CONSORZIO LaMMA

meteo

REPORT METEOROLOGICO

Settembre 2020

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

Consorzio LaMMA - Laboratorio di Monitoraggio e Modellistica Ambientale

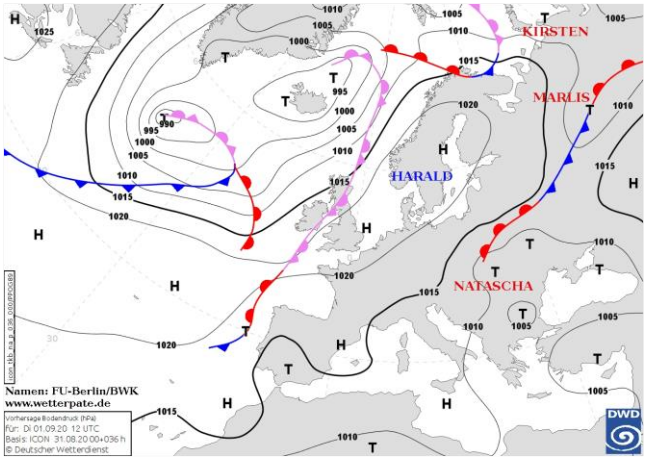
CONSORZIO LaMMA

Regione Toscana

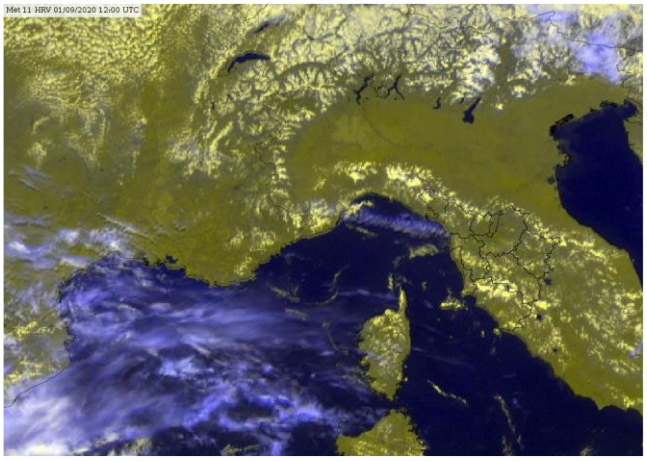
Consiglio Nazionale delle Ricerche

Martedi' 1 Settembre 2020

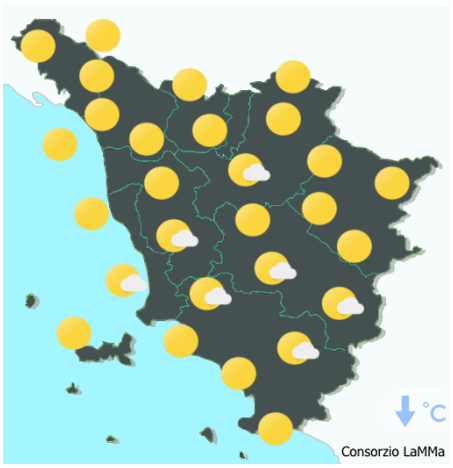
Situazione: pressione in graduale aumento sulla nostra penisola. La presenza di aria fresca in quota mantiene condizioni di moderata instabilità pomeridiana.



Pressione al suolo e fronti del 01 Settembre alle 12 UTC


Meteosat HRV del 01 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nottetempo ancora localmente nuvoloso su Arcipelago e costa centrale; sereno o poco nuvoloso con addensamenti di tipo basso al mattino sulle vallate in rapido dissolvimento; nel pomeriggio addensamenti cumuliformi in Appennino e sulle Metallifere; in serata velature in arrivo da ovest.

Fenomeni: residue piogge nottetempo in Arcipelago e costa centrale; isolati rovesci temporaleschi pomeridiani su Appennino e Metallifere.

Venti: deboli variabili.

Mari: mossi tendenti a poco mossi.

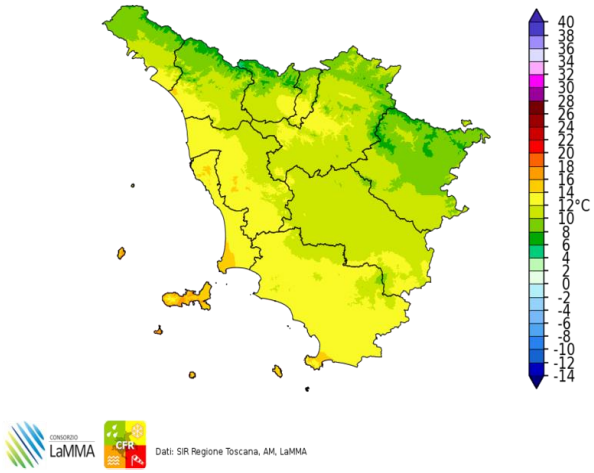
Temperature: minime in calo, massime in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	9	13	13	15	13	14	12	12	13	11
	anomalia*	-3	-2	-2	-4	-3	-3	-4	-3	-3	-5
T. max	osservata	24	27	26	26	26	24	25	25	26	26
	anomalia*	-3	-1	-2	-1	-2	-3	-2	-3	-2	0
Precipitazione (mm/24ore)		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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

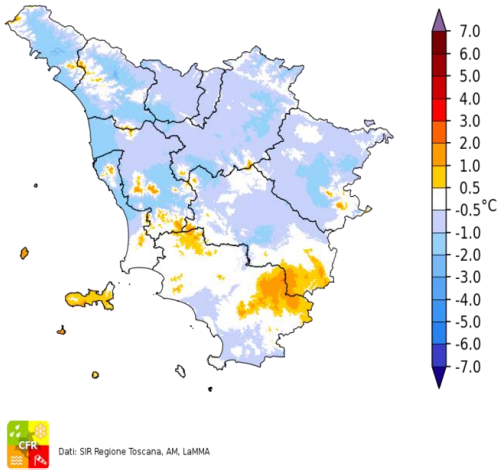
Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 01/09/2020



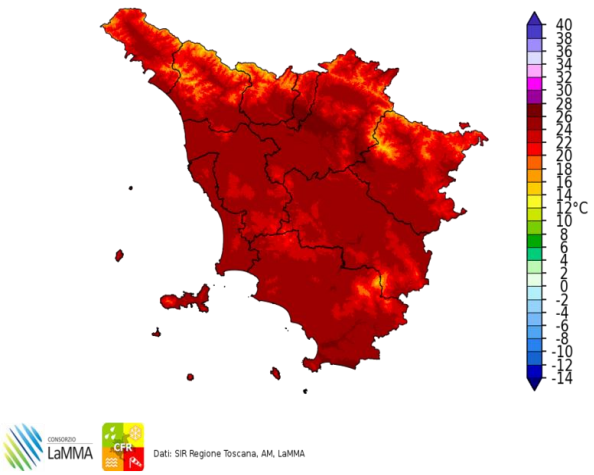
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 01/09/2020 e 31/08/2020



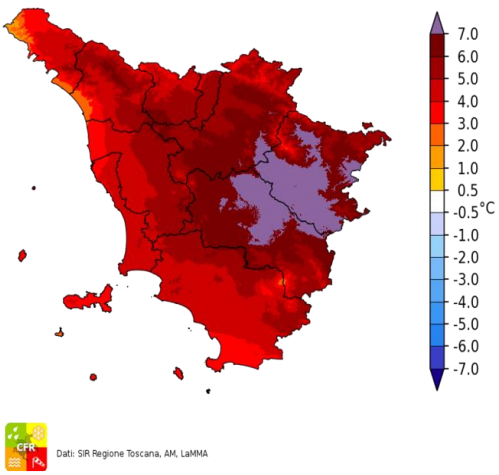
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 01/09/2020



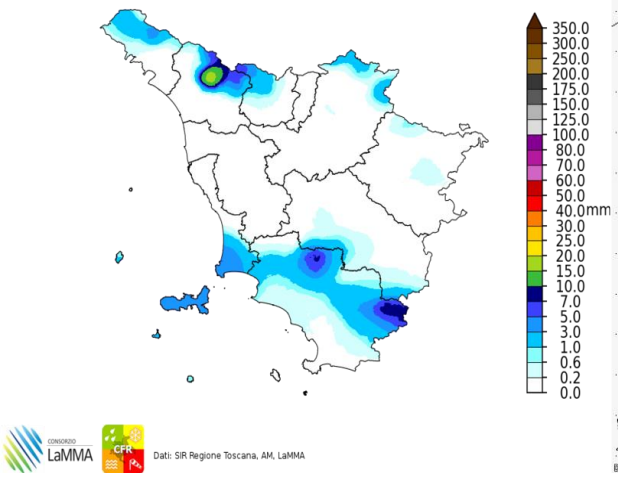
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 01/09/2020 e 31/08/2020



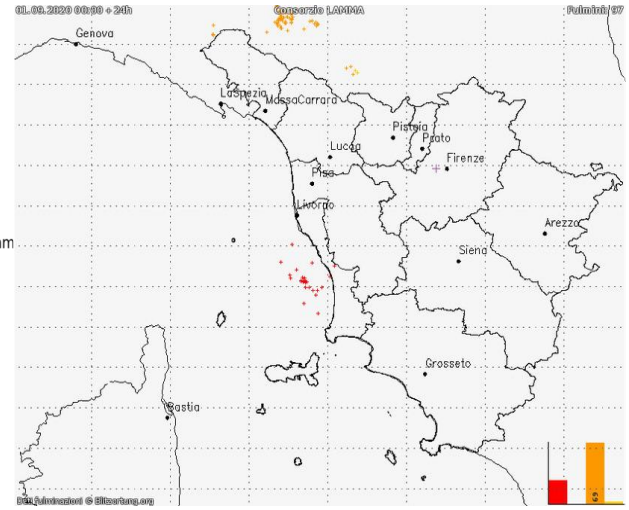
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 01/09/2020



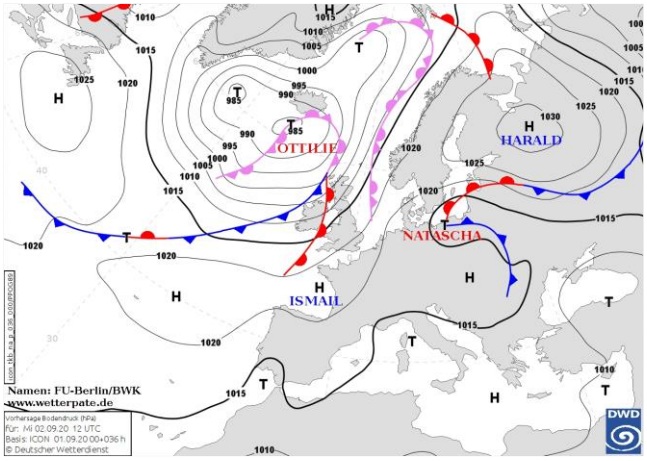
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 01 Settembre

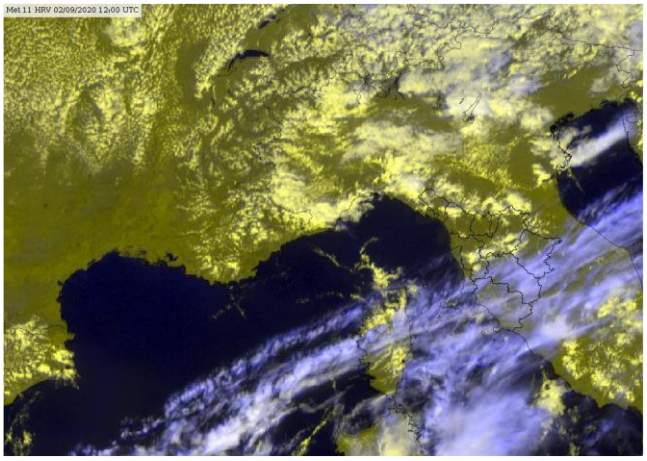


Mercoledi' 2 Settembre 2020

Situazione: pressione in graduale aumento sulla nostra penisola. La presenza di aria fresca in quota mantiene condizioni di moderata instabilità pomeridiana.



Pressione al suolo e fronti del 02 Settembre alle 12 UTC


Meteosat HRV del 02 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: poco nuvoloso, con transito di velature e temporanei addensamenti pomeridiani sulle zone interne centrali ed in

Fenomeni: rovesci temporaleschi pomeridiani a carattere sparso in Appennino e sulle zone interne centrali.

Venti: deboli variabili, fino a moderati di Scirocco sulla costa maremmana.

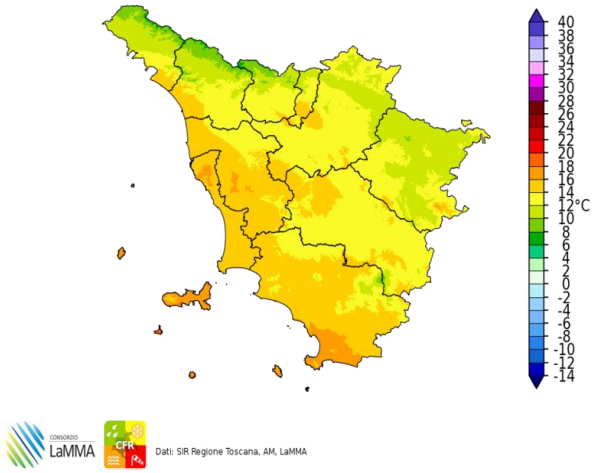
Mari: in attenuazione a poco mossi.

Temperature: in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	11	13	16	18	13	15	14	14	15	15
	anomalia*	-1	-2	0	0	-2	-2	-2	-1	-1	0
T. max	osservata	25	30	27	26	28	27	28	27	29	25
	anomalia*	-3	1	-1	0	0	0	0	-1	0	-1
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

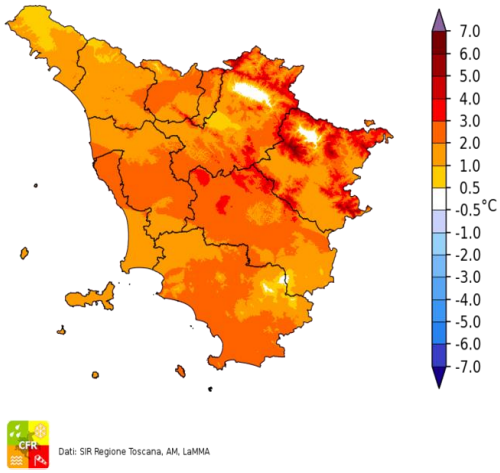
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 02/09/2020



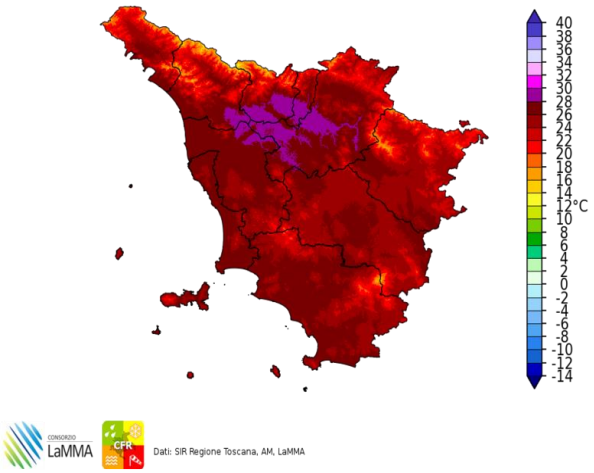
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 02/09/2020 e 01/09/2020



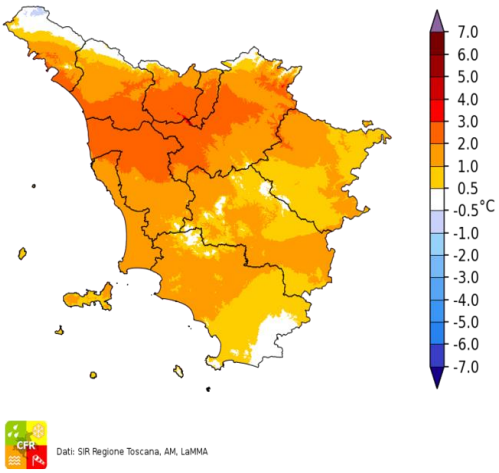
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 02/09/2020



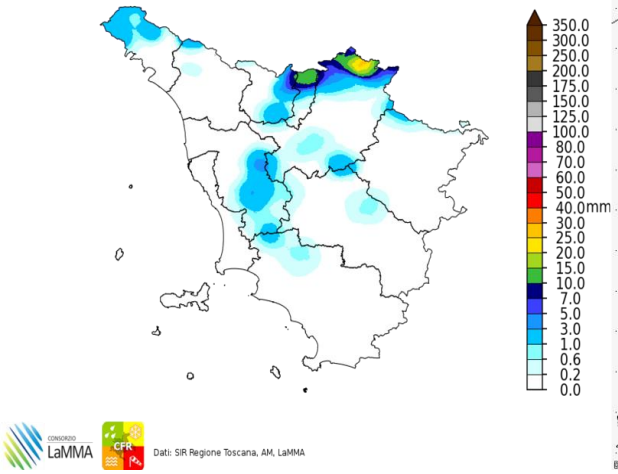
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 02/09/2020 e 01/09/2020



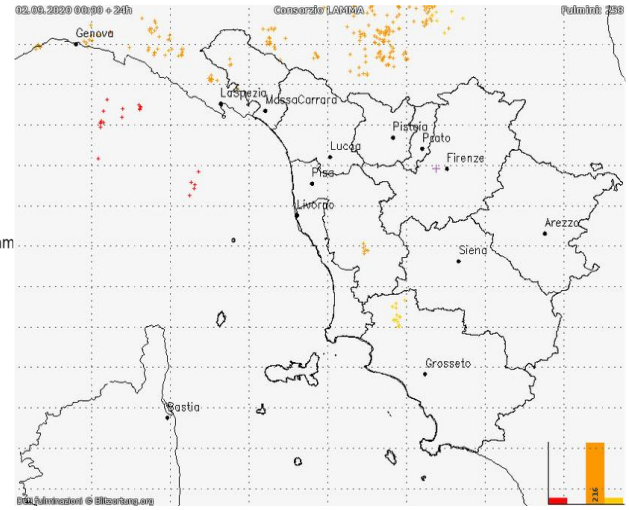
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 02/09/2020



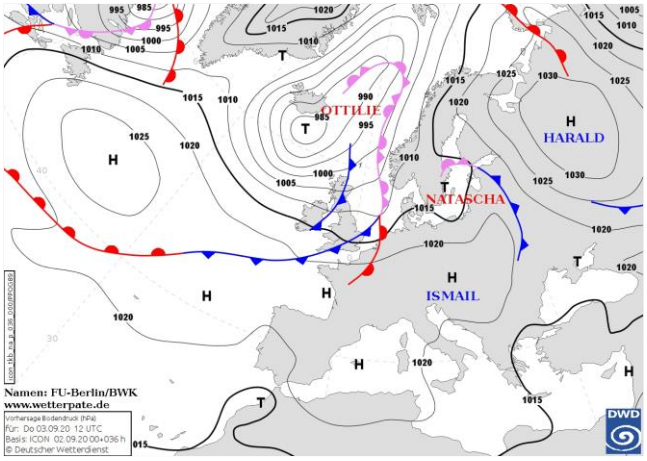
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 02 Settembre

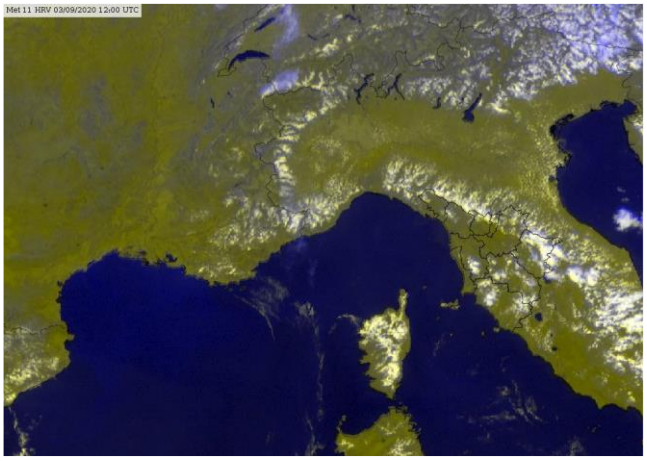


Giovedi' 3 Settembre 2020

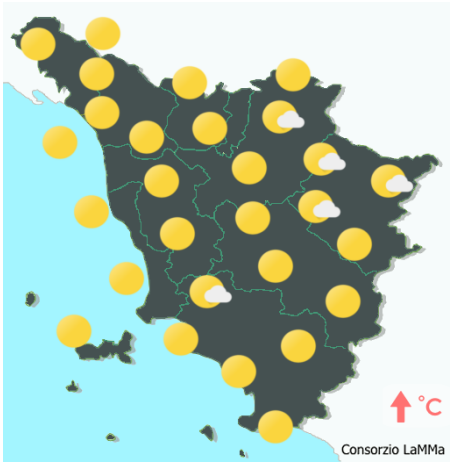
Situazione: pressione in graduale aumento sulla nostra penisola. La presenza di aria fresca in quota mantiene condizioni di moderata instabilità pomeridiana.



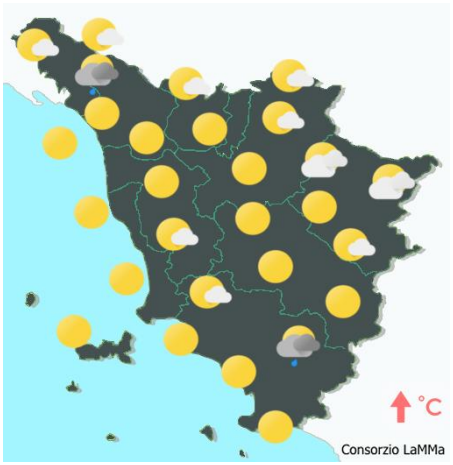
Pressione al suolo e fronti del 03 Settembre alle 12 UTC


Meteosat HRV del 03 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso al mattino. Nel pomeriggio moderato sviluppo di nuvolosità cumuliforme sui rilievi.

Fenomeni: isolati e brevi rovesci su Appennino settentrionale e Amiata.

Venti: deboli, prevalentemente settentrionali, fino a moderati di Maestrale in Maremma durante il pomeriggio.

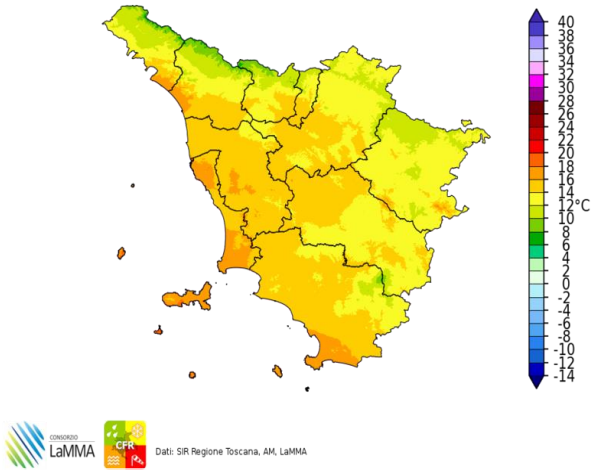
Mari: poco mossi.

Temperature: in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	11	14	16	19	14	16	15	14	16	16
	anomalia*	-1	-2	0	1	-1	0	-1	-1	0	0
T. max	osservata	26	31	30	26	28	26	28	28	30	29
	anomalia*	-1	2	1	0	1	-2	0	0	1	3
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

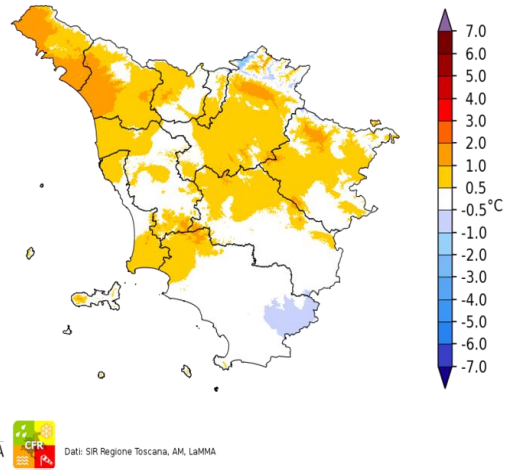
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 03/09/2020



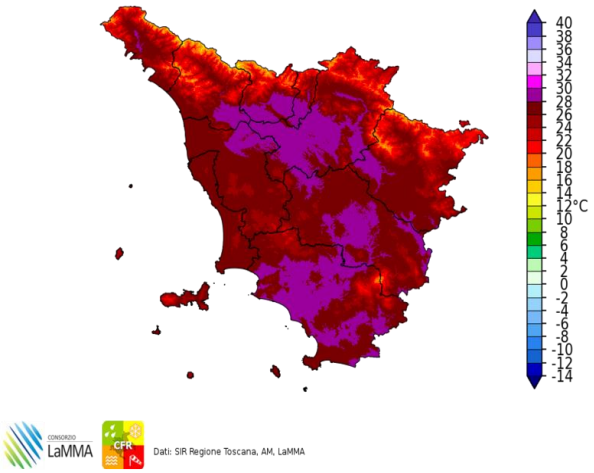
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 03/09/2020 e 02/09/2020



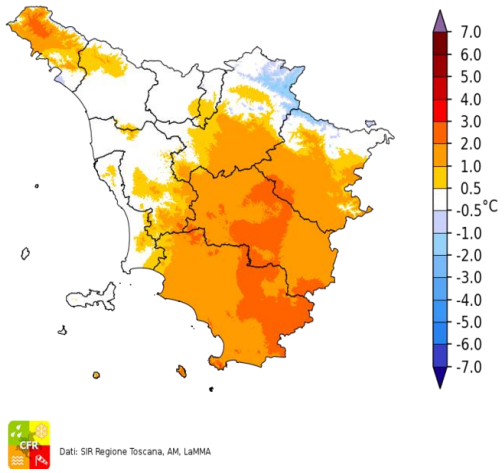
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 03/09/2020



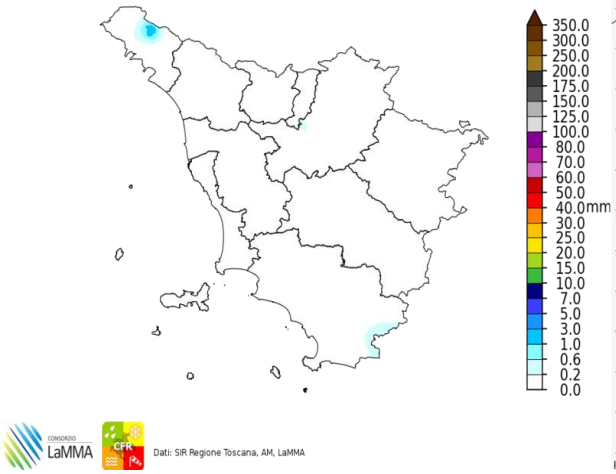
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 03/09/2020 e 02/09/2020



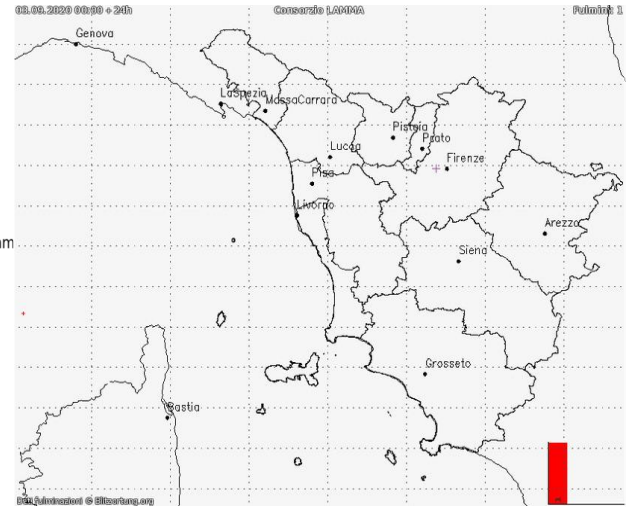
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 03/09/2020



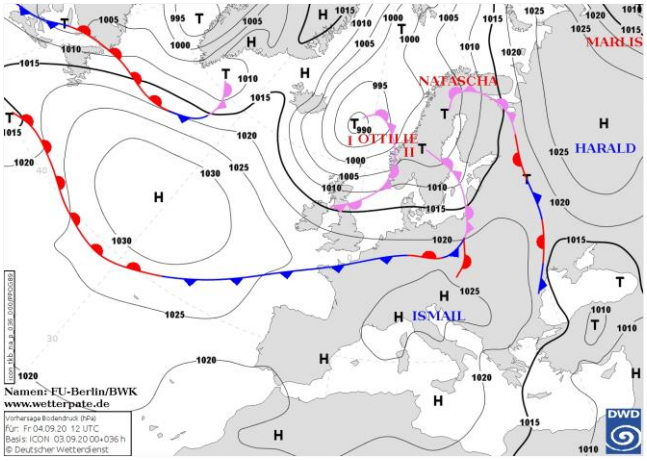
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 03 Settembre

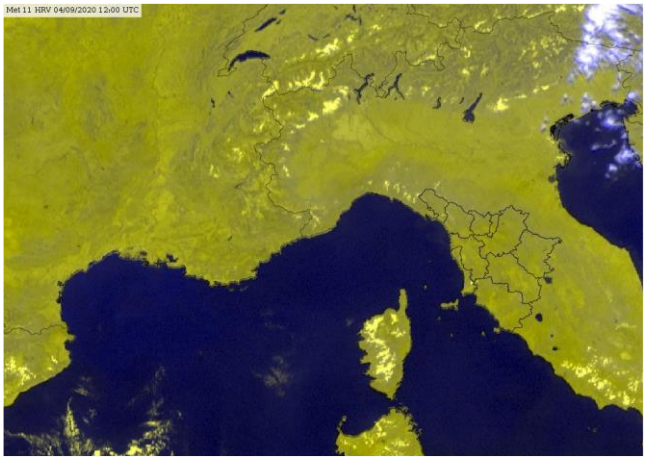


Venerdi' 4 Settembre 2020

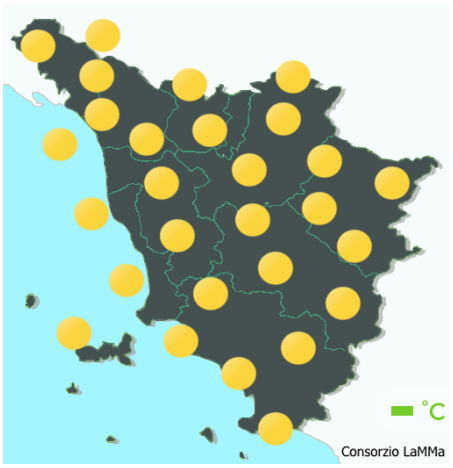
Situazione: pressione in ulteriore graduale aumento sulla nostra penisola con condizioni di tempo stabile e soleggiato.



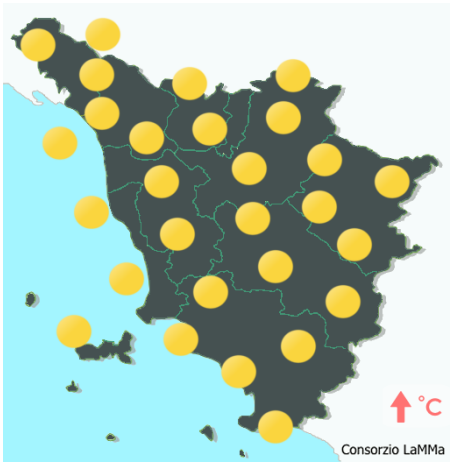
Pressione al suolo e fronti del 04 Settembre alle 12 UTC


Meteosat HRV del 04 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno.

Fenomeni: nessuno.

Venti: deboli da nord-est con rinforzi di Maestrale lungo la costa centro-meridionale nel corso del pomeriggio.

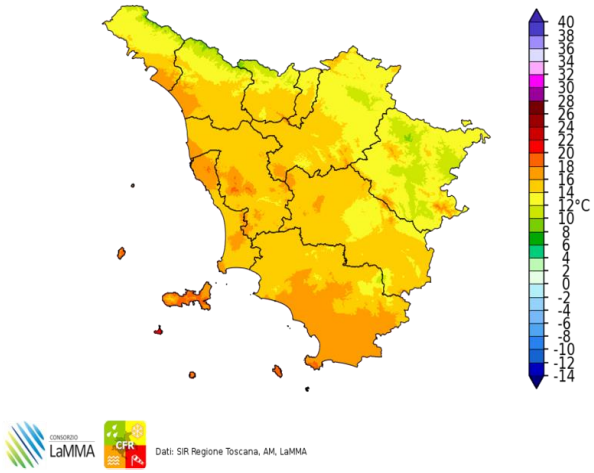
Mari: poco mossi.

Temperature: stazionarie.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	11	14	16	20	15	17	15	15	17	17
	anomalia*	-1	-2	0	2	-1	0	-1	0	1	2
T. max	osservata	29	33	31	28	30	28	29	30	32	29
	anomalia*	2	4	3	2	2	0	2	2	4	3
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

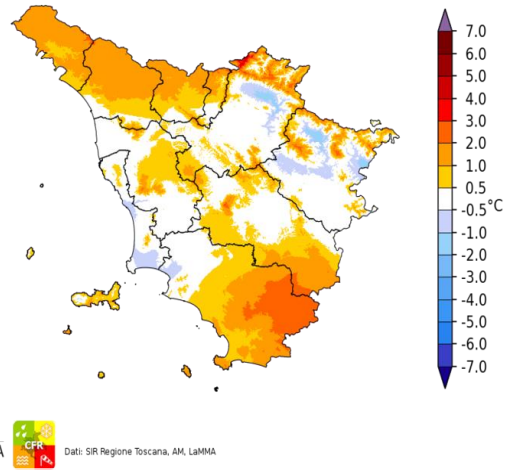
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 04/09/2020



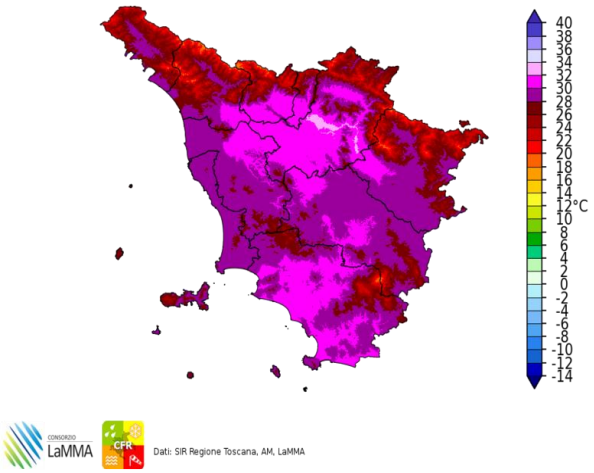
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 04/09/2020 e 03/09/2020



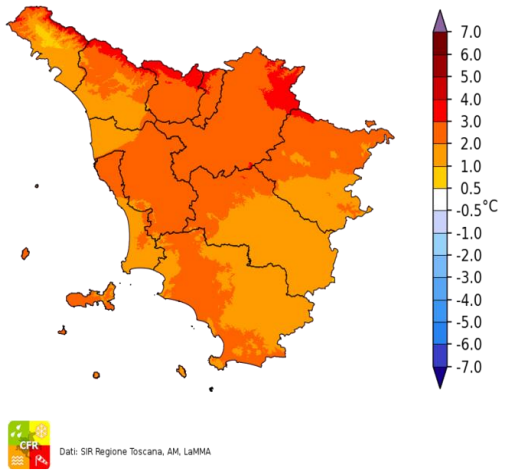
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 04/09/2020



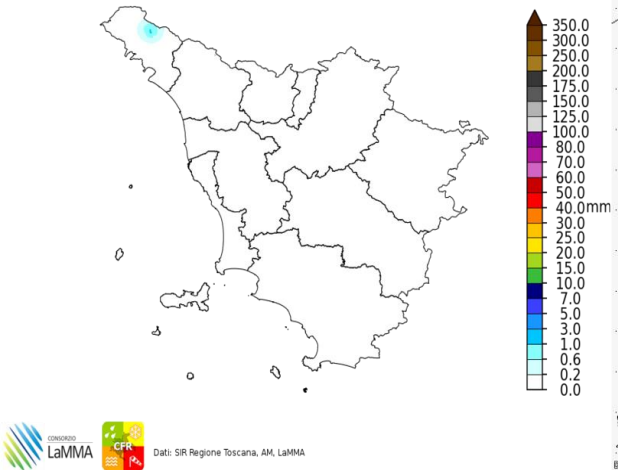
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 04/09/2020 e 03/09/2020



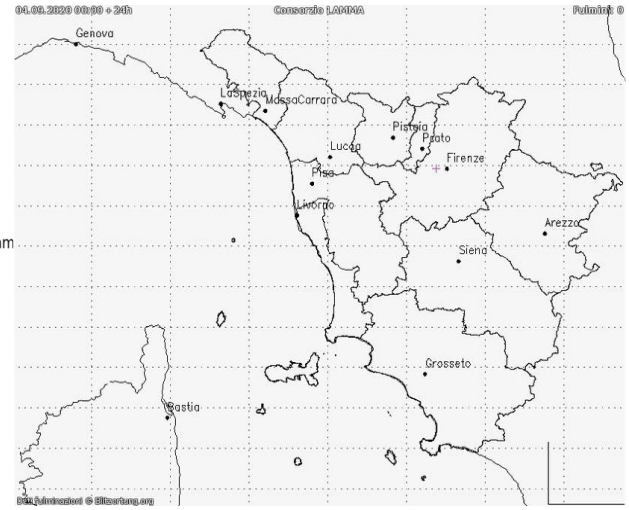
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 04/09/2020



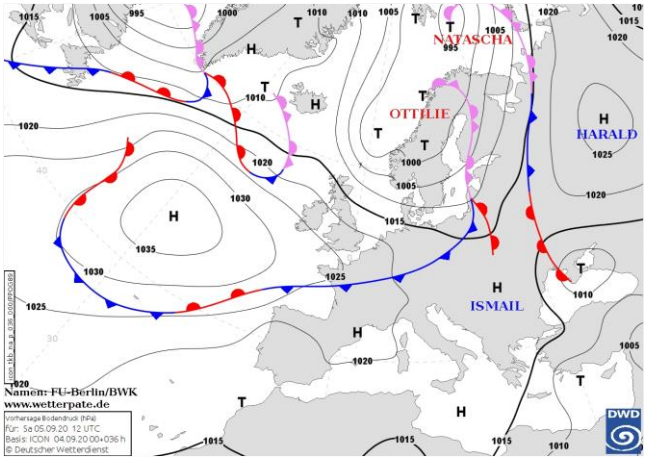
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 04 Settembre

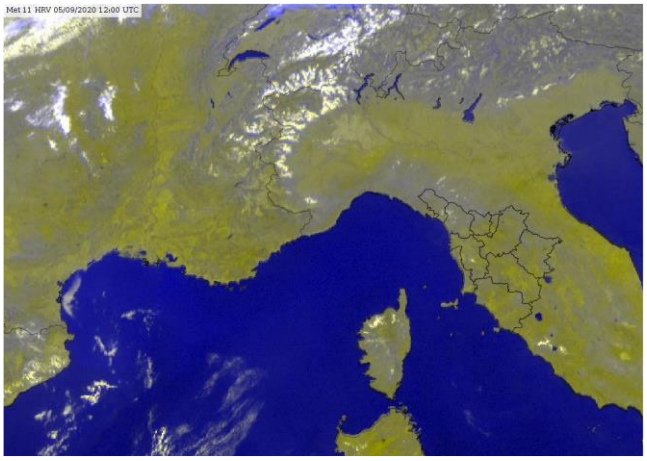


Sabato 5 Settembre 2020

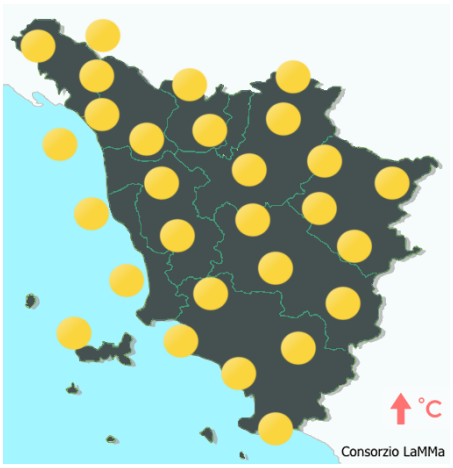
Situazione: sul Mediterraneo alta pressione di origine atlantica che assicura condizioni meteo stabili stabili.



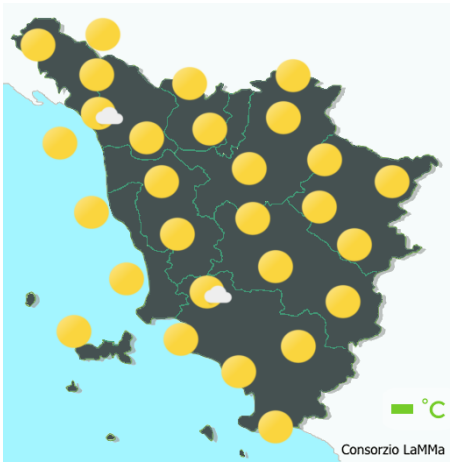
Pressione al suolo e fronti del 05 Settembre alle 12 UTC


Meteosat HRV del 05 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno.

Fenomeni: nessuno.

Venti: deboli di brezza, temporaneamente moderati di Maestrale sulle coste maremmane nel pomeriggio.

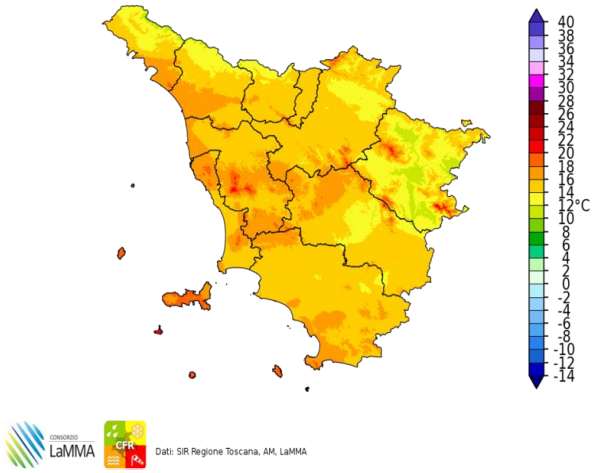
Mari: poco mossi.

Temperature: in leggero calo sulla costa, in leggero aumento nelle zone interne.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	11	15	16	20	16	18	15	15	18	18
	anomalia*	-1	-1	1	2	0	1	-1	0	1	3
T. max	osservata	30	33	29	26	29	27	28	29	31	30
	anomalia*	2	4	1	0	1	-1	1	1	3	4
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

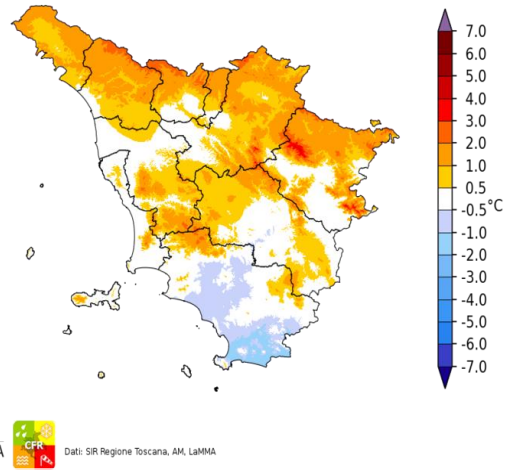
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 05/09/2020



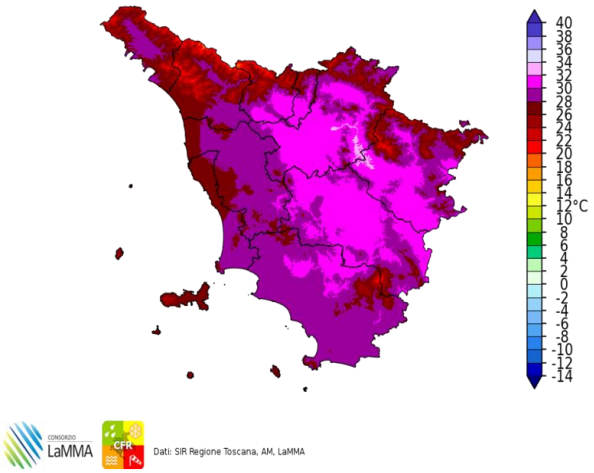
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 05/09/2020 e 04/09/2020



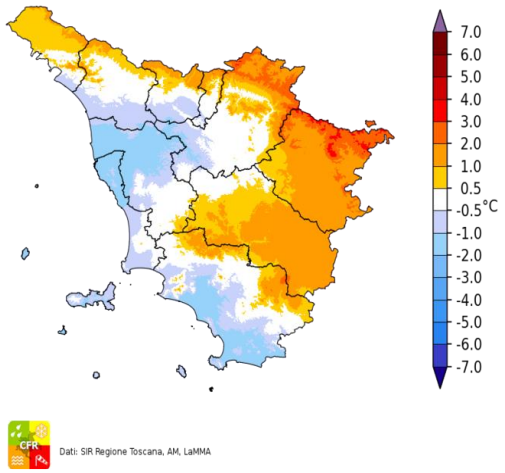
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 05/09/2020



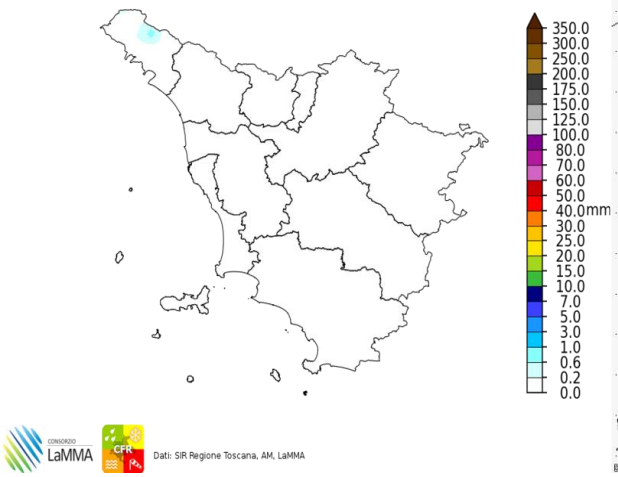
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 05/09/2020 e 04/09/2020



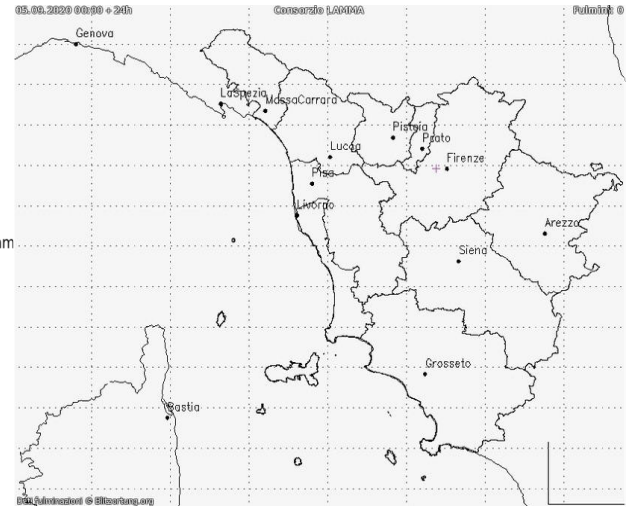
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 05/09/2020



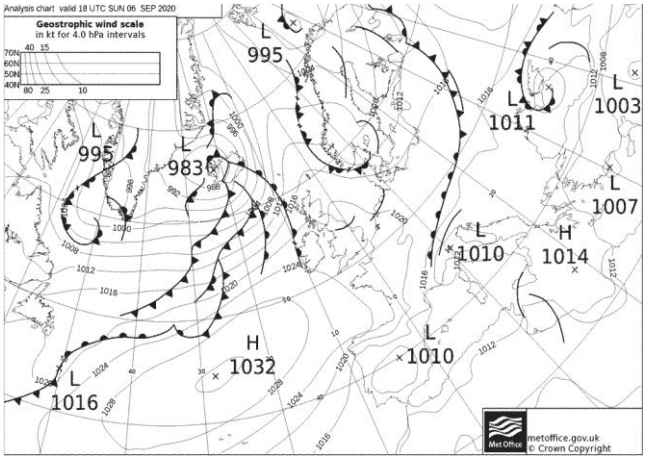
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 05 Settembre

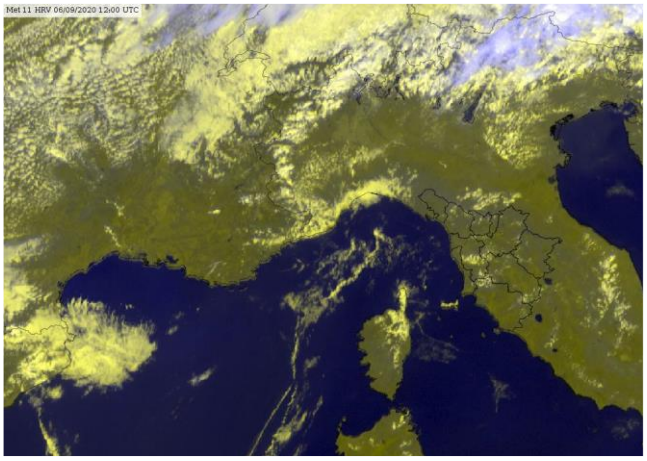


Domenica 6 Settembre 2020

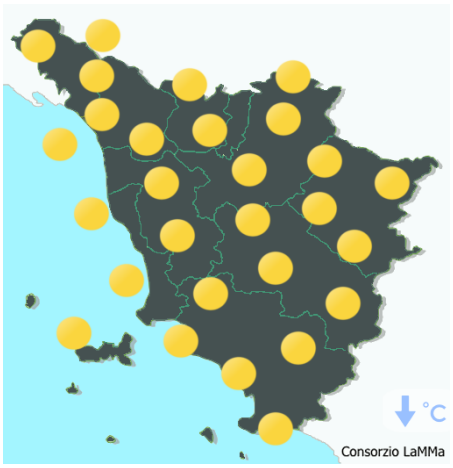
Situazione: sul Mediterraneo persiste l'alta pressione di origine atlantica che assicura tempo stabile.



