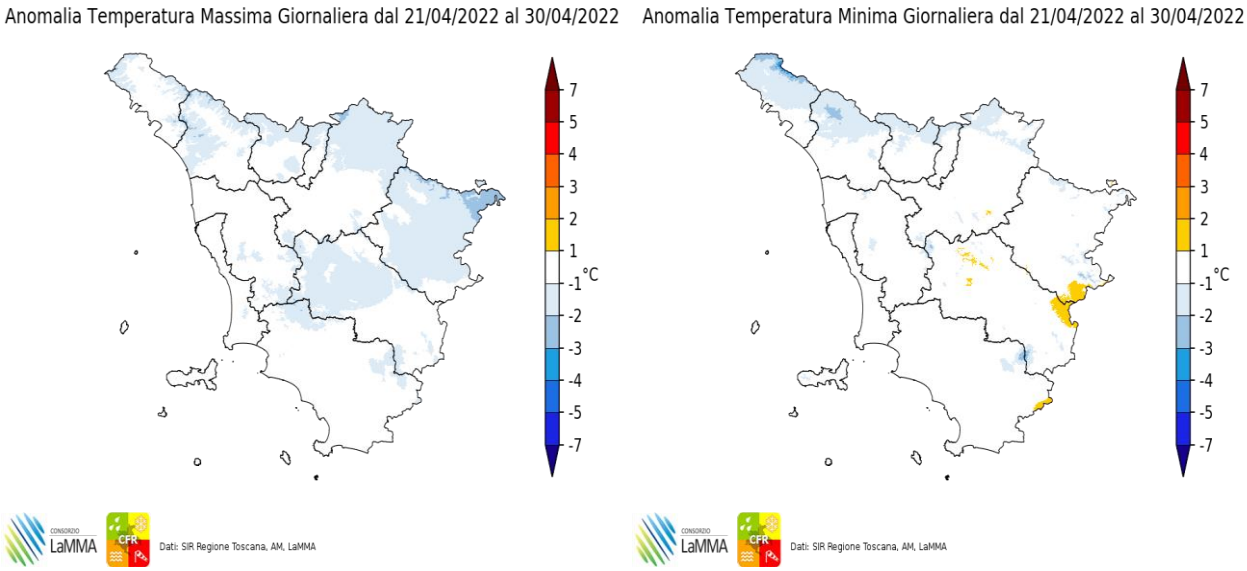








Quadro regionale – Anomalie termiche



Anomalia termica decadale per le temperature massime e minime giornaliere

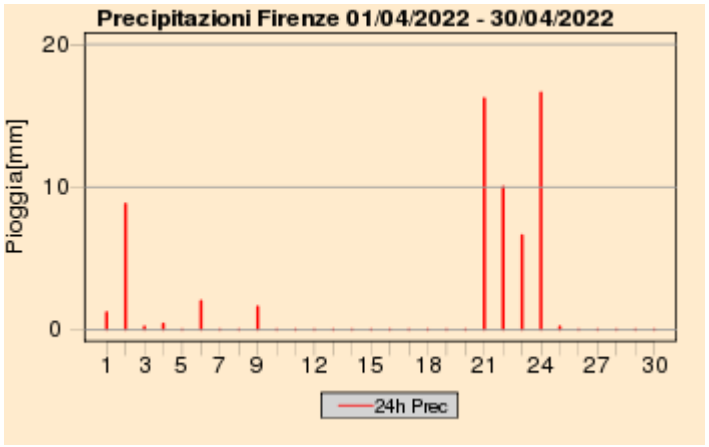
Riepilogo Mensile

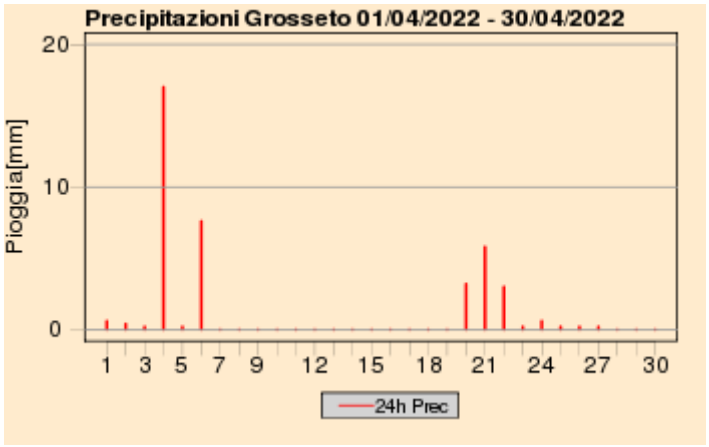
Grafici mensili: Precipitazioni

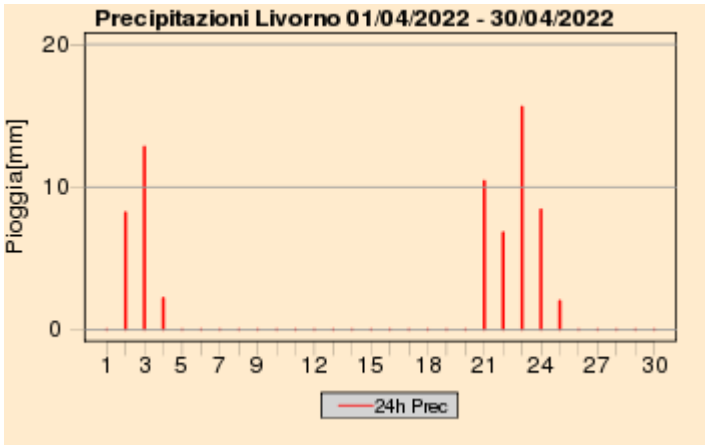
Le piogge osservate nel mese di Aprile sono risultate in media con i valori tipici climatologici del periodo 1981-2010; si sono infatti cumulati quasi ovunque superiori a 50 mm con punte fono a oltre 100-150 sui settori appenninici. Solo sulla costa maremmana si riporta un debole deficit precipitativo. le piogge si sono concentrate principalmente a inizio decade e successivamente tra il 20 e il 25 del mese.

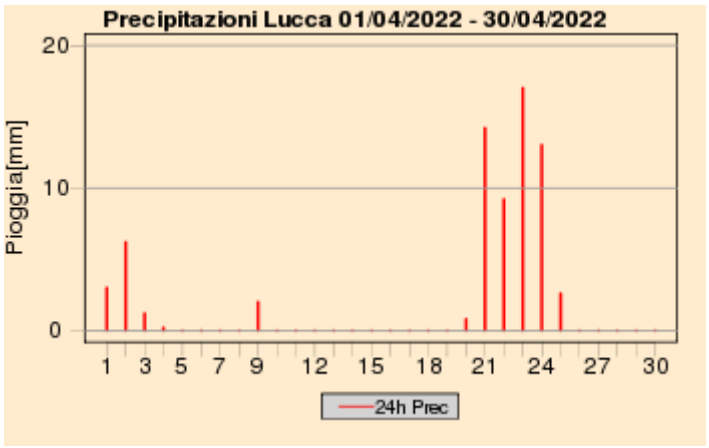
Quadro regionale – Precipitazioni osservate nei capoluoghi

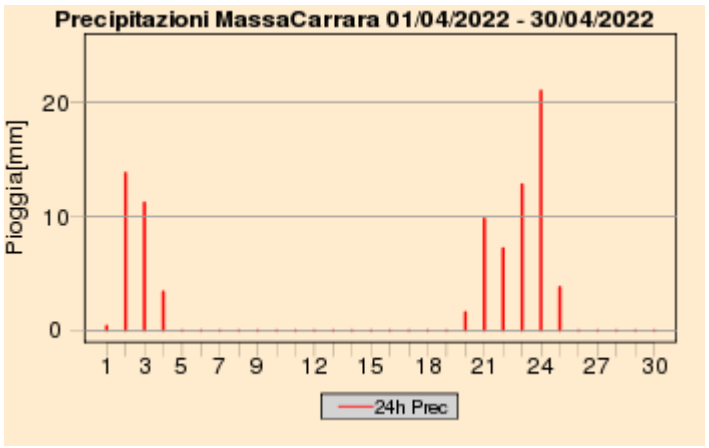


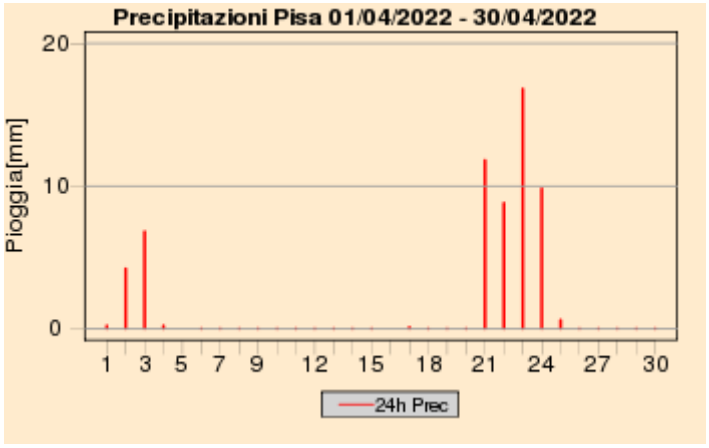


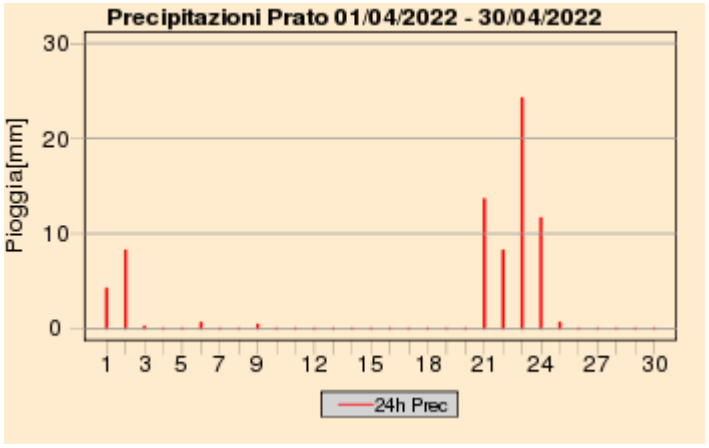


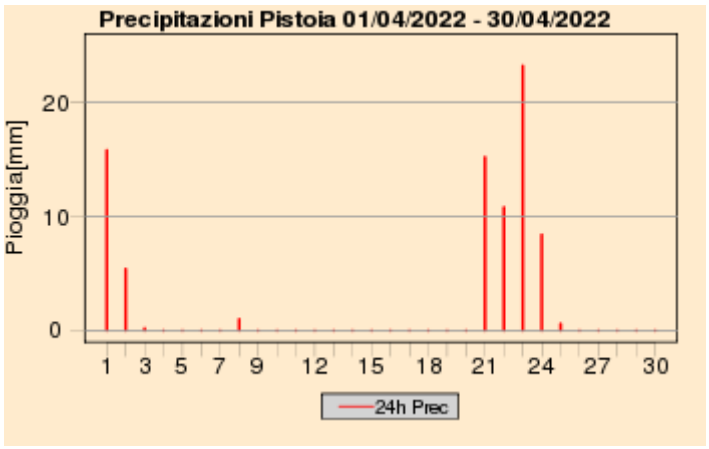


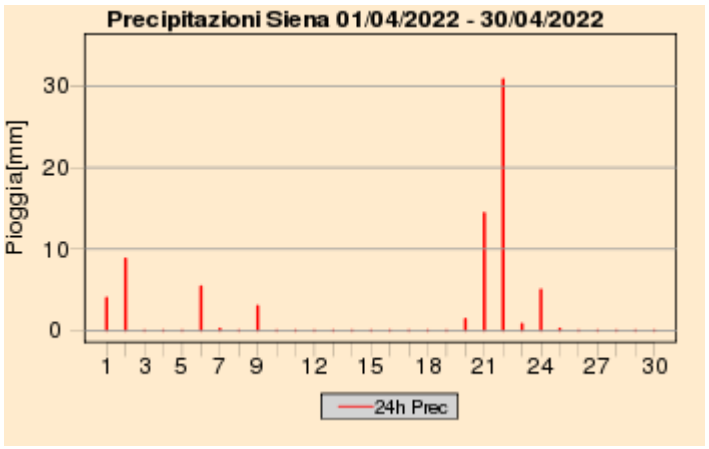