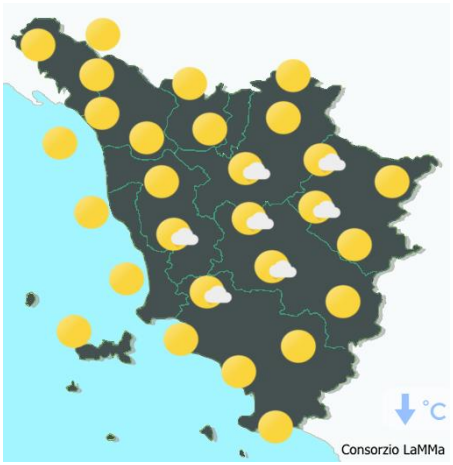
Pressione al suolo e fronti del 06 Settembre alle 12 UTC


Meteosat HRV del 06 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno con modesti addensamenti pomeridiani sulle zone interne centrali

Fenomeni: nessuno.

Venti: deboli occidentali, temporaneamente moderati di Maestrale sulla costa maremmana.

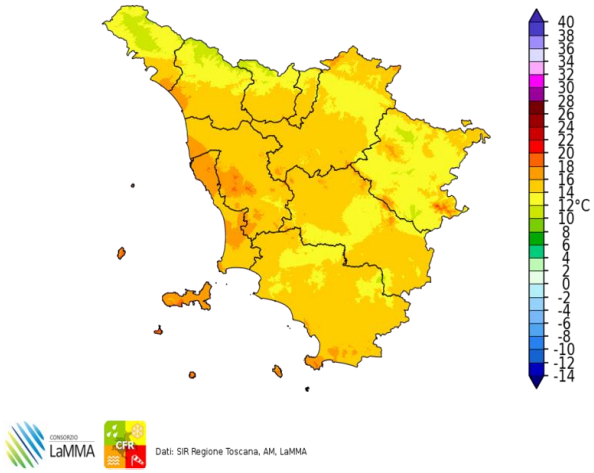
Mari: poco mossi.

Temperature: in lieve flessione.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	12	15	14	20	15	16	15	16	17	17
	anomalia*	-1	-1	-2	1	0	0	-1	1	1	1
T. max	osservata	28	30	30	25	28	26	26	27	29	30
	anomalia*	1	2	2	-1	0	-1	-1	-1	1	4
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

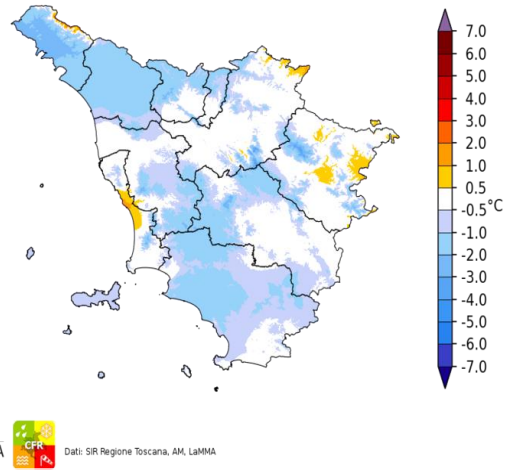
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 06/09/2020



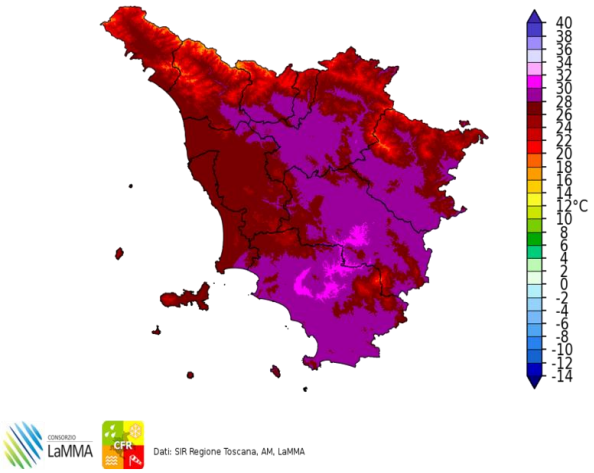
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 06/09/2020 e 05/09/2020



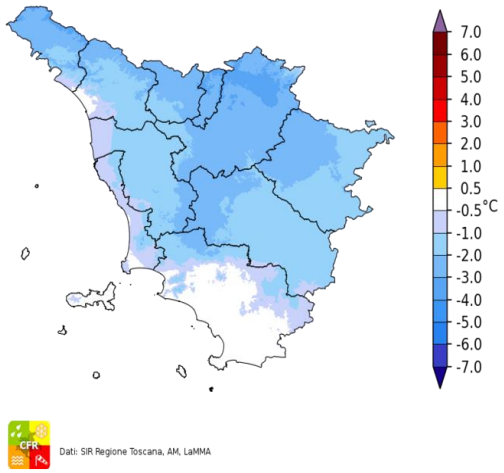
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 06/09/2020



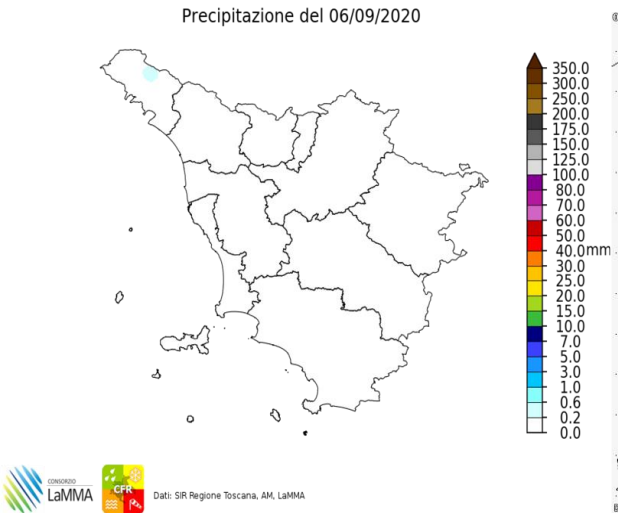
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 06/09/2020 e 05/09/2020



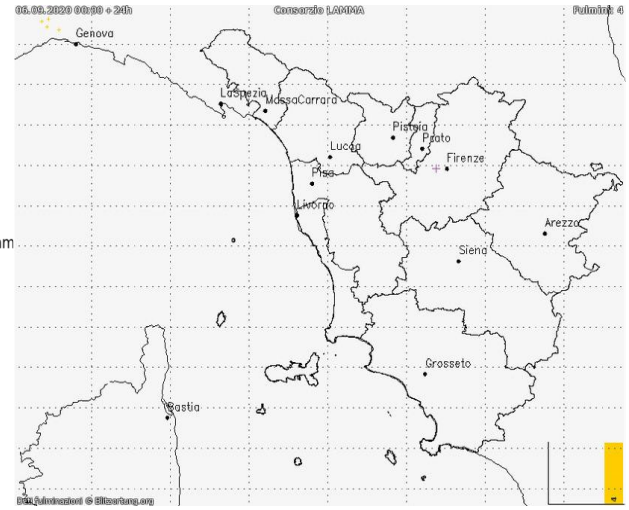
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 06/09/2020



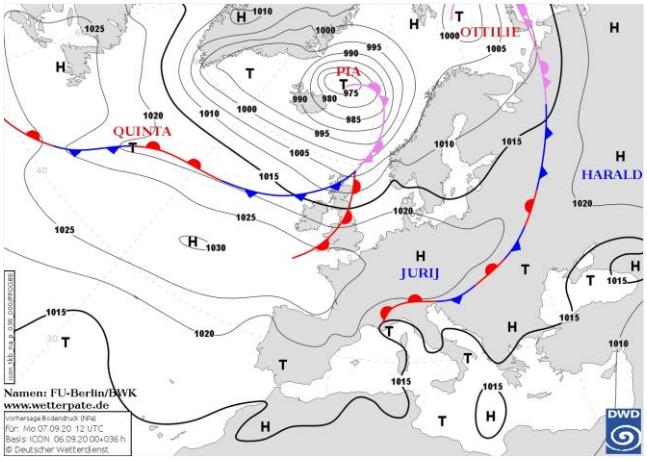
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 06 Settembre

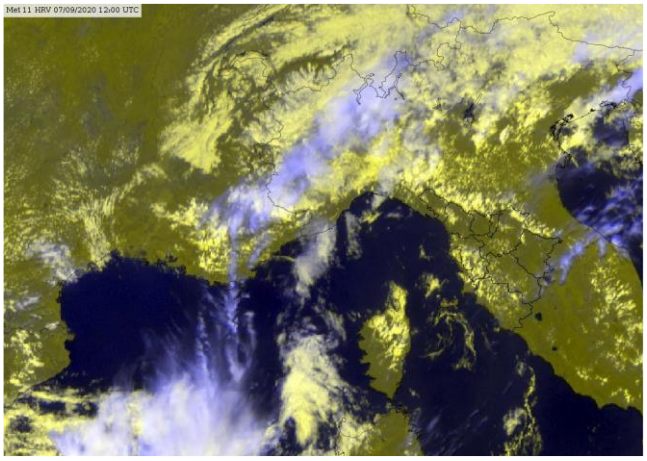


Lunedi' 7 Settembre 2020

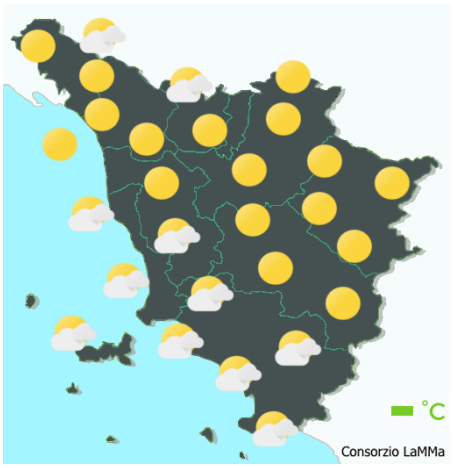
Situazione: transito di una modesta perturbazione con aumento dell'instabilità.



Pressione al suolo e fronti del 07 Settembre alle 12 UTC


Meteosat HRV del 07 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: parzialmente nuvoloso.

Fenomeni: locali rovesci pomeridiani sulle zone interne.

Venti: variabili, tra deboli e moderati. Fino a moderati meridionali sulla costa.

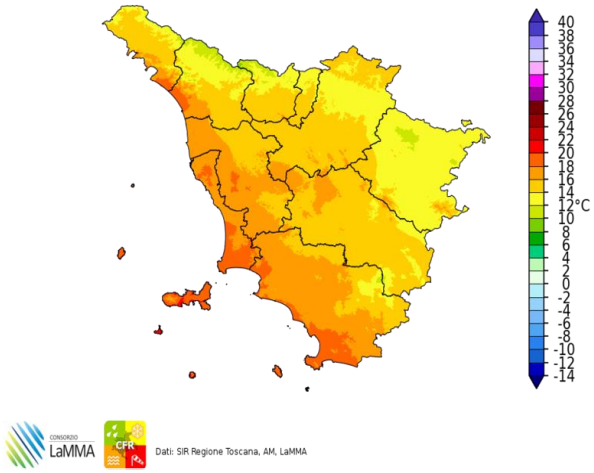
Mari: tra poco mossi e mossi.

Temperature: stazionarie.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	12	15	17	19	16	18	16	15	17	17
	anomalia*	0	-1	2	1	0	1	0	0	0	2
T. max	osservata	28	32	30	27	30	28	29	29	31	30
	anomalia*	1	4	1	1	2	0	1	1	3	3
Precipitazione (mm/24ore)		0	2	0	0	0	0	0	0	1	0

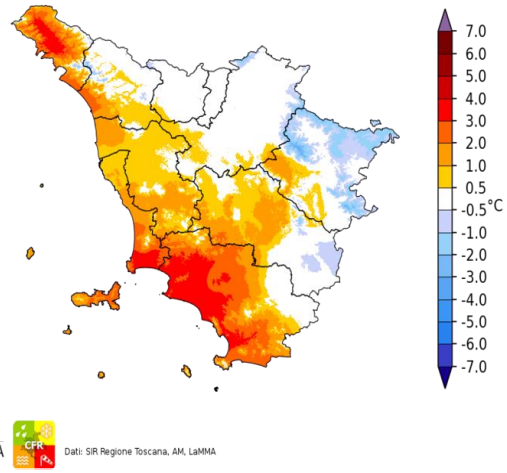
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 07/09/2020



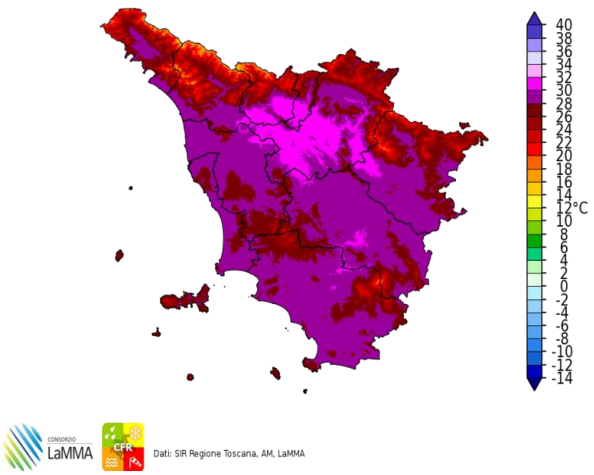
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 07/09/2020 e 06/09/2020



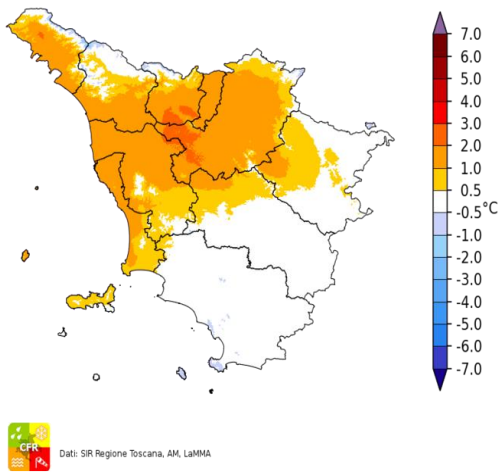
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 07/09/2020



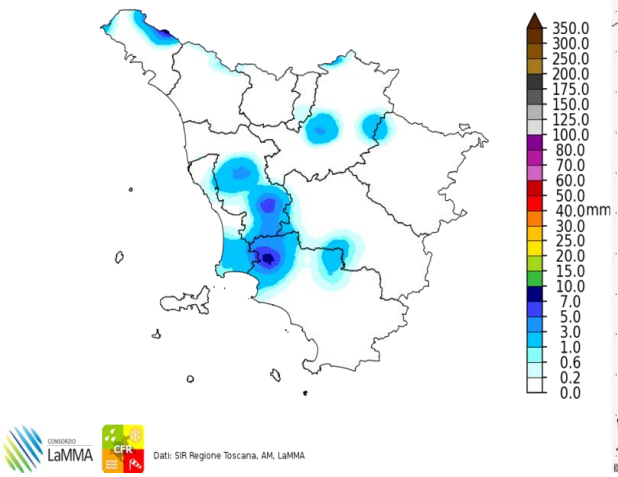
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 07/09/2020 e 06/09/2020



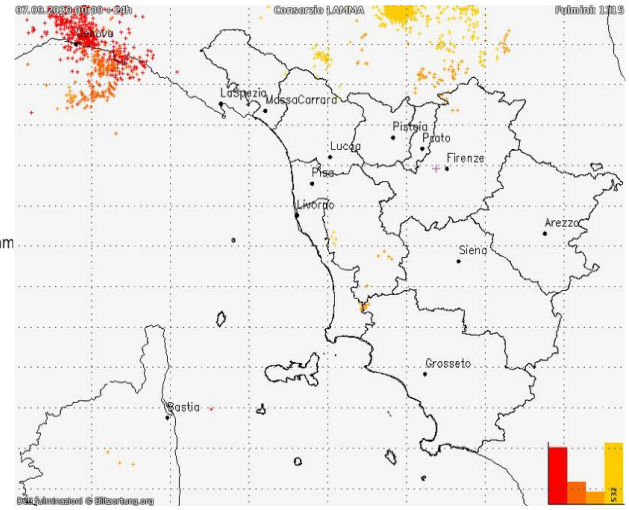
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 07/09/2020



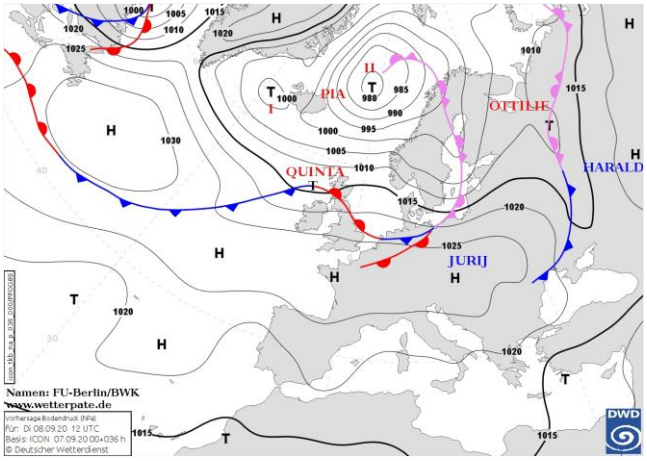
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 07 Settembre

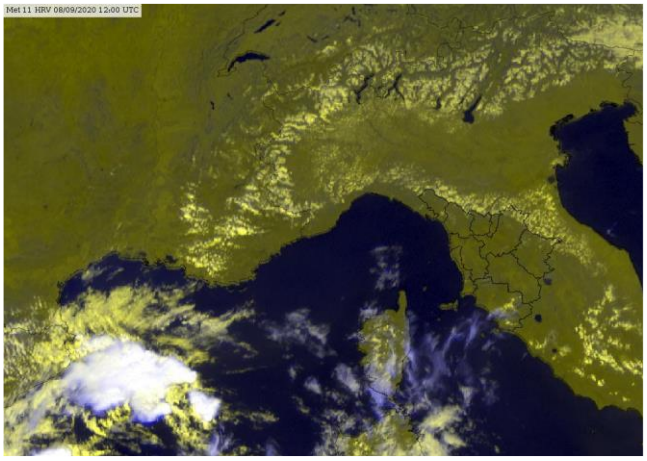


Martedi' 8 Settembre 2020

Situazione: l'anticiclone delle Azzorre si estende a gran parte dell'Europa; un vortice di aria fredda in quota è isolato sul Mediterraneo occidentali con locale instabilità.

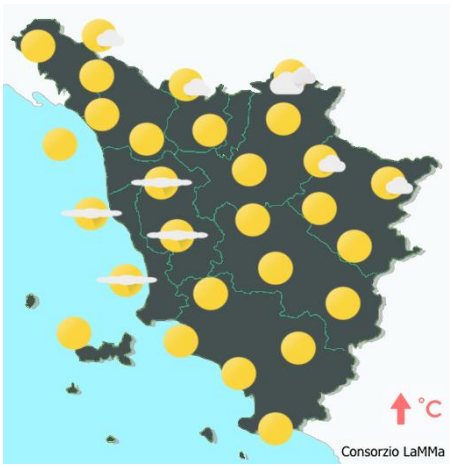


Pressione al suolo e fronti del 08 Settembre alle 12 UTC

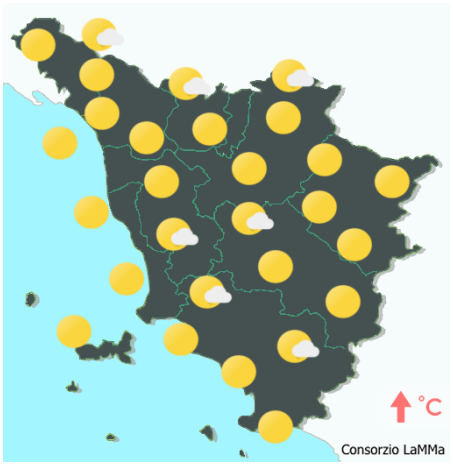


Meteosat HRV del 08 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso.

Fenomeni: nessuno.

Venti: deboli o localmente moderati da nord-est.

Mari: poco mossi, mossi al largo fino alla mattina.

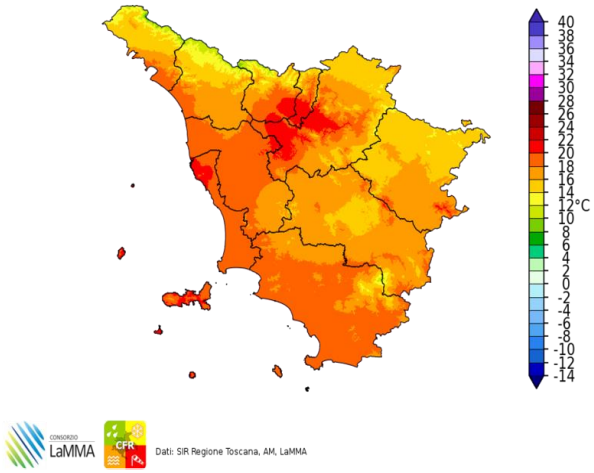
Temperature: in lieve aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	17	20	19	23	17	20	19	20	22	19
	anomalia*	5	5	4	5	2	3	4	5	6	3
T. max	osservata	29	31	33	31	31	28	31	29	29	29
	anomalia*	2	3	5	5	3	1	4	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

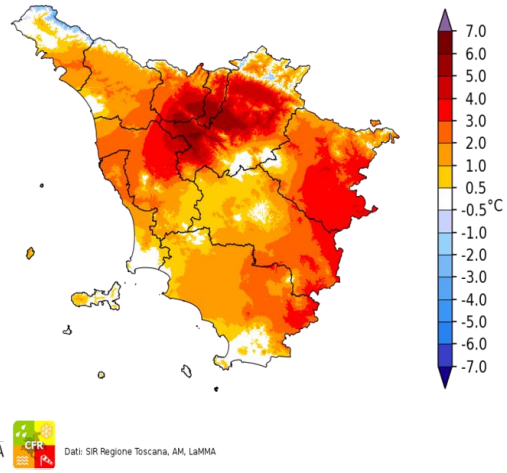
Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 08/09/2020



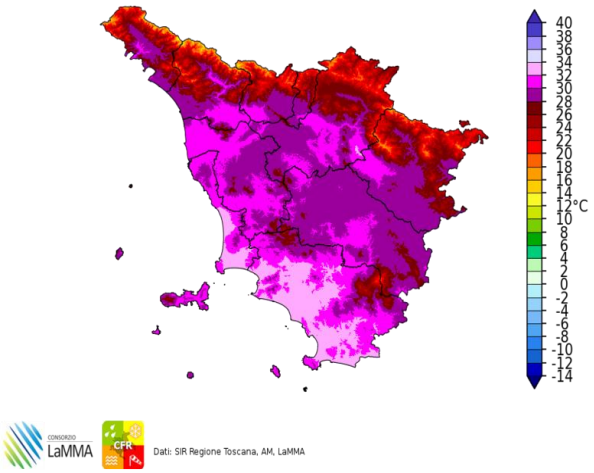
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 08/09/2020 e 07/09/2020



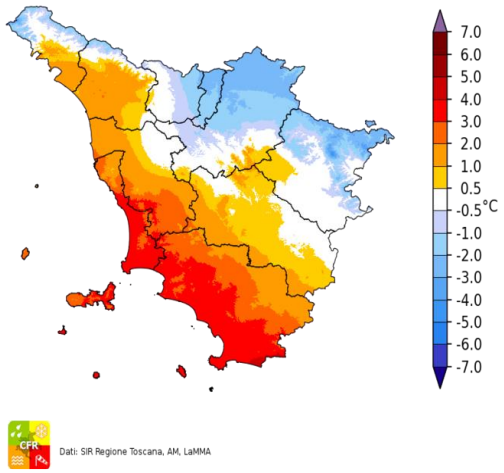
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 08/09/2020



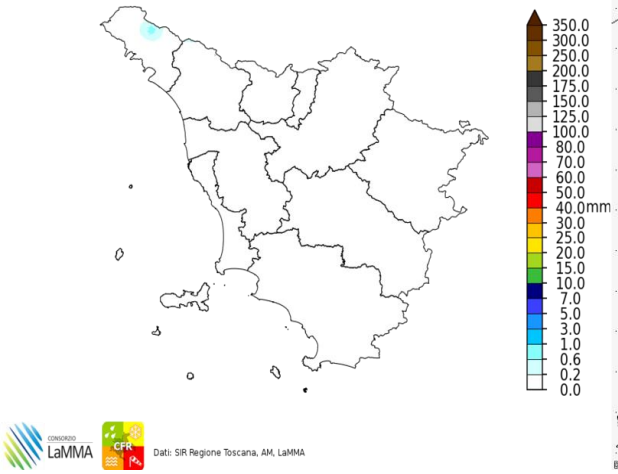
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 08/09/2020 e 07/09/2020



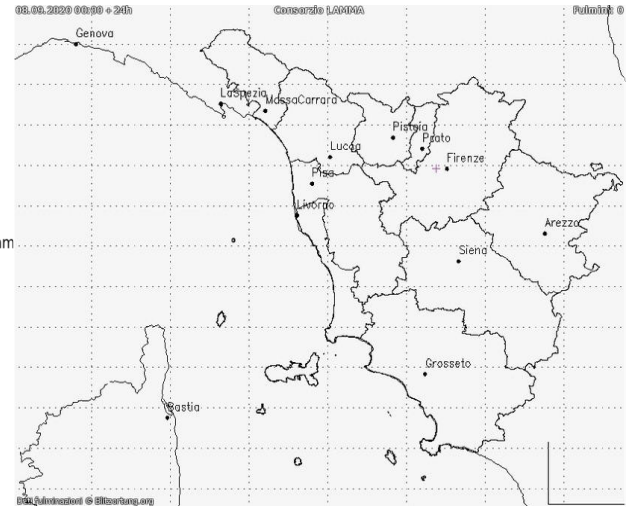
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 08/09/2020



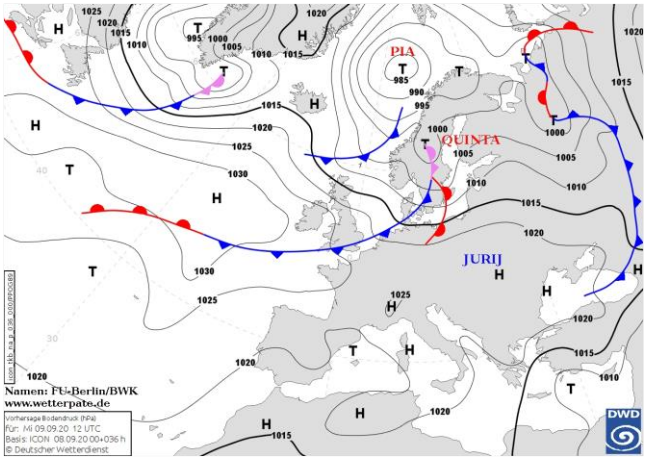
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 08 Settembre

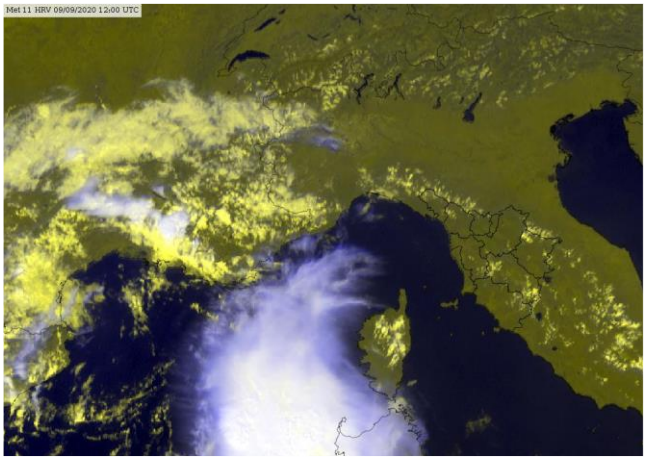


Mercoledi' 9 Settembre 2020

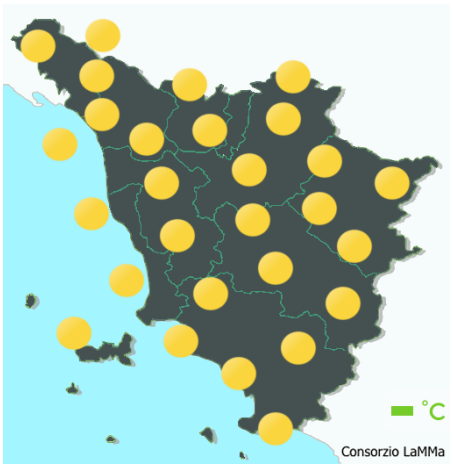
Situazione: l'anticiclone delle Azzorre si estende a gran parte dell'Europa, mentre una circolazione di aria fredda in quota è isolata sul Mediterraneo occidentale e tende a spostarsi verso levante attenuandosi.



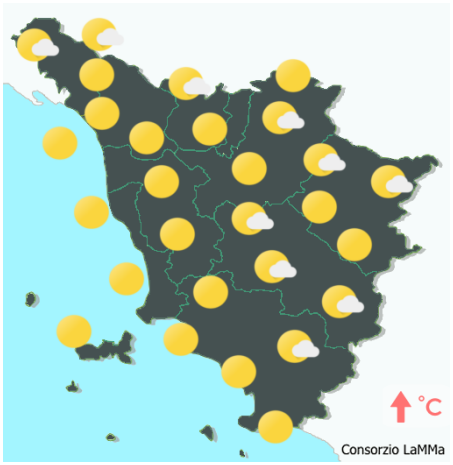
Pressione al suolo e fronti del 09 Settembre alle 12 UTC


Meteosat HRV del 09 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo:

Fenomeni: nessuno.

Venti: deboli in prevalenza occidentali.

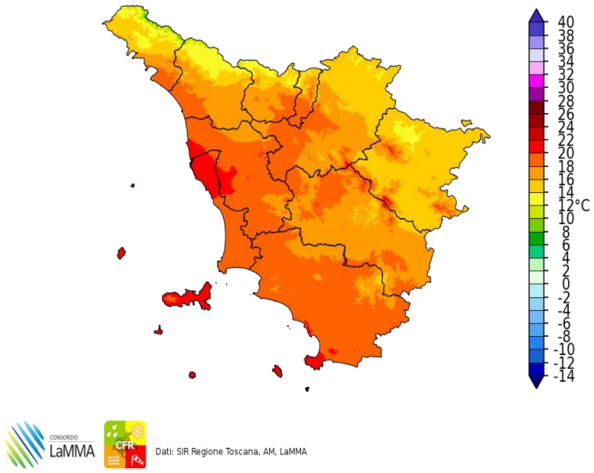
Mari: poco mossi.

Temperature:

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	15	17	20	24	17	19	20	18	22	19
	anomalia*	3	2	4	6	2	2	4	3	5	3
T. max	osservata	31	34	32	29	32	30	32	31	33	32
	anomalia*	4	6	3	3	4	3	4	3	5	6
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

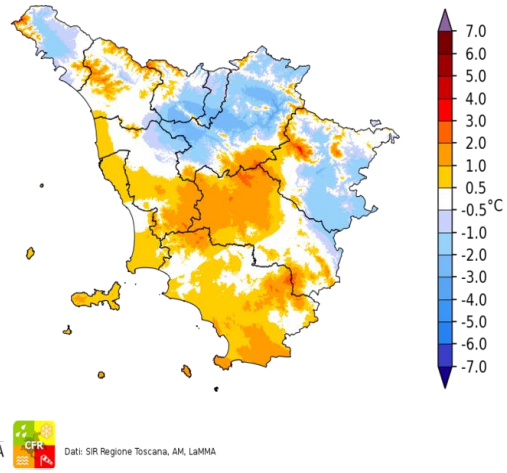
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 09/09/2020



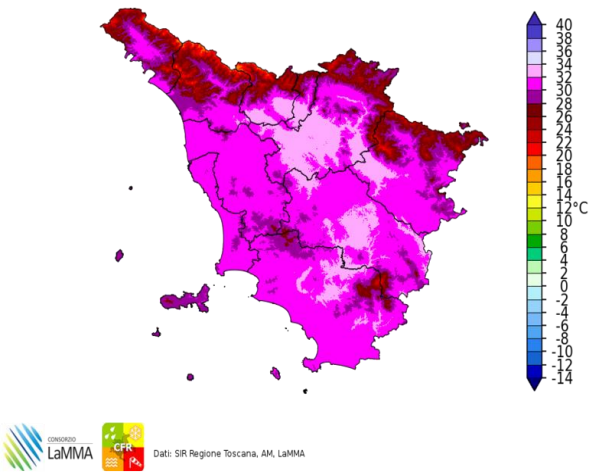
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 09/09/2020 e 08/09/2020



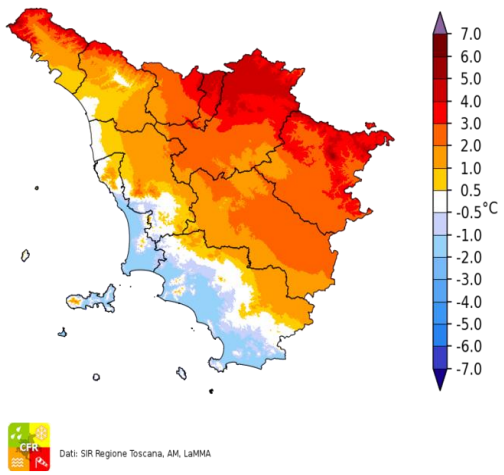
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 09/09/2020



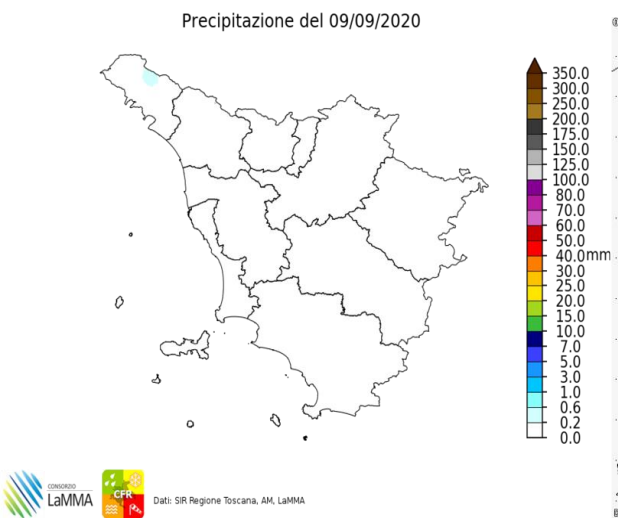
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 09/09/2020 e 08/09/2020



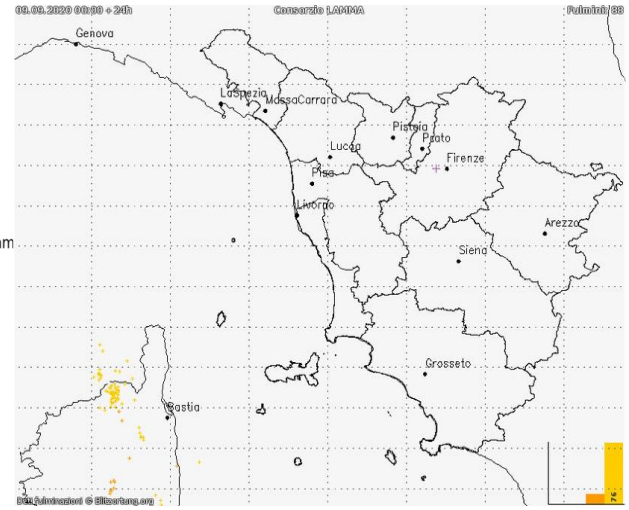
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 09/09/2020



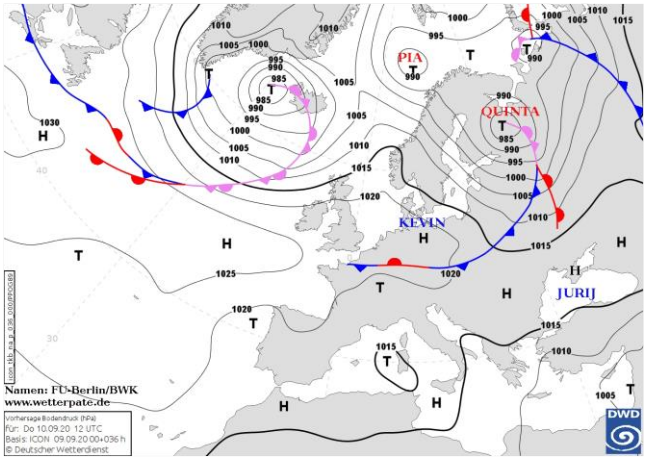
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 09 Settembre

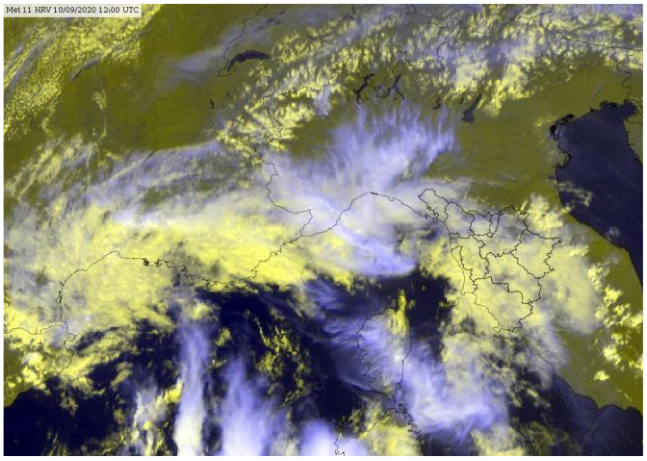


Giovedi' 10 Settembre 2020

Situazione: il Mediterraneo centro orientale continua ad essere interessato da un campo di alta pressione, una saccatura depressionaria interessa invece il Mare delle Baleari.



Pressione al suolo e fronti del 10 Settembre alle 12 UTC


Meteosat HRV del 10 Settembre alle 12 UTC

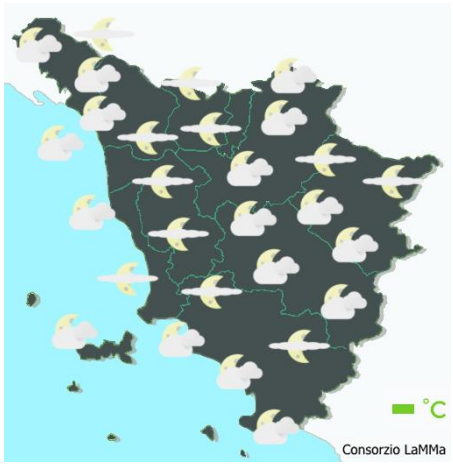
situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: da parzialmente nuvoloso a nuvoloso.

Fenomeni: isolati rovesci nel pomeriggio su crinali appenninici tosco-emiliani.

Venti: deboli variabili, tendenti a provenire da nord, nord-ovest dal pomeriggio.

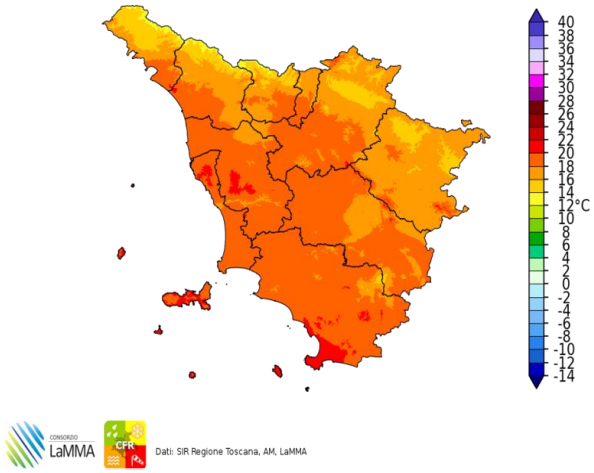
Mari: poco mossi.

Temperature: minime in aumento, massime in calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	16	19	20	22	18	20	19	18	20	20
	anomalia*	3	3	4	4	3	3	3	3	4	4
T. max	osservata	28	31	31	28	29	29	30	28	30	28
	anomalia*	1	3	3	2	1	2	3	0	2	2
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

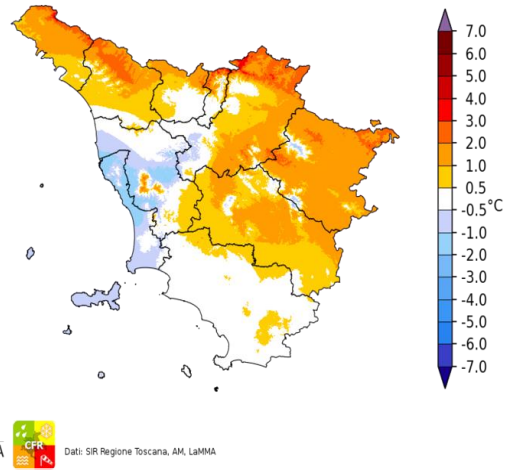
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 10/09/2020



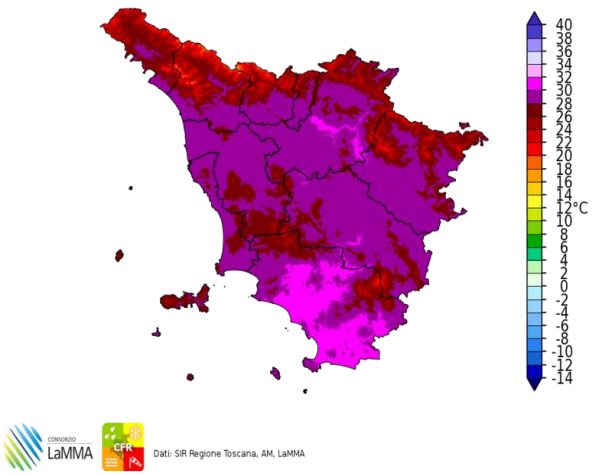
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 10/09/2020 e 09/09/2020



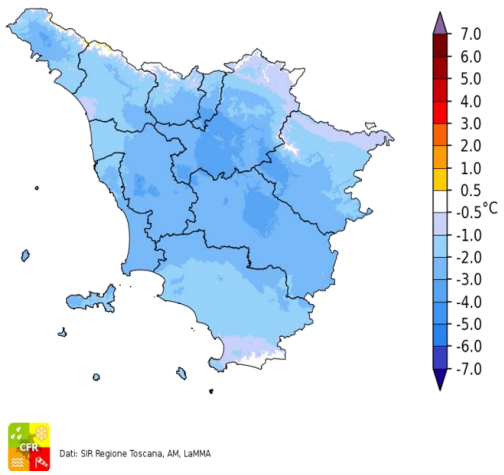
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 10/09/2020



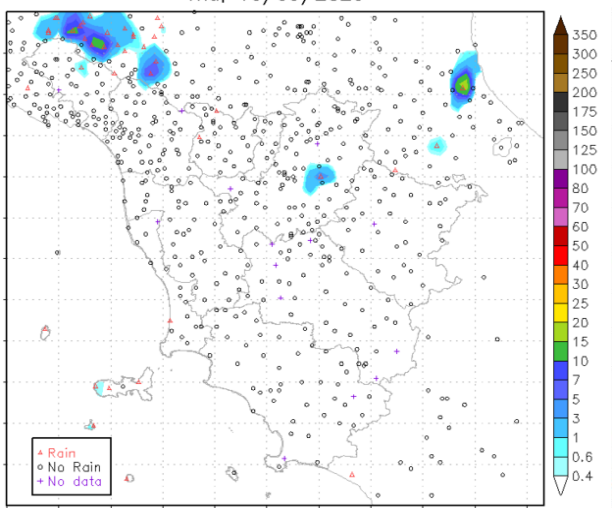
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 10/09/2020 e 09/09/2020

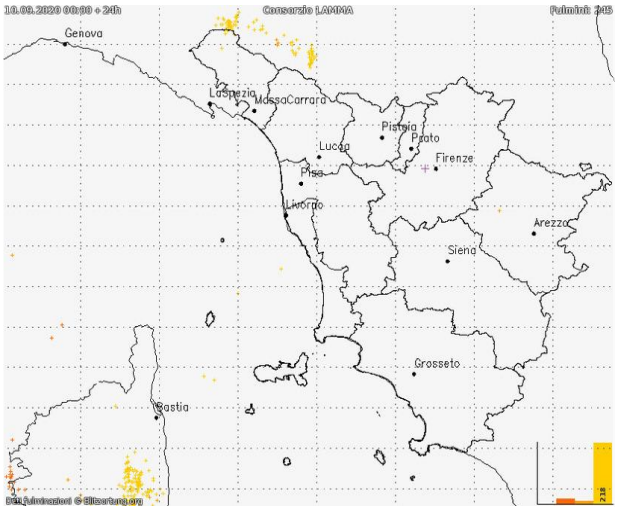


Dati: SIR Regione Toscana, AM, LaMMA

Total Precipitation [mm] cumulated on Thu, 10/09/2020

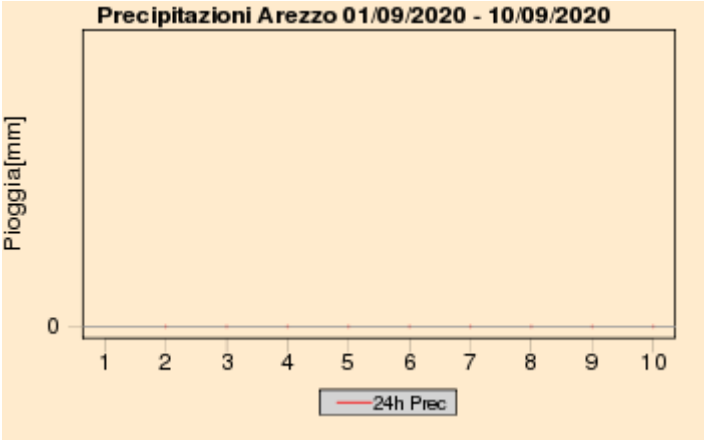


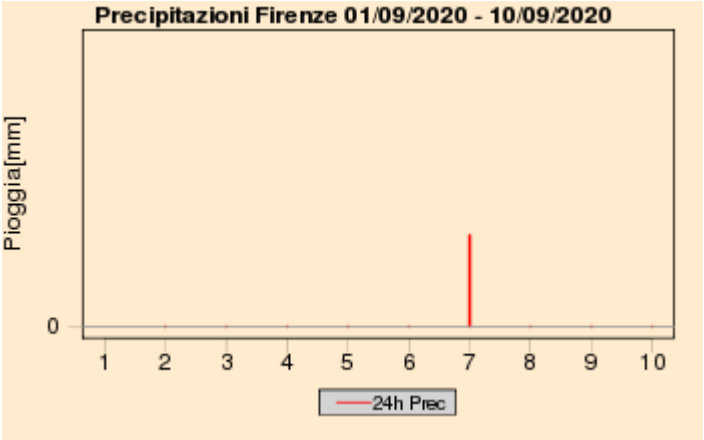
Fulminazioni osservate il giorno 10 Settembre

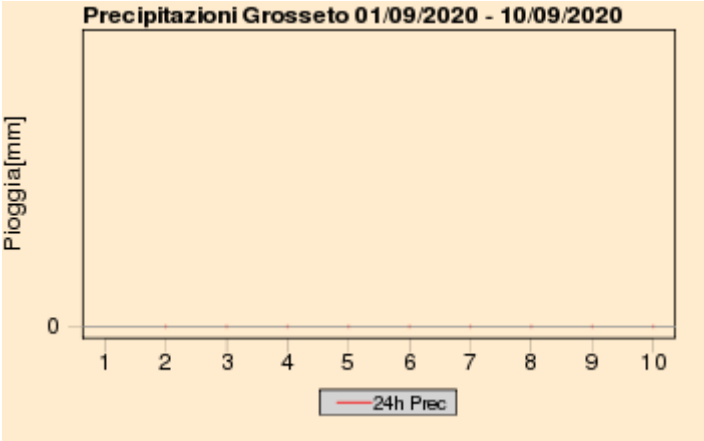


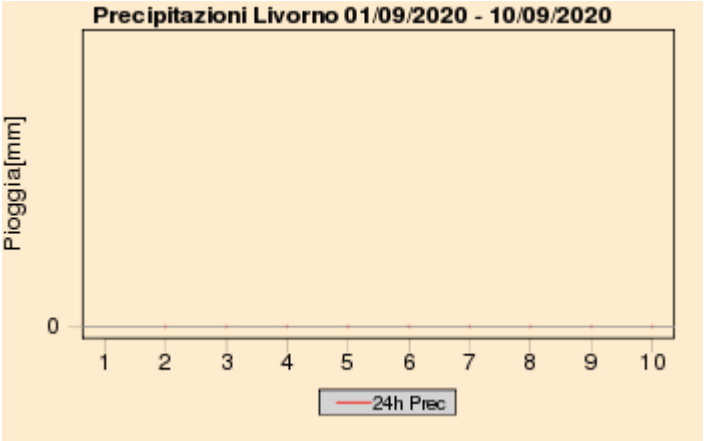
I decade - Quadro regionale – Precipitazioni

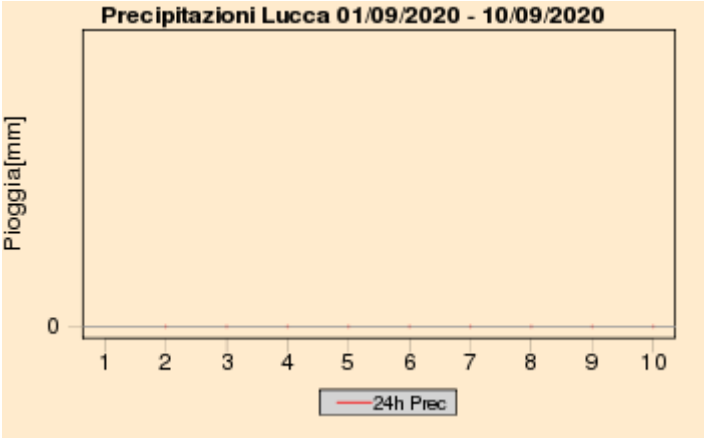
La prima decade di Settembre è stata caratterizzata da condizioni di prevalente stabilità ed è risultata decisamente secca; fatta eccezione per qualche isolato rovescio temporalesco osservato il giorno 2, non si sono in pratica registrate precipitazioni rilevanti e in gran parte del territorio i cumulati sono risultati nulli o scarsamente significativi.

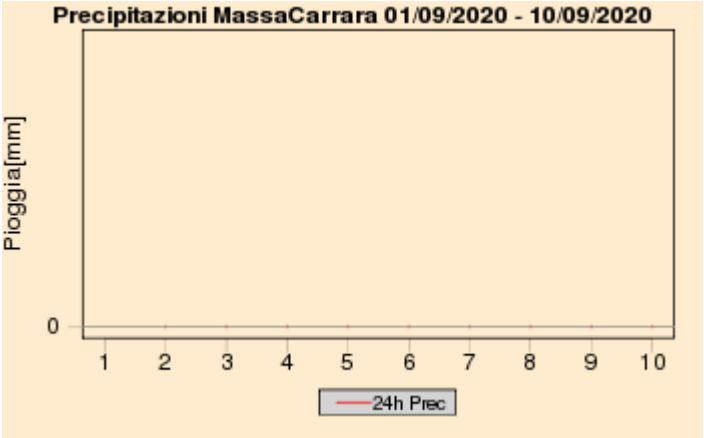


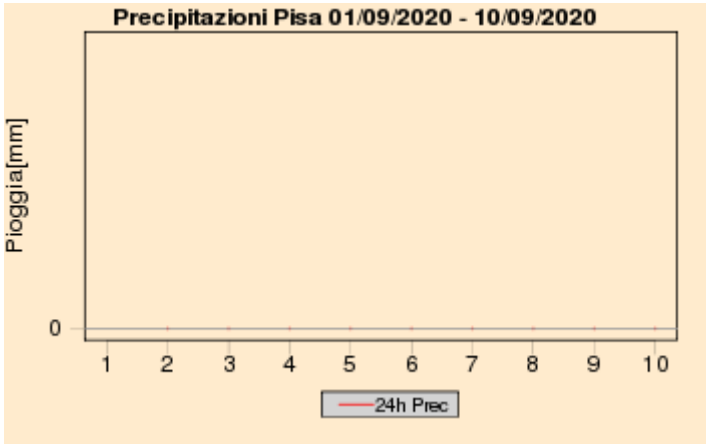


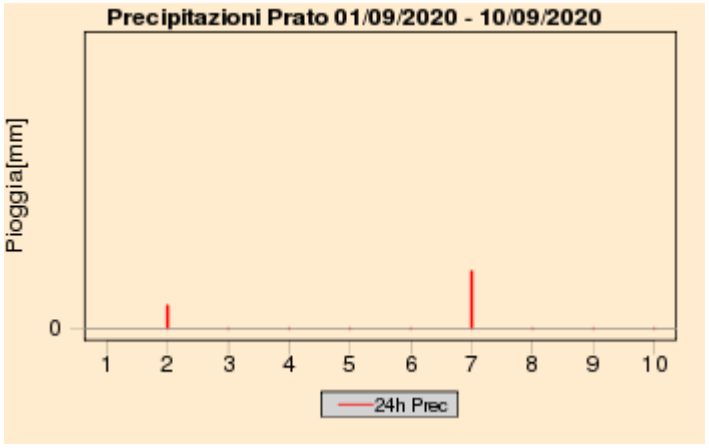


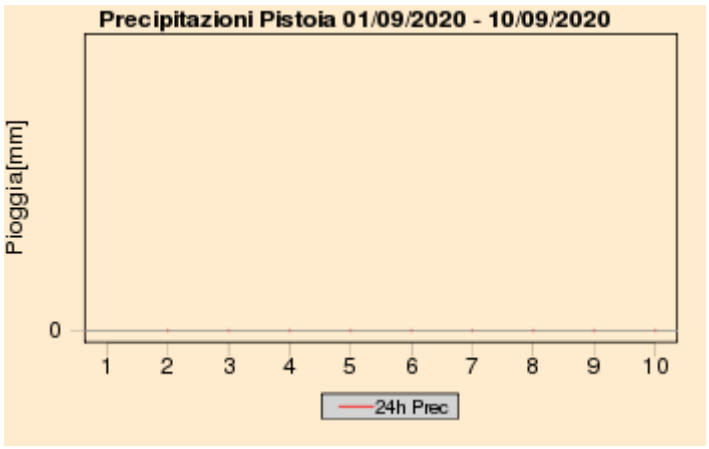


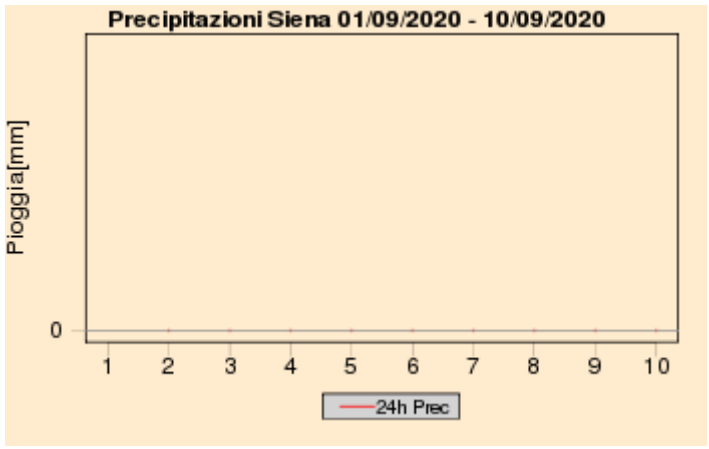




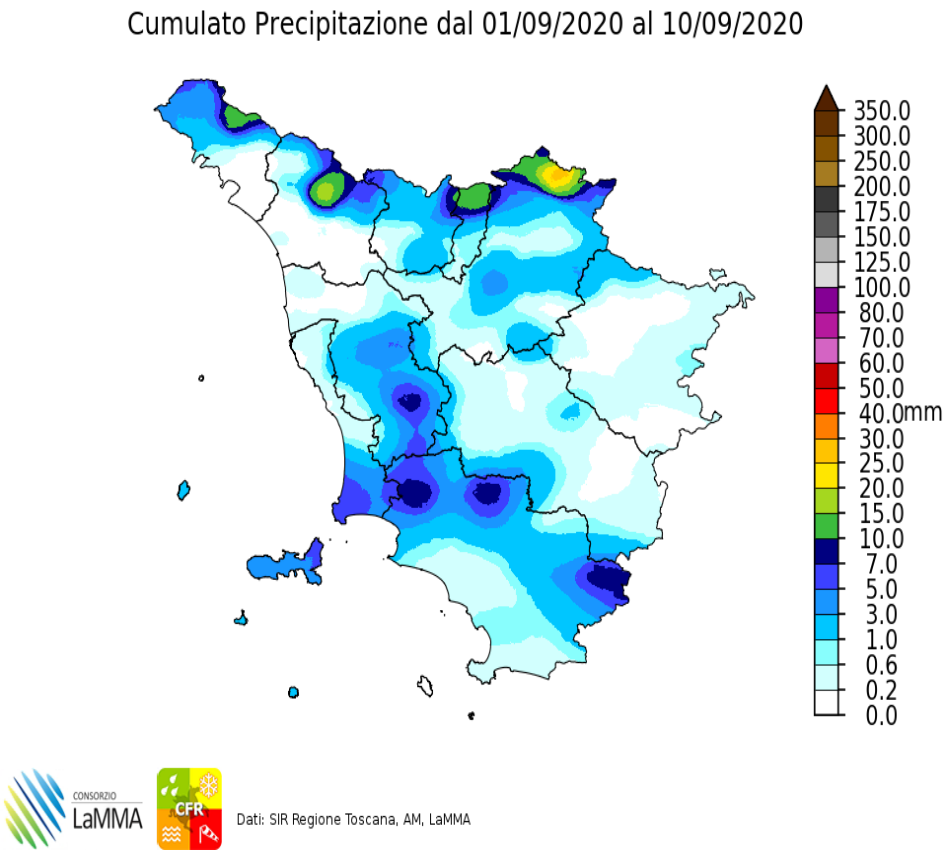




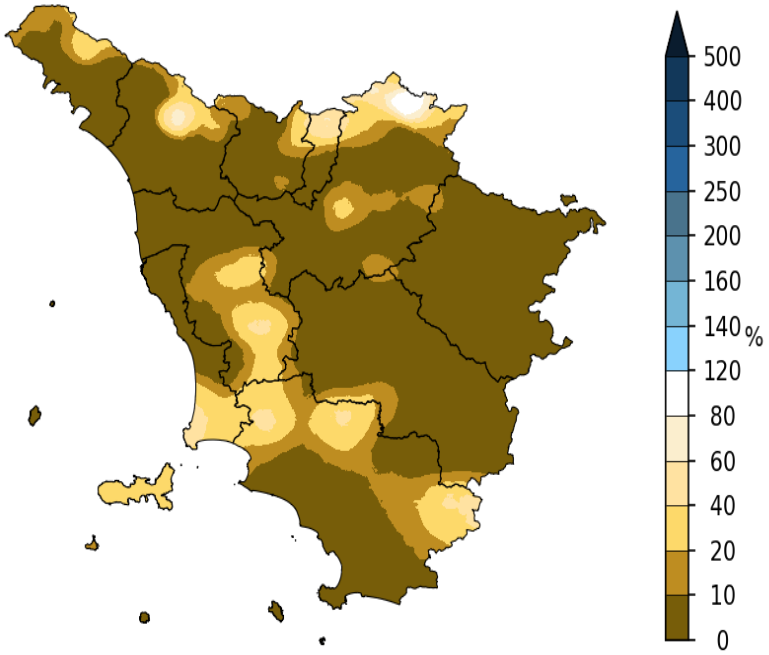




Quadro regionale – Cumulati decadali di precipitazione, anomalia di precipitazione e numero di giorni di pioggia

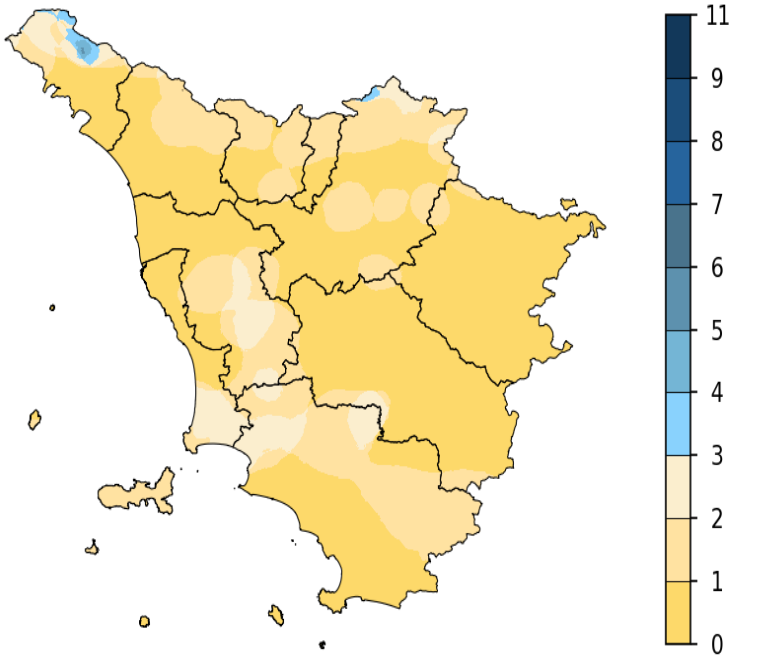


Percentuale di Precipitazione rispetto alla media climatica
dal 01/09/2020 al 10/09/2020



Dati: SIR Regione Toscana, AM, LaMMA

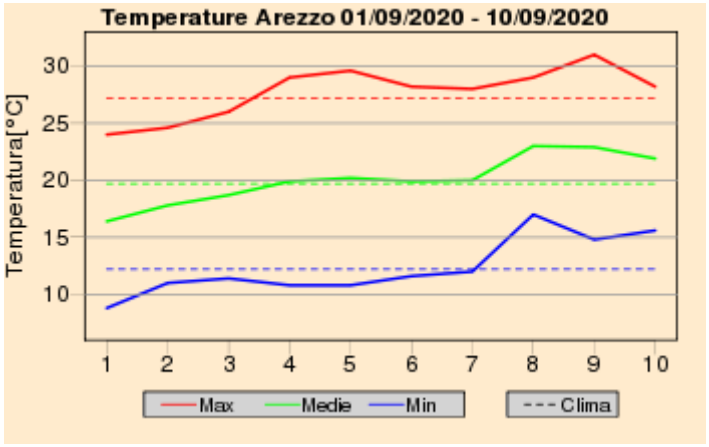
Giorni con Pioggia ≥ di 1 mm dal 01/09/2020 al 10/09/2020

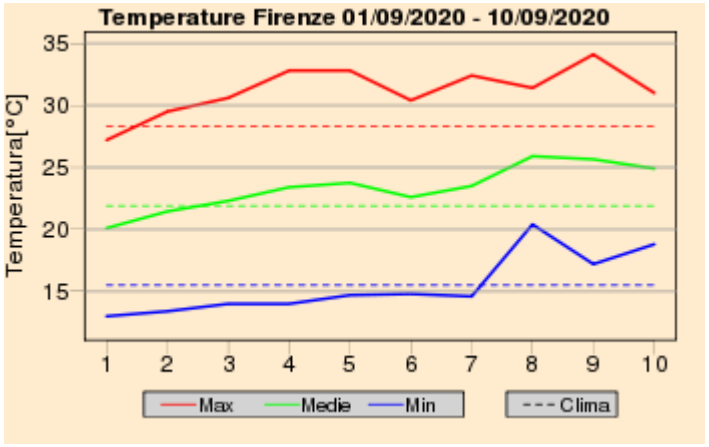


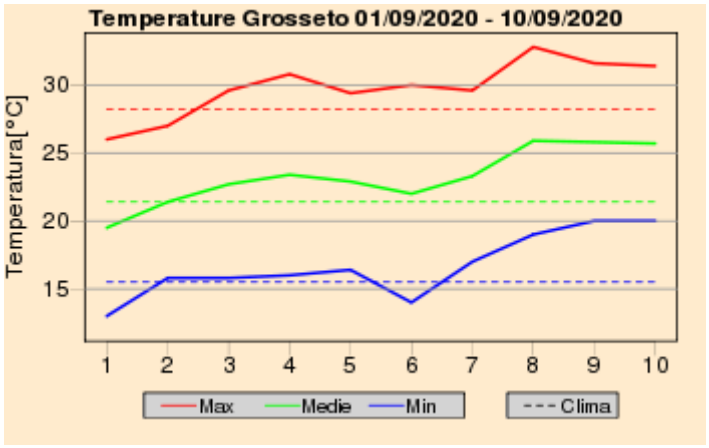
Dati: SIR Regione Toscana, AM, LaMMA

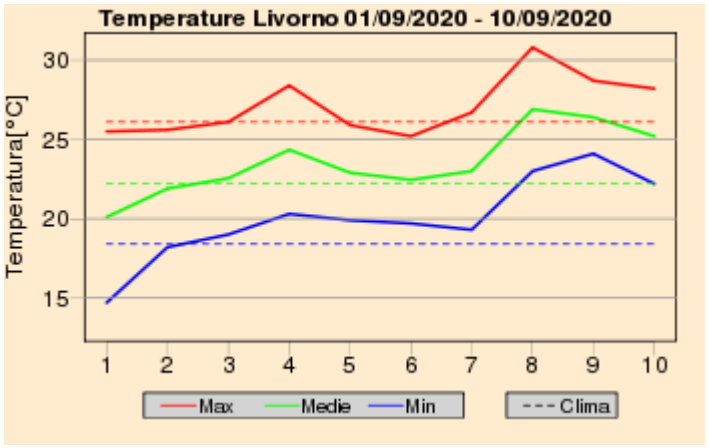
I decade - Quadro regionale – Temperature

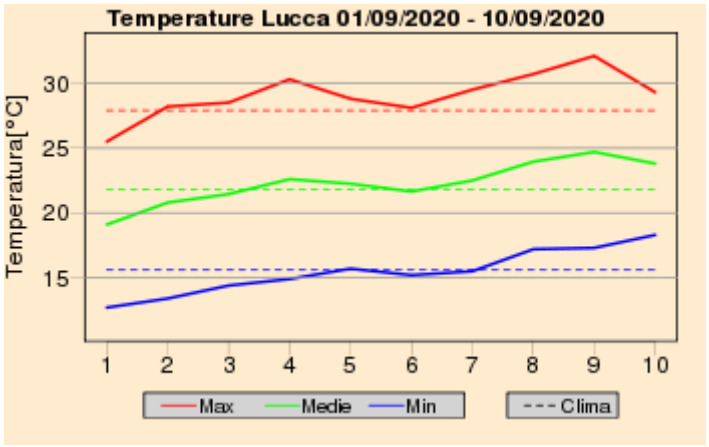
La prima decade di Settembre ha fatto registrare temperature sostanzialmente in linea con le medie tipiche del trentennio 1981-2010. Sia le minime che le massime si sono infatti mantenute costantemente allineate con i valori di riferimento climatologico per tutti e 10 i giorni della decade.

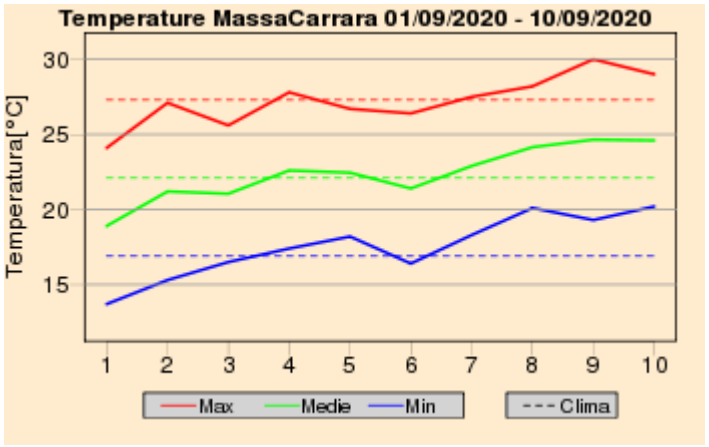


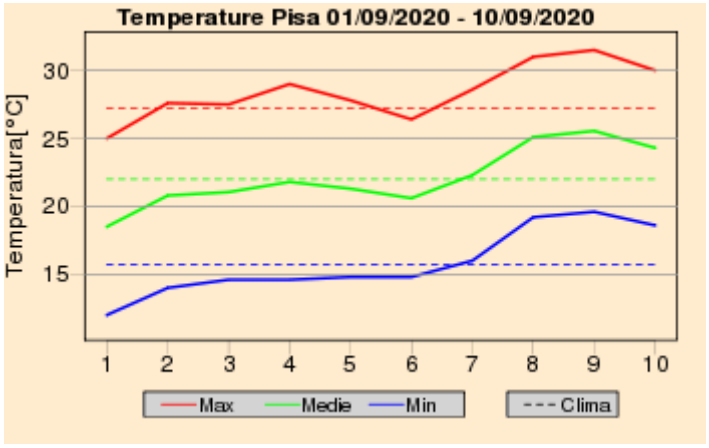


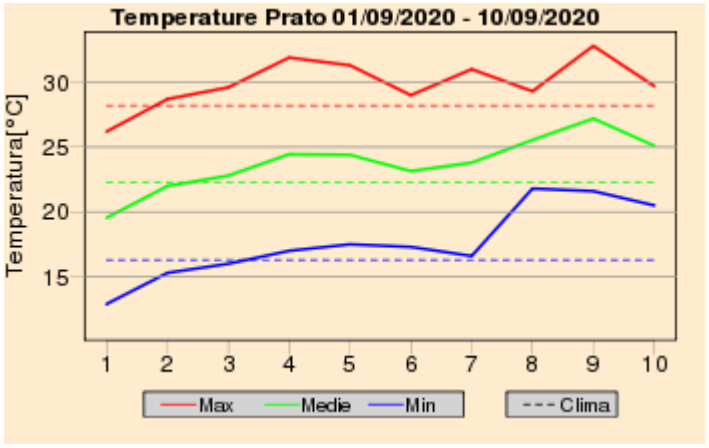


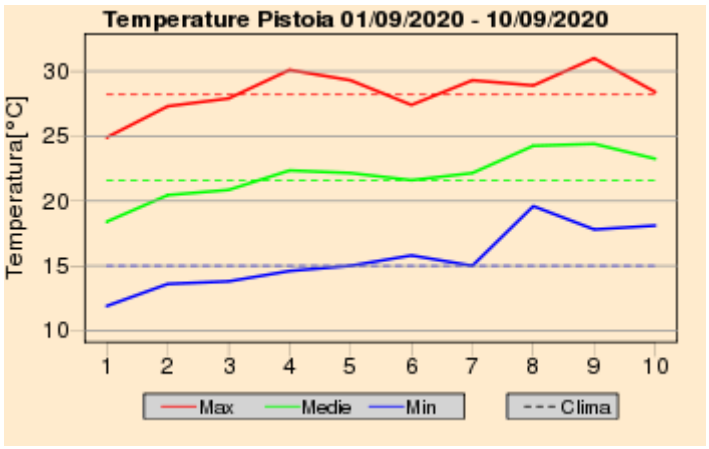


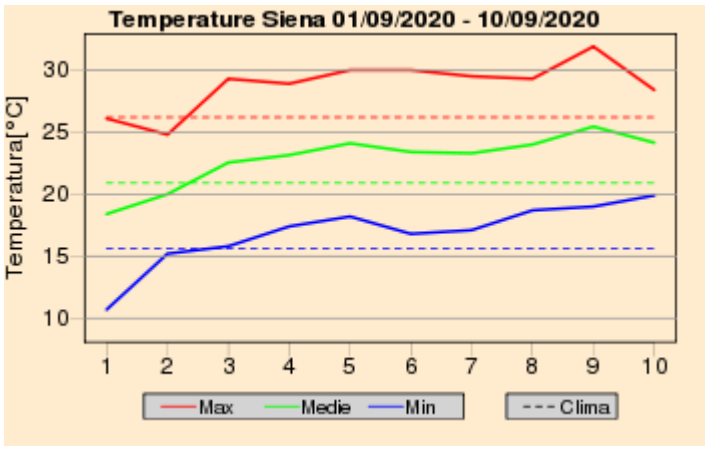




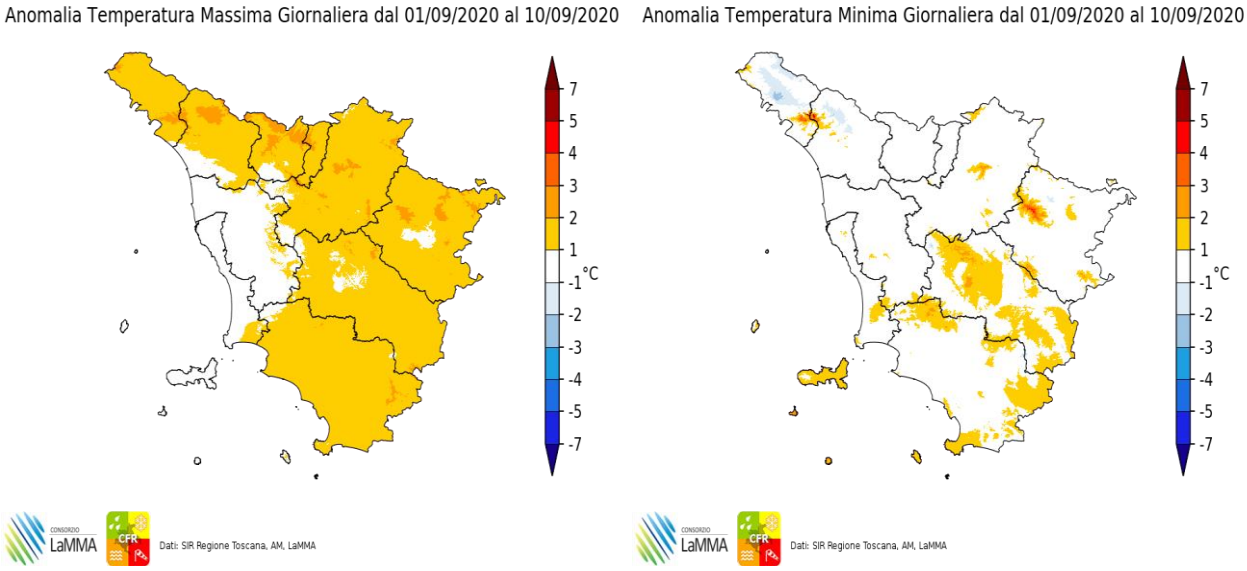








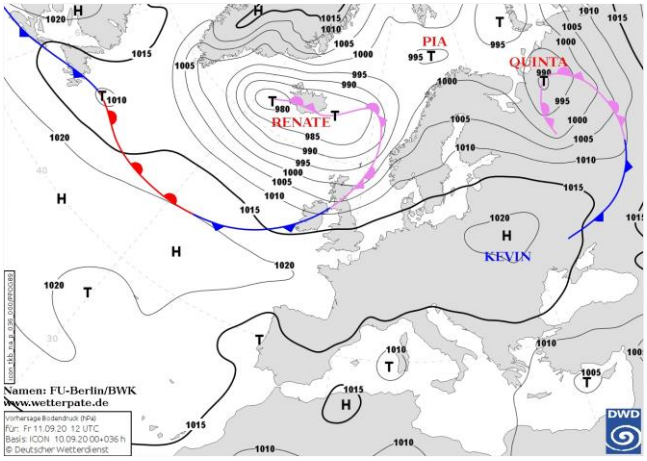
Quadro regionale – Anomalie termiche



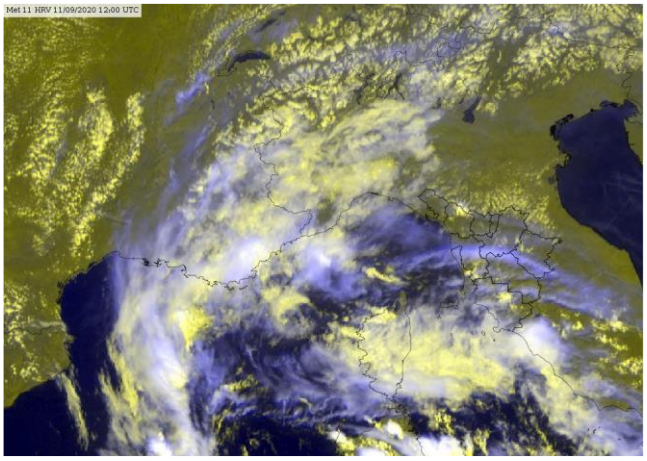
Anomalia termica decadale per le temperature massime e minime giornaliere

Venerdi' 11 Settembre 2020

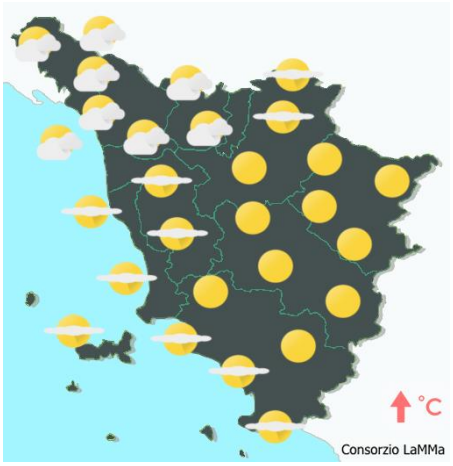
Situazione: un vortice depressionario centrato sulla Sardegna tende a spostarsi verso est determinando un modesto incremento dell'instabilità su parte della Toscana.



Pressione al suolo e fronti del 11 Settembre alle 12 UTC


Meteosat HRV del 11 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: poco nuvoloso o parzialmente nuvoloso con maggiori annuvolamenti nel pomeriggio sui settori occidentali.

Fenomeni: isolati rovesci nel pomeriggio su Lunigiana, Garfagnana e rilievi del grossetano. In serata piogge sulla costa maremmana meridionale. Cumulati massimi intorno agli 8-10 mm.

Venti: deboli o moderati settentrionali.

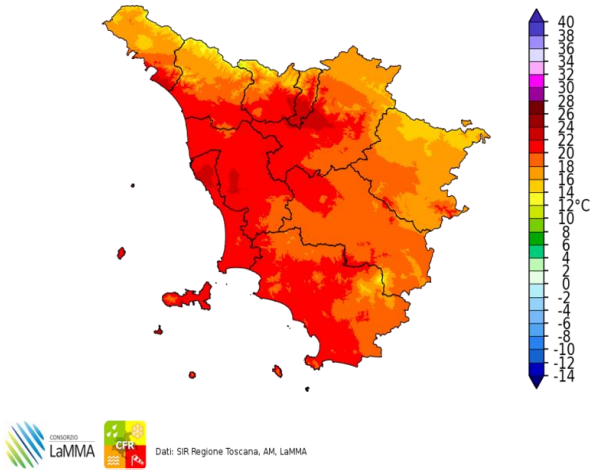
Mari: poco mossi o localmente mossi a largo a nord di Capraia.

Temperature: in ulteriore aumento su valori ben al di sopra delle medie del periodo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	19	22	21	24	20	22	21	22	24	21
	anomalia*	7	8	7	7	6	6	6	8	9	6
T. max	osservata	30	34	30	30	32	30	32	30	30	31
	anomalia*	4	7	3	5	6	4	6	4	4	6
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

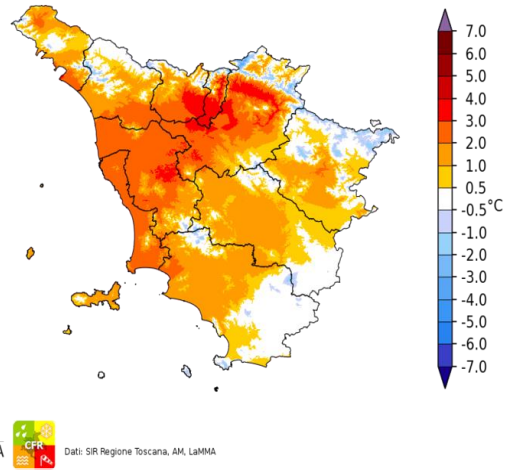
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 11/09/2020



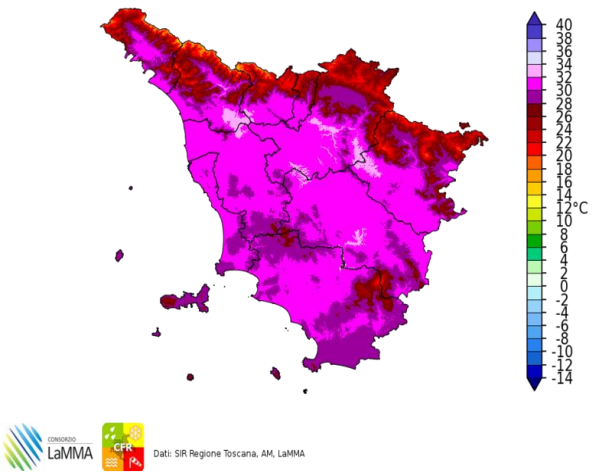
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 11/09/2020 e 10/09/2020



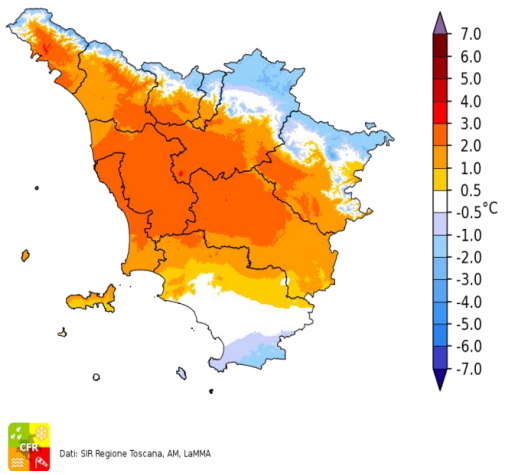
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 11/09/2020



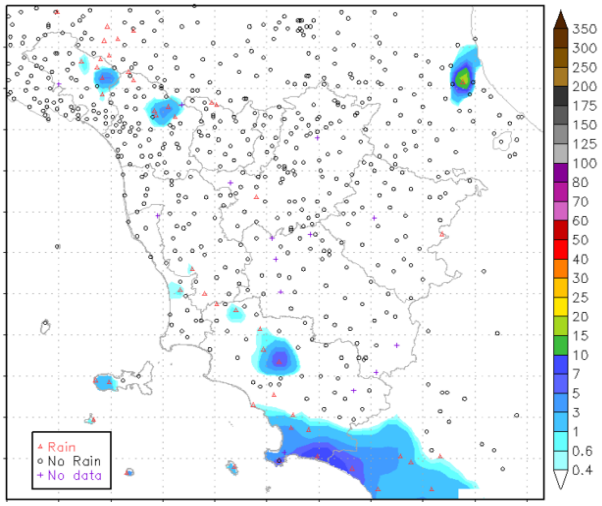
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 11/09/2020 e 10/09/2020

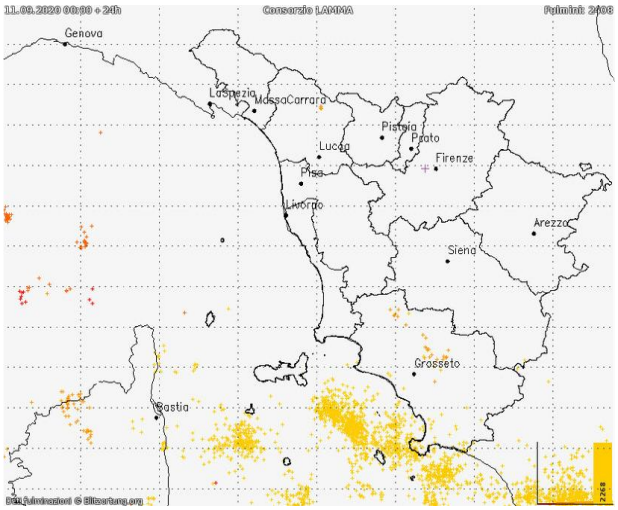


Dati: SIR Regione Toscana, AM, LaMMA

Total Precipitation [mm] cumulated on Fri, 11/09/2020

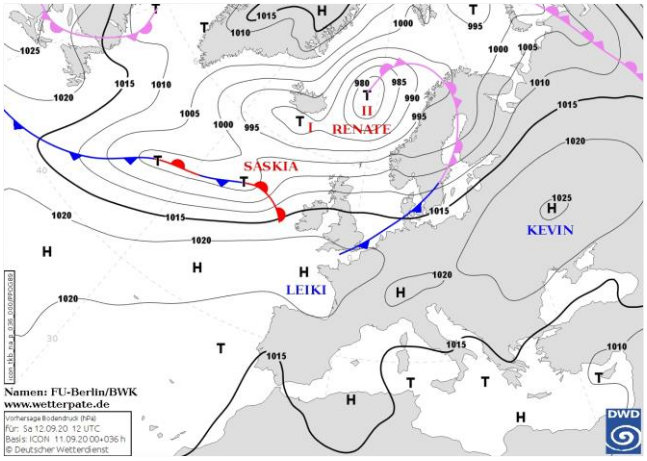


Fulminazioni osservate il giorno 11 Settembre

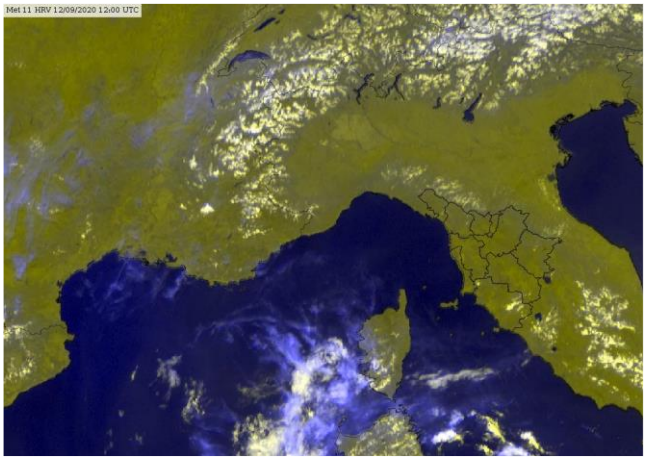


Sabato 12 Settembre 2020

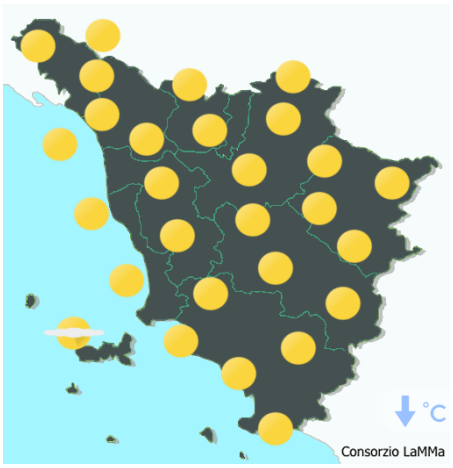
Situazione: pressione in aumento sulla nostra regione..



Pressione al suolo e fronti del 12 Settembre alle 12 UTC


Meteosat HRV del 12 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso.

Fenomeni: nessuno.

Venti: deboli o moderati settentrionali (Grecale nelle zone interne, Maestrale sulla costa).

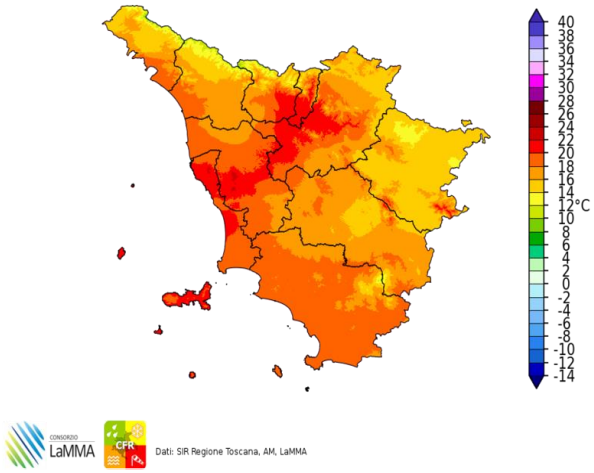
Mari: poco mossi o temporaneamente mossi nel pomeriggio a sud di Capraia.

Temperature: minime in calo; massime in aumento sulle zone meridionali.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	15	21	18	24	17	21	17	22	24	20
	anomalia*	3	7	3	7	3	5	3	8	9	5
T. max	osservata	31	34	31	30	32	29	31	31	31	33
	anomalia*	5	6	4	5	6	3	6	4	4	8
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

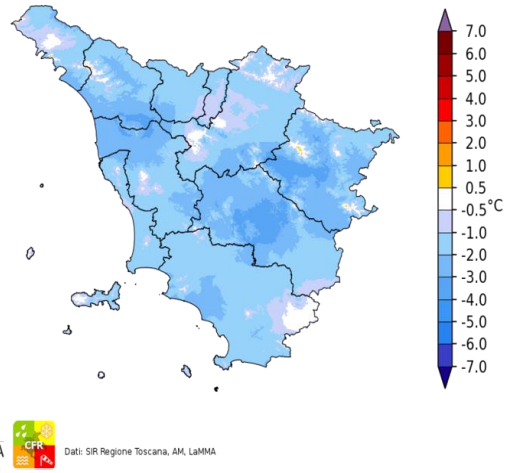
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 12/09/2020



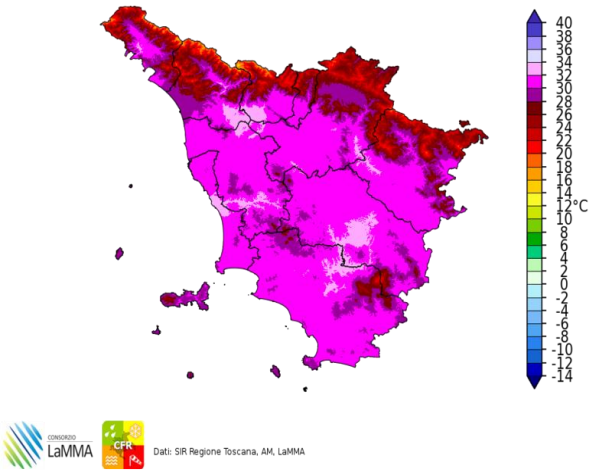
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 12/09/2020 e 11/09/2020



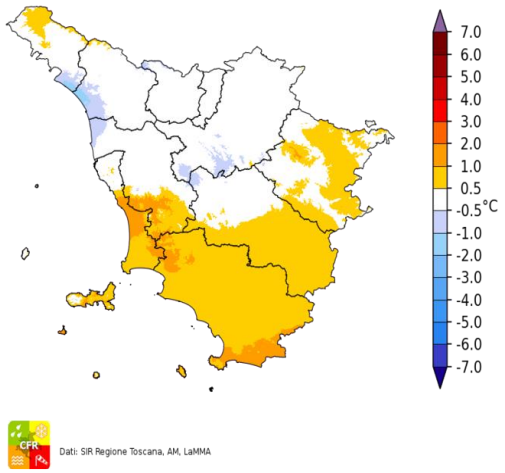
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 12/09/2020



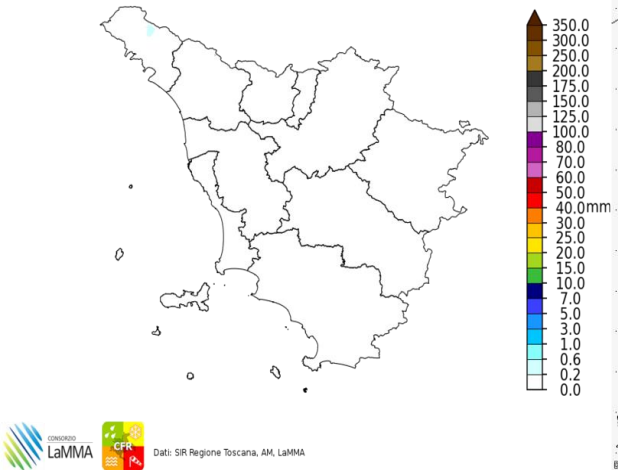
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 12/09/2020 e 11/09/2020



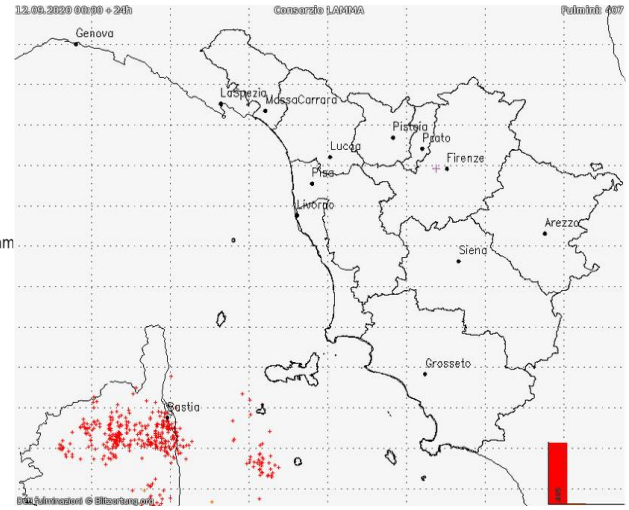
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 12/09/2020



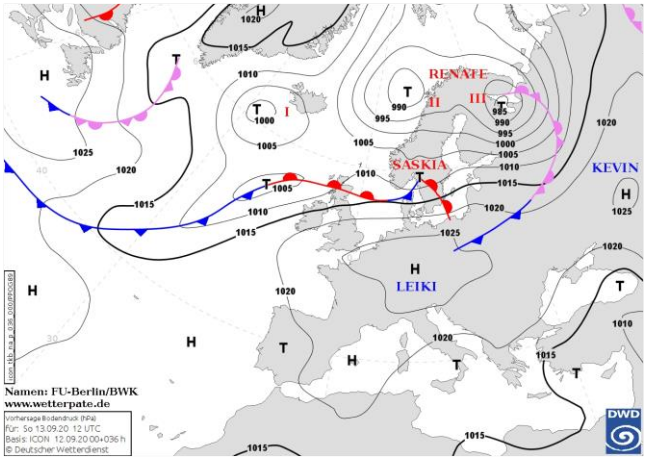
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 12 Settembre

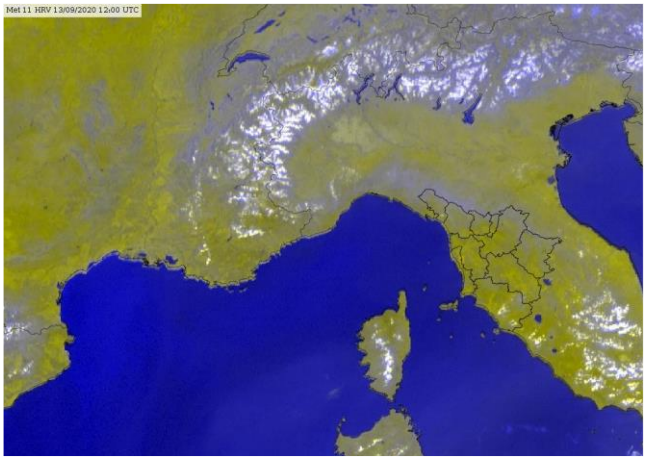


Domenica 13 Settembre 2020

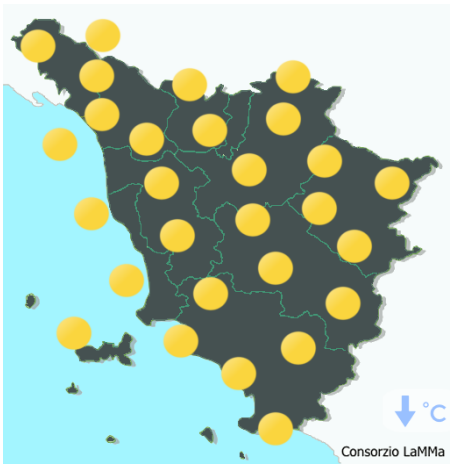
Situazione: un vasto campo di alta pressione interessa l'Europa centrale e gran parte del Mediterraneo, garantendo condizioni di stabilità.



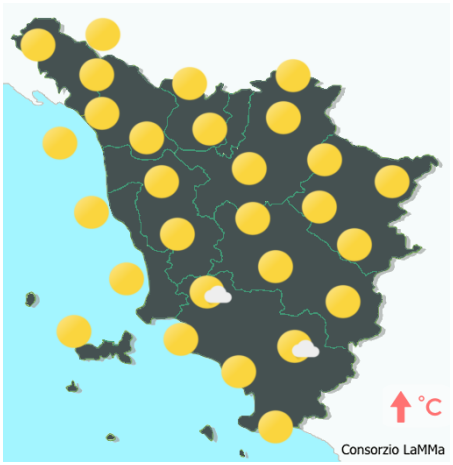
Pressione al suolo e fronti del 13 Settembre alle 12 UTC


Meteosat HRV del 13 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: soleggiato.

Fenomeni: nessuno.

Venti: deboli o moderati settentrionali (Grecale nelle zone interne, Maestrale sulla costa).

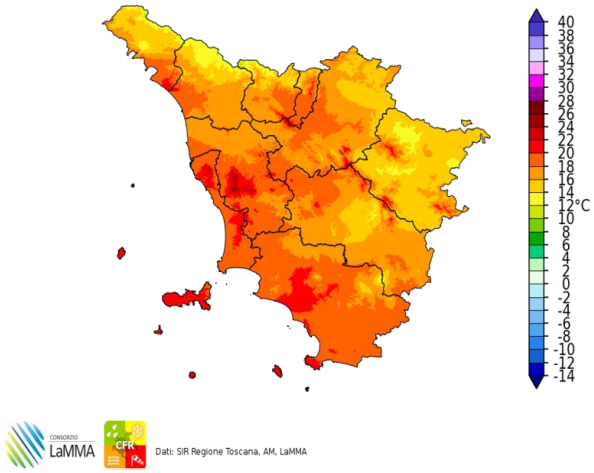
Mari: poco mossi o localmente mossi a largo a sud di Capraia nel pomeriggio.