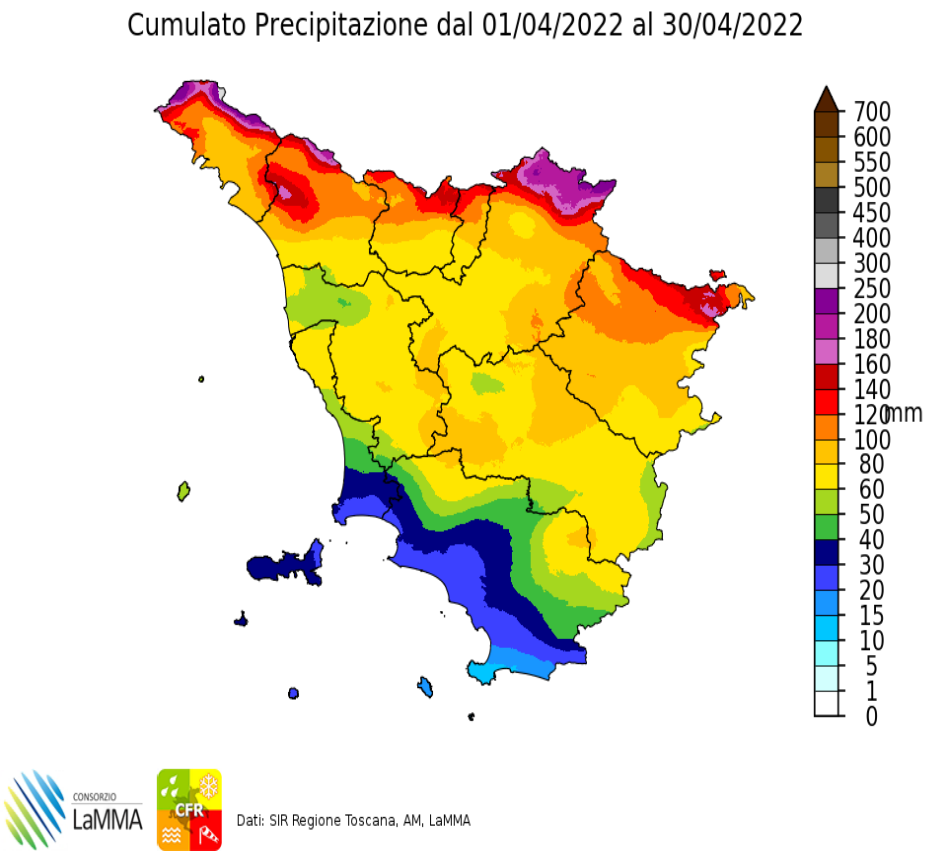






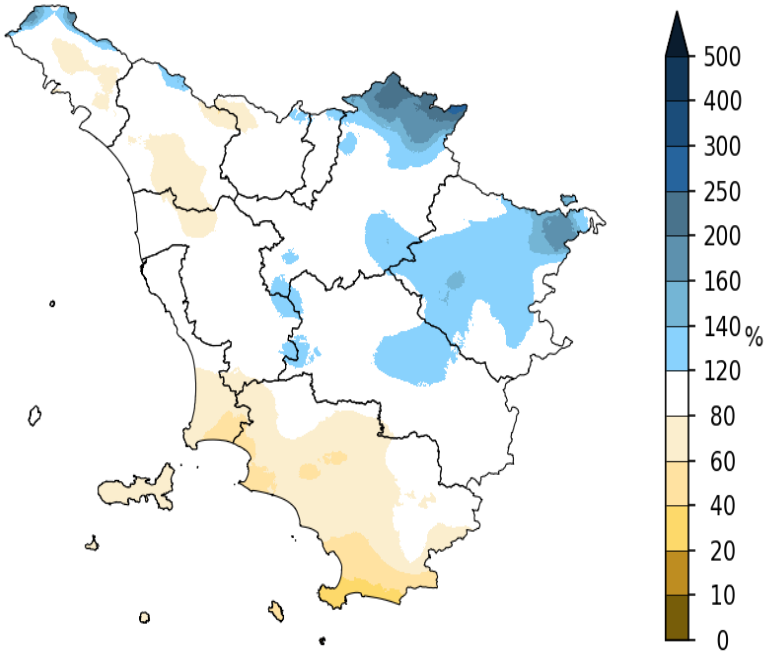


Quadro regionale – Cumulati mensili di precipitazione



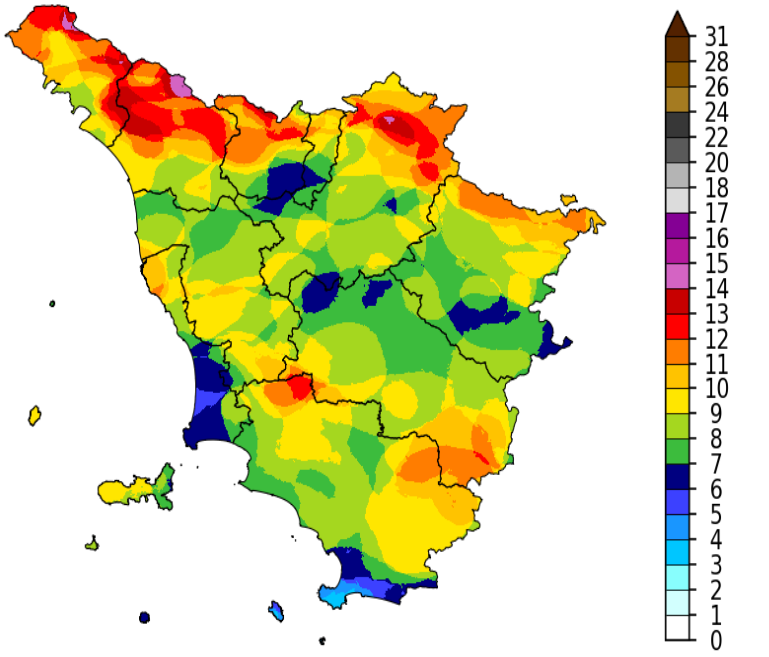
Cumulati mensili di precipitazione sul territorio regionale (Aprile 2022)

Percentuale di Precipitazione rispetto alla media climatica
dal 01/04/2022 al 30/04/2022