Temperature: minime in diminuzione nell'interno, massime in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	14	17	20	22	17	20	17	19	23	20
	anomalia*	2	2	5	5	2	4	2	5	8	5
T. max	osservata	33	34	34	31	34	31	33	32	32	32
	anomalia*	7	8	7	6	7	5	7	5	5	7
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

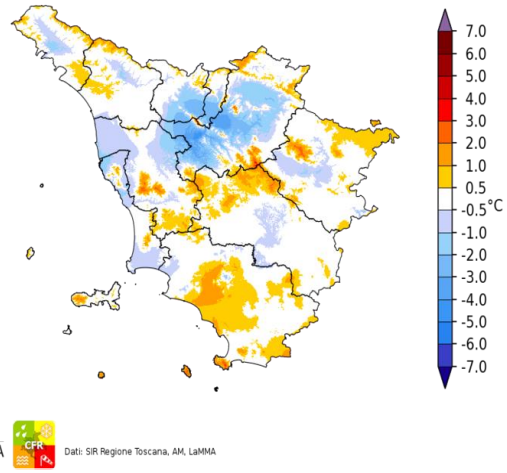
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 13/09/2020



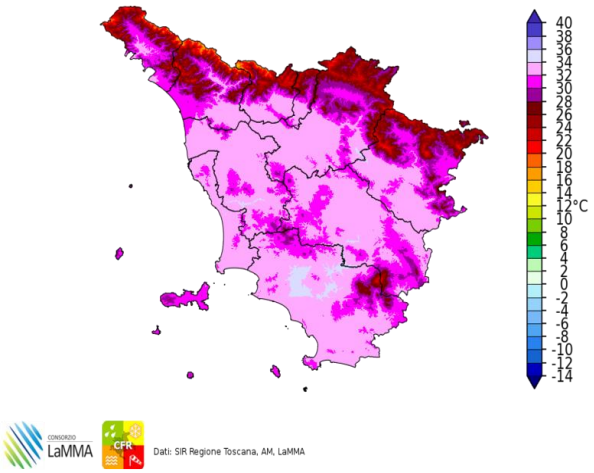
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 13/09/2020 e 12/09/2020



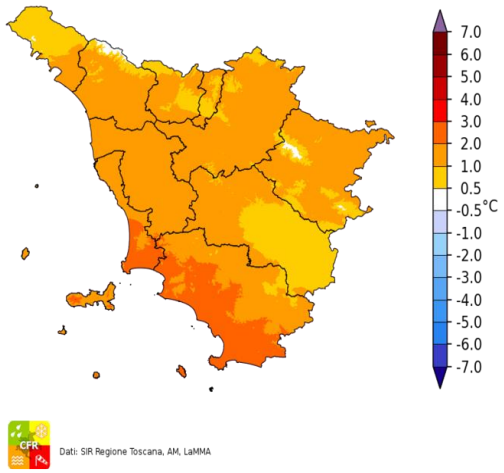
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 13/09/2020



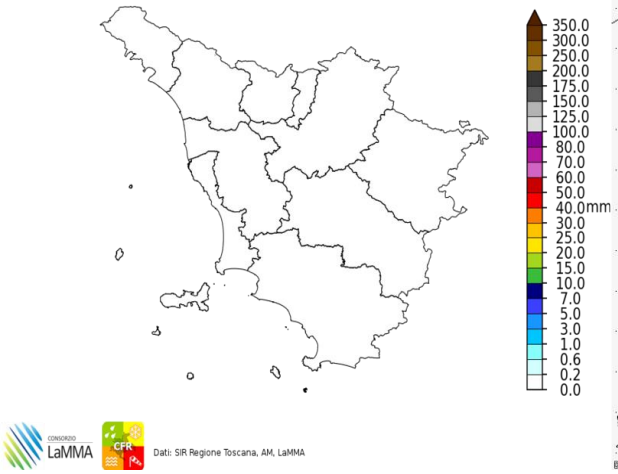
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 13/09/2020 e 12/09/2020



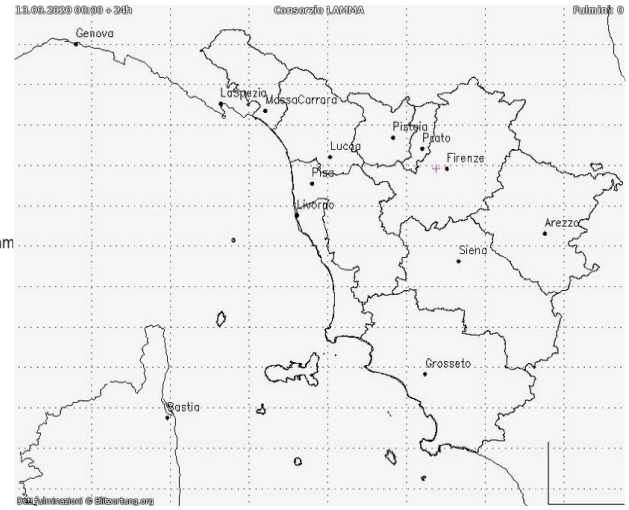
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 13/09/2020



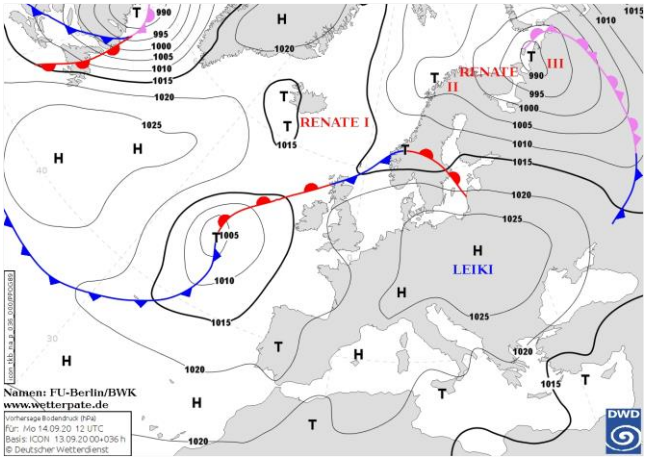
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 13 Settembre

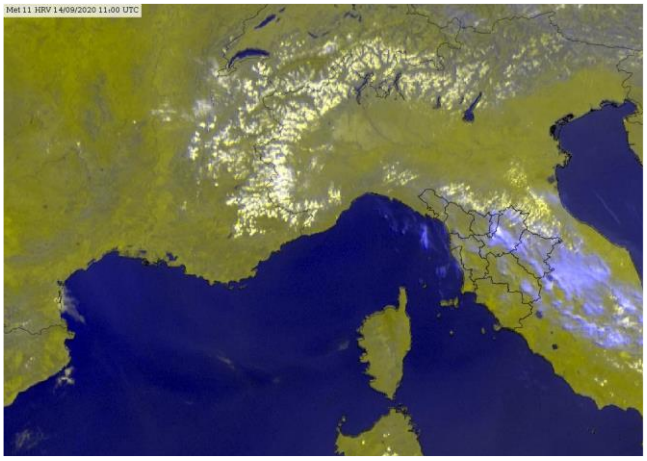


Lunedi' 14 Settembre 2020

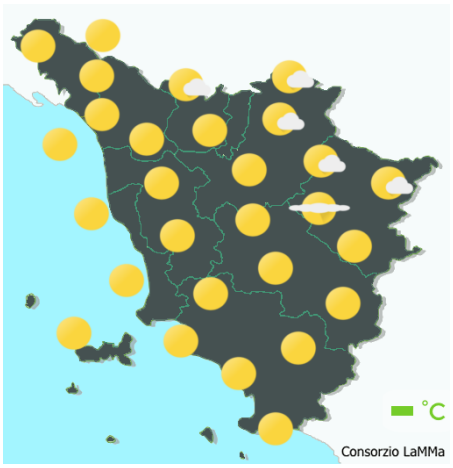
Situazione: alta pressione con tempo stabile e in prevalenza soleggiato, temperature superiori alla media del periodo.



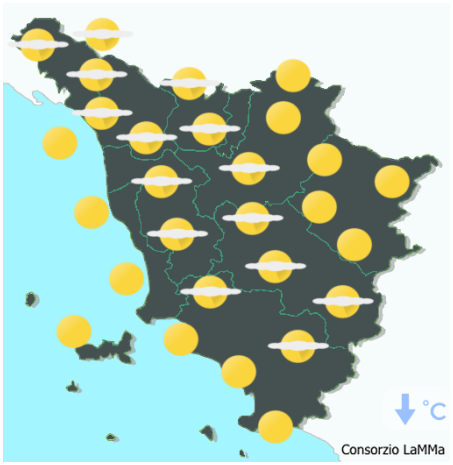
Pressione al suolo e fronti del 14 Settembre alle 12 UTC


Meteosat HRV del 14 Settembre alle 11 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno salvo transito di velature nel pomeriggio.

Fenomeni: nessuno.

Venti: da deboli a moderati settentrionali (Grecale nelle zone interne, Maestrale sulla costa).

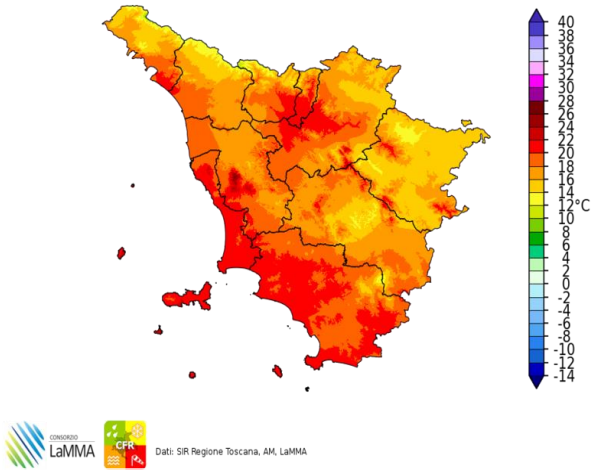
Mari: poco mossi, localmente mossi al largo.

Temperature: minime stazionarie o in locale rialzo, massime in generale calo ma su valori superiori alle medie.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	16	21	19	24	17	21	18	20	24	20
	anomalia*	4	6	4	7	3	5	3	6	9	5
T. max	osservata	31	33	34	32	32	30	33	30	31	30
	anomalia*	5	6	8	7	6	4	7	4	4	5
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

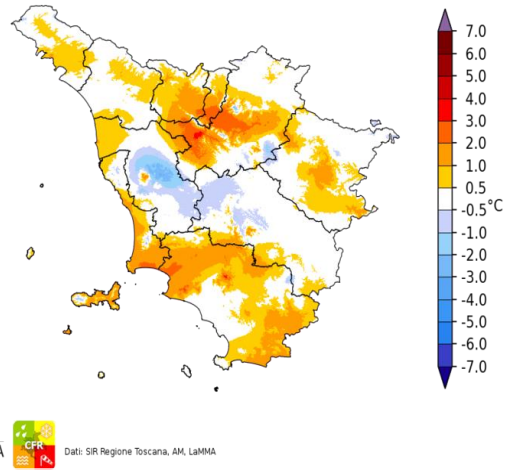
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 14/09/2020



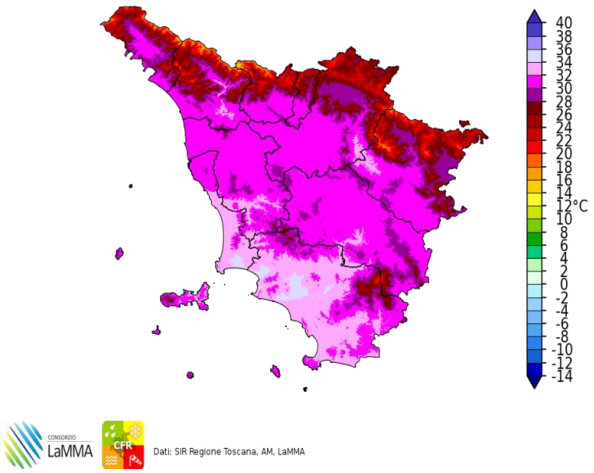
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 14/09/2020 e 13/09/2020



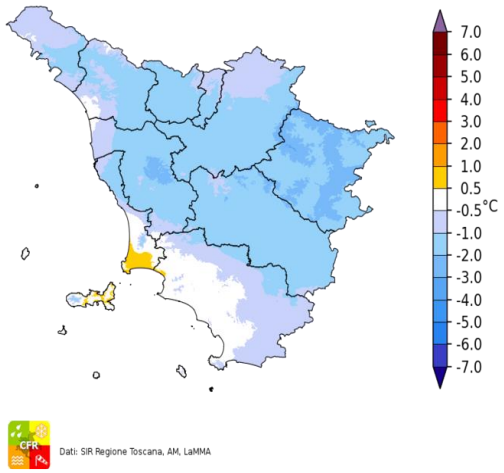
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 14/09/2020



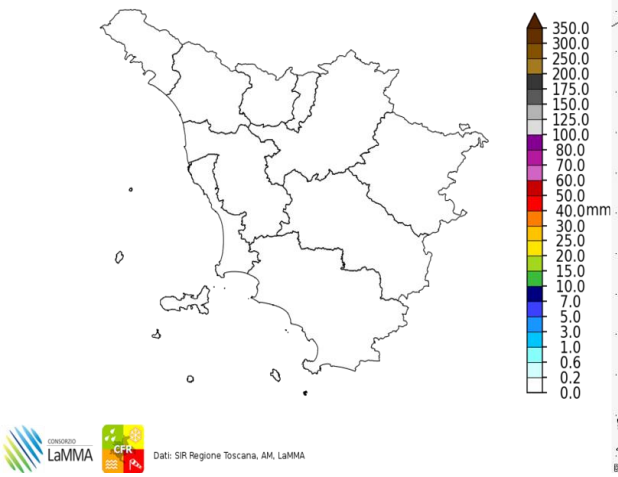
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 14/09/2020 e 13/09/2020



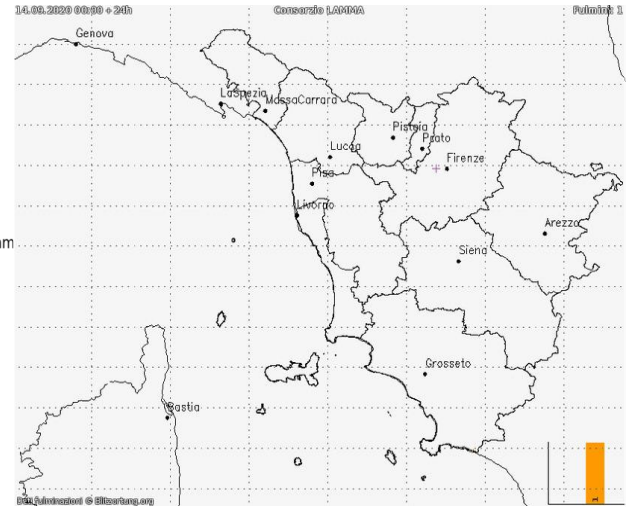
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 14/09/2020



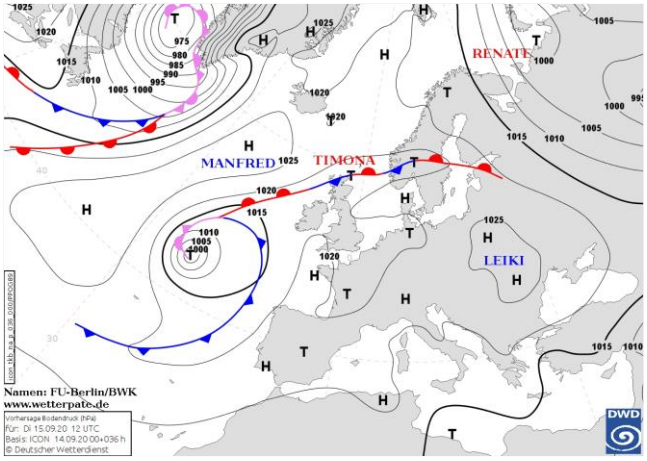
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 14 Settembre

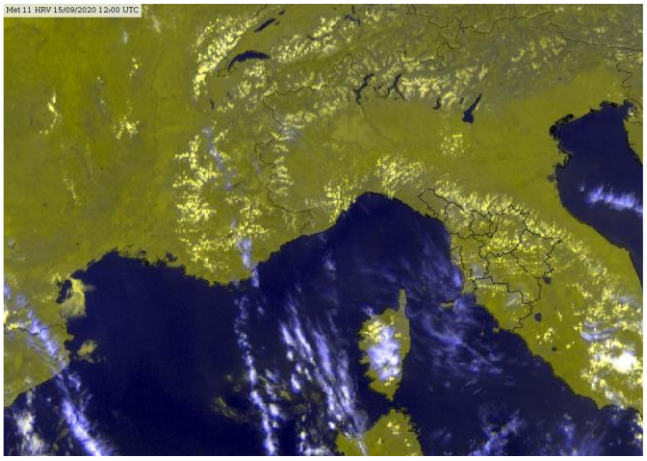


Martedi' 15 Settembre 2020

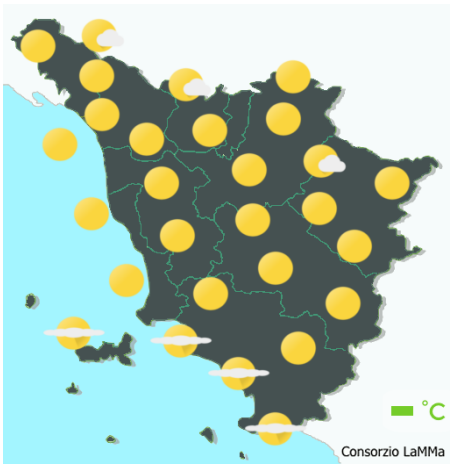
Situazione: alta pressione su buona parte dell'Europa con prevalenza di ventilazione debole settentrionale sul centro-nord della penisola italiana. La presenza di aria fresca in quota sul Mediterraneo centro-occidentale determina locale instabilità anche sulla Toscana.



Pressione al suolo e fronti del 15 Settembre alle 12 UTC


Meteosat HRV del 15 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno con modesti addensamenti pomeridiani sulle zone interne.

Fenomeni: isolato rovescio pomeridiana sul monte Amiata.

Venti: deboli o moderati settentrionali.

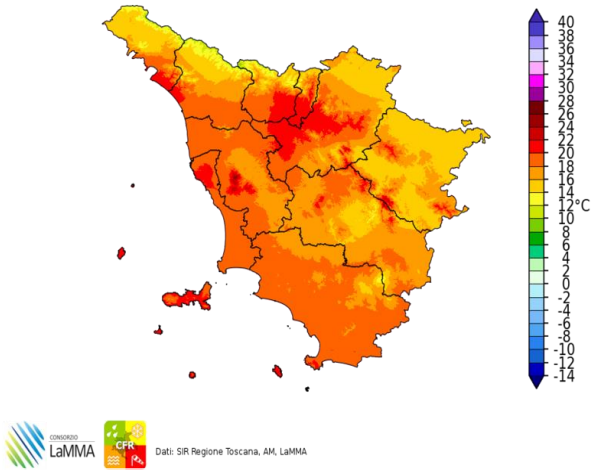
Mari: poco mossi o temporaneamente mossi a largo nel pomeriggio.

Temperature: superiori alle medie.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	15	21	18	24	18	21	18	20	23	20
	anomalia*	4	6	3	6	4	5	3	6	7	5
T. max	osservata	31	34	32	30	32	32	32	30	31	31
	anomalia*	5	6	5	5	6	6	6	4	5	6
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

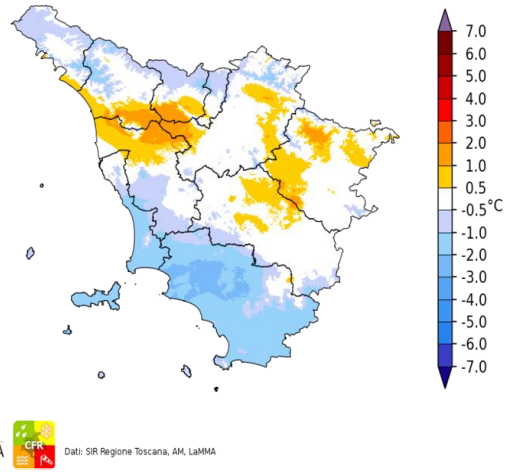
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 15/09/2020



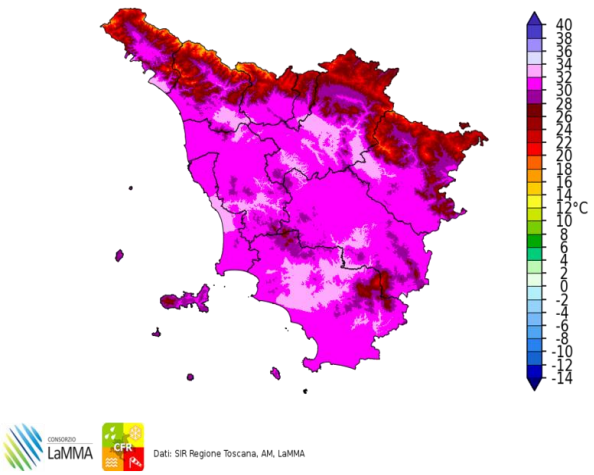
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 15/09/2020 e 14/09/2020



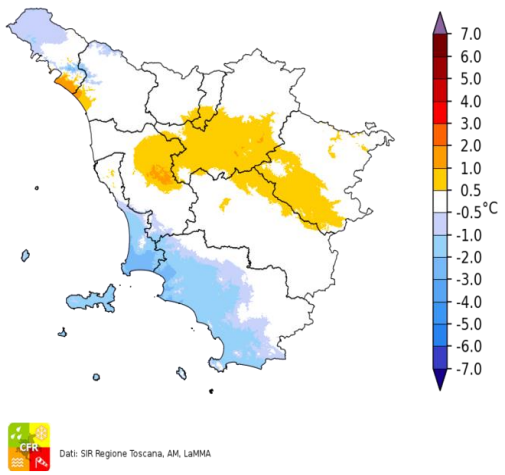
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 15/09/2020



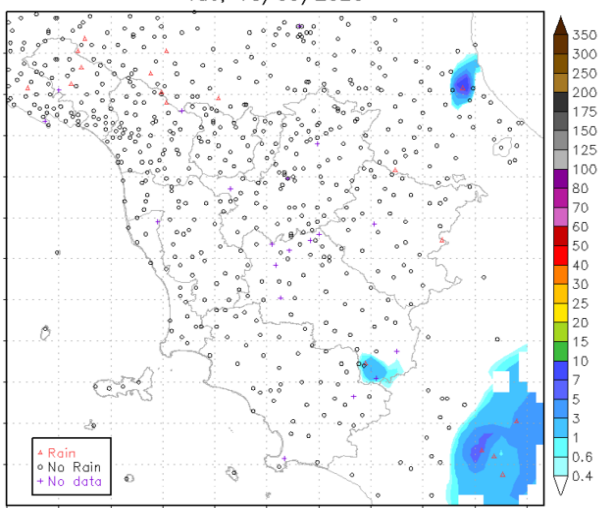
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 15/09/2020 e 14/09/2020

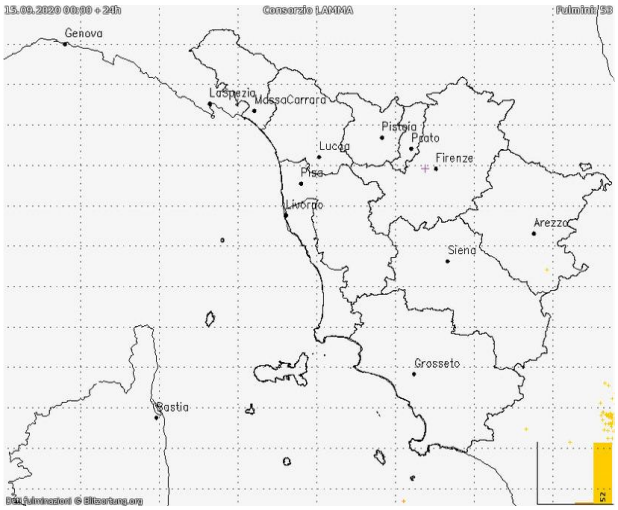


Dati: SIR Regione Toscana, AM, LaMMA

Total Precipitation [mm] cumulated on Tue, 15/09/2020

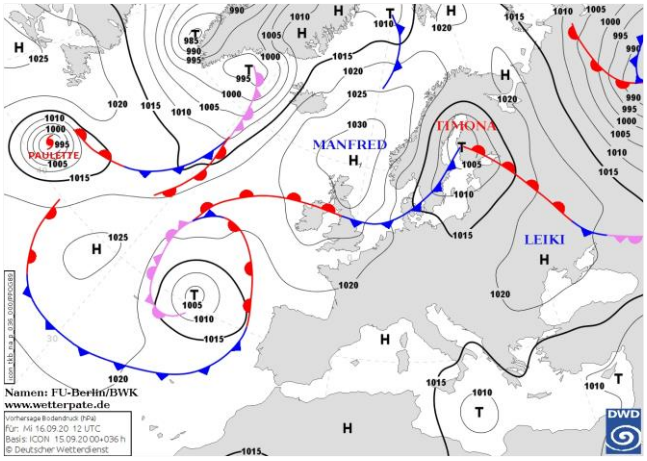


Fulminazioni osservate il giorno 15 Settembre

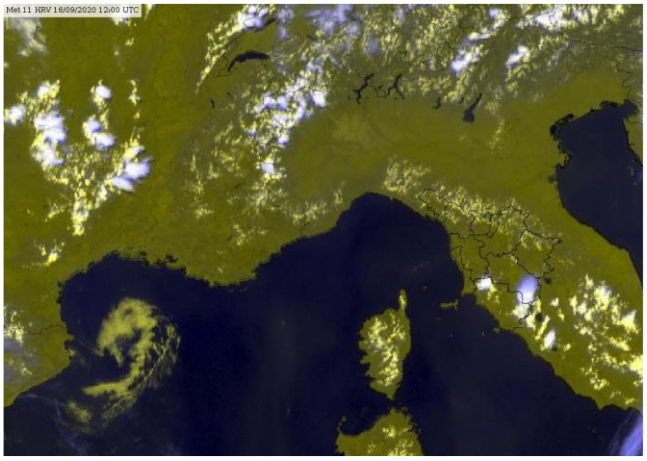


Mercoledi' 16 Settembre 2020

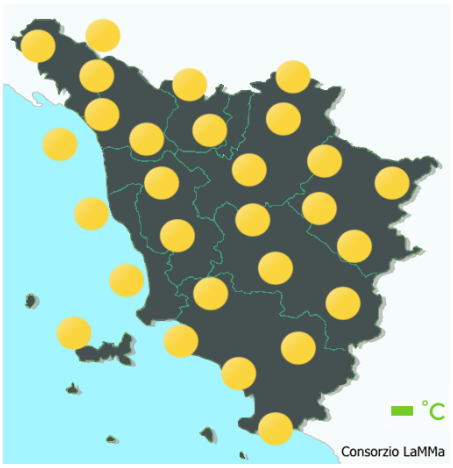
Situazione: alta pressione su buona parte dell'Europa con prevalenza di ventilazione debole settentrionale sul centro-nord della penisola italiana. La presenza di aria fresca in quota sul Mediterraneo centro-occidentale determina locale instabilità anche sulla Toscana.



Pressione al suolo e fronti del 16 Settembre alle 12 UTC


Meteosat HRV del 16 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno salvo sviluppo di nuvolosità cumuliforme pomeridiana sulle zone meridionali.

Fenomeni: temporali sparsi sulle zone meridionali.

Venti: deboli variabili nelle zone interne, di brezza lungo la costa.

Mari: poco mossi.

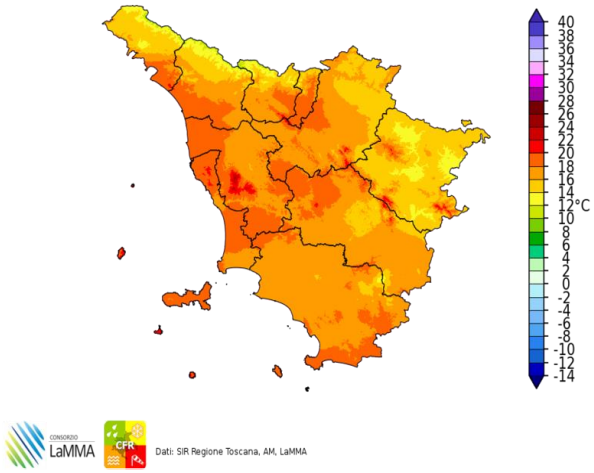
Temperature: stazionarie o in lieve calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	14	17	17	22	18	20	18	18	22	20
	anomalia*	2	3	2	5	4	4	3	4	7	5
T. max	osservata	30	34	33	27	31	28	30	31	32	32
	anomalia*	4	7	6	2	5	2	4	4	5	8
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

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

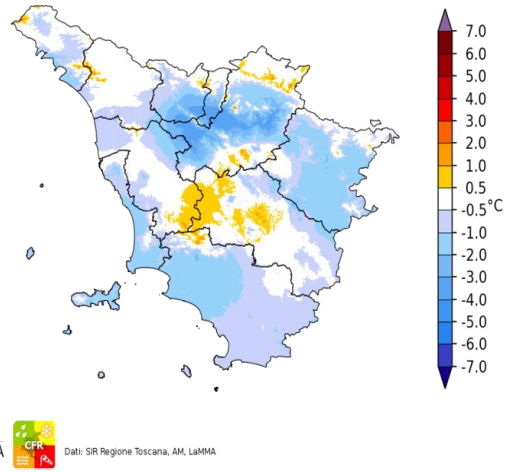
Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 16/09/2020



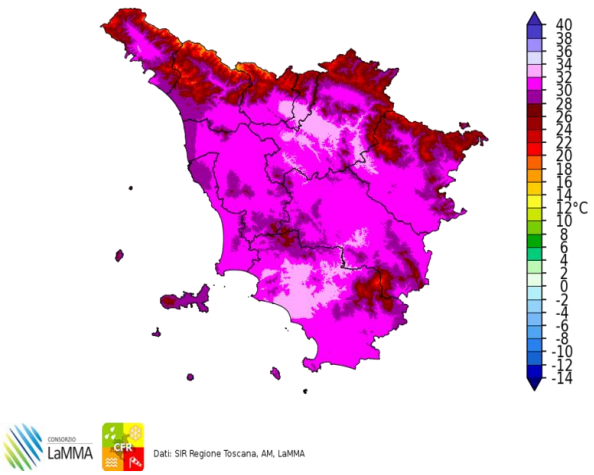
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 16/09/2020 e 15/09/2020



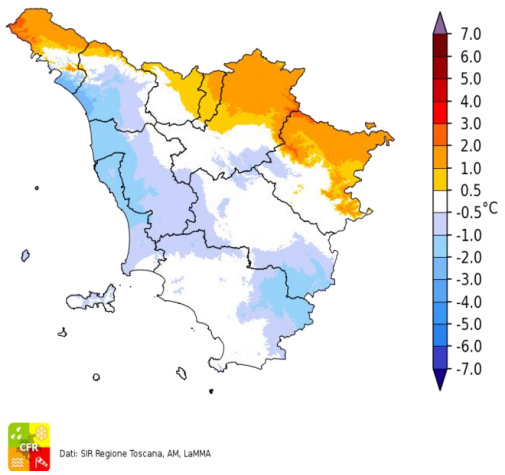
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 16/09/2020



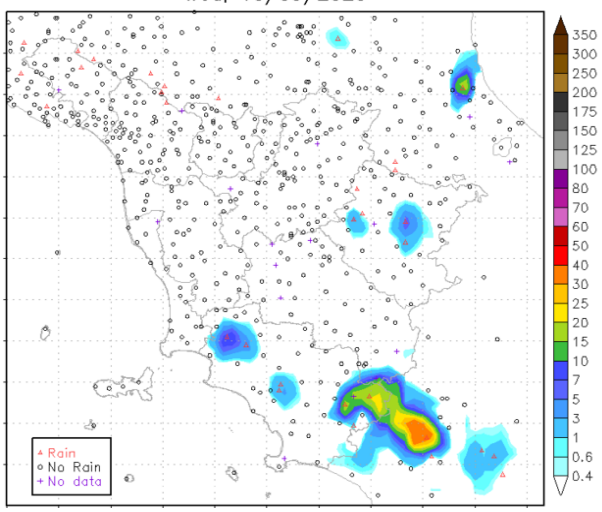
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 16/09/2020 e 15/09/2020

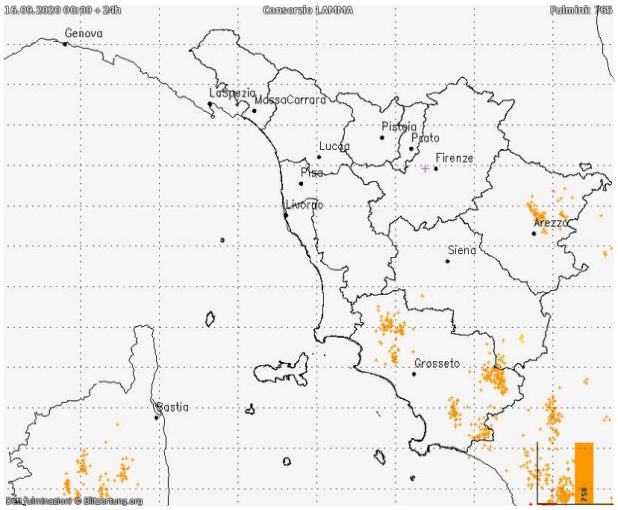


Dati: SIR Regione Toscana, AM, LaMMA

Total Precipitation [mm] cumulated on Wed, 16/09/2020

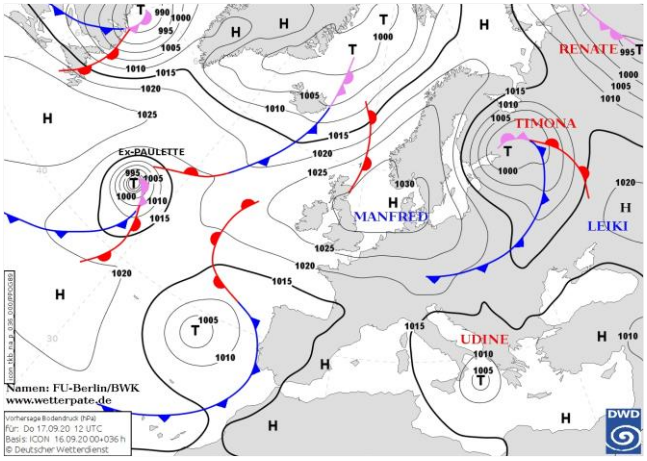


Fulminazioni osservate il giorno 16 Settembre

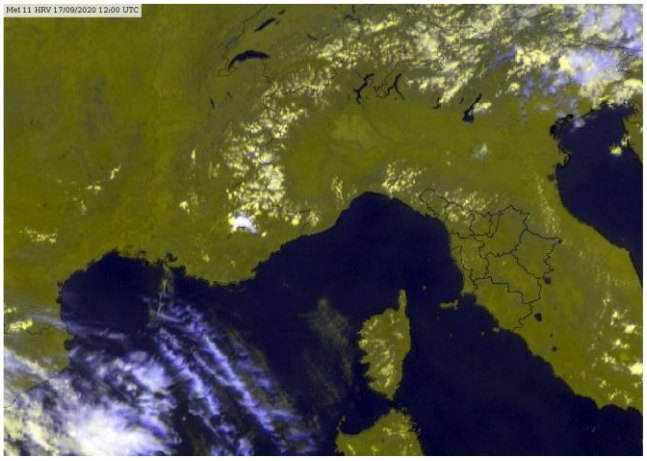


Giovedi' 17 Settembre 2020

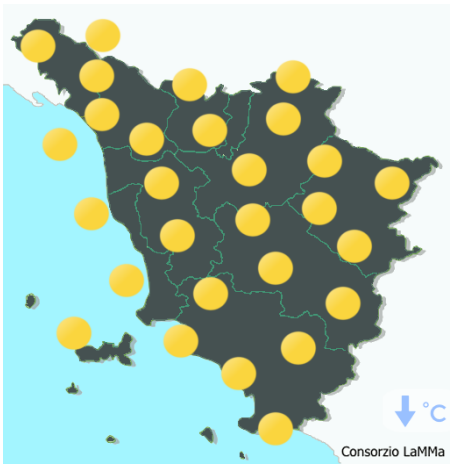
Situazione: mentre l'alta pressione si mantiene robusta sul nord Europa, una depressione svincolata dal flusso atlantico e con caratteristiche spiccatamente barotropiche si mantiene quasi stazionaria sul mar Ionio; sulla Toscana si mantengono condizioni di modesta instabilità per la presenza di aria moderatamente fresca in quota.



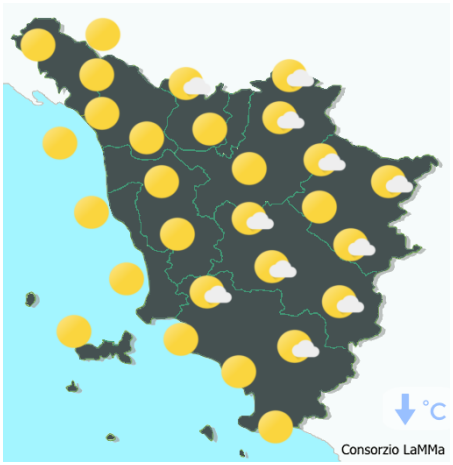
Pressione al suolo e fronti del 17 Settembre alle 12 UTC


Meteosat HRV del 17 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso.

Fenomeni: nessuno.

Venti: deboli nord orientali; Maestrale sulla costa nel pomeriggio.

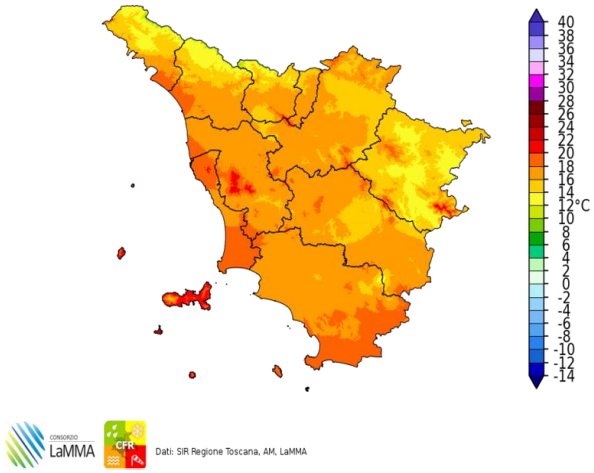
Mari: poco mossi, a tratti mossi nel pomeriggio in Maremma.

Temperature: in lieve calo, ma ancora su valori superiori alla media.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	13	16	12	22	17	19	17	16	19	19
	anomalia*	1	2	-3	5	3	3	2	2	4	4
T. max	osservata	30	33	33	26	31	28	29	31	32	32
	anomalia*	4	6	7	1	5	2	3	4	5	7
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

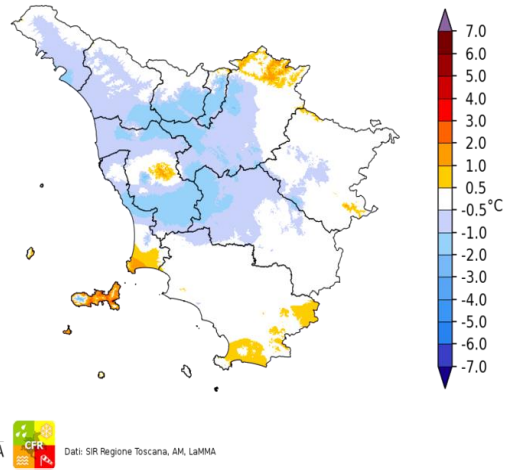
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 17/09/2020



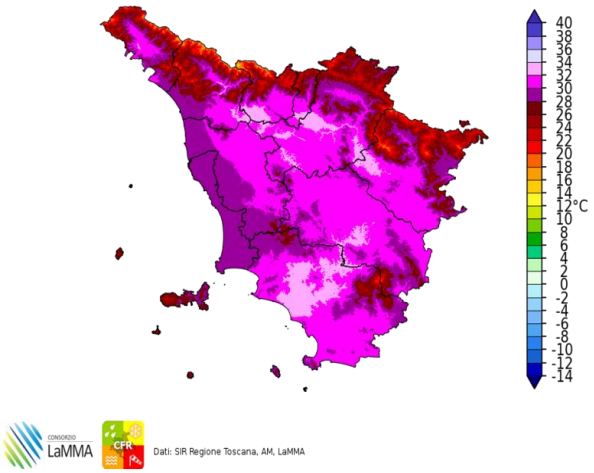
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 17/09/2020 e 16/09/2020



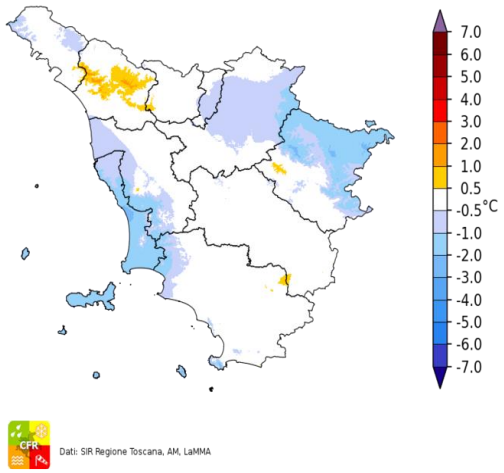
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 17/09/2020



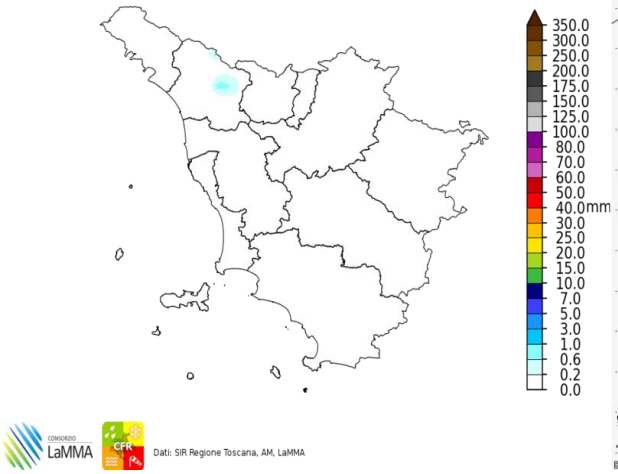
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 17/09/2020 e 16/09/2020



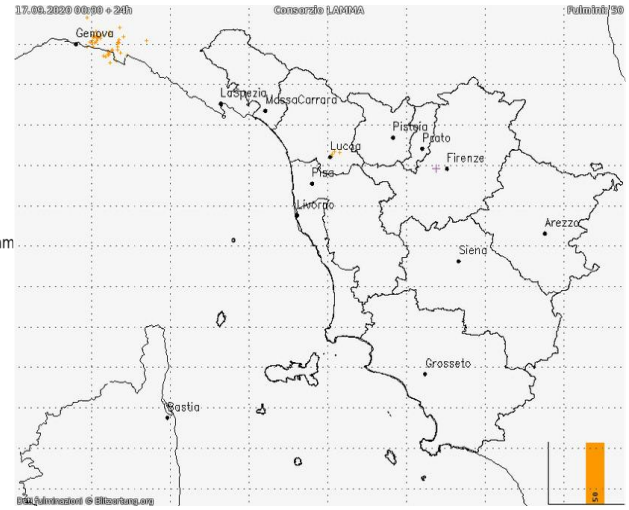
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 17/09/2020



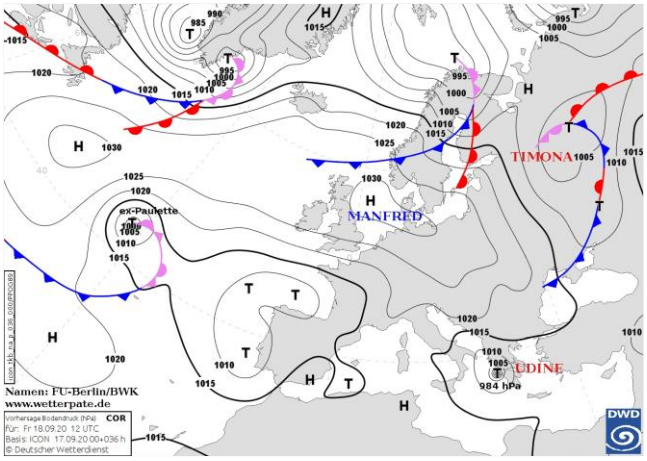
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 17 Settembre

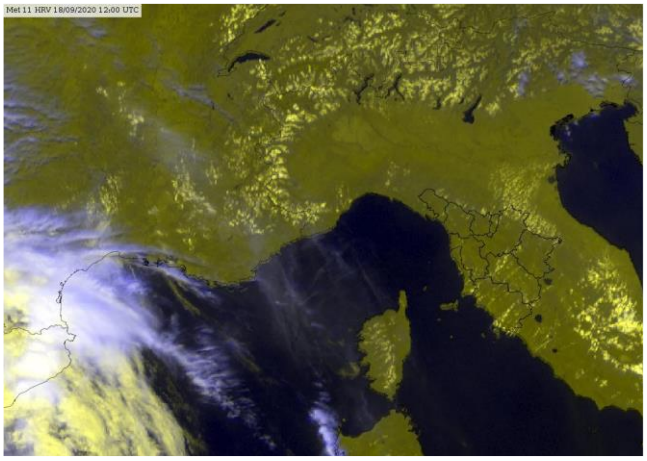


Venerdi' 18 Settembre 2020

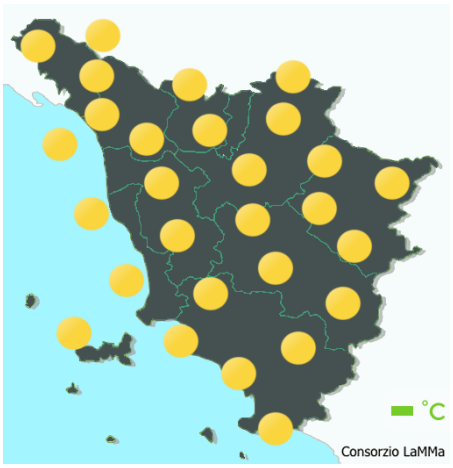
Situazione: l'Italia continua a essere interessata da un'area di alta pressione di matrice africana con temperature ancora ampiamente sopra la media.



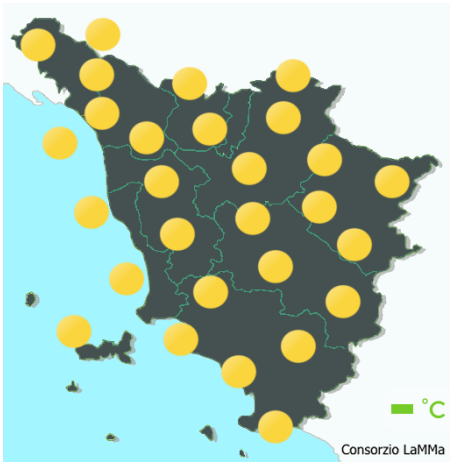
Pressione al suolo e fronti del 18 Settembre alle 12 UTC


Meteosat HRV del 18 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: sereno o poco nuvoloso.

Fenomeni: nessuno.

Venti: in prevalenza deboli settentrionali.

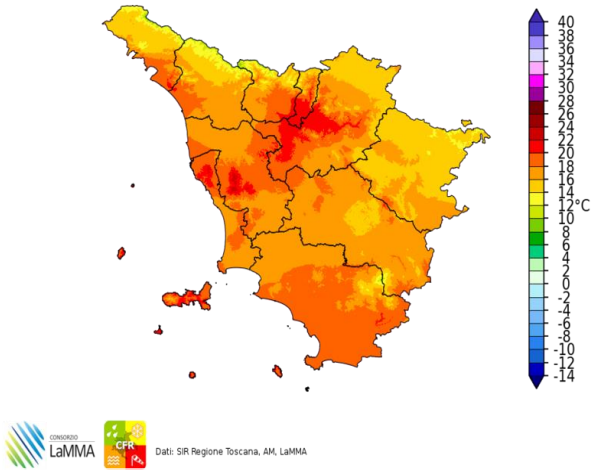
Mari: poco mossi.

Temperature: minime in aumento, massime stazionarie o in lieve calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	14	21	20	23	17	20	16	19	22	19
	anomalia*	3	6	5	6	2	4	1	5	7	4
T. max	osservata	28	32	33	29	32	28	31	30	30	31
	anomalia*	2	5	6	4	5	2	5	3	3	6
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

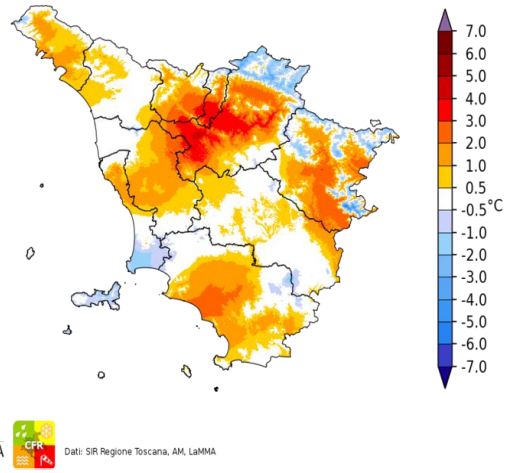
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 18/09/2020



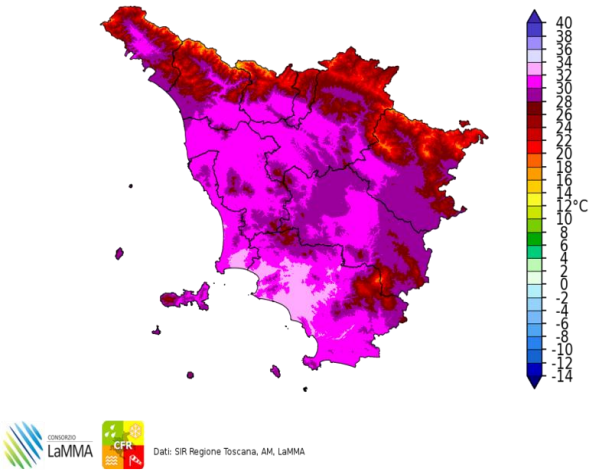
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 18/09/2020 e 17/09/2020



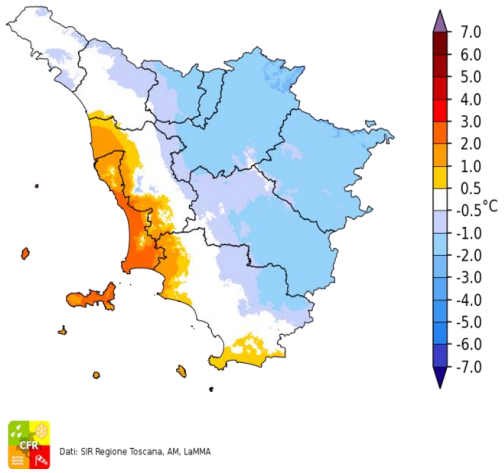
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 18/09/2020



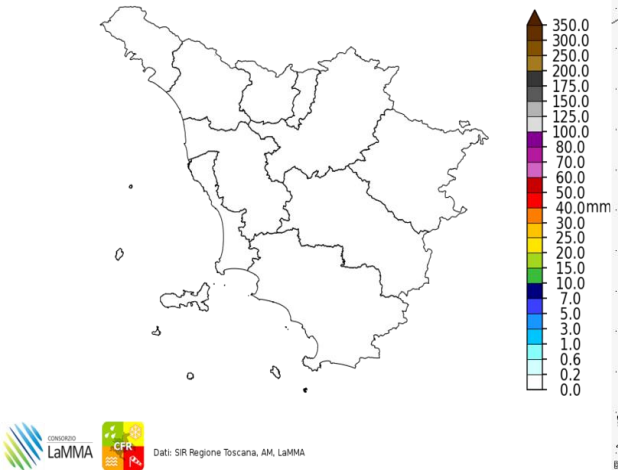
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 18/09/2020 e 17/09/2020



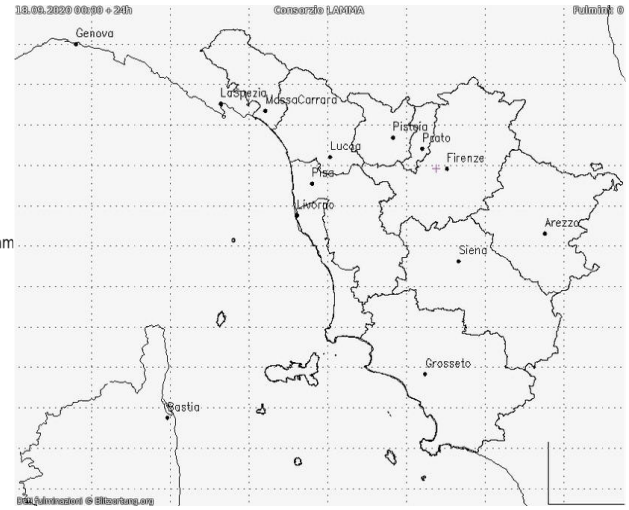
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 18/09/2020



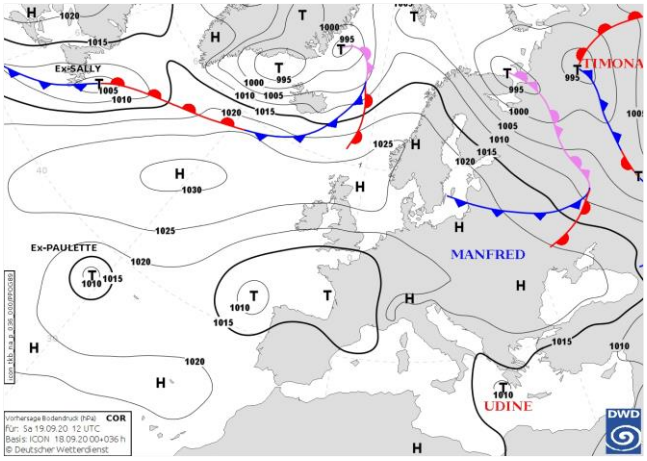
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 18 Settembre

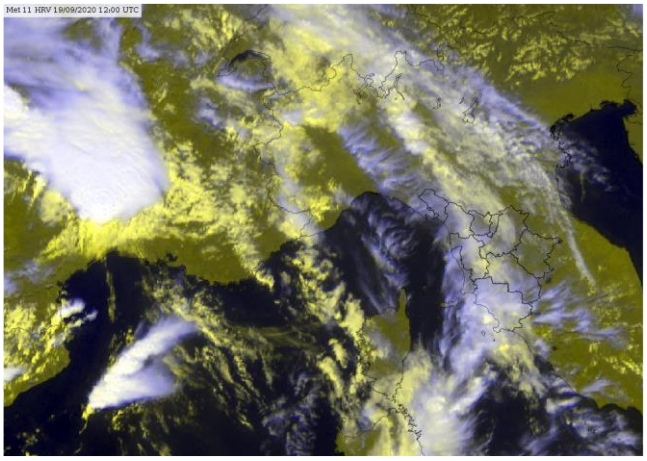


Sabato 19 Settembre 2020

Situazione: l'Italia continua a essere interessata da un'area di alta pressione di matrice africana con temperature ancora ampiamente sopra la media.



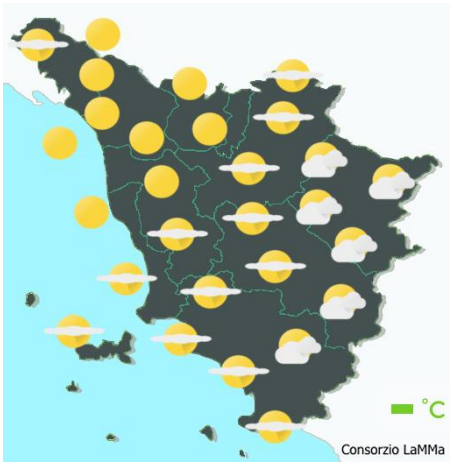
Pressione al suolo e fronti del 19 Settembre alle 12 UTC


Meteosat HRV del 19 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: velato con nubi temporaneamente più consistenti.

Fenomeni: nessuno.

Venti: deboli settentrionali.

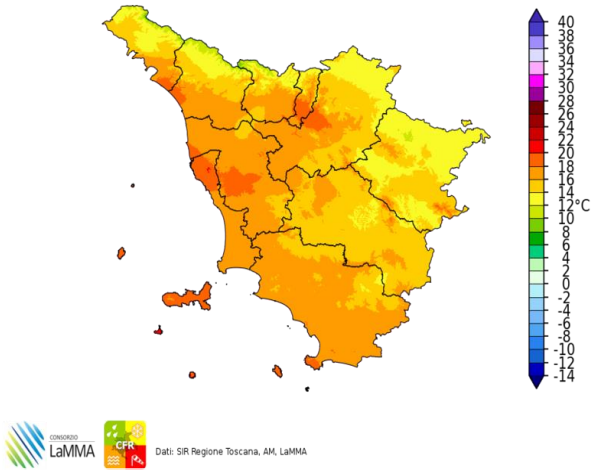
Mari: poco mossi.

Temperature: in calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	15	18	17	22	16	18	17	17	20	18
	anomalia*	3	4	2	5	2	2	2	3	4	3
T. max	osservata	29	32	29	28	30	28	30	30	31	29
	anomalia*	3	5	2	3	3	1	4	3	4	4
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

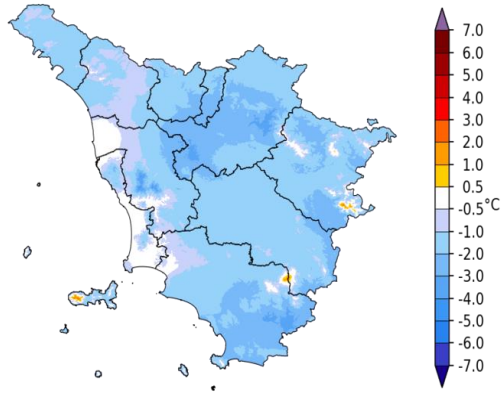
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 19/09/2020



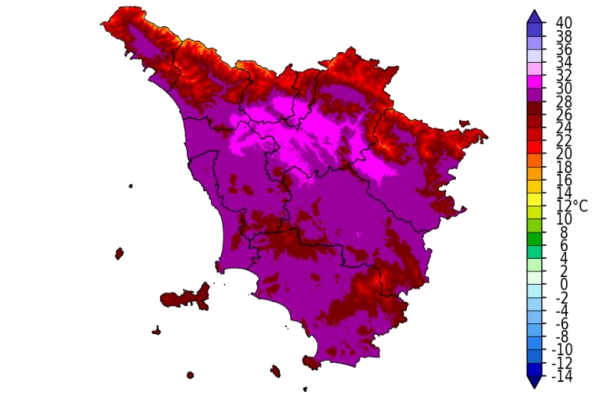
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 19/09/2020 e 18/09/2020



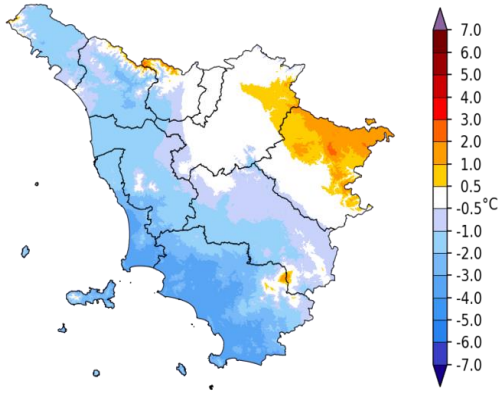
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 19/09/2020



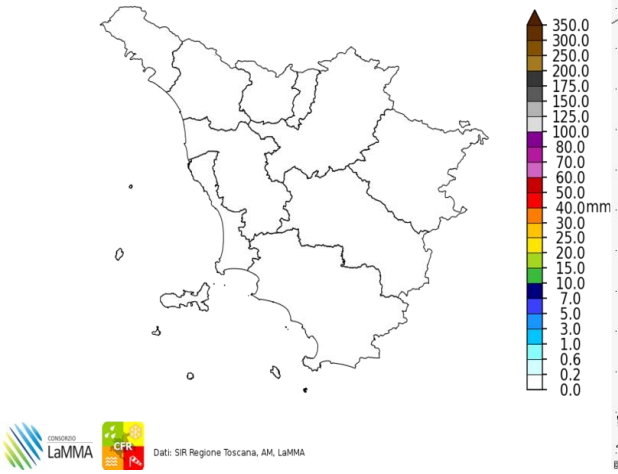
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 19/09/2020 e 18/09/2020



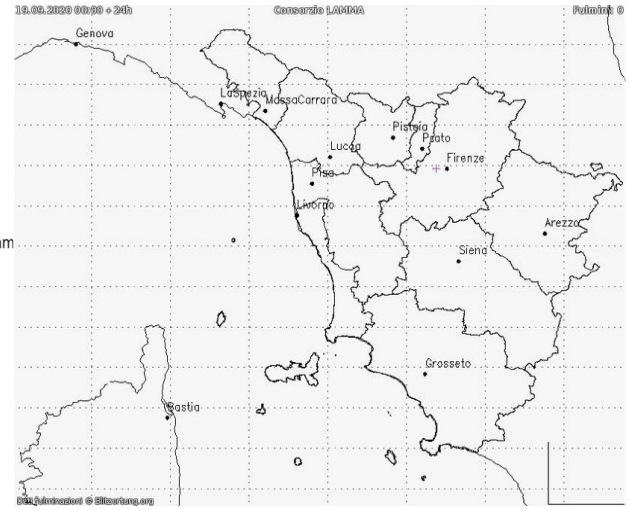
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 19/09/2020



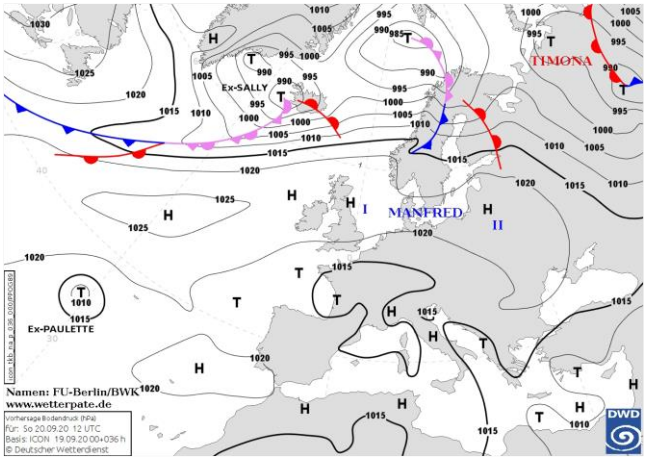
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 19 Settembre

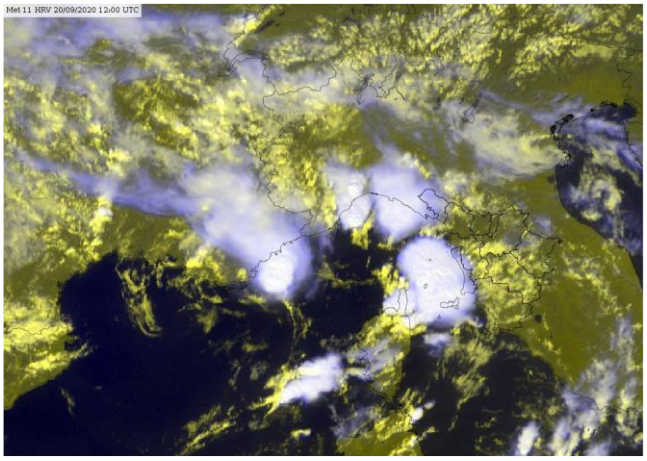


Domenica 20 Settembre 2020

Situazione: una saccatura atlantica interessa il Mediterraneo centro occidentale con afflusso di aria umida e instabile.



Pressione al suolo e fronti del 20 Settembre alle 12 UTC


Meteosat HRV del 20 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvolosoità varibile, più consistente al primo mattino e successivamente nel pomeriggio.

Fenomeni: rovesci e temporali sparsi, più frequneti nel pmeriggio sulle zone centrali della regione.

Venti: deboli meridionali con rinforzi su Arcipelago e rilievi.

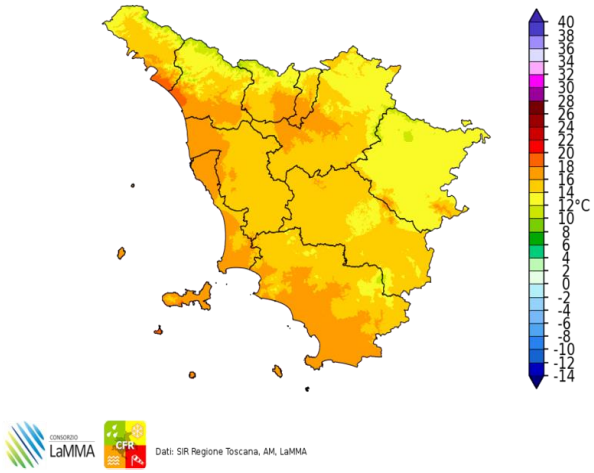
Mari: poco mossi o localmente mossi al largo sui settori meridionali.

Temperature: in calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	13	15	17	19	17	19	16	17	19	17
	anomalia*	1	1	2	2	3	3	1	3	3	2
T. max	osservata	26	30	31	26	27	25	27	27	28	27
	anomalia*	0	3	4	1	0	-1	1	0	2	2
Precipitazione (mm/24ore)		29	6	12	5	2	2	3	3	0	6

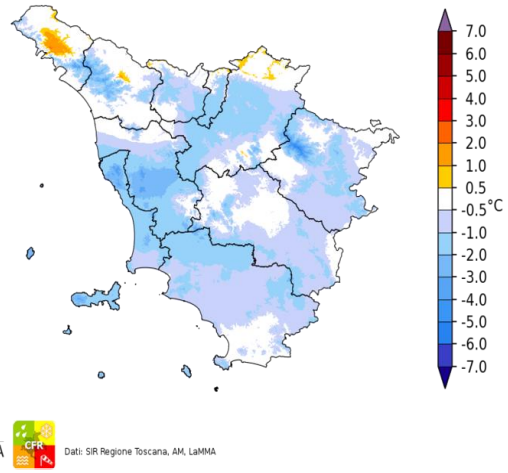
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 20/09/2020



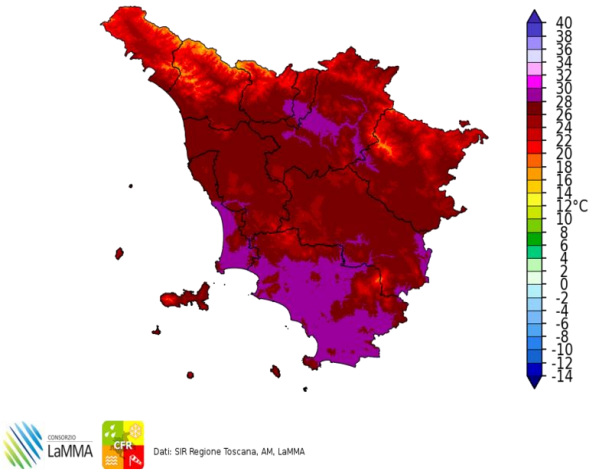
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 20/09/2020 e 19/09/2020



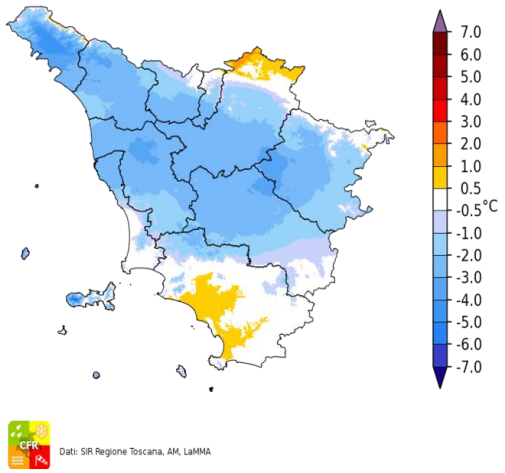
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 20/09/2020



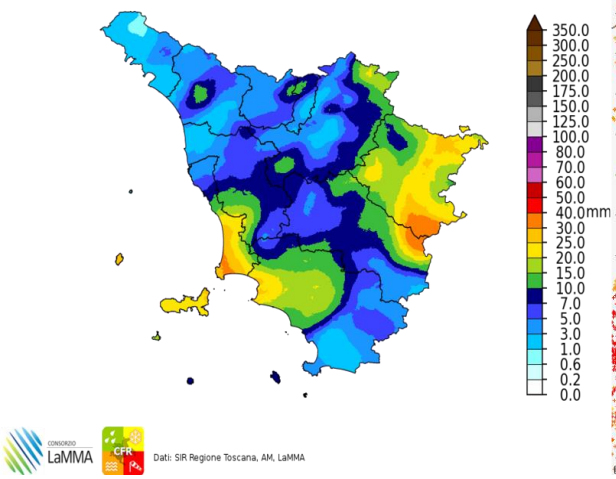
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 20/09/2020 e 19/09/2020



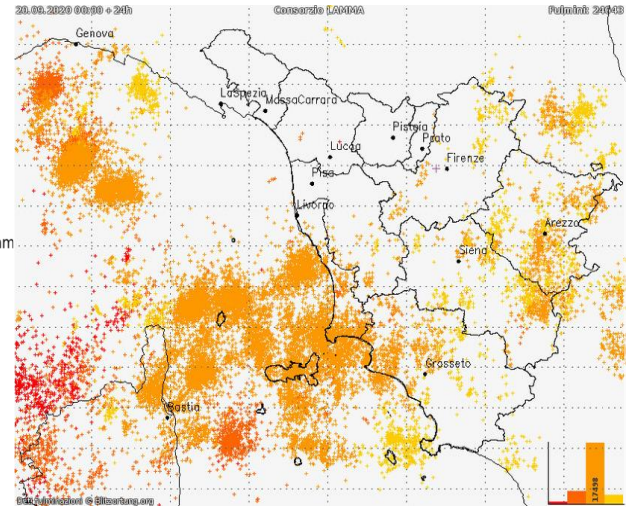
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 20/09/2020



Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 20 Settembre



II decade - Quadro regionale – Precipitazioni

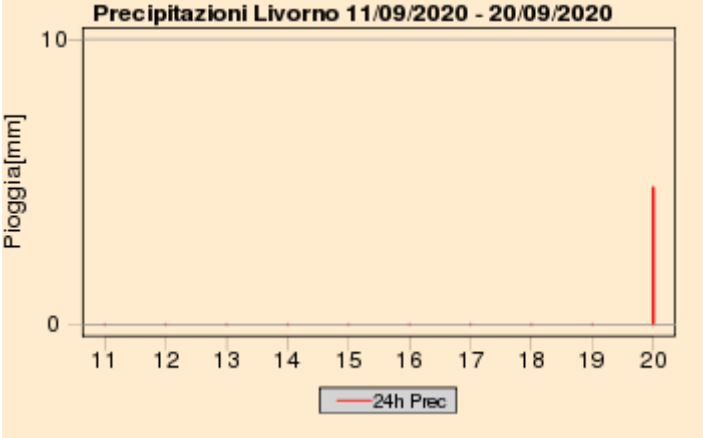
La seconda decade di Settembre è proseguita sulla falsa riga della prima, ovvero con prevalenti condizioni di stabilità e senza perturbazioni in transito. Le precipitazioni sono risultate pertanto molto poco frequenti e a carattere molto isolato; solo a fine decade il transito di una rapida perturbazione ha portato precipitazioni più diffuse e qualche temporale sulle zone centro meridionali.

Nel complesso la decade ha fatto registrare ancora precipitazioni ben inferiori alle medie del periodo sulla quasi totalità del territorio con i deficit pluviometrici più marcati osservati in particolare sul nord ovest.

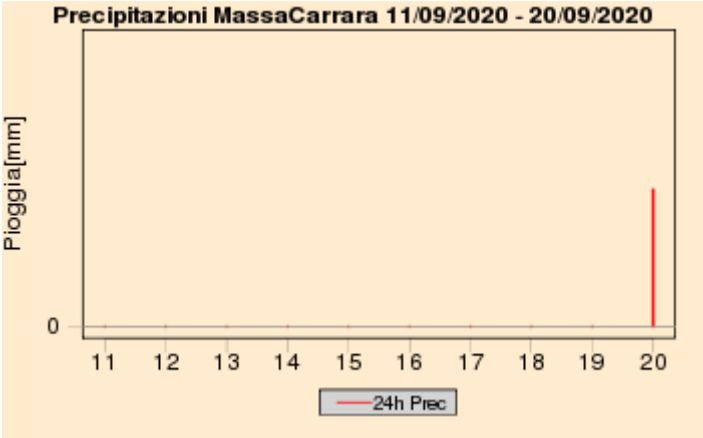


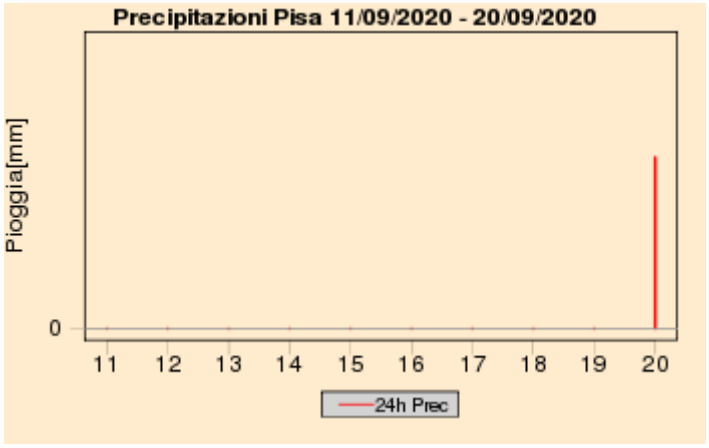


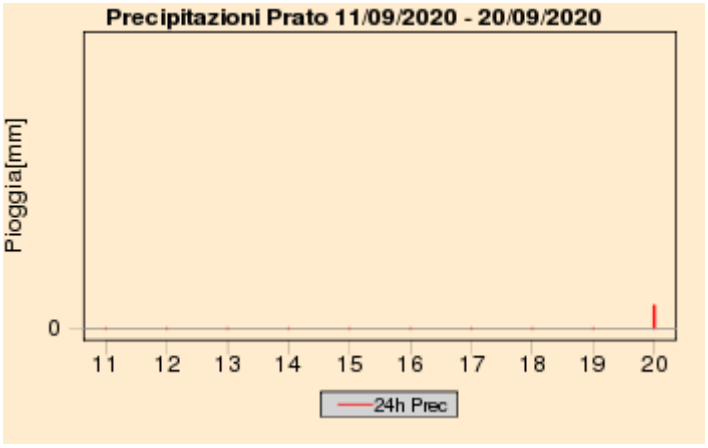




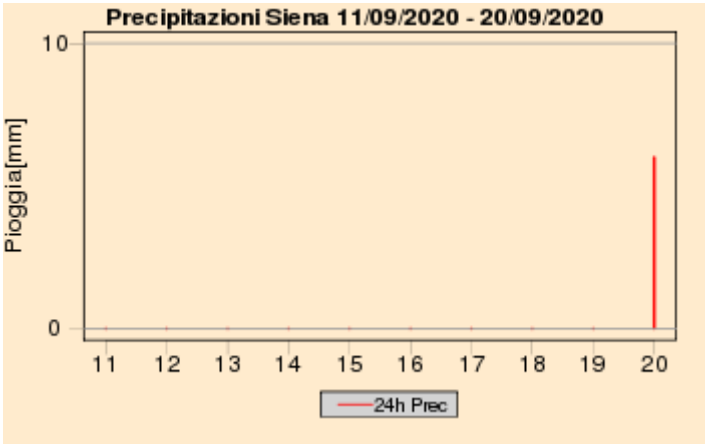




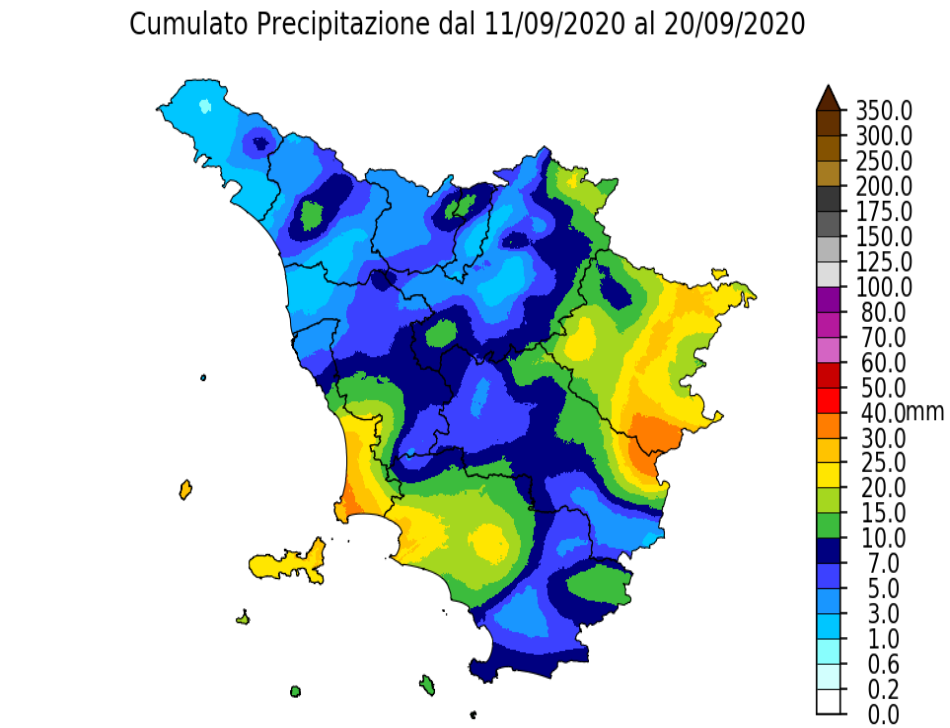






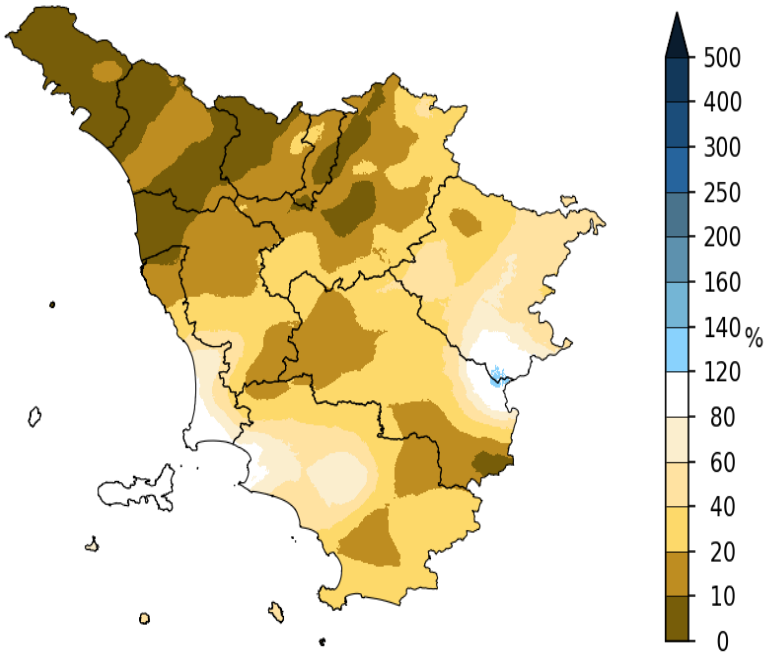


Quadro regionale – Cumulati decadali di precipitazione, anomalia di precipitazione e numero di giorni di pioggia



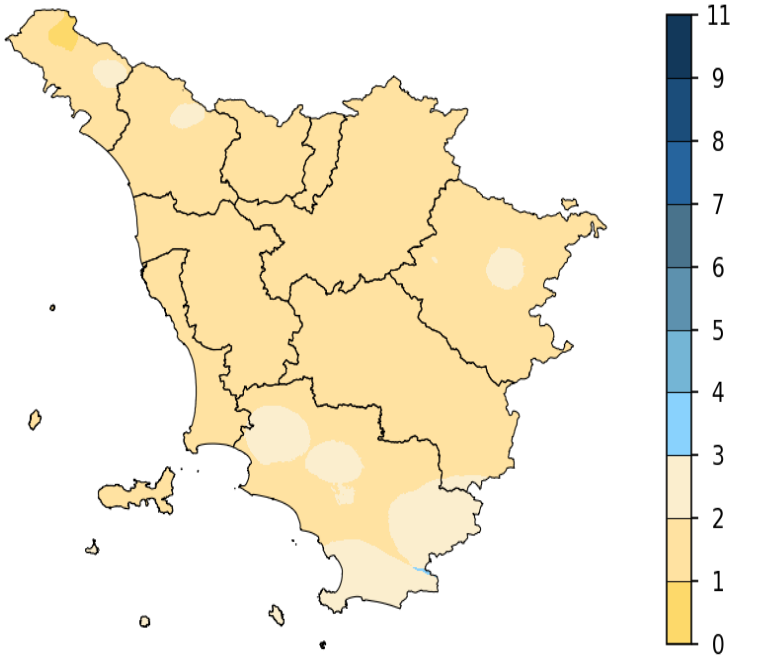
Dati: SIR Regione Toscana, AM, LaMMA

Percentuale di Precipitazione rispetto alla media climatica
dal 11/09/2020 al 20/09/2020



Dati: SIR Regione Toscana, AM, LaMMA

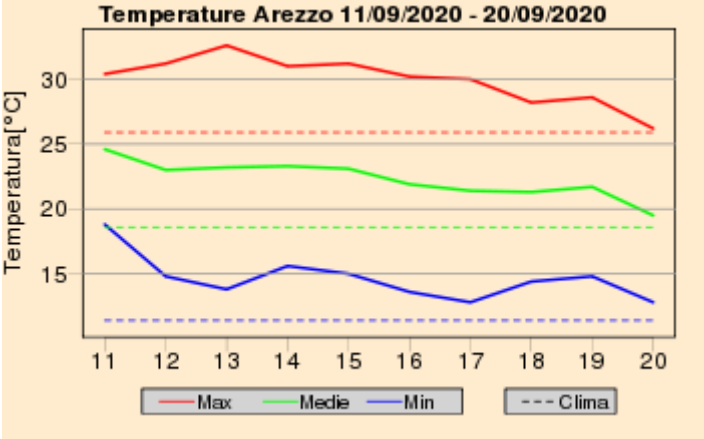
Giorni con Pioggia ≥ di 1 mm dal 11/09/2020 al 20/09/2020

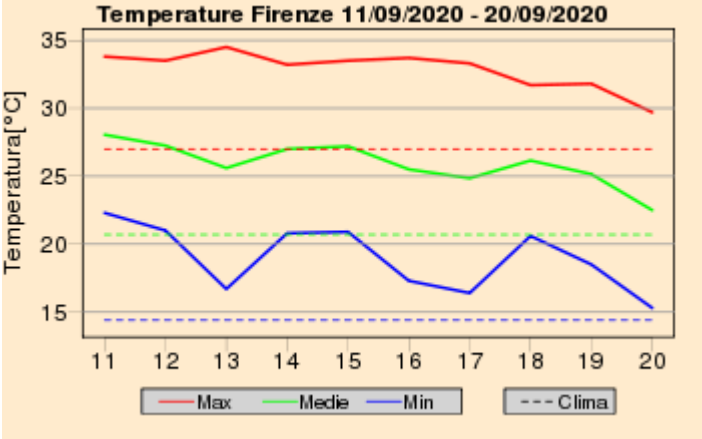


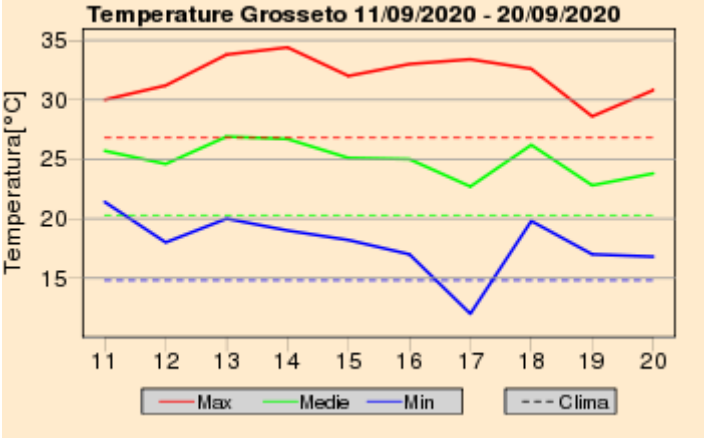
Dati: SIR Regione Toscana, AM, LaMMA

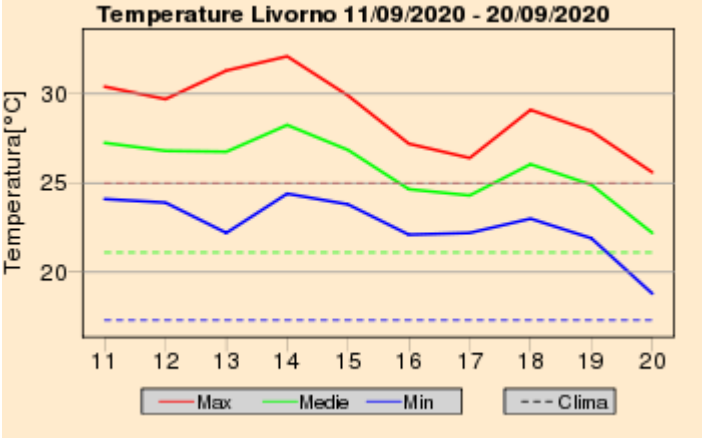
II decade - Quadro regionale - Temperature

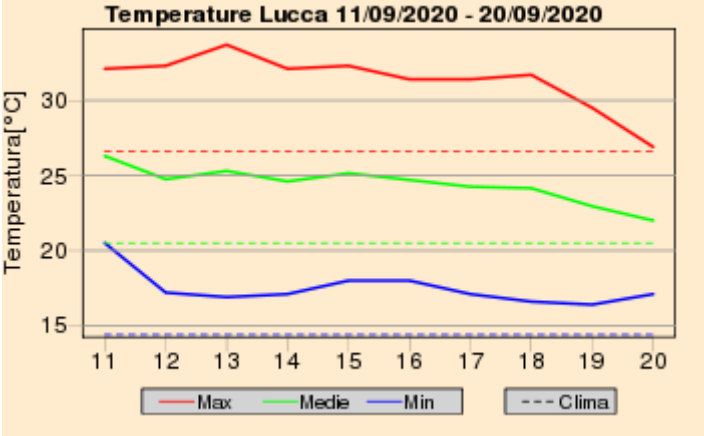
La seconda decade di Settembre è risultata decisamente calda e con temperature molto superiori a quelle di riferimento; sia le massime che le minime si sono infatti costantemente mantenute al di sopra delle medie per tutti e dieci i giorni, risultando particolarmente elevate soprattutto a inizio decade. Le massime hanno fatto registrare una anomalia positiva rispetto al trentennio 81-2010 veramente notevole, attorno a 5 gradi; leggermente più contenuta l'anomalia positiva fatta registrare per i valori minimi giornalieri, attorno a 3 gradi.

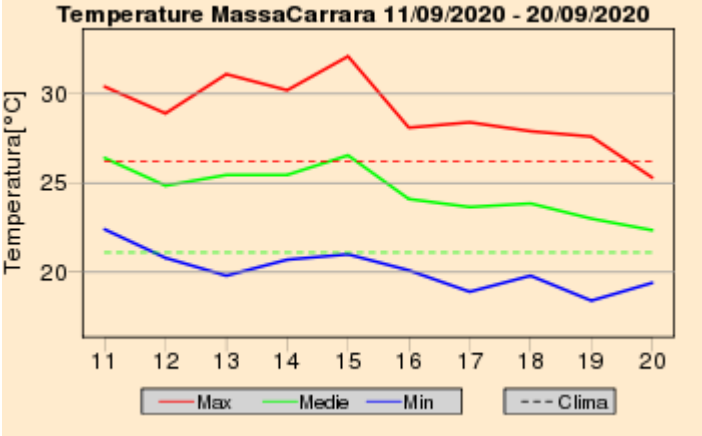


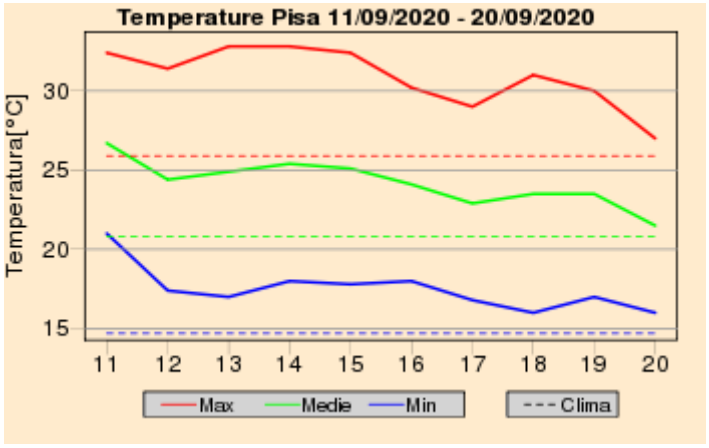


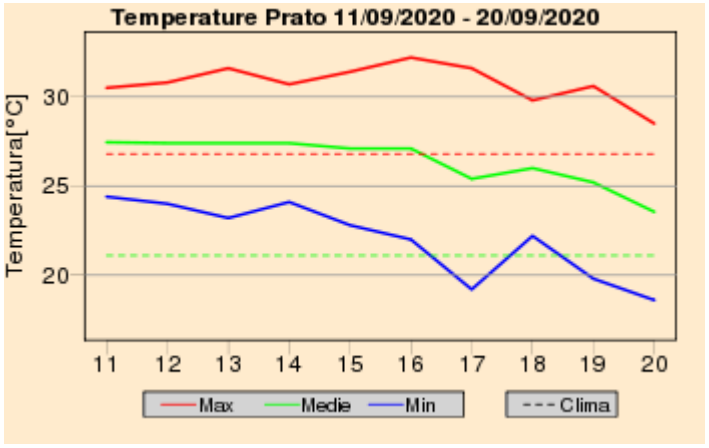


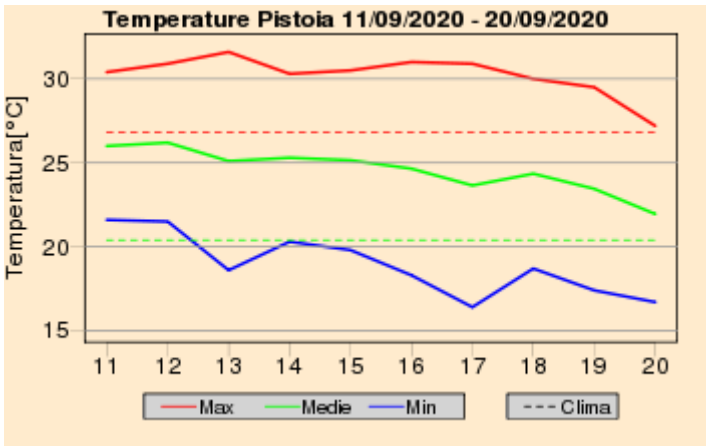


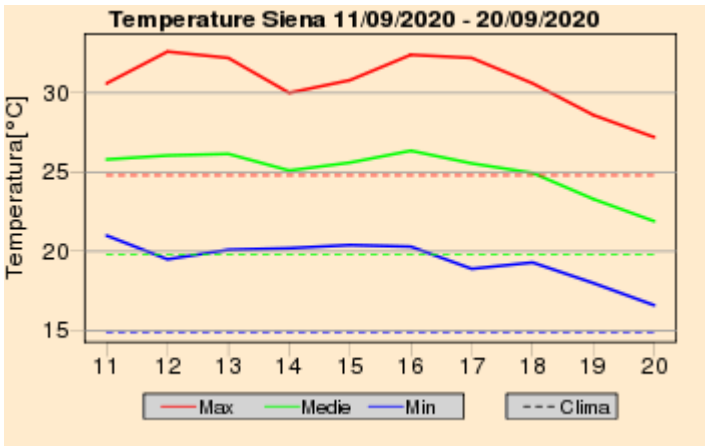




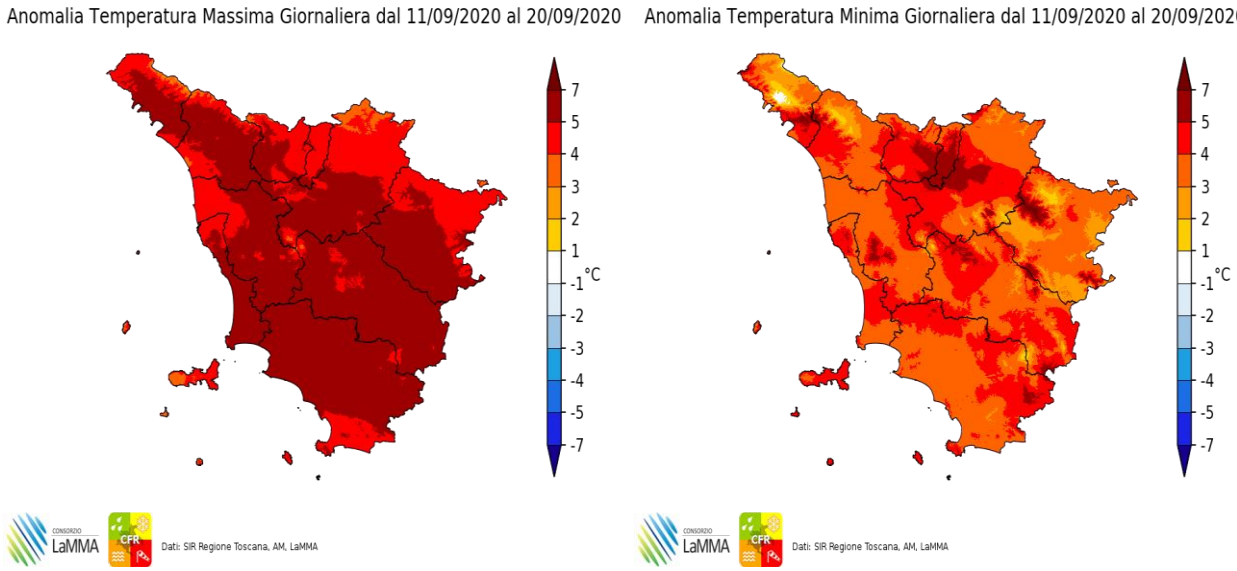








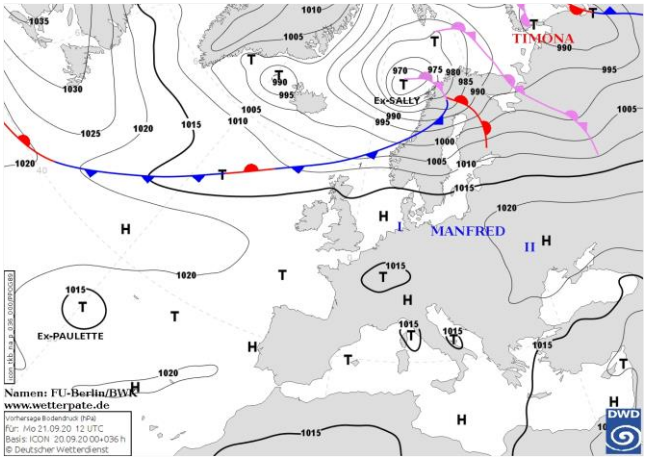
Quadro regionale – Anomalie termiche



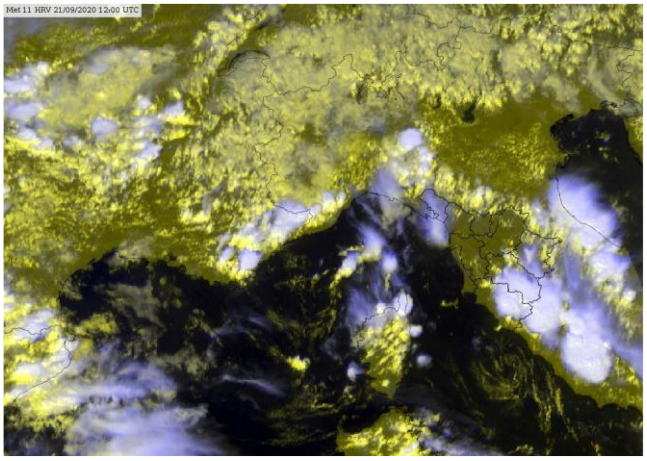
Anomalia termica decadale per le temperature massime e minime giornaliere

Lunedi' 21 Settembre 2020

Situazione: un'area depressionaria in quota favorisce l'arrivo di aria umida e instabile sul Mediterraneo.



Pressione al suolo e fronti del 21 Settembre alle 12 UTC


Meteosat HRV del 21 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: poco nuvoloso al mattino, in seguito nubi con rovesci o temporali sparsi.

Fenomeni: temporali sparsi.

Venti: deboli in prevalenza occidentali.

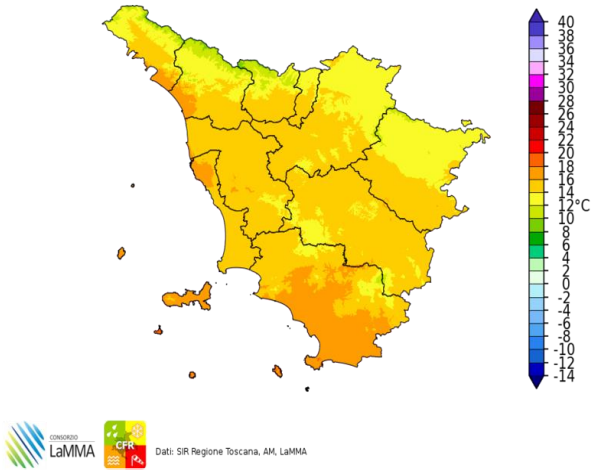
Mari: fra poco mossi e localmente mossi.