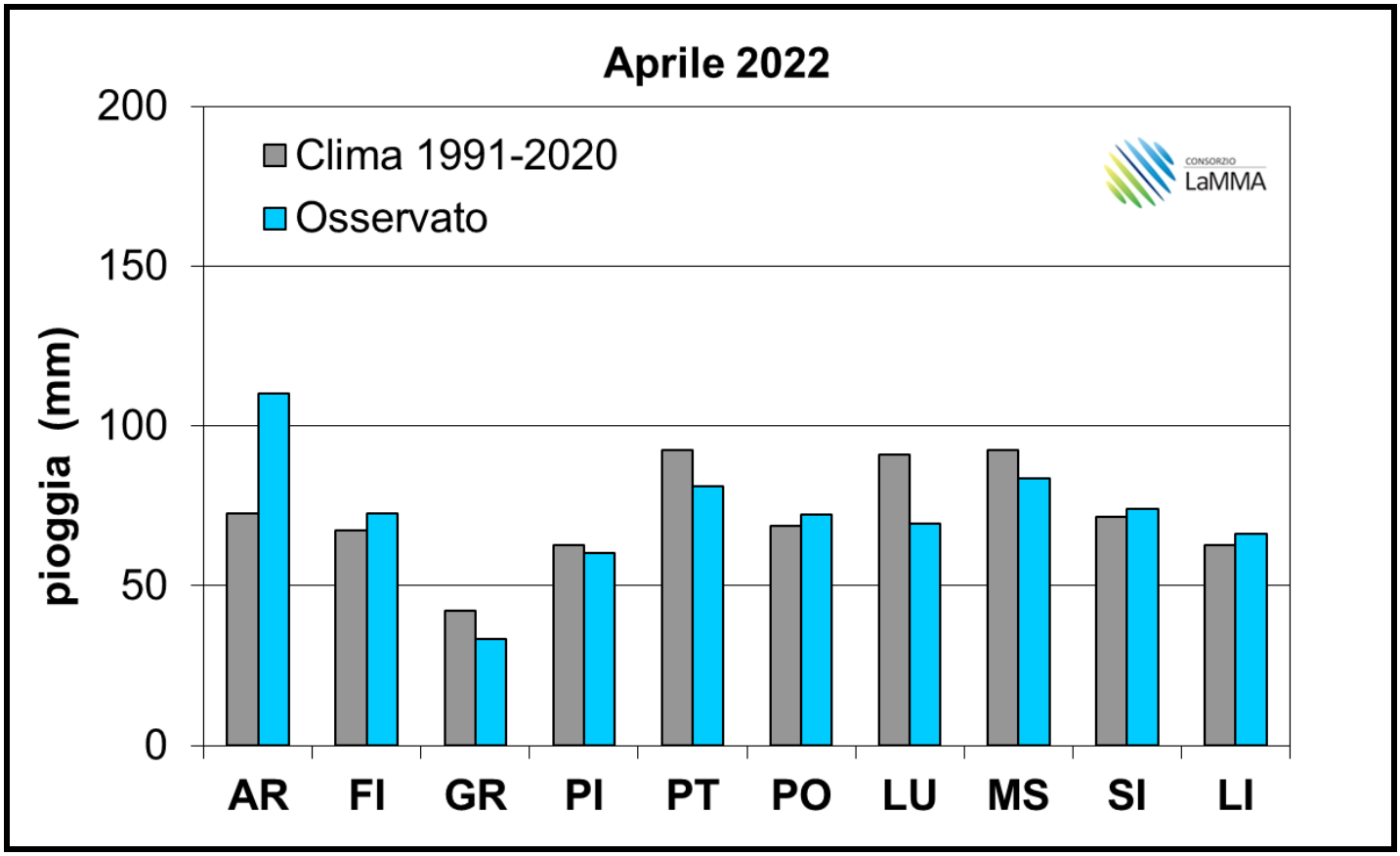
Dati: SIR Regione Toscana, AM, LaMMA

Giorni con Pioggia ≥ di 1 mm dal 01/04/2022 al 30/04/2022

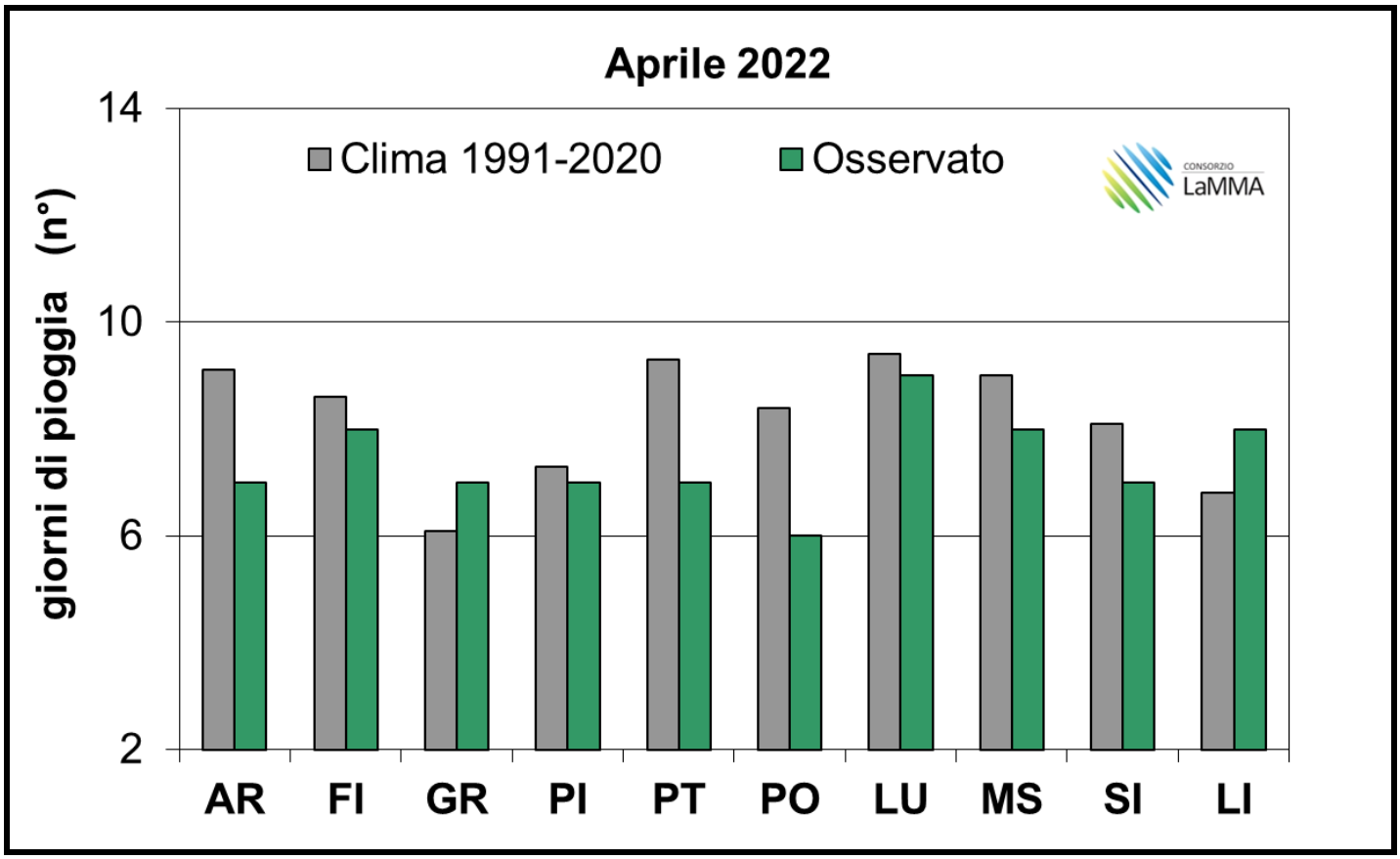


Dati: SIR Regione Toscana, AM, LaMMA

Quadro regionale – Anomalie di precipitazione e del numero di giorni piovosi nei capoluoghi



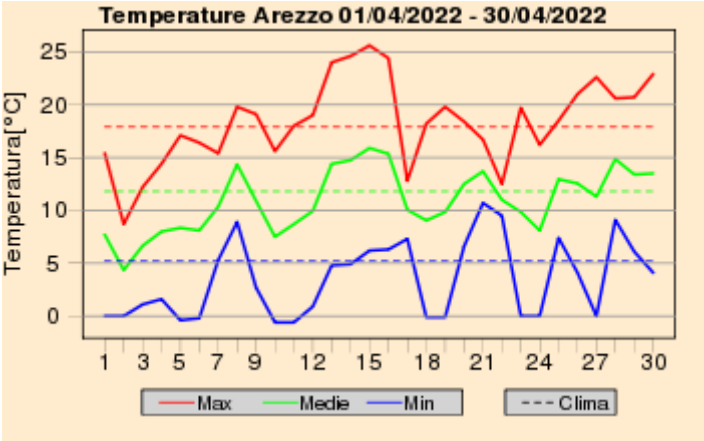
Deficit/surplus di precipitazione osservato nei capoluoghi toscani (Aprile 2022)

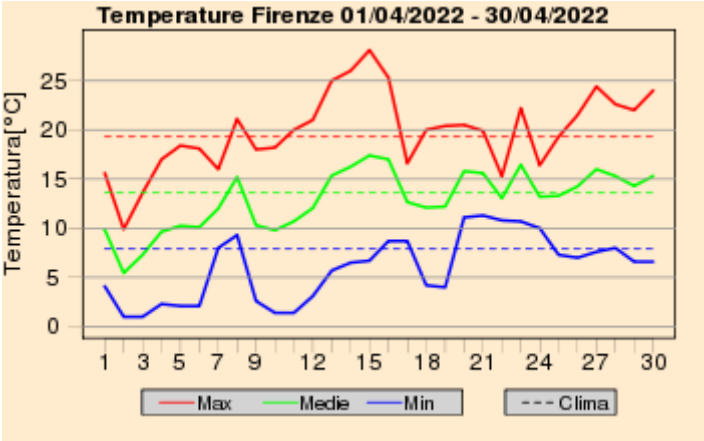


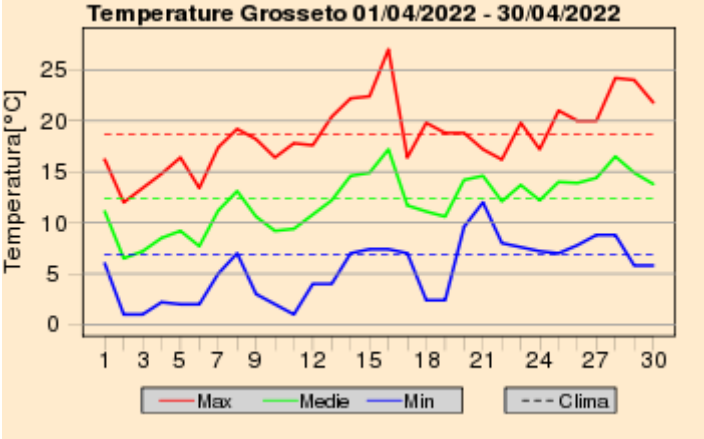
Deficit/surplus di giorni piovosi osservato nei capoluoghi toscani (Aprile 2022)

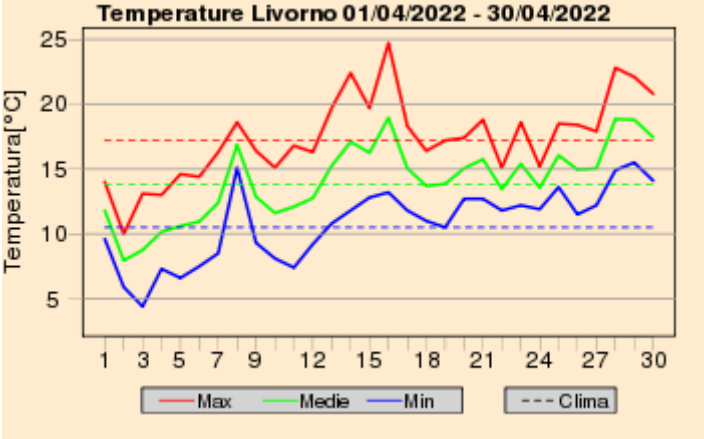
Grafici mensili: Temperature

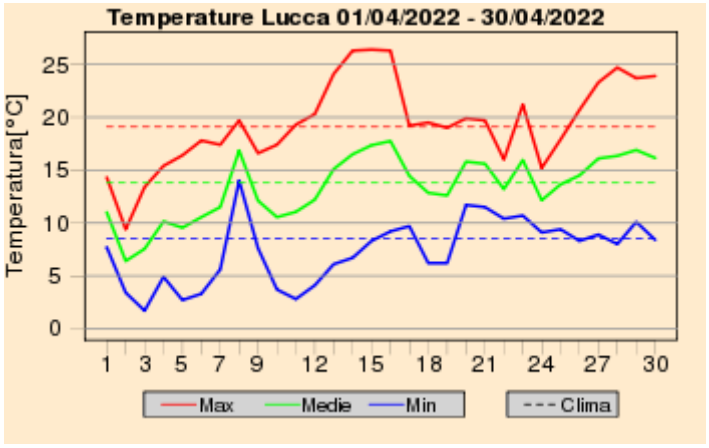
Dal punto di vista termico il mese di Aprile è risultato leggermente più freddo rispetto alla normale climatica calcolata sul trentennio 81-2010.
Le maggiori anomalie negative sono state osservate per i valori minimi giornalieri, che sono risultati fino a 2 °C inferiori rispetto alla media; non si sono tuttavia osservate gelate in pianura di rilievo. pPù contenente le anomalie negative per quanto riguarda invece i valori minimi giornalieri, cha hanno fatto registrare scarti negativi dalle medie inferiori a 1 °C.