Temperature: in calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	13	15	16	19	15	18	15	15	17	16
	anomalia*	2	1	2	2	2	3	1	2	2	2
T. max	osservata	25	30	28	26	28	26	27	27	29	27
	anomalia*	1	5	3	2	3	1	3	2	4	4
Precipitazione (mm/24ore)		0	2	0	0	0	0	0	0	0	8

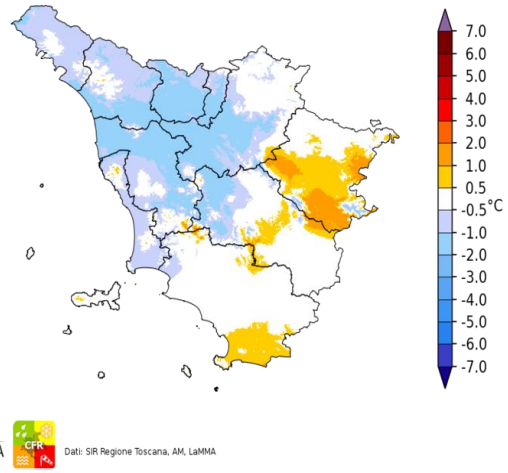
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 21/09/2020



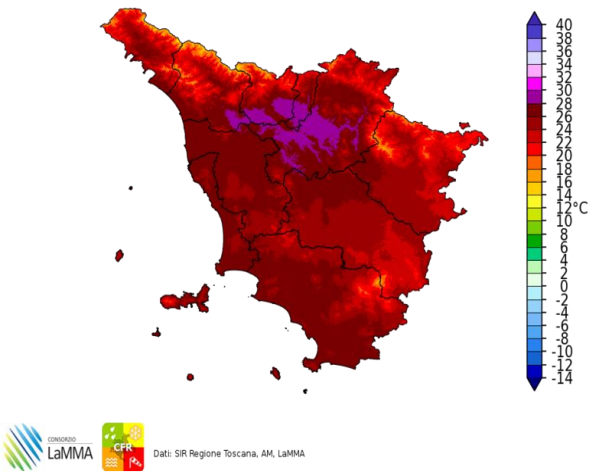
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 21/09/2020 e 20/09/2020



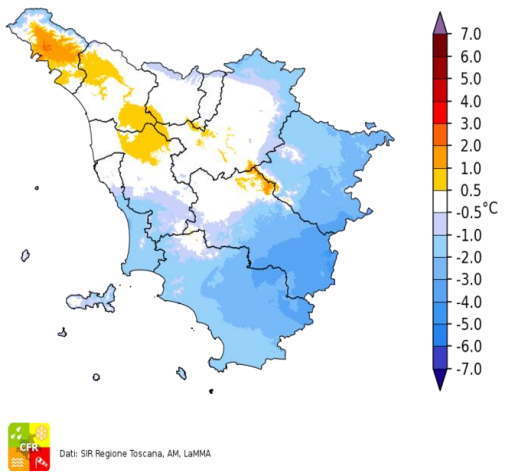
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 21/09/2020



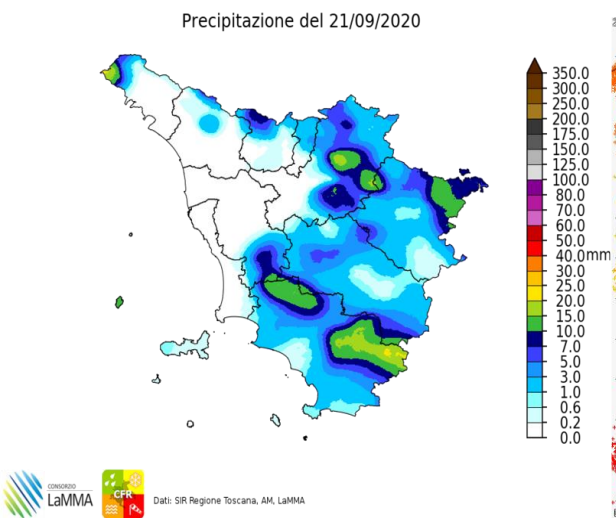
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 21/09/2020 e 20/09/2020



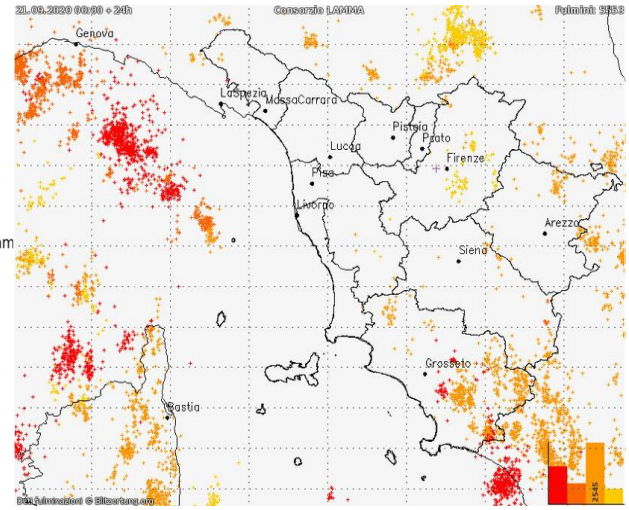
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 21/09/2020



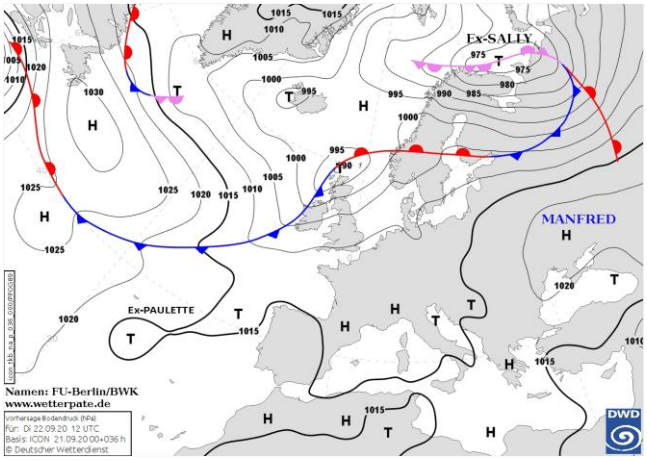
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 21 Settembre

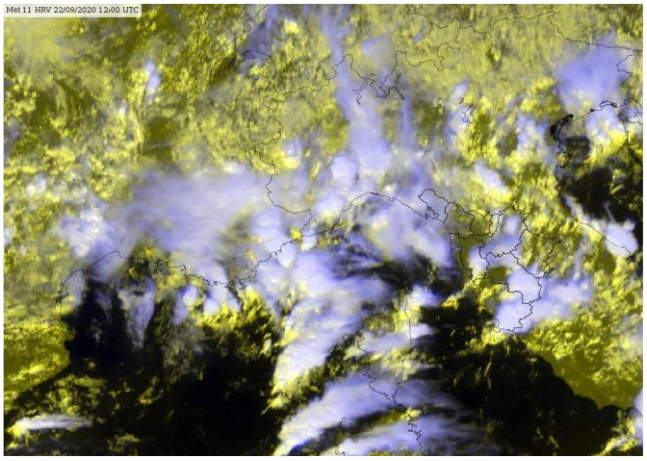


Martedi' 22 Settembre 2020

Situazione: un'area depressionaria in quota favorisce l'arrivo di aria umida e instabile sul Mediterraneo.



Pressione al suolo e fronti del 22 Settembre alle 12 UTC


Meteosat HRV del 22 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: in prevalenza nuvoloso.

Fenomeni: precipitazioni su gran parte della regione anche temporalesche.

Venti: deboli meridionali con rinforzi di Scirocco su Arcipelago e costa meridionale dal pomeriggio.

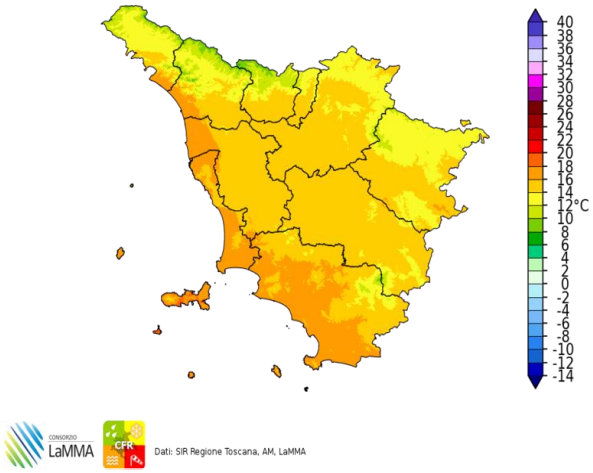
Mari: fra poco mossi e mossi.

Temperature: massime in diminuzione.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	13	15	17	19	16	17	16	15	17	16
	anomalia*	3	2	3	2	2	2	2	2	2	2
T. max	osservata	24	26	26	23	24	24	24	25	25	24
	anomalia*	0	1	1	-1	-1	-1	0	0	0	1
Precipitazione (mm/24ore)		1	3	2	10	3	8	8	0	19	2

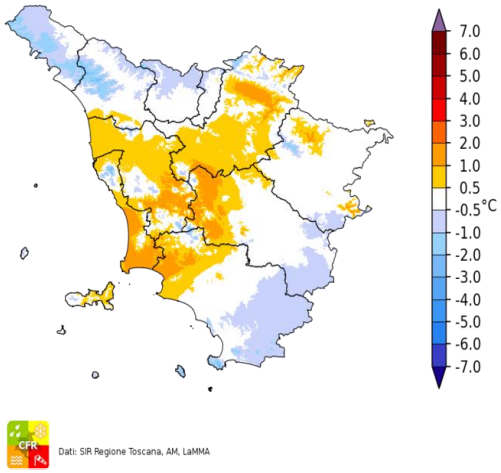
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 22/09/2020



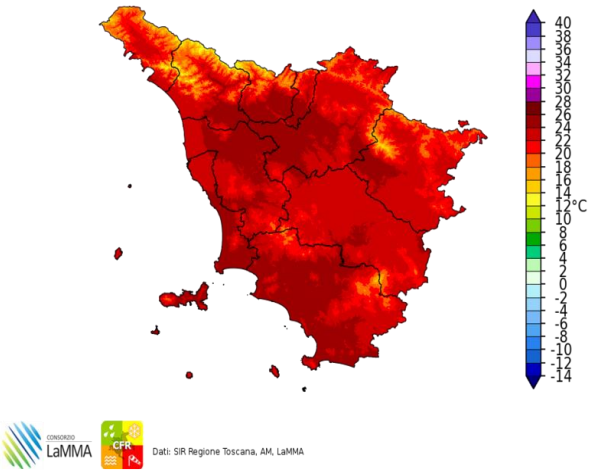
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 22/09/2020 e 21/09/2020



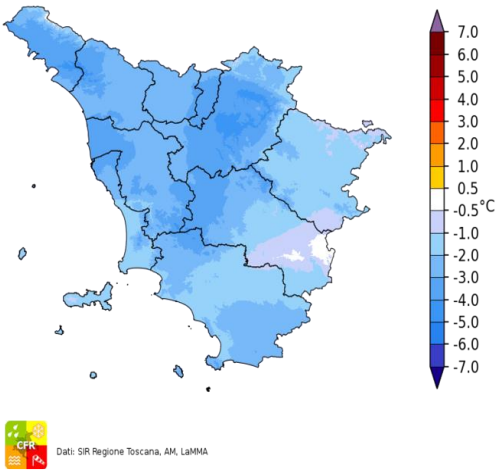
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 22/09/2020



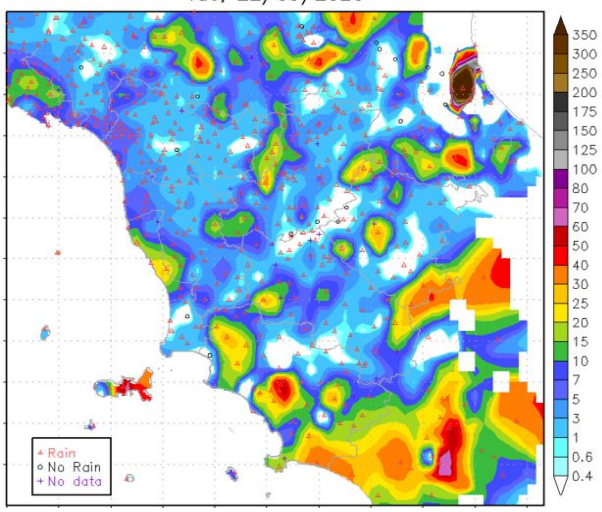
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 22/09/2020 e 21/09/2020

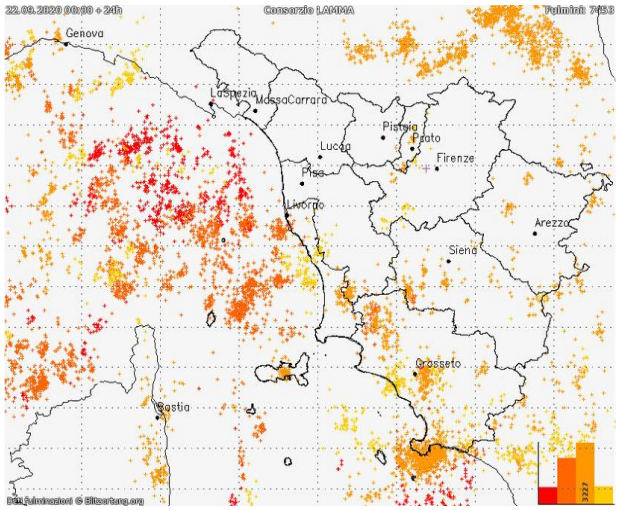


Dati: SIR Regione Toscana, AM, LaMMA

Total Precipitation [mm] cumulated on Tue, 22/09/2020

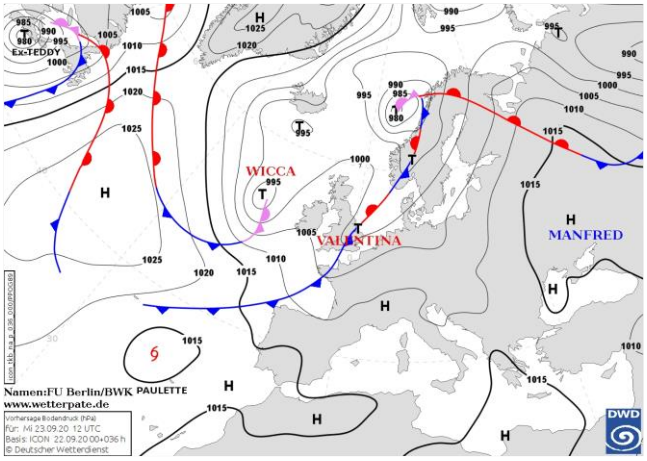


Fulminazioni osservate il giorno 22 Settembre

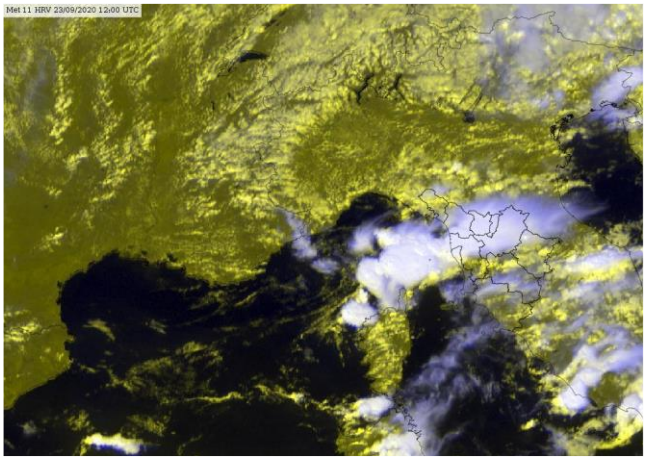


Mercoledi' 23 Settembre 2020

Situazione: un'area depressionaria in quota favorisce l'arrivo di aria umida e instabile sul Mediterraneo.



Pressione al suolo e fronti del 23 Settembre alle 12 UTC


Meteosat HRV del 23 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvoloso.

Fenomeni: rovesci o temporali sparsi più frequenti sulla fascia costiera.

Venti: da sud-ovest, moderati sulla costa e deboli nell'interno.

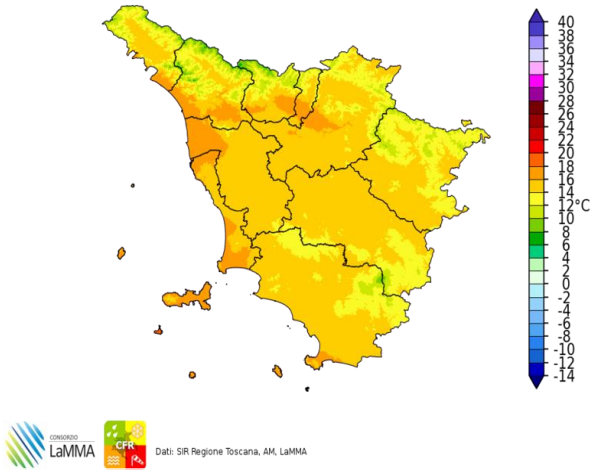
Mari: mossi a nord dell'Elba, poco mossi a sud, ma tendenti a mossi.

Temperature:

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	15	16	15	18	17	17	16	16	17	15
	anomalia*	4	3	2	1	3	2	2	3	2	1
T. max	osservata	22	22	26	21	19	21	20	19	21	23
	anomalia*	-2	-3	1	-3	-6	-4	-4	-6	-4	0
Precipitazione (mm/24ore)		2	10	2	67	16	29	20	11	9	7

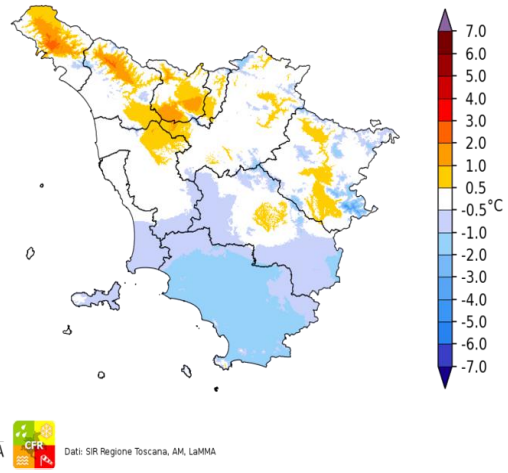
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 23/09/2020



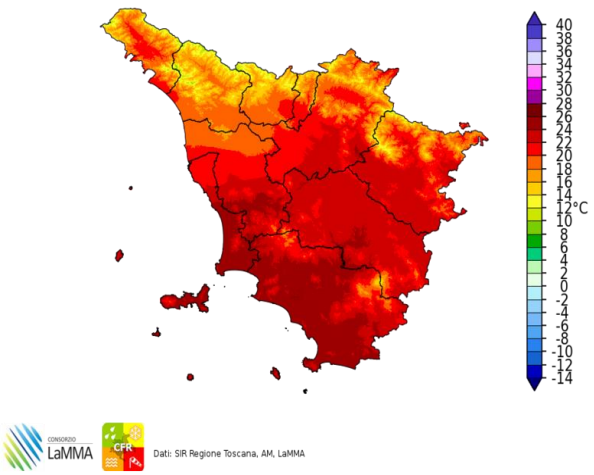
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 23/09/2020 e 22/09/2020



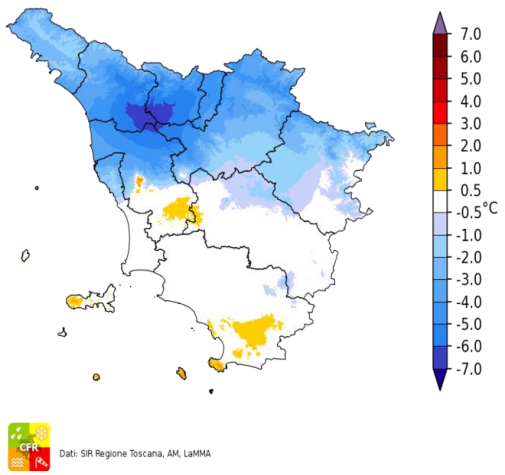
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 23/09/2020



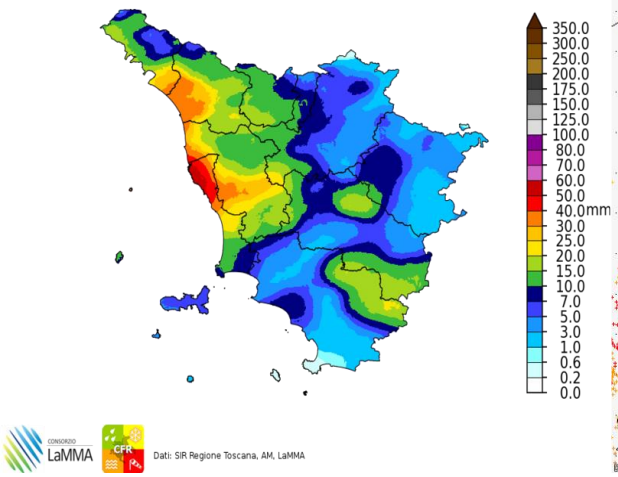
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 23/09/2020 e 22/09/2020



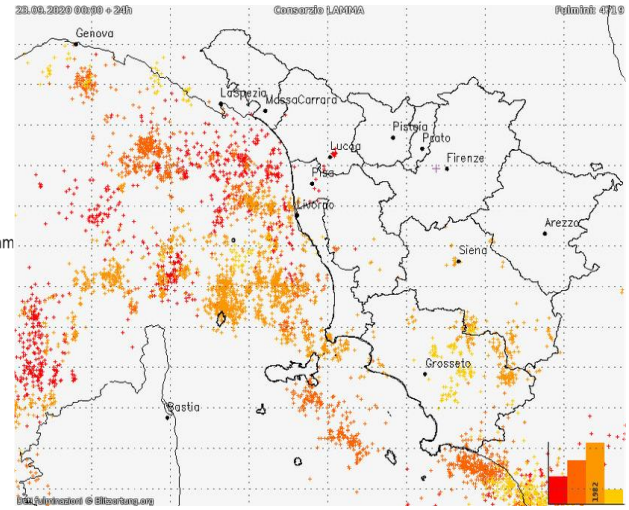
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 23/09/2020



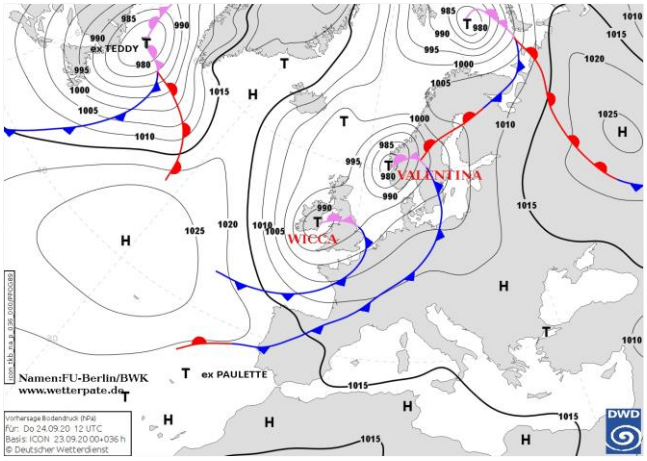
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 23 Settembre

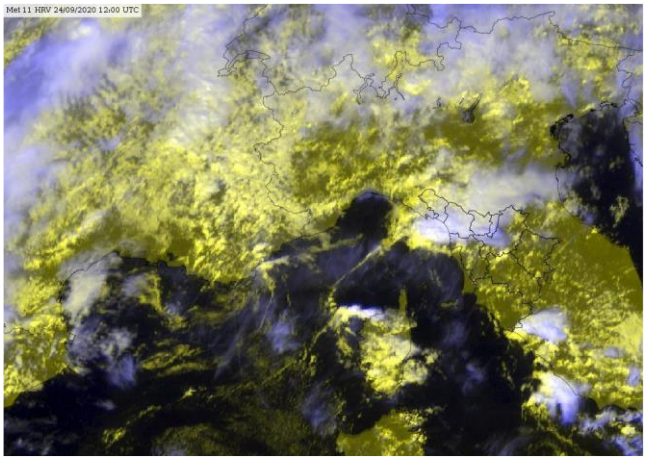


Giovedi' 24 Settembre 2020

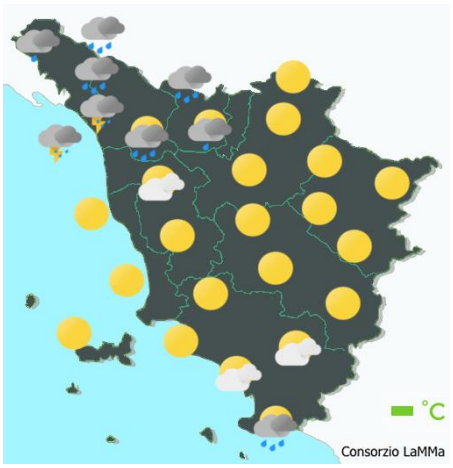
Situazione: un debole minimo barico fra il Golfo Ligure e il Golfo del Leone favorisce l'ingresso di aria umida sulle regioni tirreniche. La presenza di aria fresca in quota determina condizioni di instabilità atmosferica anche sulla Toscana, più accentuata in serata.



Pressione al suolo e fronti del 24 Settembre alle 12 UTC


Meteosat HRV del 24 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: inizializzante parzialmente nuvoloso con addensamenti consistenti in Appennino; nubi in aumento nel pomeriggio e in serata fino a cielo coperto.

Fenomeni: precipitazioni, anche temporalesche, in estensione dal nord ovest al resto del territorio.

Venti: deboli da sud, sud-ovest nell'interno. Moderati sulla costa, forti sui rilievi dal pomeriggio-sera.

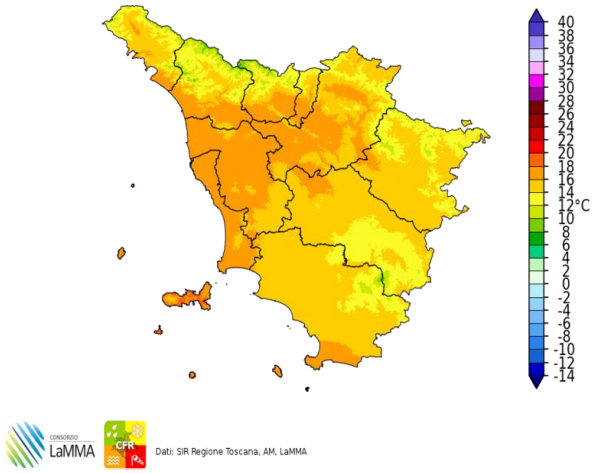
Mari: mossi, tendenti a molto mossi dalla tarda serata.

Temperature: in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	15	17	15	18	17	18	17	17	17	14
	anomalia*	4	4	1	1	3	3	3	3	3	0
T. max	osservata	25	25	27	26	19	22	25	22	23	26
	anomalia*	1	0	1	2	-6	-3	0	-3	-2	2
Precipitazione (mm/24ore)		2	10	0	23	31	47	21	17	24	43

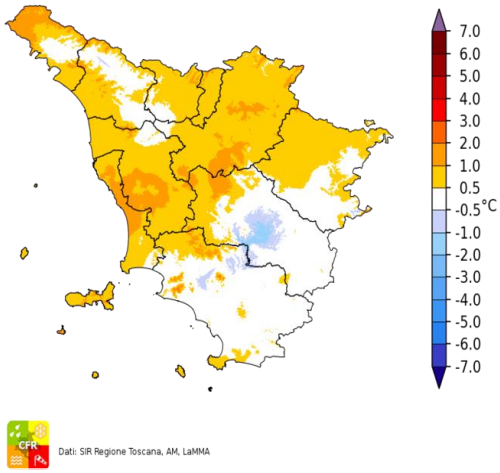
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 24/09/2020



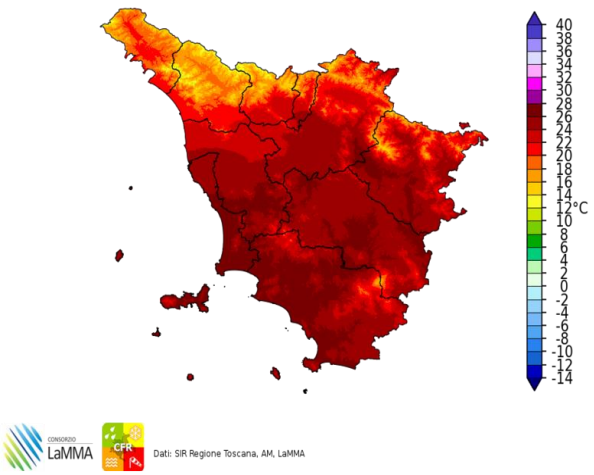
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 24/09/2020 e 23/09/2020



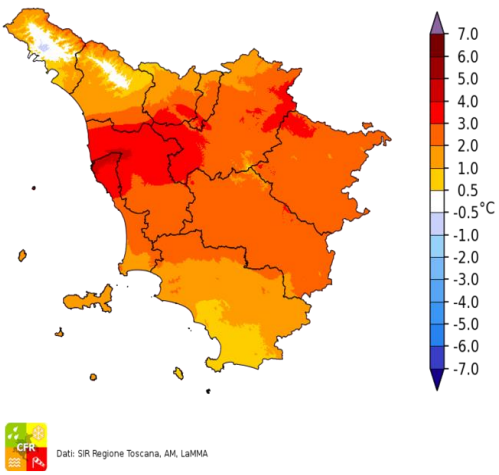
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 24/09/2020



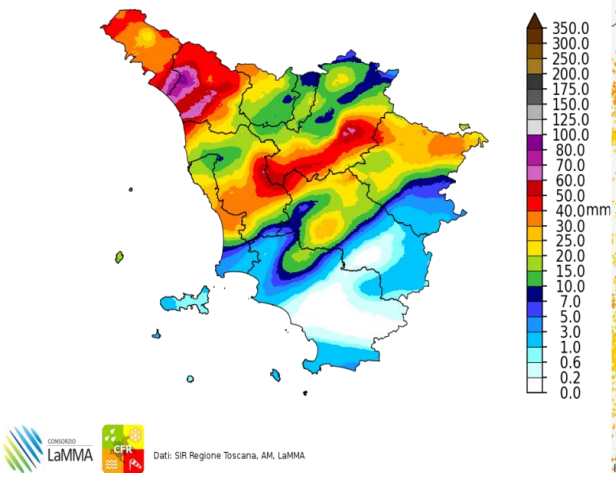
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 24/09/2020 e 23/09/2020



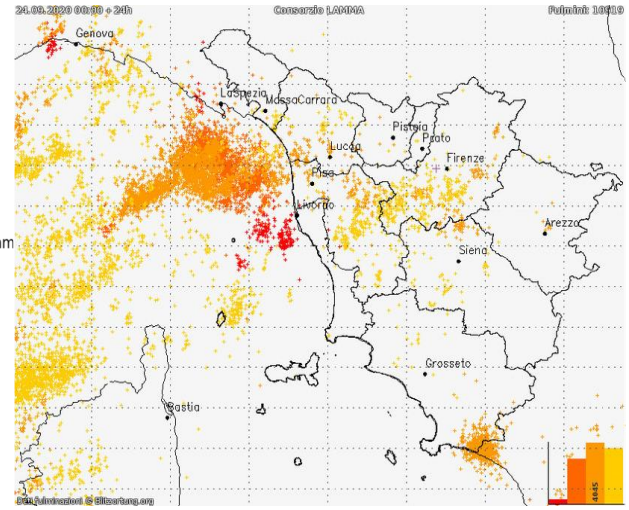
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 24/09/2020



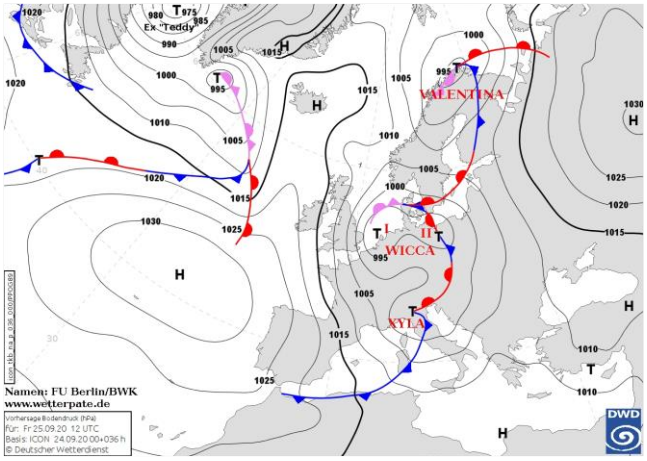
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 24 Settembre

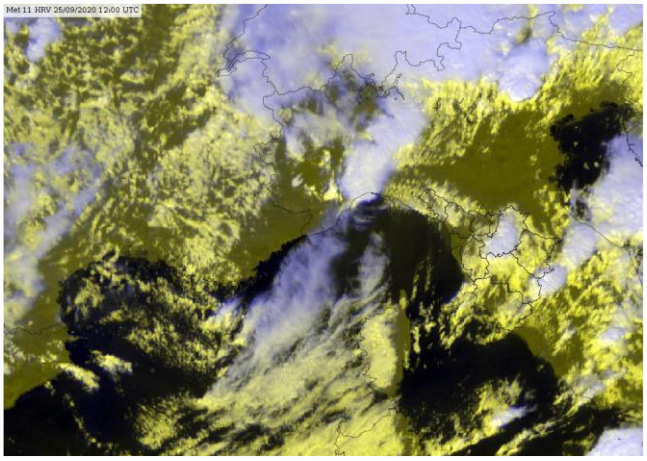


Venerdi' 25 Settembre 2020

Situazione: una vasta perturbazione interessa la penisola con temporali sparsi, forti venti e calo delle temperature.



Pressione al suolo e fronti del 25 Settembre alle 12 UTC


Meteosat HRV del 25 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvolosità variabile a tratti intensa.

Fenomeni: temporali o rovesci sparsi, anche di forte intensità.

Venti: forti a tratti molto forti di Libeccio sul litorale e sui rilievi, moderati sulle zone interne.

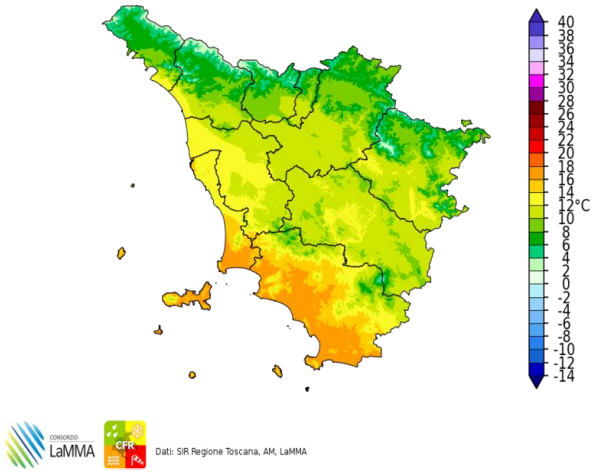
Mari: molto mossi, in aumento ad agitati o localmente molto agitati in particolare a nord dell'Elba. Mareggiata sul litorale livornese.

Temperature: in deciso calo in serata.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	13	11	16	19	11	12	11	9	11	11
	anomalia*	2	-2	2	2	-3	-4	-3	-4	-3	-3
T. max	osservata	21	25	25	23	24	23	24	22	24	22
	anomalia*	-3	0	0	-1	-1	-2	0	-3	-1	-1
Precipitazione (mm/24ore)		28	3	6	2	1	1	1	2	5	13

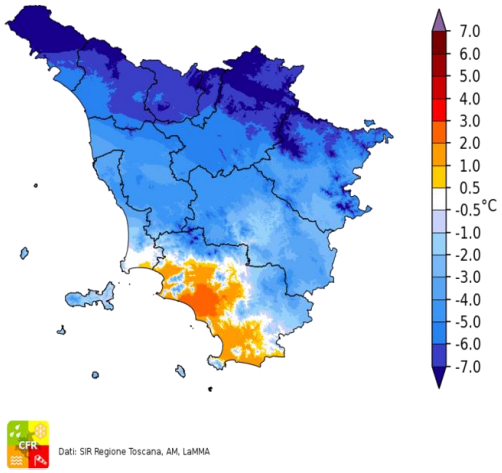
*anomalia calcolata sulla base della normale dimatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 25/09/2020



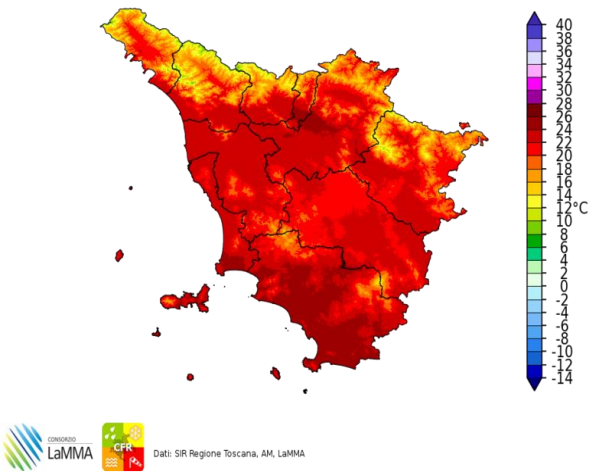
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 25/09/2020 e 24/09/2020



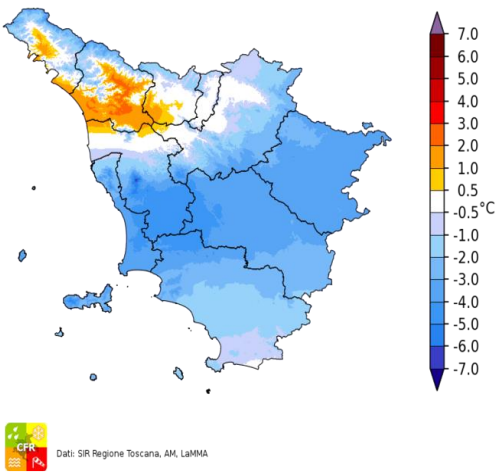
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 25/09/2020



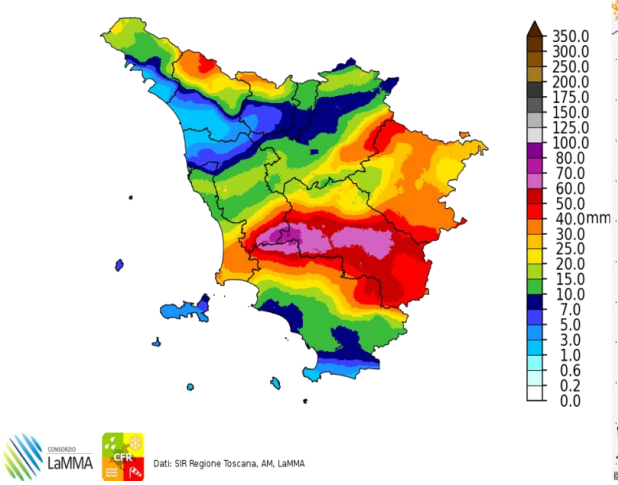
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 25/09/2020 e 24/09/2020



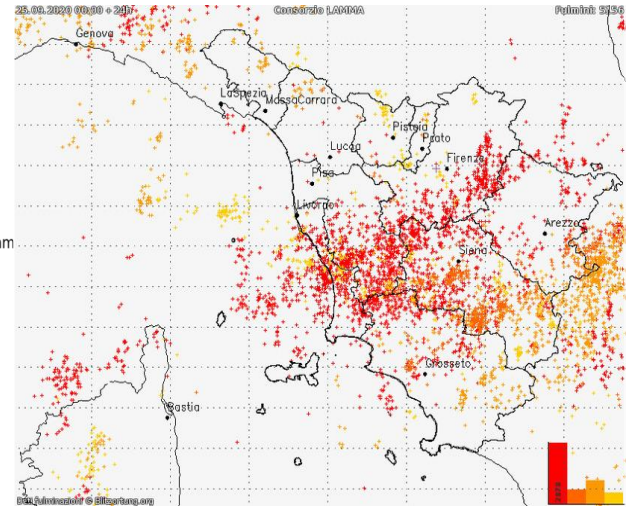
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 25/09/2020



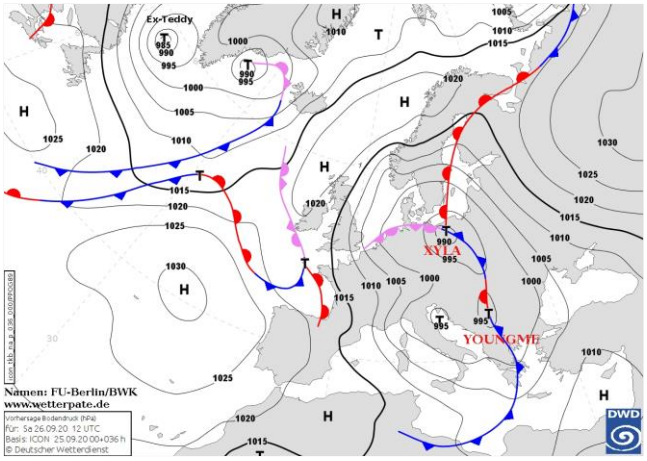
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 25 Settembre

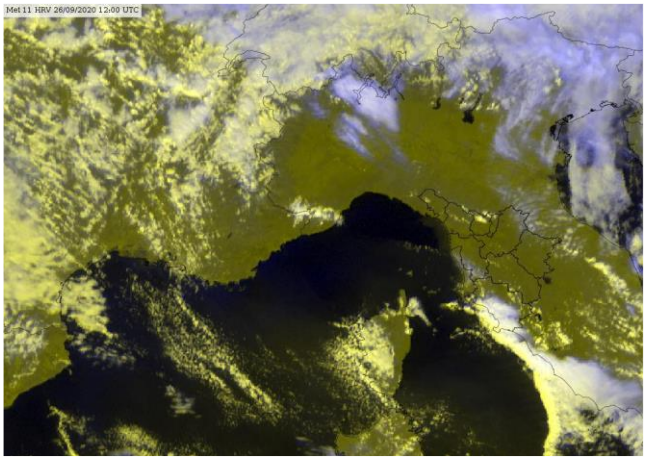


Sabato 26 Settembre 2020

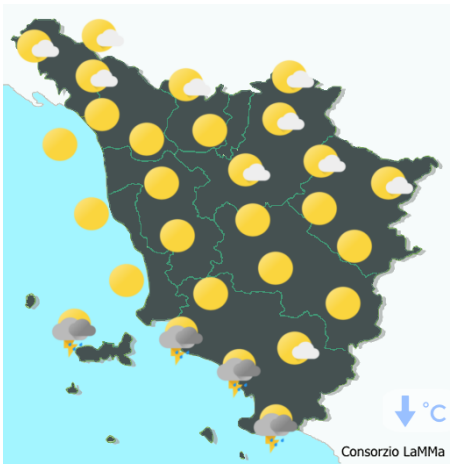
Situazione: una ampia circolazione depressionaria centrata sull'Europa centrale interessa tutto il continente e il Mediterraneo.



Pressione al suolo e fronti del 26 Settembre alle 12 UTC


Meteosat HRV del 26 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: nuvoloso nottetempo; nuvolosità variabile dal mattino, con ampie zone di sereno sulle zone centrali della regione e addensamenti anche compatti su Arcipelago, Maremma e, nel pomeriggio, anche sui settori appenninici.

Fenomeni: precipitazioni sparse, prevalentemente temporalesche, più frequenti in Maremma.

Venti: moderati di Maestrale, fino a forti sulla costa.

Mari: agitati in mattinata, in calo a molto mossi dal pomeriggio.

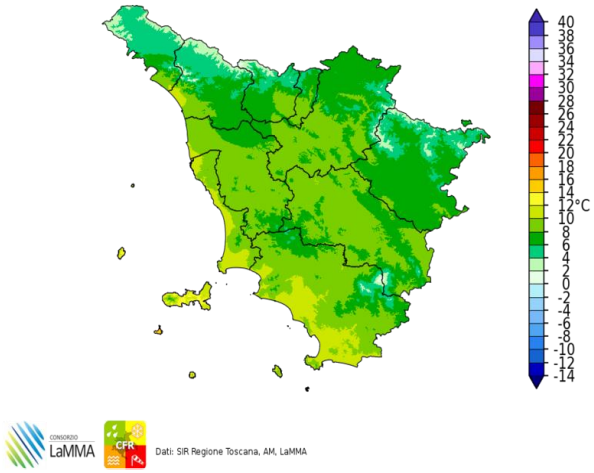
Temperature: in calo.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	7	8	9	14	8	9	8	8	10	9
	anomalia*	-4	-5	-5	-3	-5	-6	-6	-5	-4	-5
T. max	osservata	20	23	21	21	22	22	22	22	22	21
	anomalia*	-4	-2	-4	-3	-3	-3	-3	-4	-3	-2
Precipitazione (mm/24ore)		0	5	15	0	7	1	0	0	0	1

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

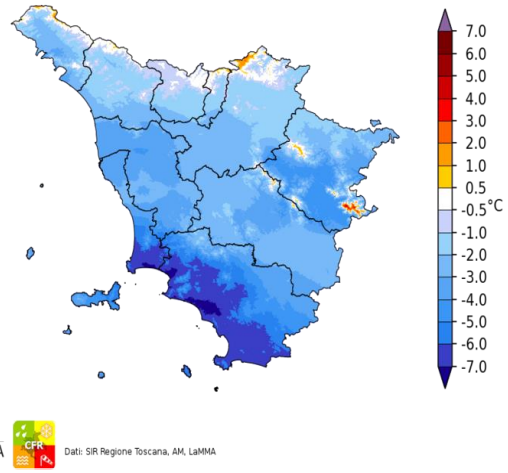
Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 26/09/2020



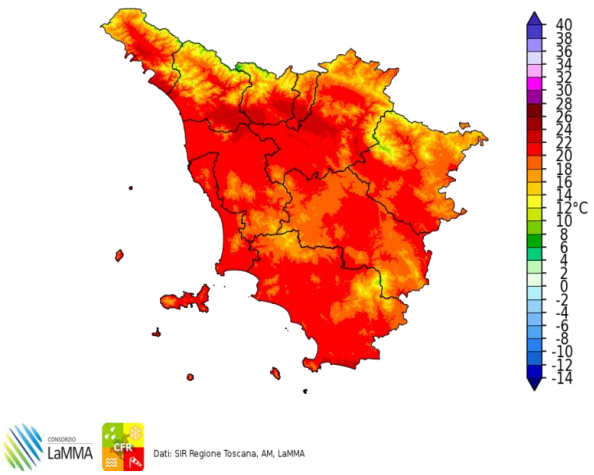
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 26/09/2020 e 25/09/2020



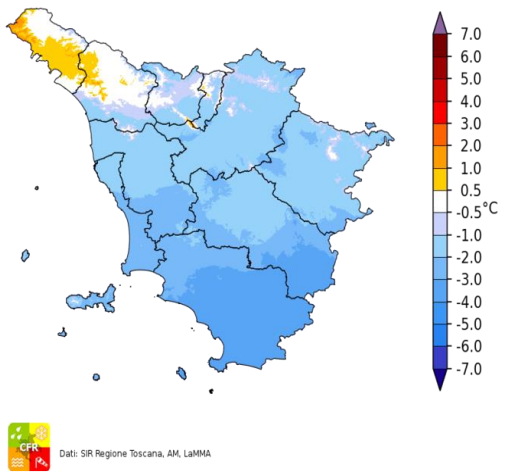
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 26/09/2020



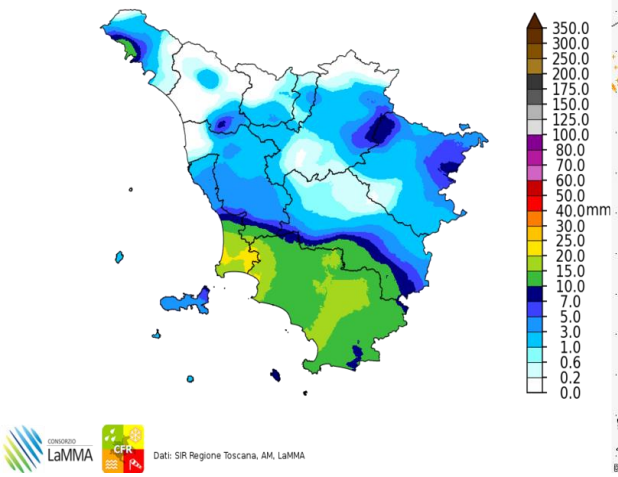
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 26/09/2020 e 25/09/2020



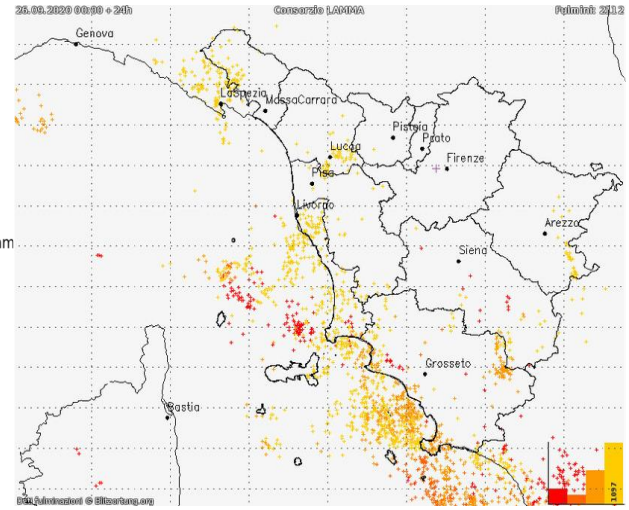
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 26/09/2020



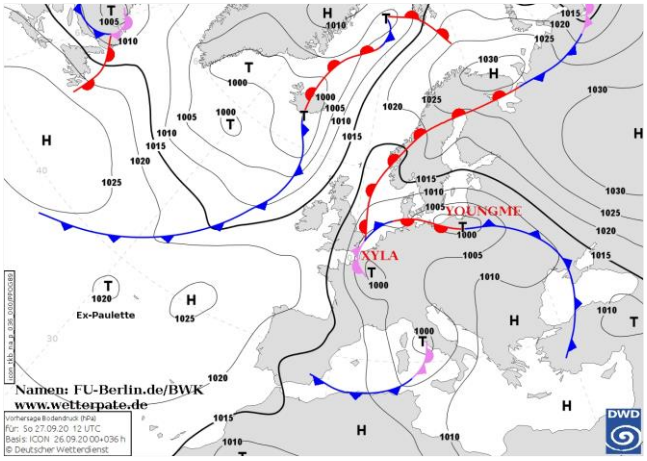
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 26 Settembre

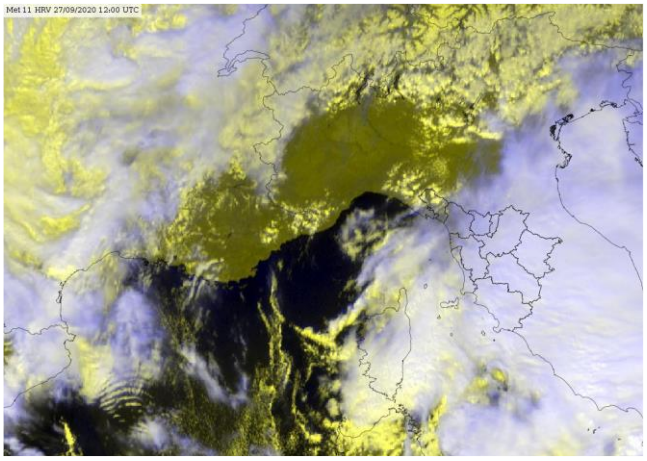


Domenica 27 Settembre 2020

Situazione: una perturbazione interessa la penisola con precipitazioni anche di forte intensità sulle regioni centro-meridionali e in particolare sui versanti tirrenici.



Pressione al suolo e fronti del 27 Settembre alle 12 UTC


Meteosat HRV del 27 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: molto nuvoloso o coperto.

Fenomeni: piogge diffuse sulle zone meridionali e orientali della regione, con massime fino a 30-40 mm su grossetano, basso senese e aretino. Deboli piogge in serata anche sulle zone centrali e provincia di Firenze.

Venti: deboli o localmente moderati orientali, in rotazione ai quadranti settentrionali in serata.

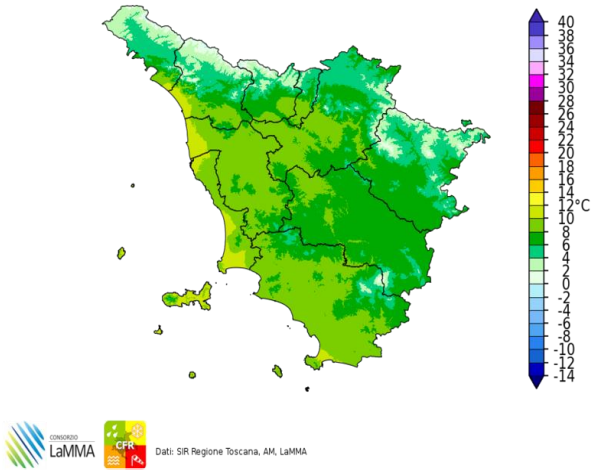
Mari: mossi.

Temperature: in calo, in particolare le massime con valori ampiamente inferiori alle medie stagionali.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	7	9	9	11	8	9	10	8	9	8
	anomalia*	-4	-5	-5	-5	-6	-6	-4	-6	-5	-6
T. max	osservata	12	16	12	18	17	18	17	17	16	11
	anomalia*	-12	-9	-13	-7	-8	-6	-7	-8	-10	-13
Precipitazione (mm/24ore)		14	1	4	0	0	0	0	0	1	3

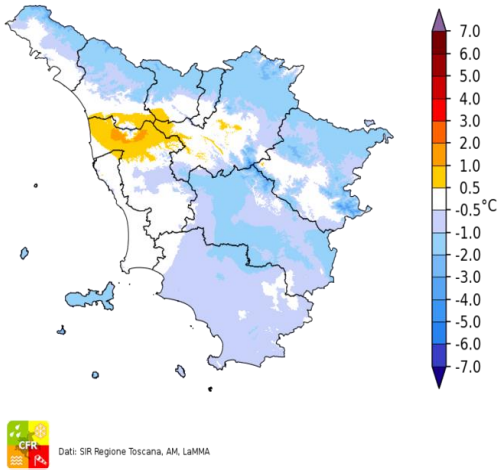
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 27/09/2020



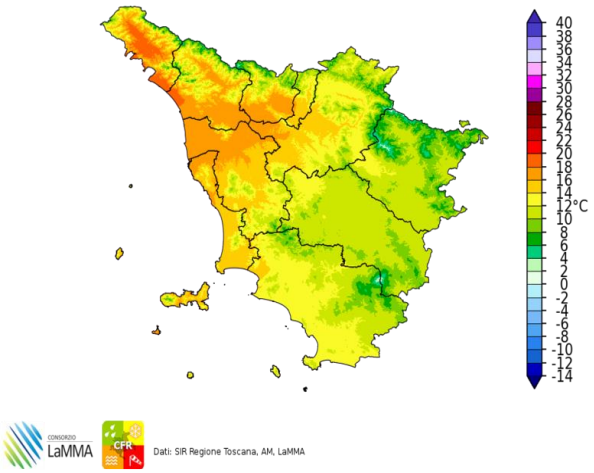
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 27/09/2020 e 26/09/2020



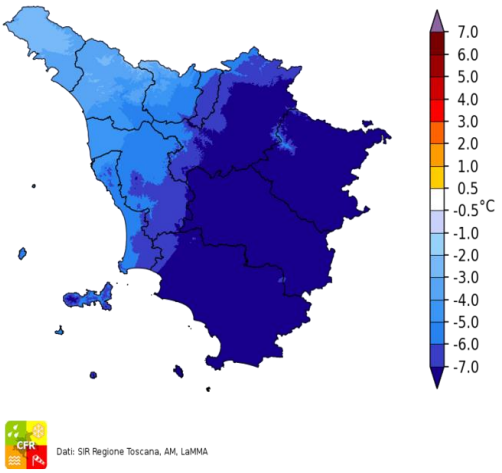
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 27/09/2020



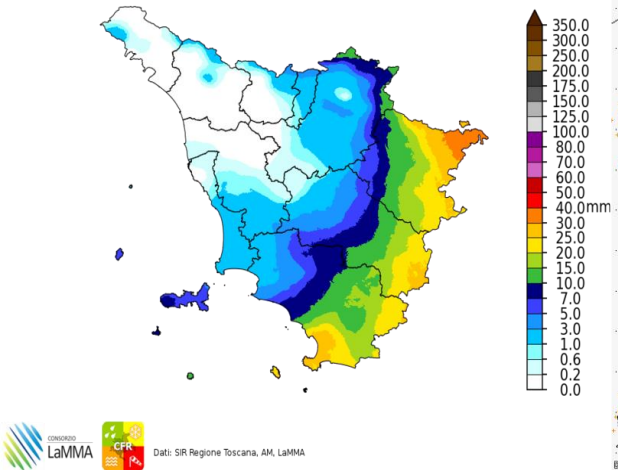
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 27/09/2020 e 26/09/2020



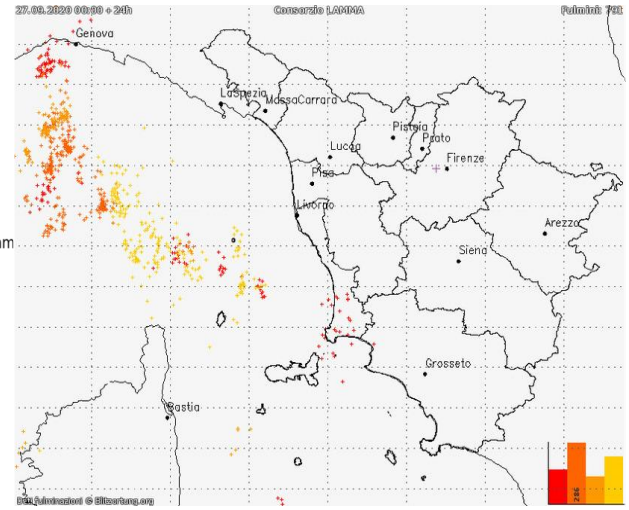
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 27/09/2020



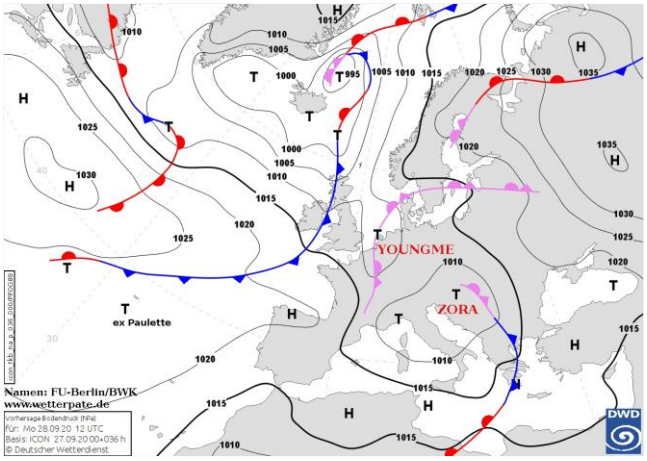
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 27 Settembre

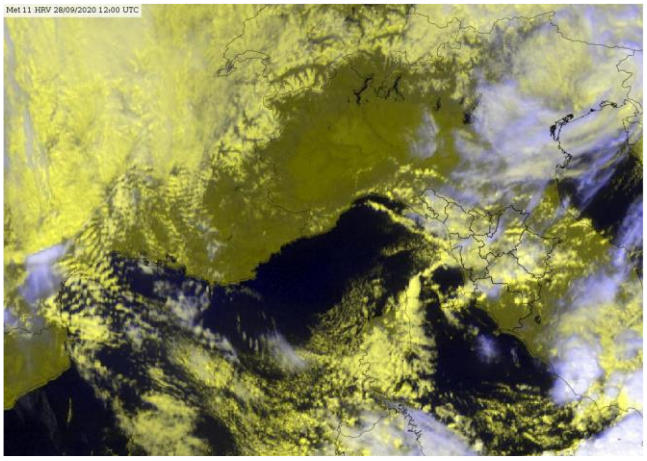


Lunedi' 28 Settembre 2020

Situazione: Il Mediterraneo Centrale è ancora interessato da un'area depressionaria in progressivo colmamento.



Pressione al suolo e fronti del 28 Settembre alle 12 UTC



Meteosat HRV del 28 Settembre alle 12 UTC

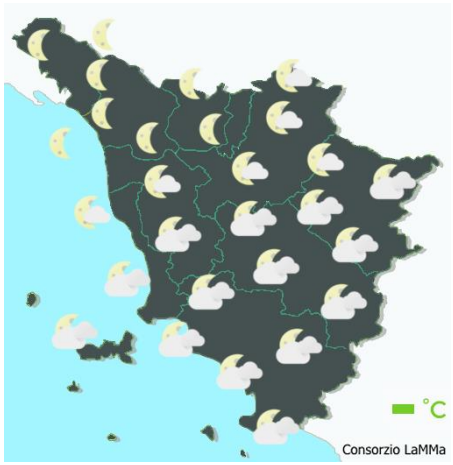
situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: parzialmente nuvoloso.

Fenomeni: piogge sulla costa e sulle zone centro-meridionali.

Venti: deboli variabili.

Mari: mossi o ancora molto mossi i settori settentrionali.

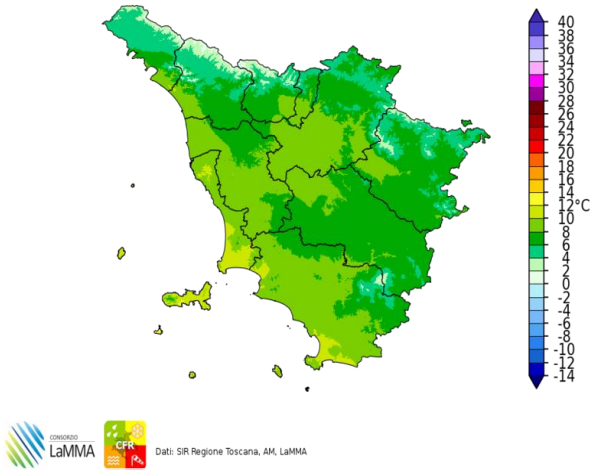
Temperature: in aumento.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	8	8	9	12	7	10	9	8	10	8
	anomalia*	-3	-5	-5	-5	-7	-6	-5	-6	-5	-6
T. max	osservata	18	21	20	17	19	20	18	18	20	17
	anomalia*	-6	-4	-5	-7	-6	-5	-6	-7	-5	-6
Precipitazione (mm/24ore)		4	0	2	3	0	0	2	0	0	0

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

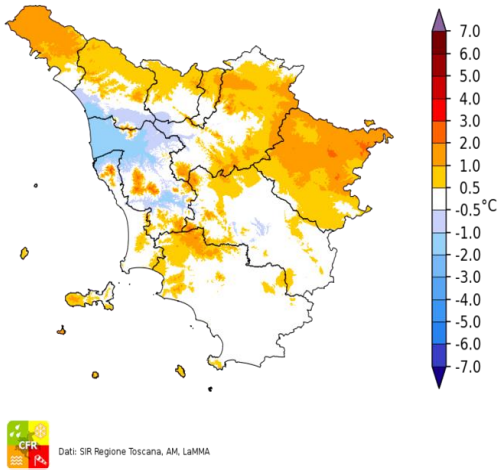
Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 28/09/2020



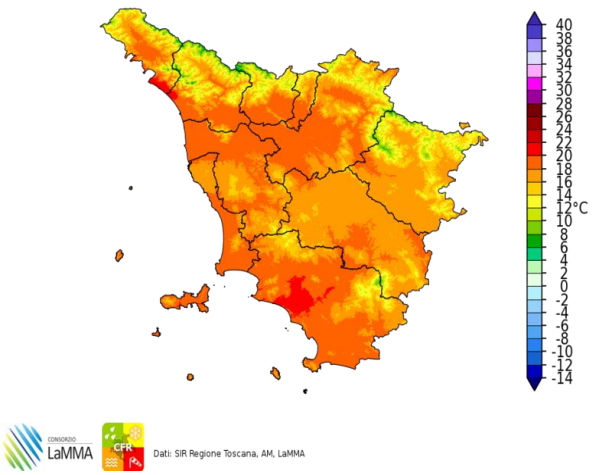
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 28/09/2020 e 27/09/2020



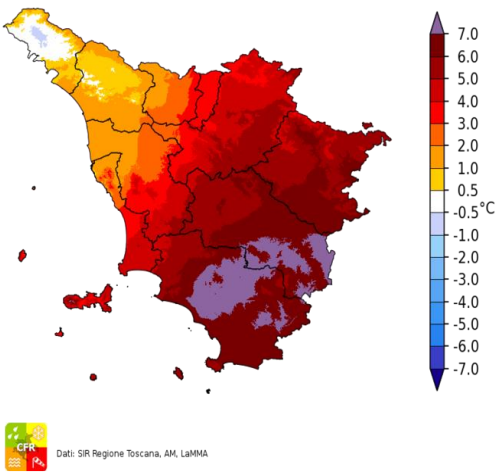
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 28/09/2020



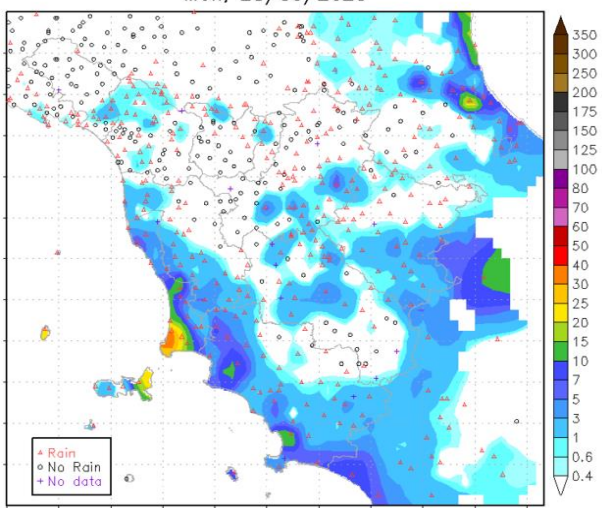
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 28/09/2020 e 27/09/2020

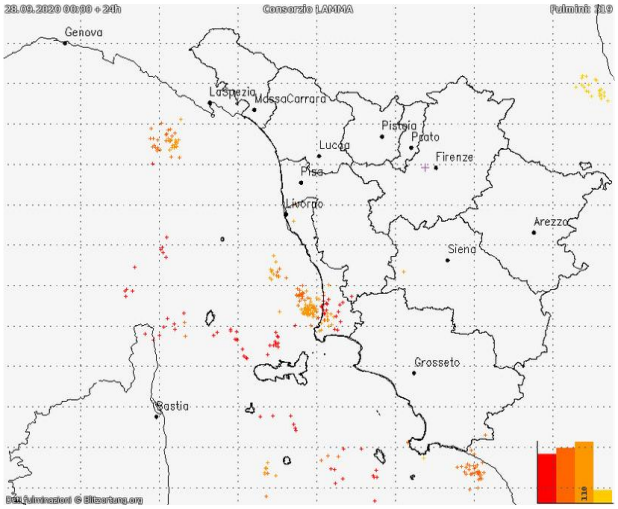


Dati: SIR Regione Toscana, AM, LaMMA

Total Precipitation [mm] cumulated on Mon, 28/09/2020

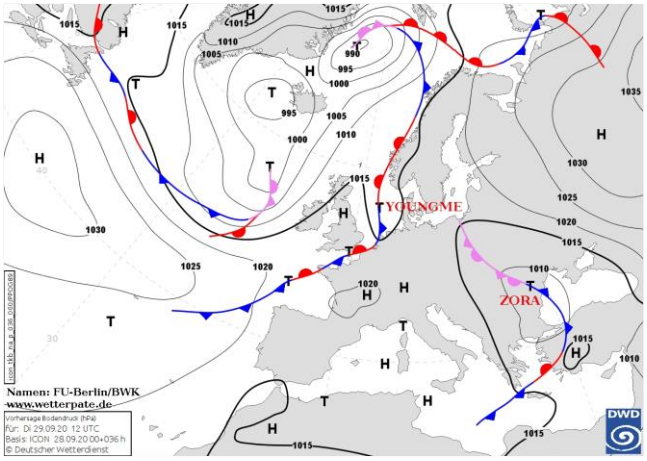


Fulminazioni osservate il giorno 28 Settembre

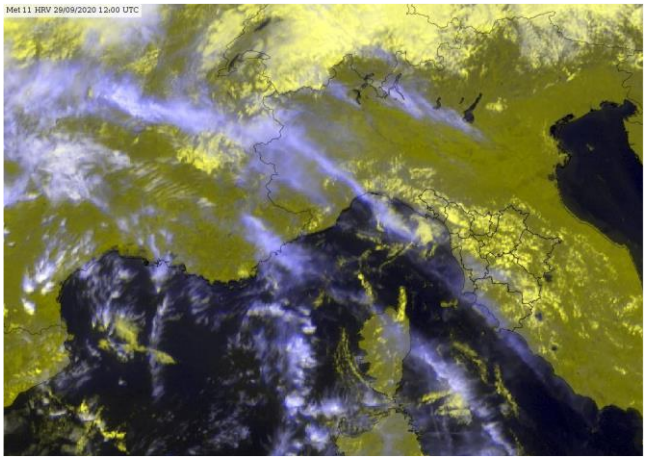


Martedi' 29 Settembre 2020

Situazione: temporanea rimonta interciclonica.

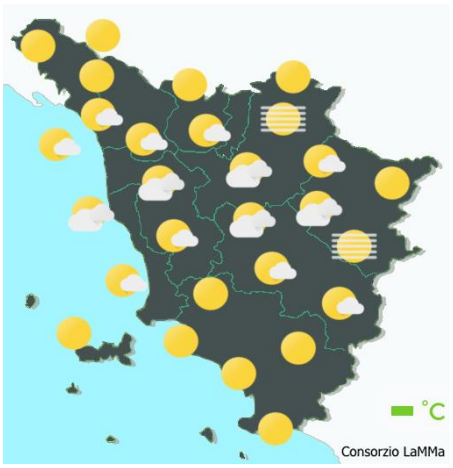


Pressione al suolo e fronti del 29 Settembre alle 12 UTC



Meteosat HRV del 29 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: poco o parzialmente nuvoloso.

Fenomeni: nessuno.

Venti: deboli in prevalenza meridionali sulla costa.

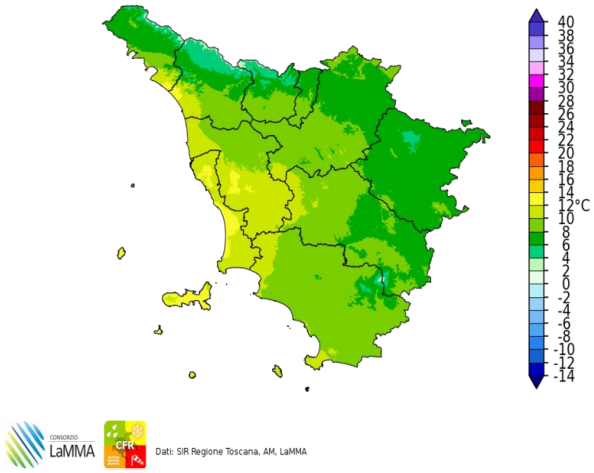
Mari: mossi ma con moto ondoso in attenuazione.

Temperature: inferiori alle medie.

		Arezzo	Firenze	Grosseto	Livorno	Lucca	Massa	Pisa	Pistoia	Prato	Siena
T. min	osservata	6	8	10	13	9	12	9	8	10	10
	anomalia*	-4	-6	-4	-3	-5	-4	-5	-5	-5	-4
T. max	osservata	20	23	21	23	22	22	22	21	22	20
	anomalia*	-4	-2	-4	-1	-3	-3	-2	-4	-3	-3
Precipitazione (mm/24ore)		0	0	0	0	0	0	0	0	0	0

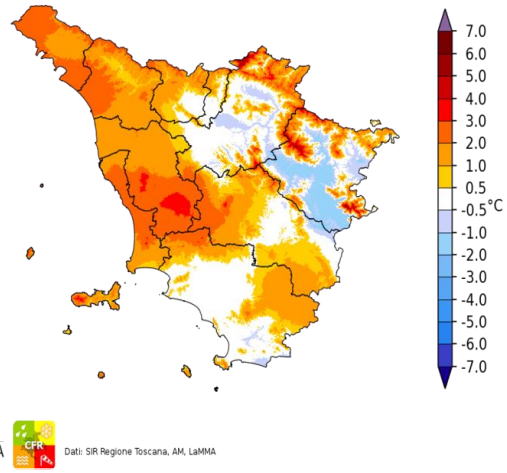
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 29/09/2020



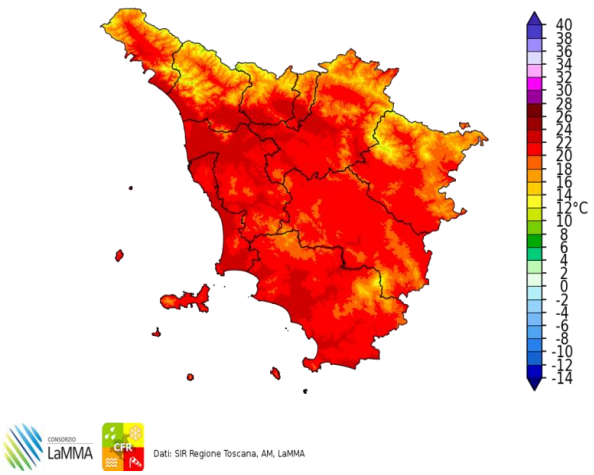
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 29/09/2020 e 28/09/2020



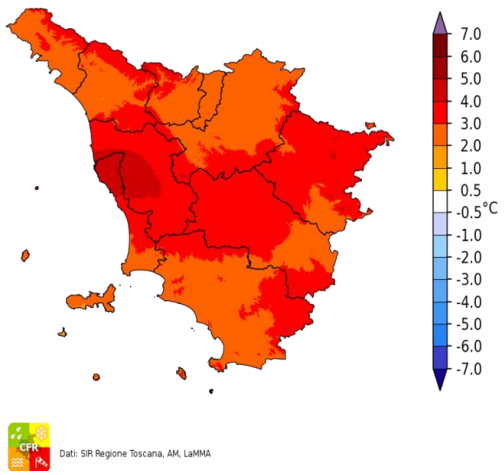
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 29/09/2020



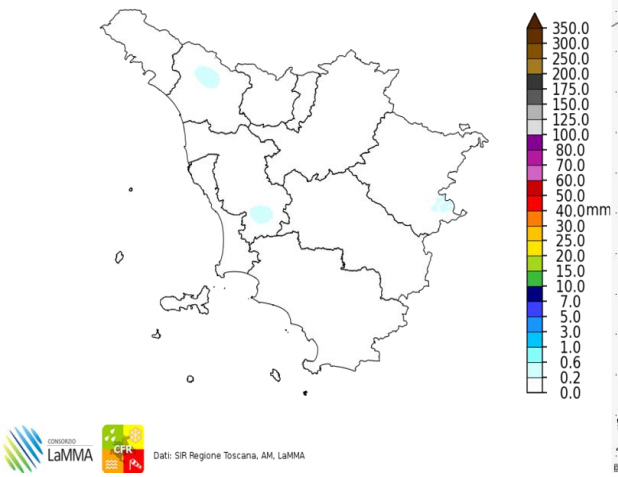
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 29/09/2020 e 28/09/2020



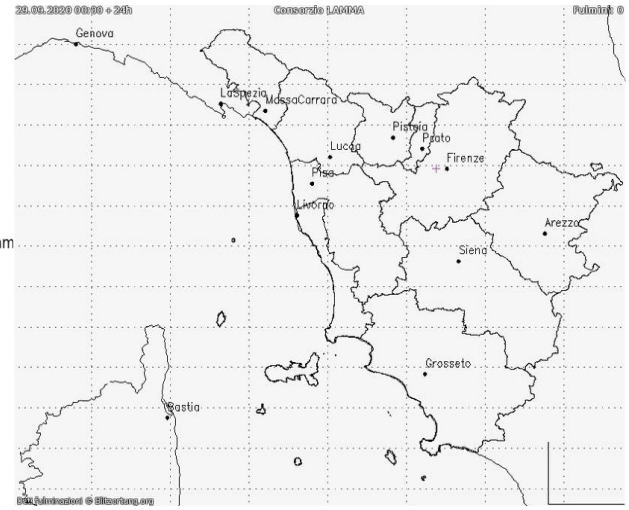
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 29/09/2020



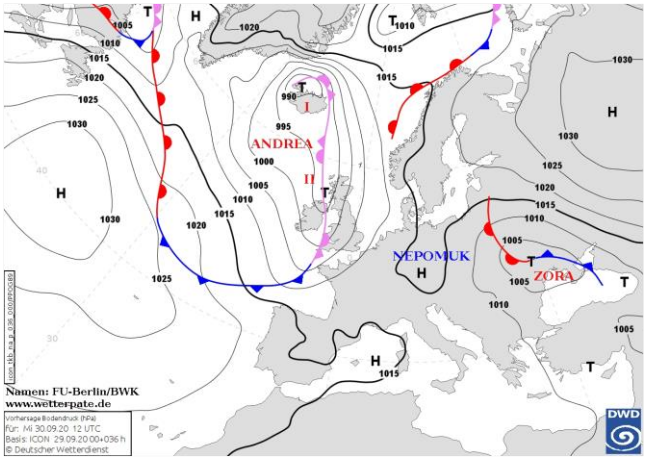
Dati: SIR Regione Toscana, AM, LaMMA

Fulminazioni osservate il giorno 29 Settembre

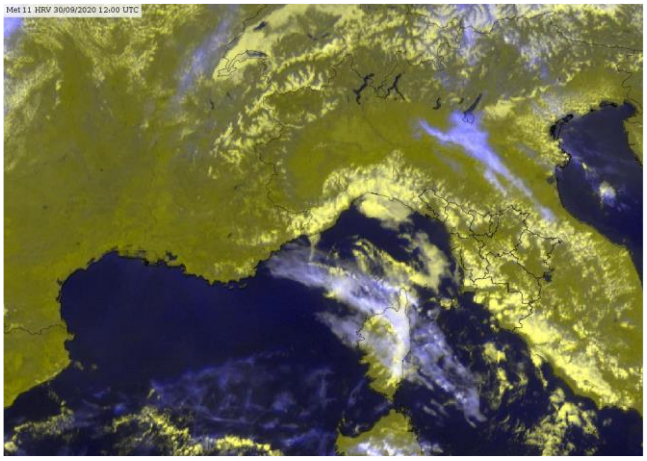


Mercoledi' 30 Settembre 2020

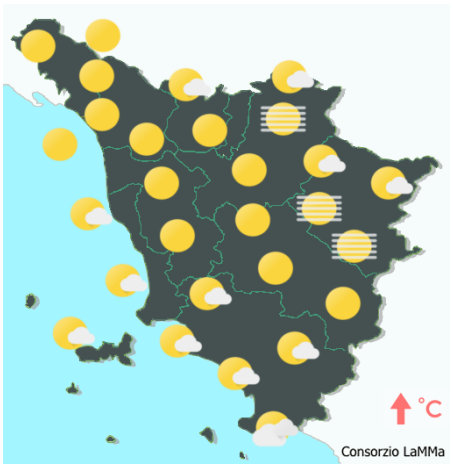
Situazione: Un debole promontorio anticiclonico garantisce condizioni di stabilità.



Pressione al suolo e fronti del 30 Settembre alle 12 UTC


Meteosat HRV del 30 Settembre alle 12 UTC

situazione in Toscana



mattina



pomeriggio



sera

Stato del cielo: poco nuvoloso.

Fenomeni: nessuno.

Venti: deboli occidentali.

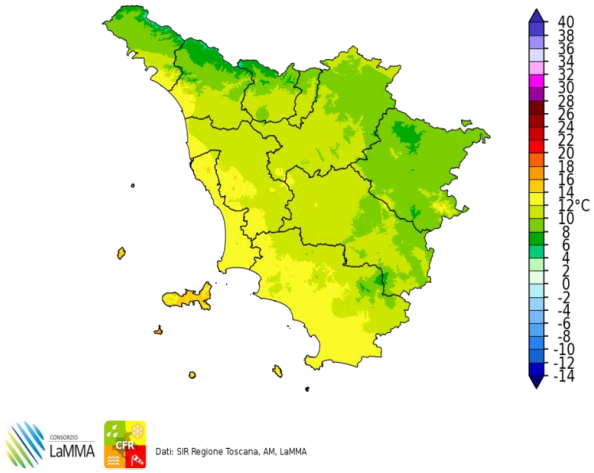
Mari: poco mossi o localmente mossi a sud dell'Elba.

Temperature: in sensibile aumento in particolare nei valori minimi.

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

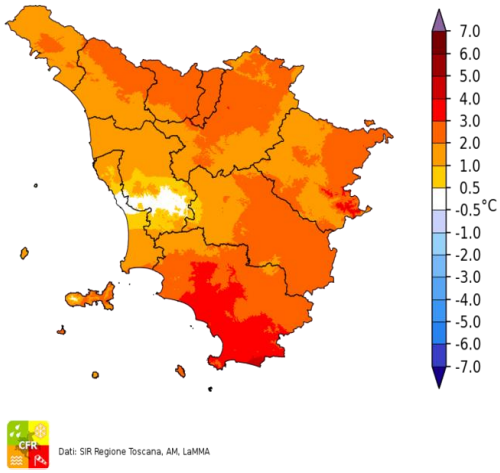
*anomalia calcolata sulla base della normale climatica decadale 1981-2010 Dati: SIR-Regione Toscana, AM, LaMMA

Temperatura Minima del 30/09/2020



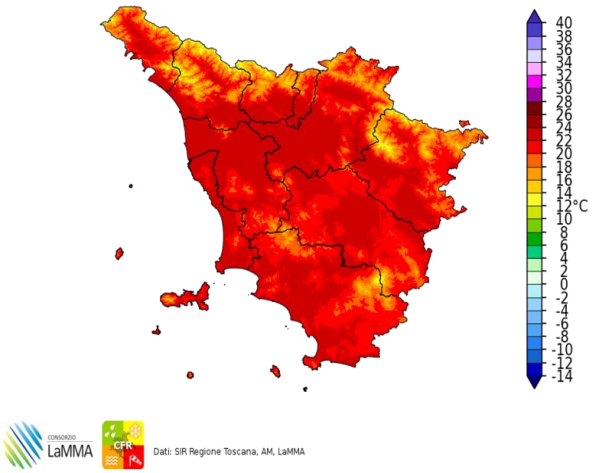
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Minima tra 30/09/2020 e 29/09/2020



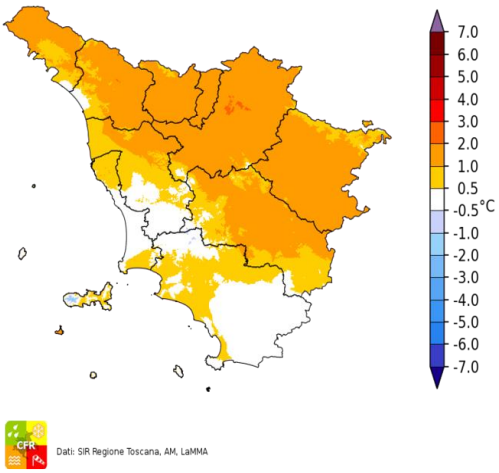
Dati: SIR Regione Toscana, AM, LaMMA

Temperatura Massima del 30/09/2020



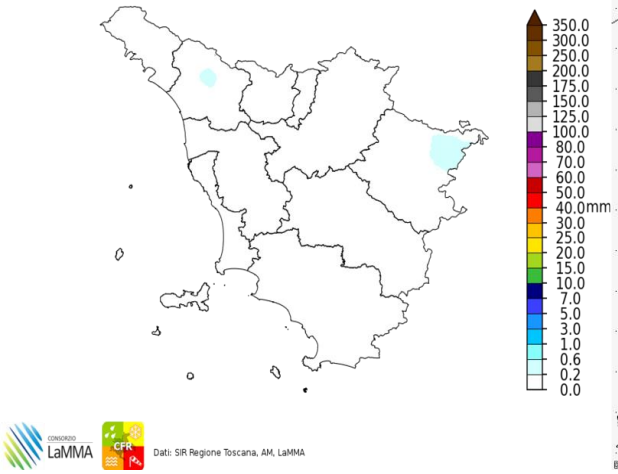
Dati: SIR Regione Toscana, AM, LaMMA

Differenza della Temperatura Massima tra 30/09/2020 e 29/09/2020



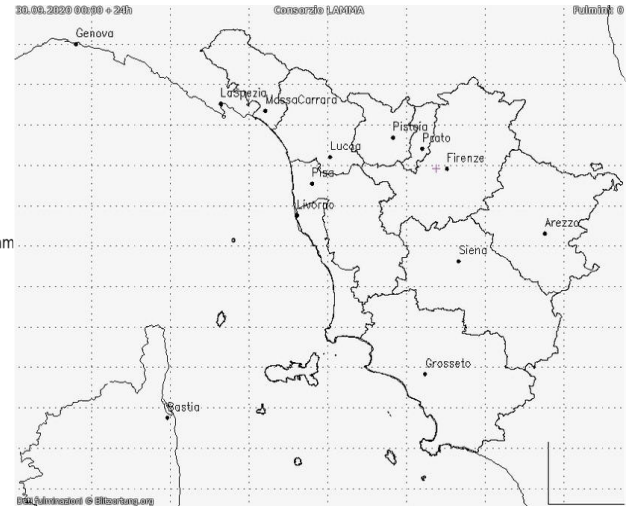
Dati: SIR Regione Toscana, AM, LaMMA

Precipitazione del 30/09/2020



Dati: SIR Regione Toscana, AM, LaMMA

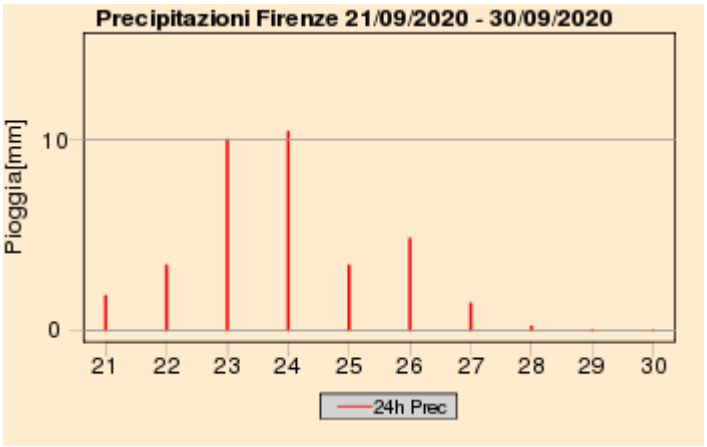
Fulminazioni osservate il giorno 30 Settembre

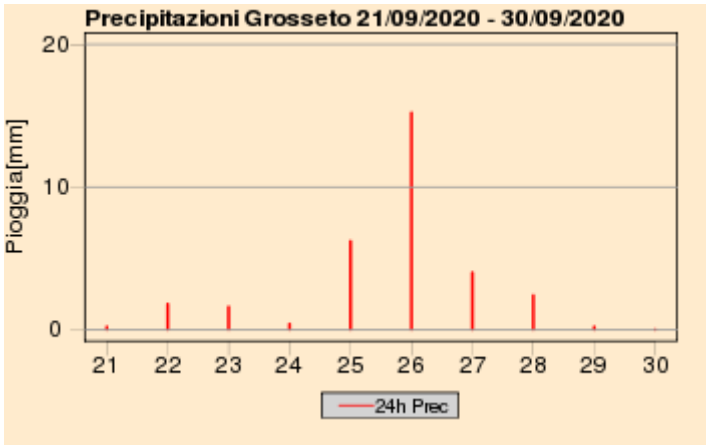


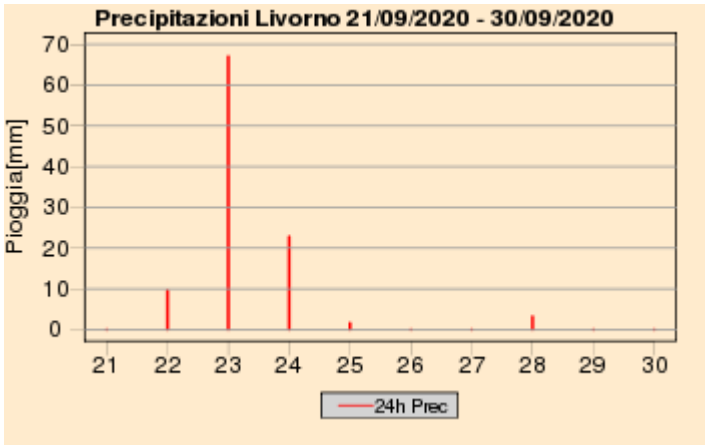
III decade - Quadro regionale – Precipitazioni

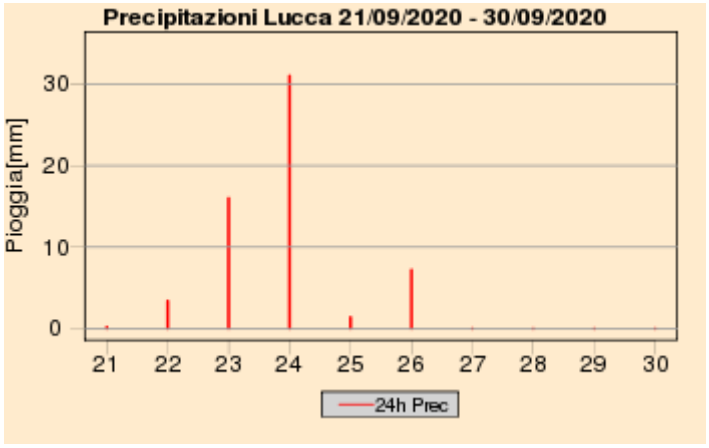
Dopo due decadi dominate dall'alta pressione nel corso della terza decade di Settembre si è assistito ad un deciso cambio della circolazione, e la Toscana è stata interessata dal transito di perturbazioni che hanno favorito precipitazioni diffuse e localmente abbondanti. I cumulati osservati sono risultato infatti quasi ovunque prossimi o superiori a 100 mm. Degne di nota anche le nevicate osservate oltre i 1400 in Appennino e, ancor più copiose, sul monte Amiata, ove, in vetta si sono raggiunti i 15 cm di manto neve fresca.

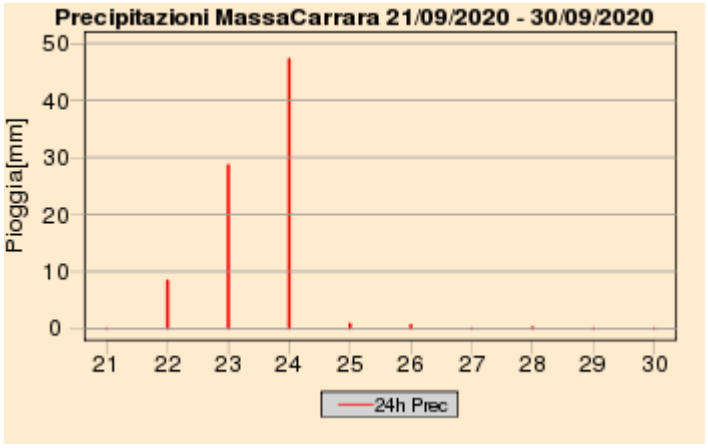


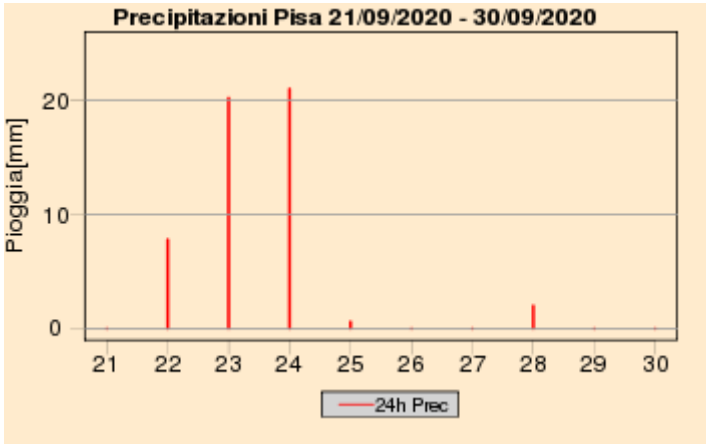


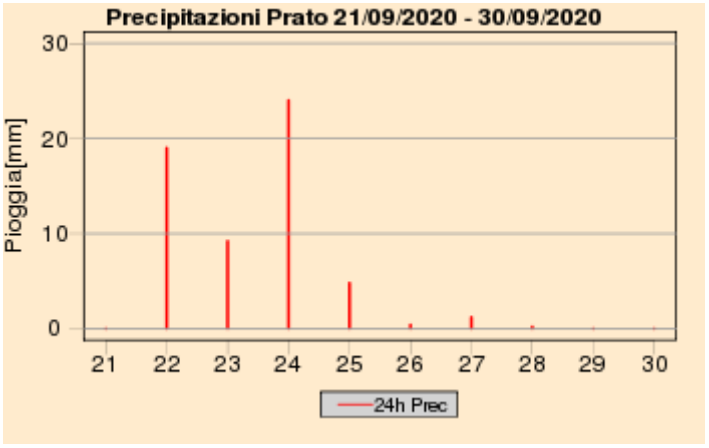


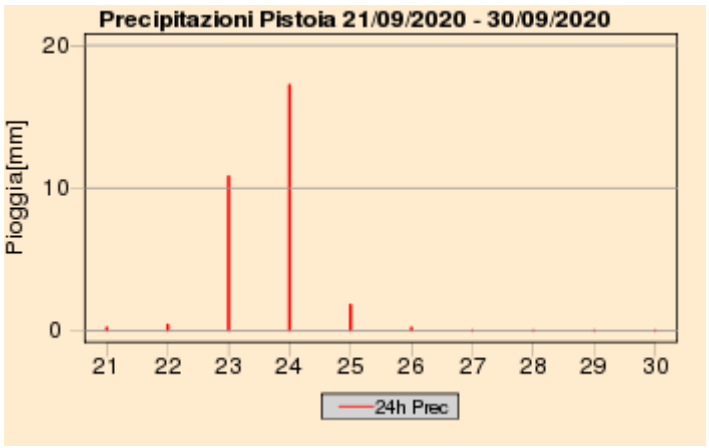


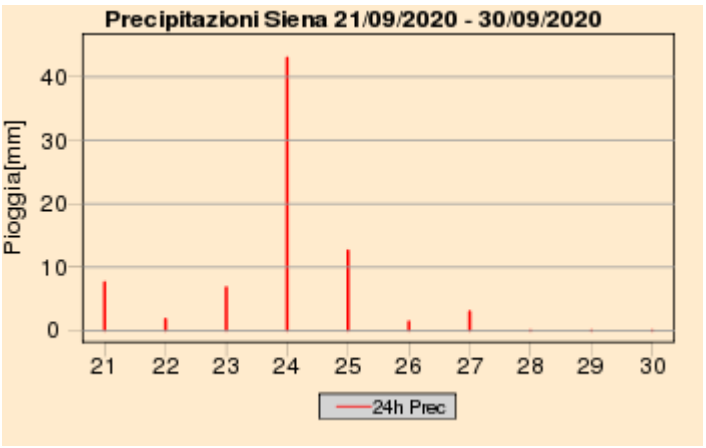




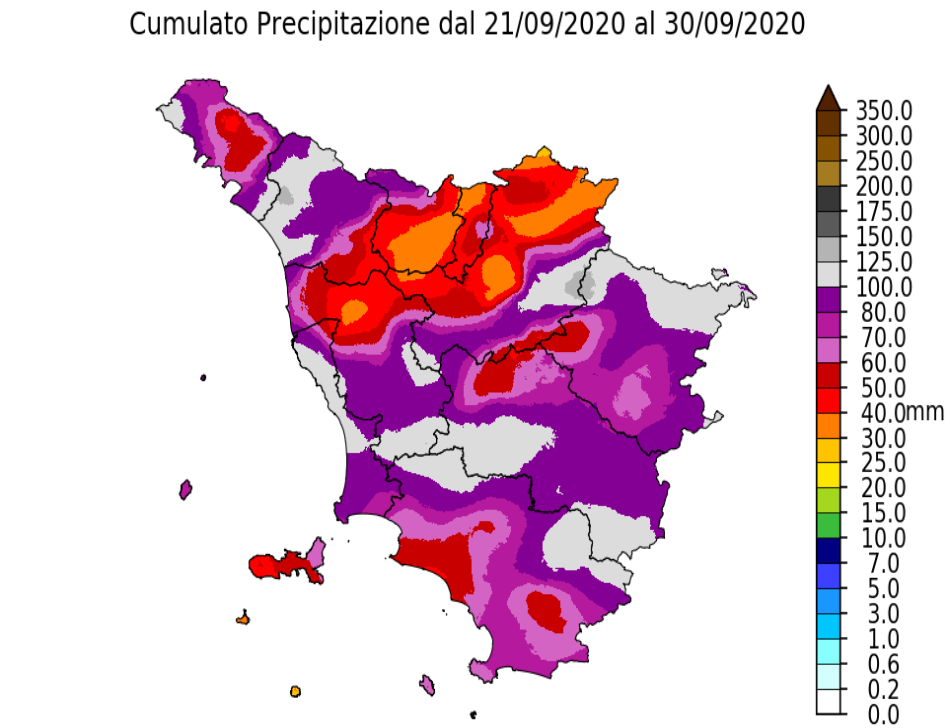






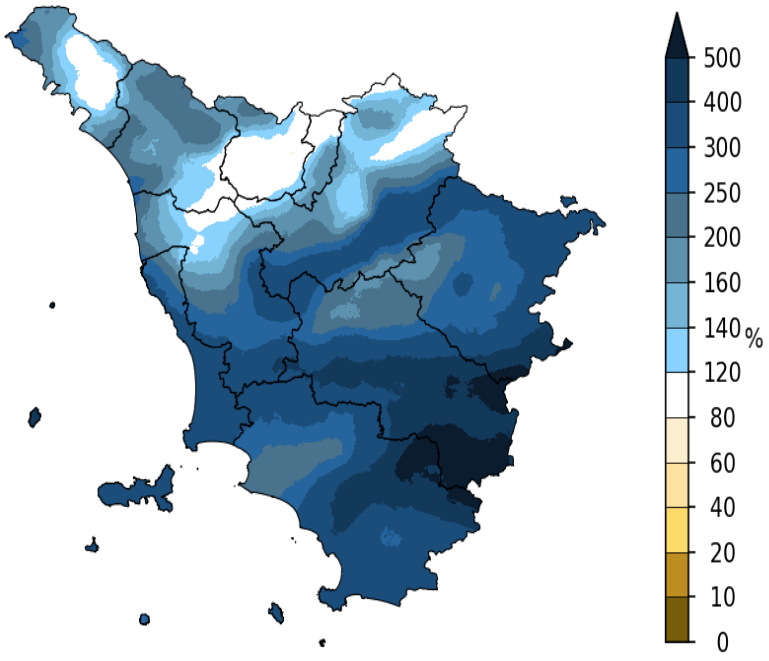


Quadro regionale – Cumulati decadali di precipitazione, anomalia di precipitazione e numero di giorni di pioggia