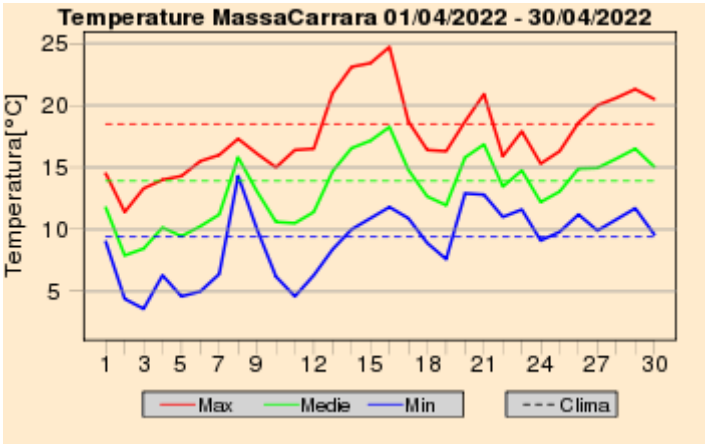


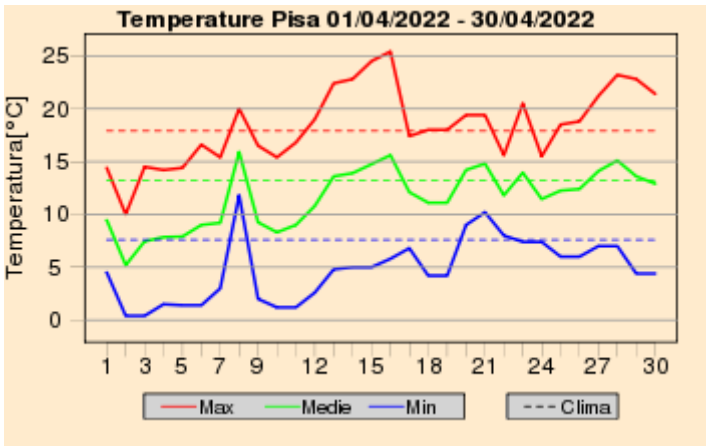


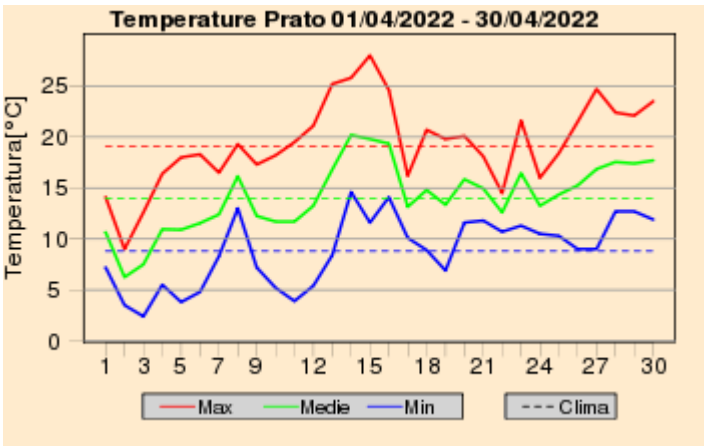


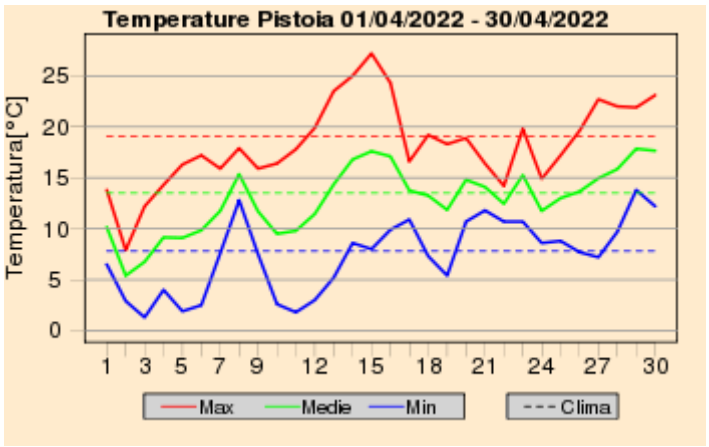


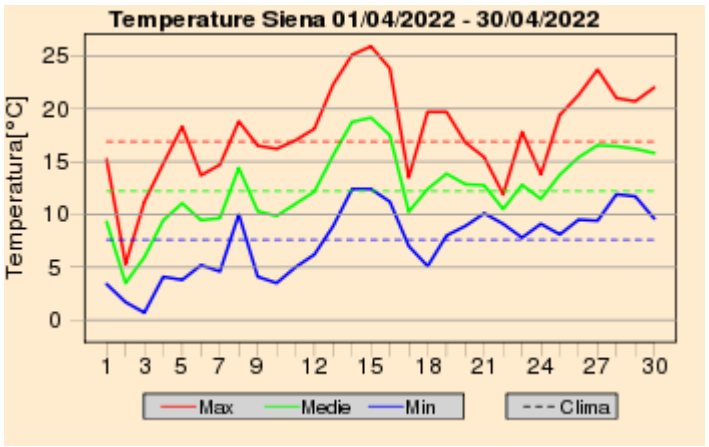

Temperature Lucca 01/04/2022 - 30/04/2022
Temperatura[°C]
Max
Medie
Min
Clima


Temperature MassaCarrara 01/04/2022 - 30/04/2022
Temperatura[°C]
Max
Medie
Min
Clima

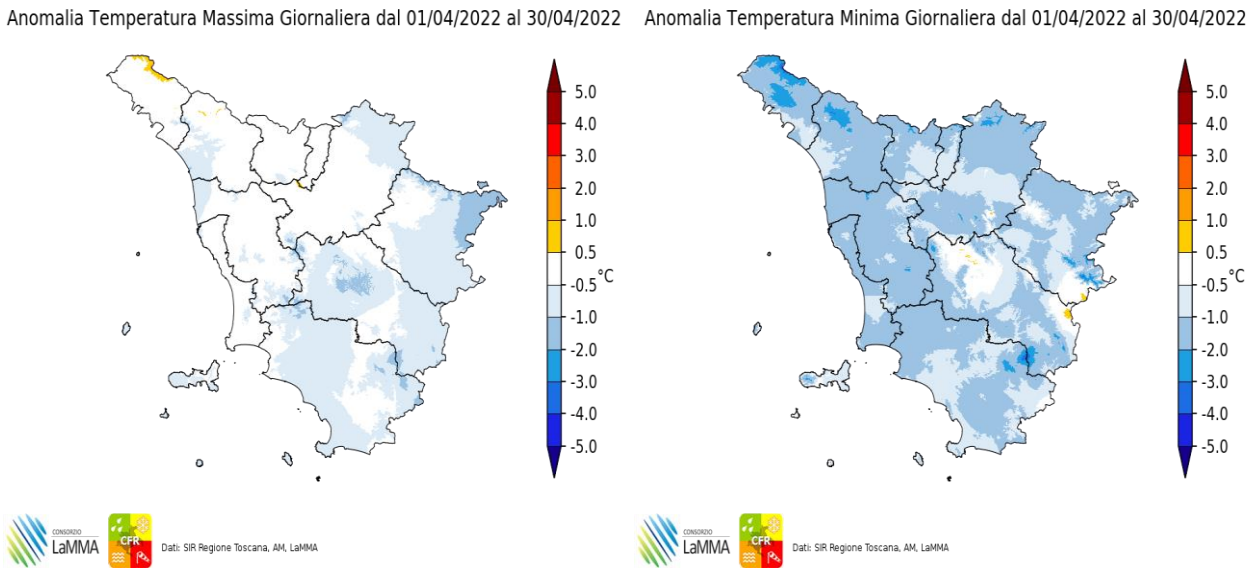

Temperature Pisa 01/04/2022 - 30/04/2022
Temperatura[°C]
Max
Medie
Min
Clima


Temperature Prato 01/04/2022 - 30/04/2022
Temperatura[°C]
Max
Medie
Min
Clima

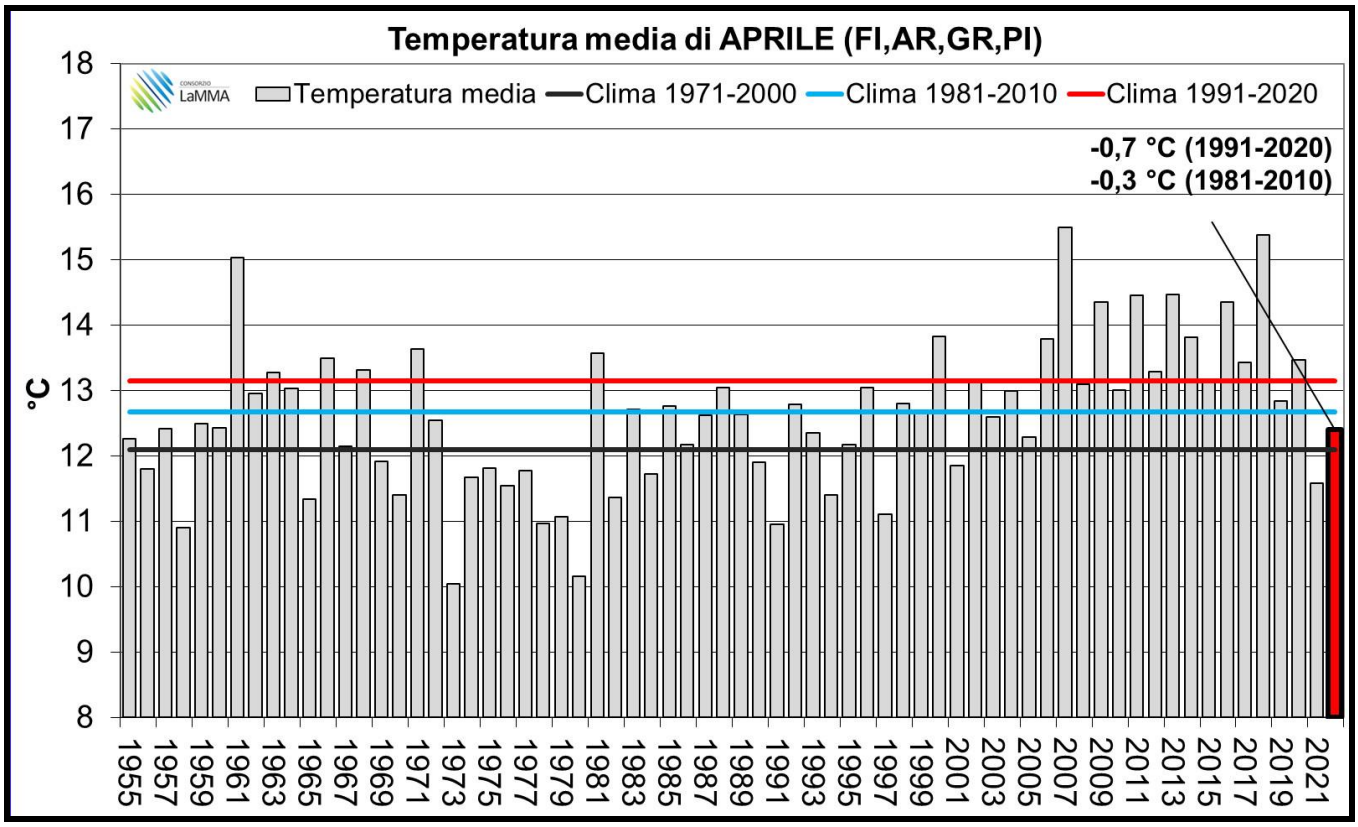

Temperature Pistoia 01/04/2022 - 30/04/2022
Temperatura[°C]
Max
Medie
Min
Clima


Temperature Siena 01/04/2022 - 30/04/2022
Temperatura[°C]
Max
Medie
Min
Clima

Quadro regionale – Anomalie termiche



Anomalia termica mensile per le temperature massime e minime giornaliere



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