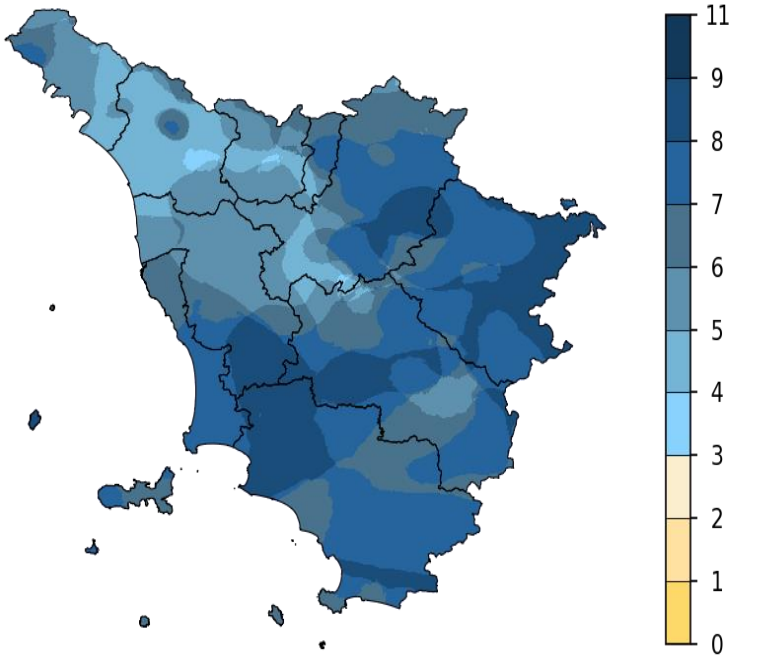
Dati: SIR Regione Toscana, AM, LaMMA

Percentuale di Precipitazione rispetto alla media climatica
dal 21/09/2020 al 30/09/2020



Dati: SIR Regione Toscana, AM, LaMMA

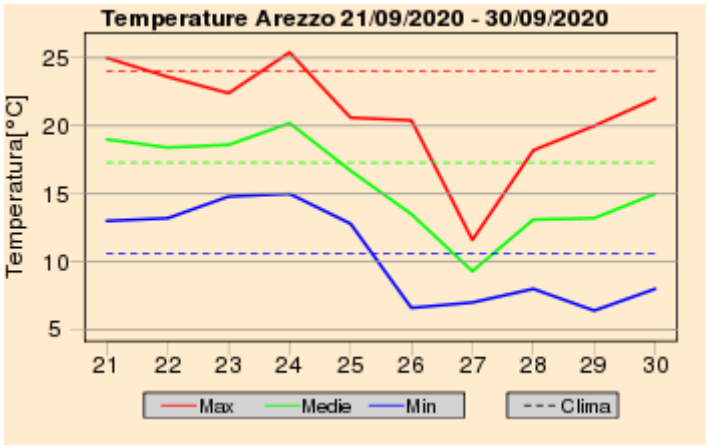
Giorni con Pioggia ≥ di 1 mm dal 21/09/2020 al 30/09/2020

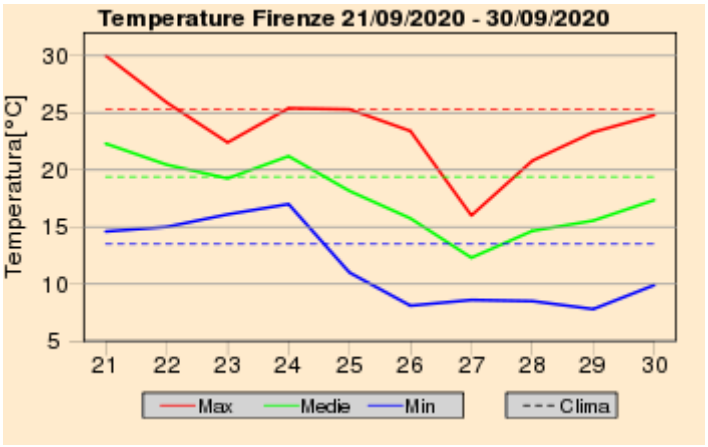


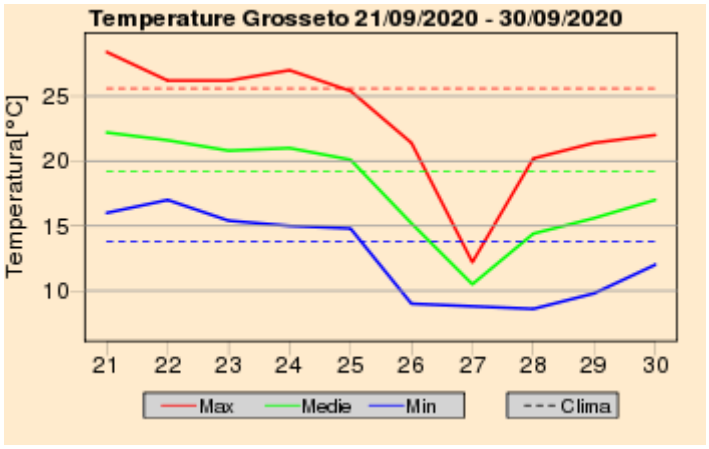
Dati: SIR Regione Toscana, AM, LaMMA

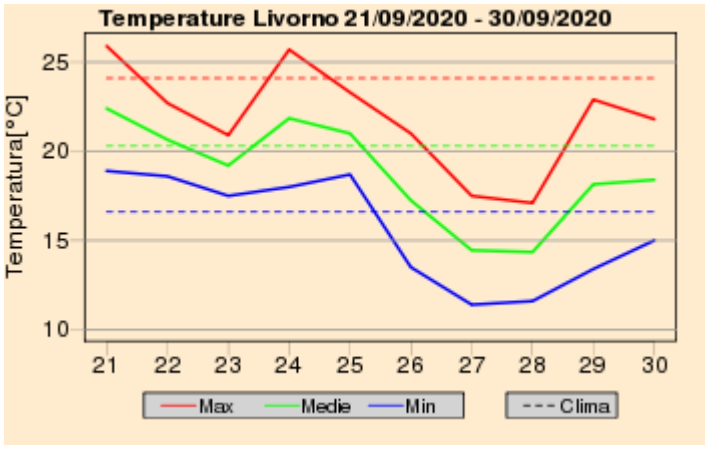
III decade - Quadro regionale – Temperature

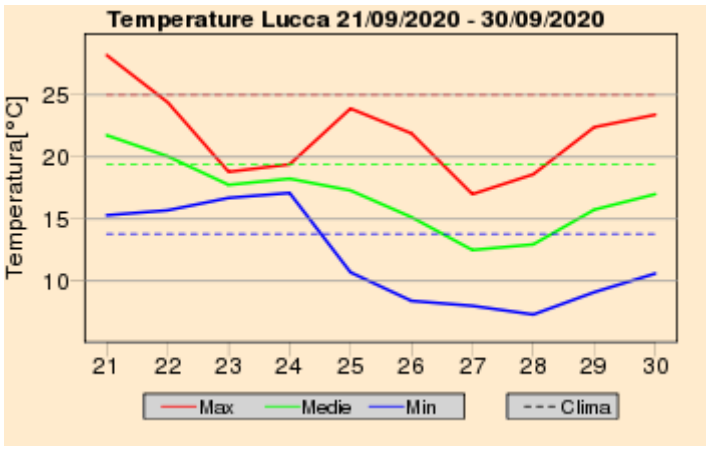
Dal punto di vista termico la terza decade di Settembre, a differenza delle precedenti, ha fatto registrare temperature inferiori a quelle tipiche del periodo. A partire dal 25 in particolare le temperature sono calate fino a valori eccezionalmente bassi per il periodo; le minime si sono infatti mantenute diffusamente al di sotto dei 10 gradi in pianura fino a fine mese; per quanto riguarda le massime, il giorno 27 a Firenze, ma soprattutto a Arezzo e Grosseto si sono osservati i valori più bassi mai osservati dal 1955: a Firenze massima di 16 gradi (precedente record 16,2 del 22 Settembre 1977), ad Arezzo massima di 11,6 gradi (precedente record 13,2 del 22 Settembre 1977) e a Grosseto massima 12.2 gradi (precedente record 14.4 sempre del 22 Settembre 1977)

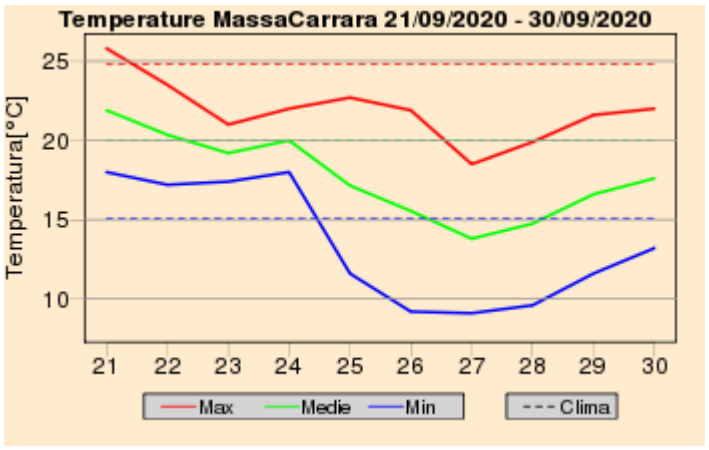


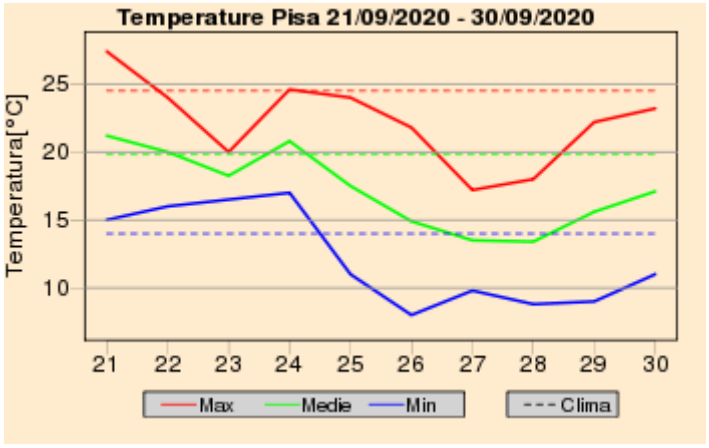


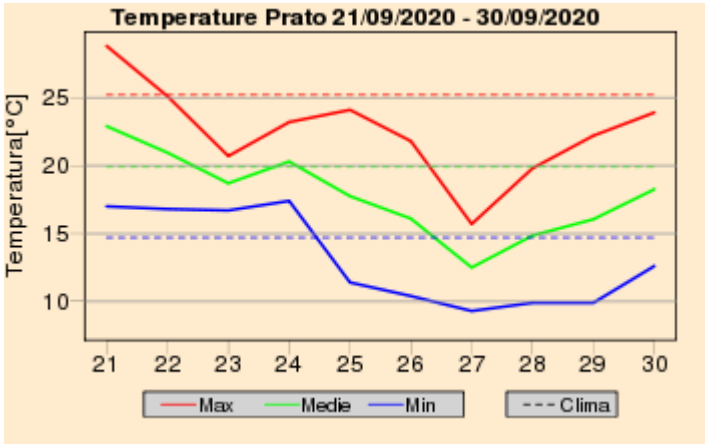


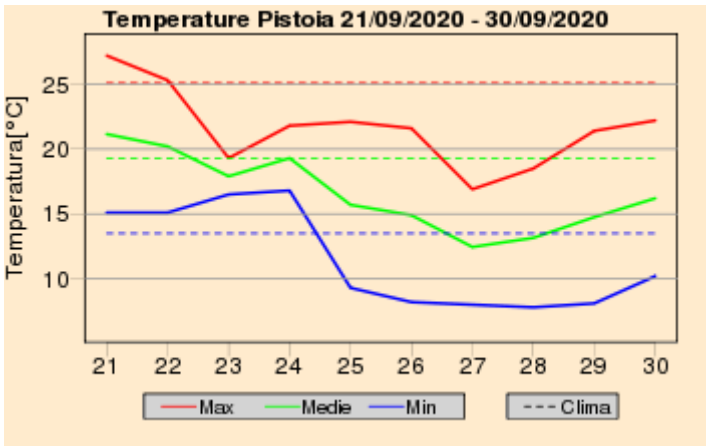


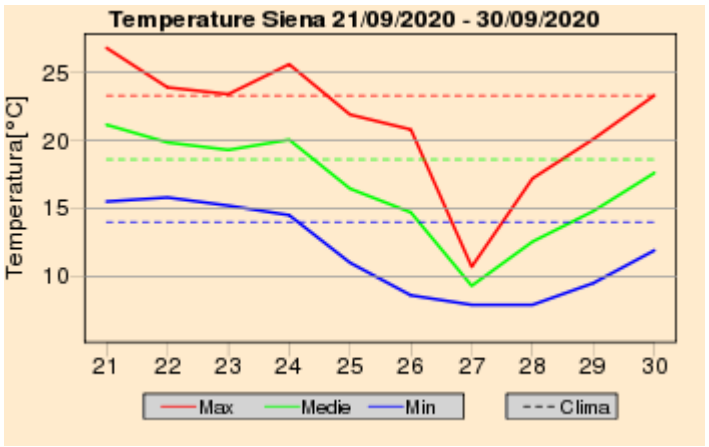




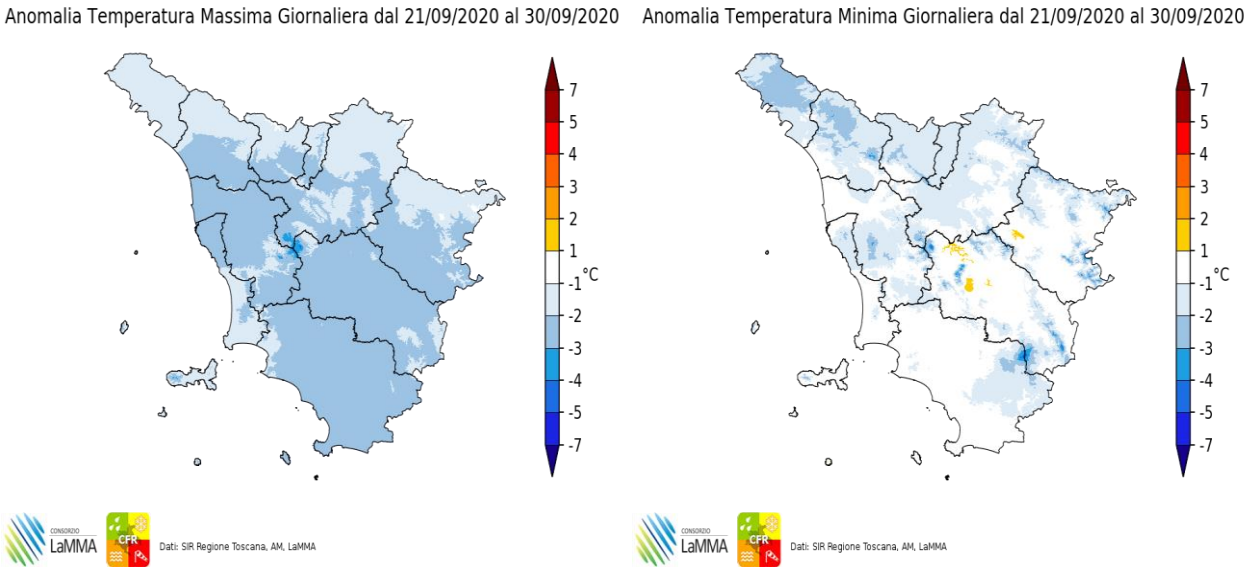








Quadro regionale – Anomalie termiche



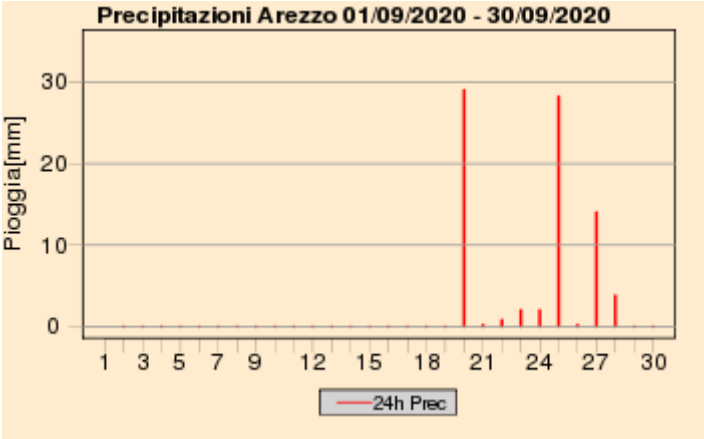
Anomalia termica decadale per le temperature massime e minime giornaliere

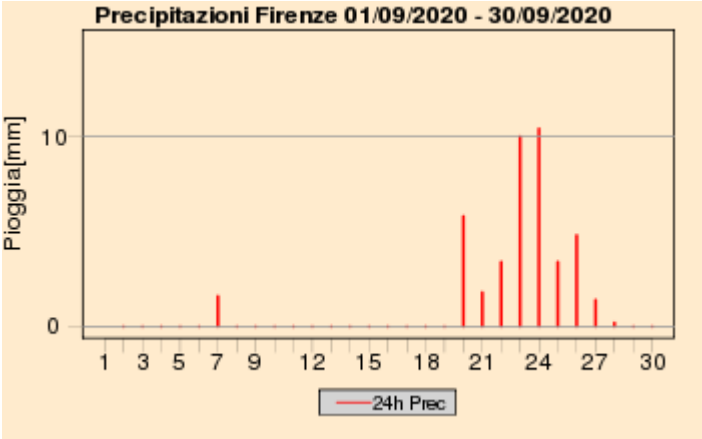
Riepilogo Mensile

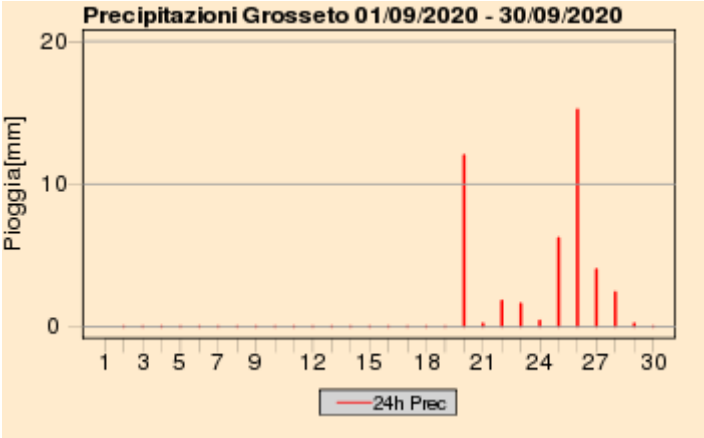
Grafici mensili: Precipitazioni

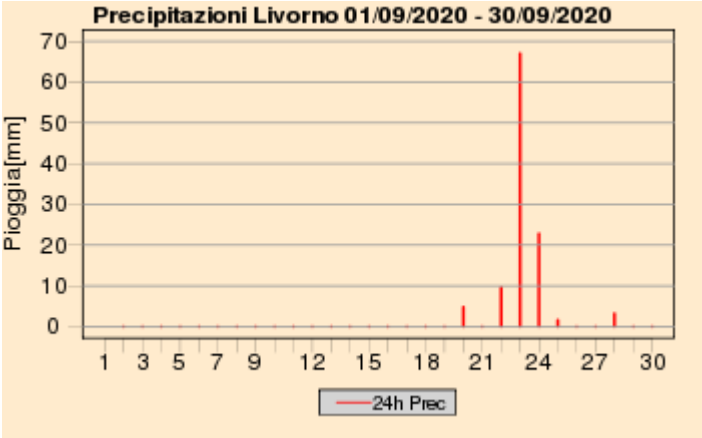
Le piogge osservate nel mese di Settembre, quasi nella totalità concentrate negli ultimi 10 giorni del mese, sono risultate, a livello complessivo regionale, in linea con la normale climatica (trentennio 1981-2010). Su buona parte della regione, e in particolare sulle zone centro meridionali, si è osservato un leggero surplus pluviometrico con cumulati mensili attorno a 100 mm e oltre; sulle zone settentrionali i cumulati sono invece risultati inferiori a quelli tipici di Settembre.

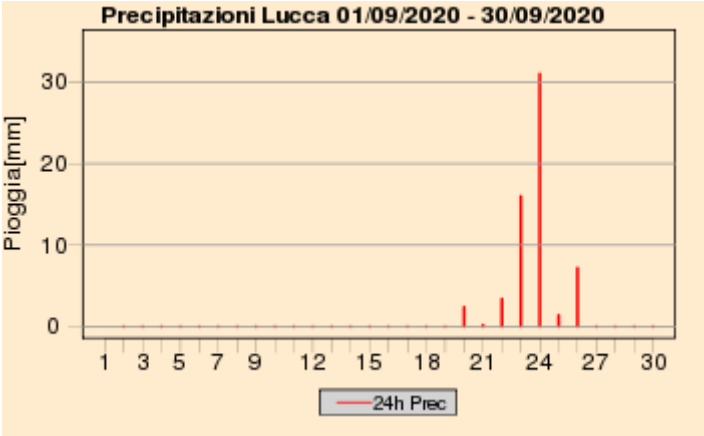
Quadro regionale – Precipitazioni osservate nei capoluoghi

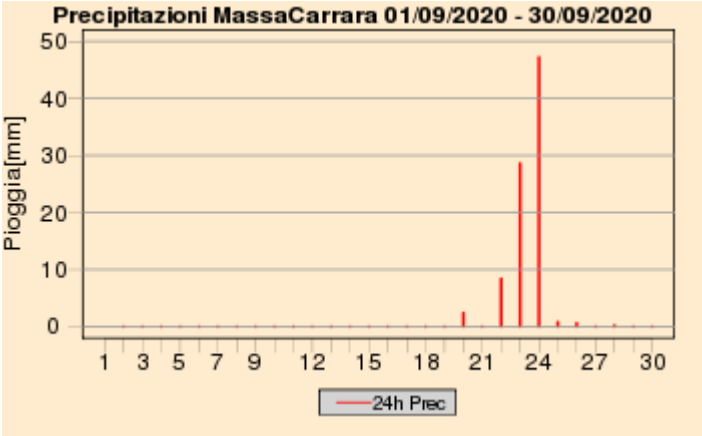


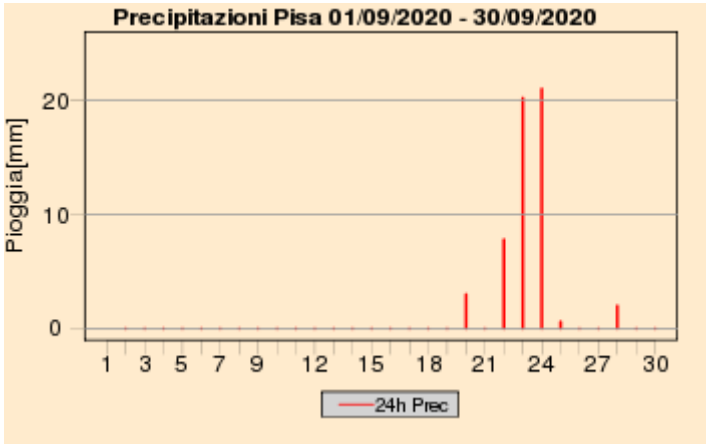


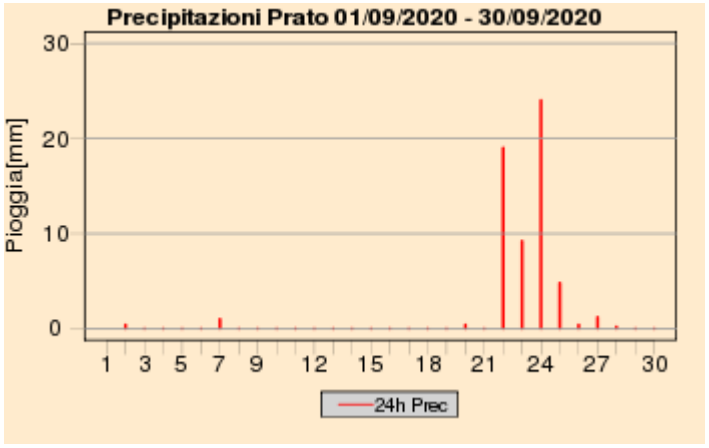


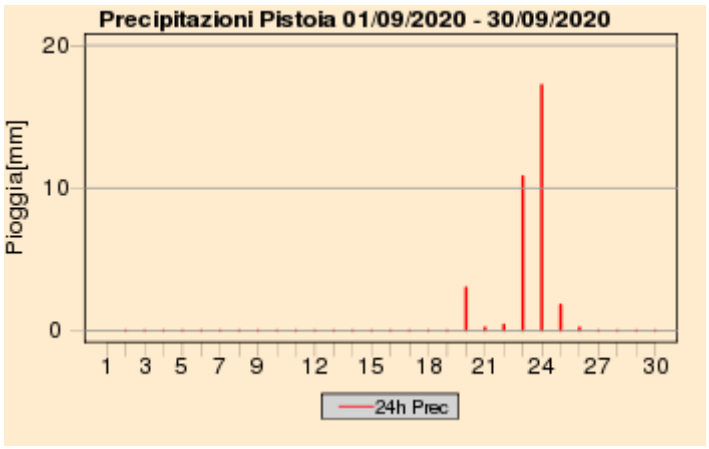


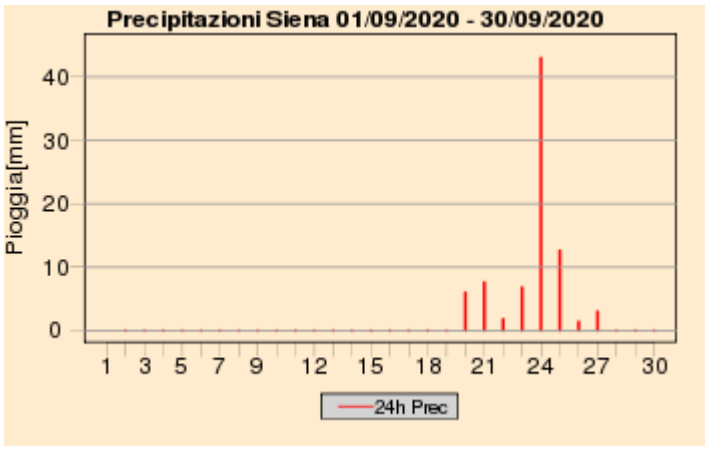




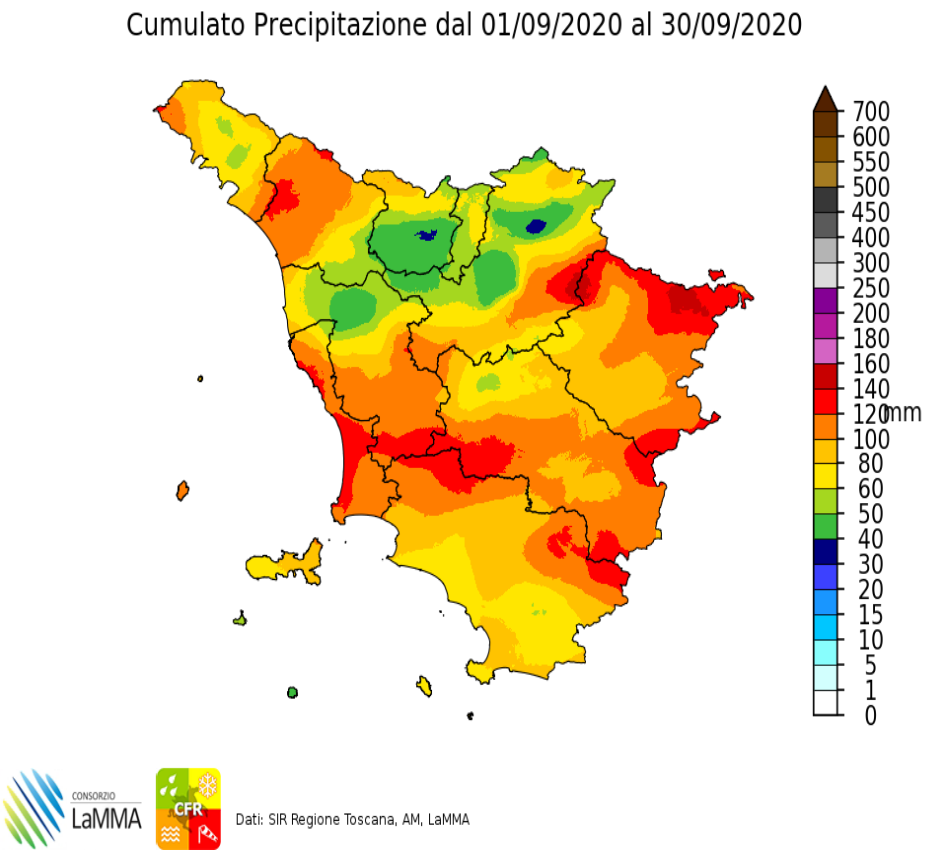






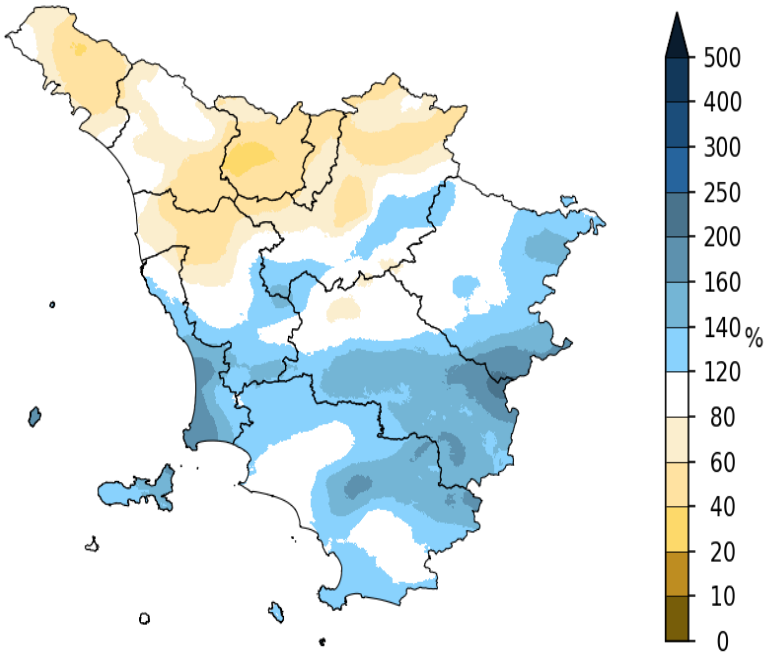


Quadro regionale – Cumulati mensili di precipitazione



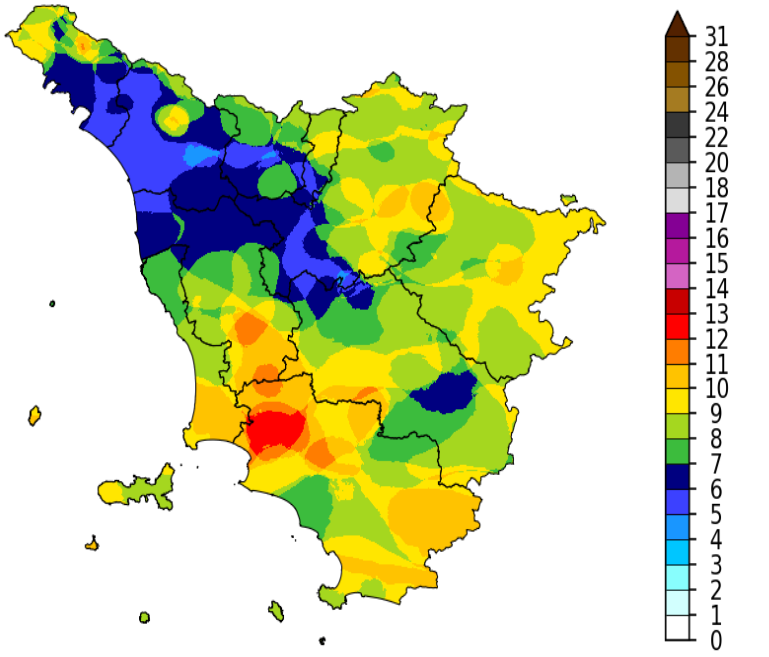
Cumulati mensili di precipitazione sul territorio regionale (Settembre 2020)

Percentuale di Precipitazione rispetto alla media climatica
dal 01/09/2020 al 30/09/2020



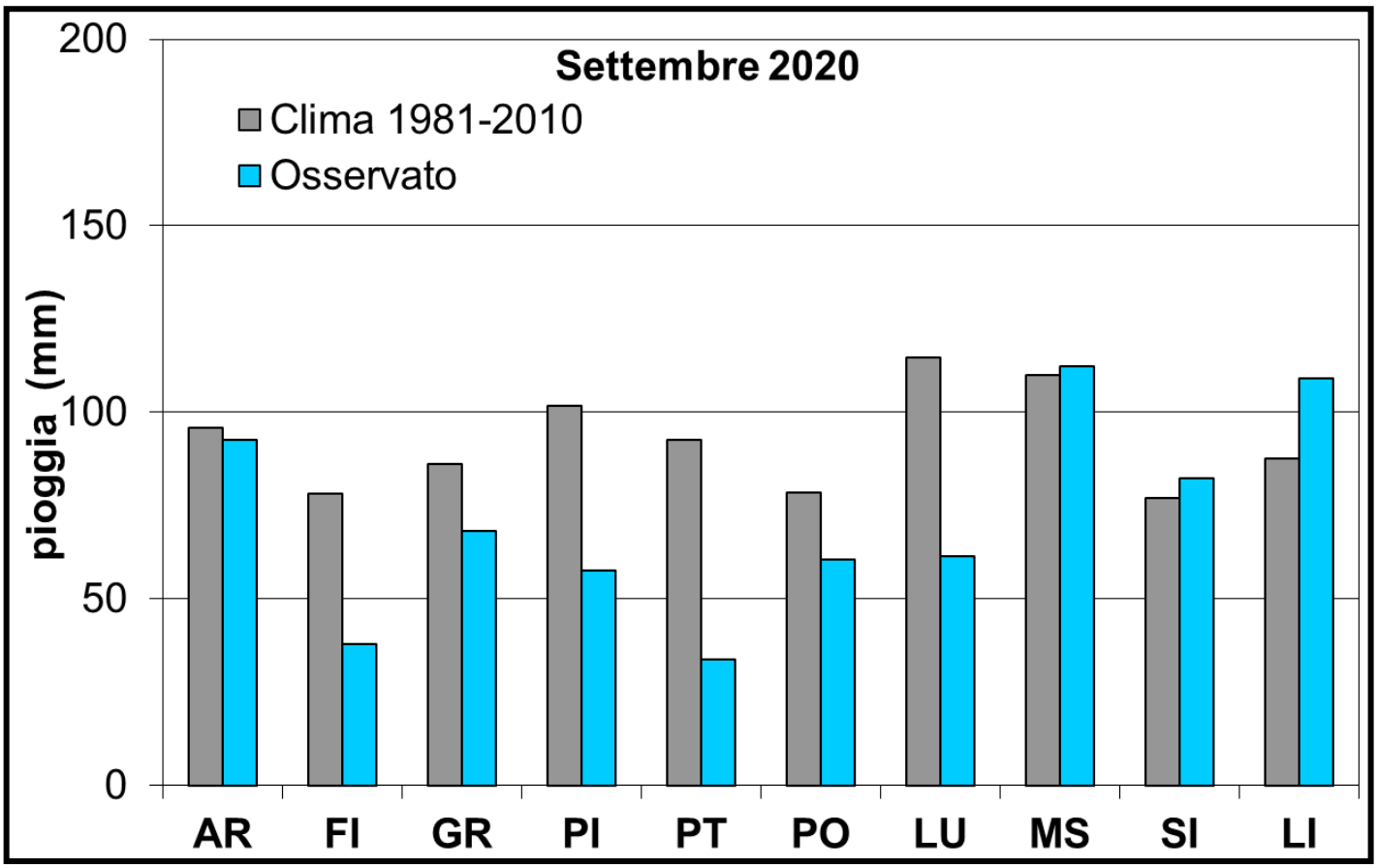
Dati: SIR Regione Toscana, AM, LaMMA

Giorni con Pioggia ≥ di 1 mm dal 01/09/2020 al 30/09/2020

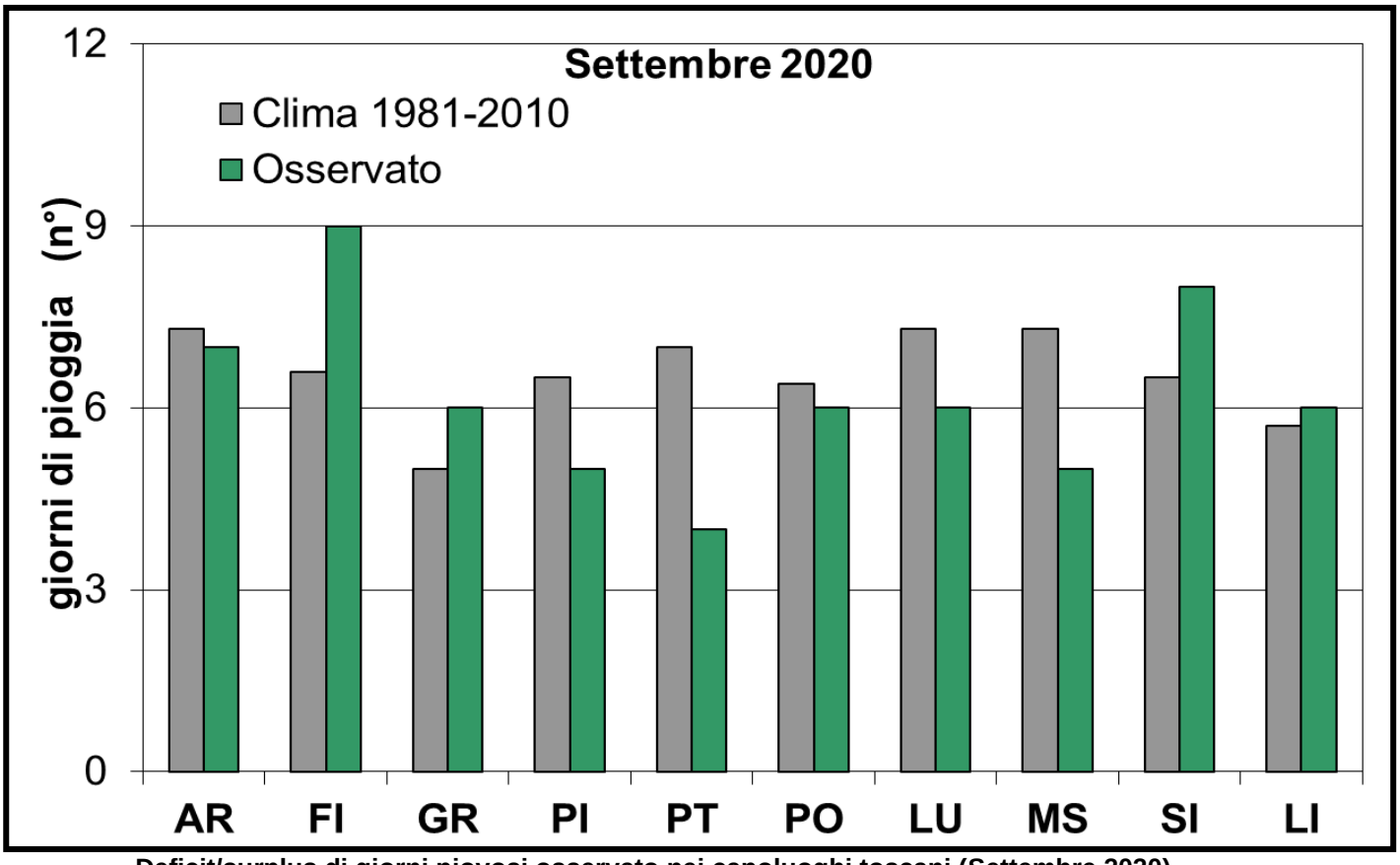


Dati: SIR Regione Toscana, AM, LaMMA

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



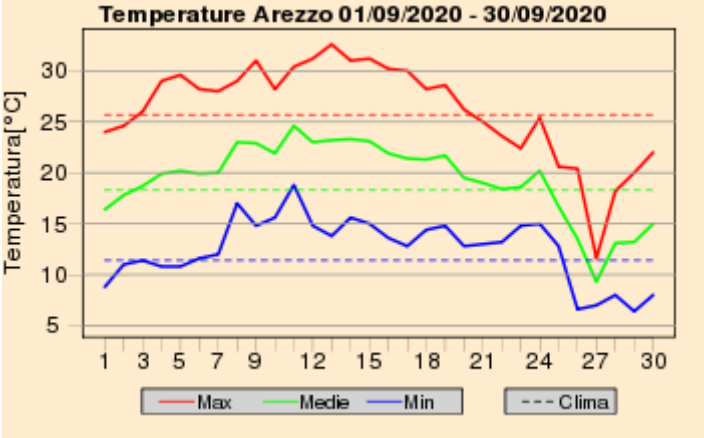
Deficit/surplus di precipitazione osservato nei capoluoghi toscani (Settembre 2020)

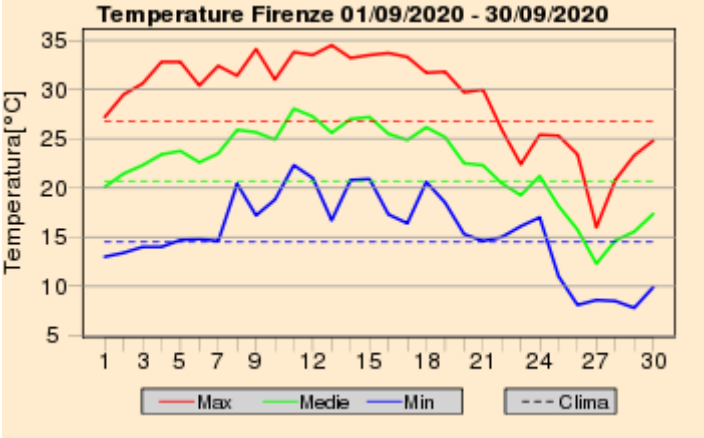


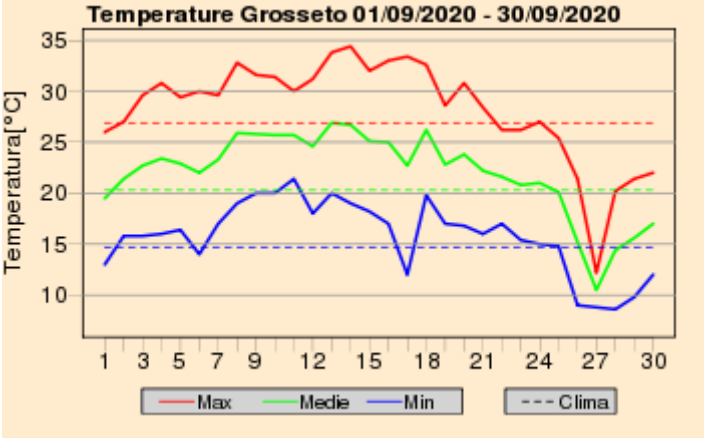
Deficit/surplus di giorni piovosi osservato nei capoluoghi toscani (Settembre 2020)

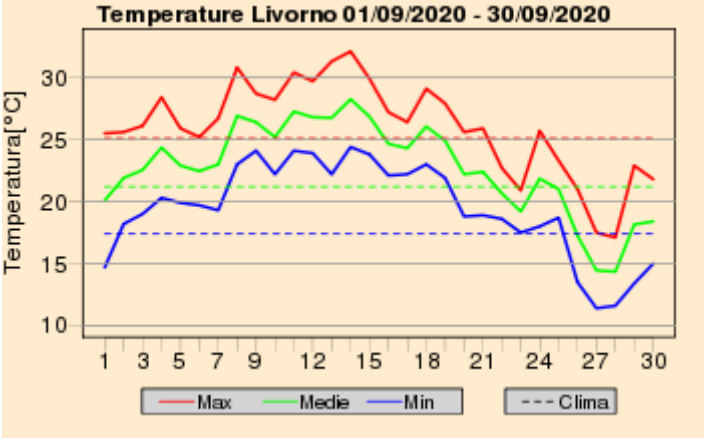
Grafici mensili: Temperature

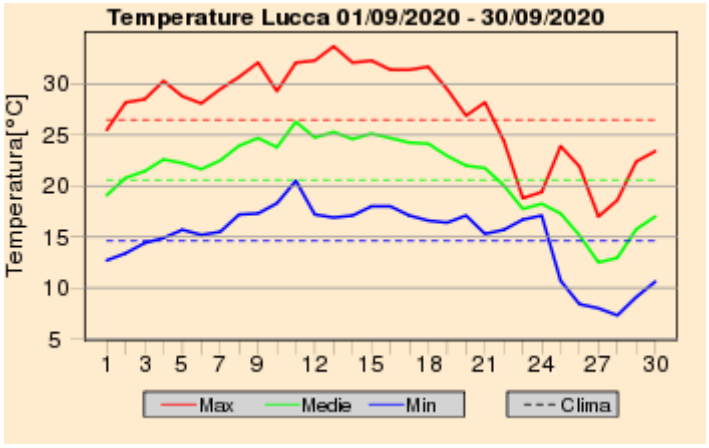
Nonostante le temperature eccezionalmente basse registrate a fine mese, Settembre 2020 è risultato comunque più caldo della media climatologica, tanto da risultare il 12° settembre più caldo dal 1955. Complessivamente infatti la temperatura media mensile è risultata di 1.2 gradi superiore a quelle media del trentennio 1981-2010.
Le massime in particolare hanno fatto segnare i maggiori scarti dalle medie (+1.4 gradi rispetto al clima 1981-2010 a livello mensile) soprattutto nella parte centrale del mese. Per quanto riguarda le minime, lo scarto dalla media 1981-2010 è risultato complessivamente pari a 0.9 gradi.

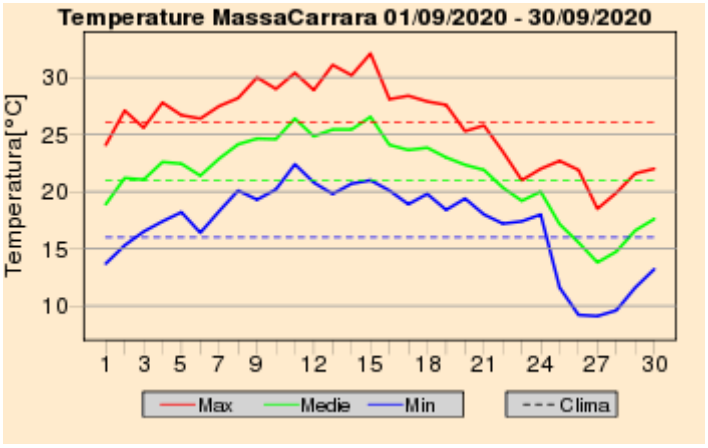


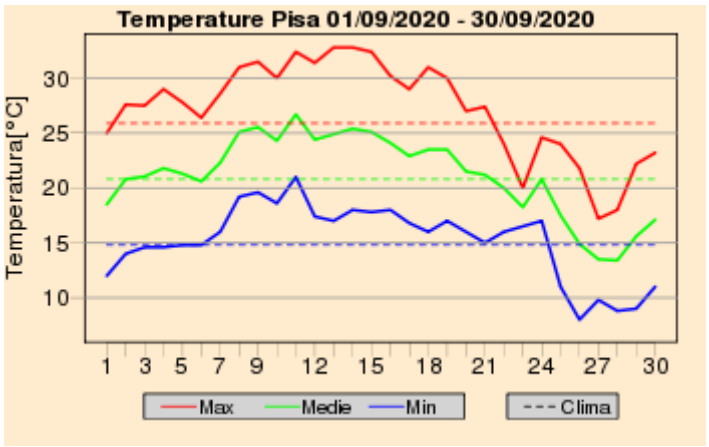


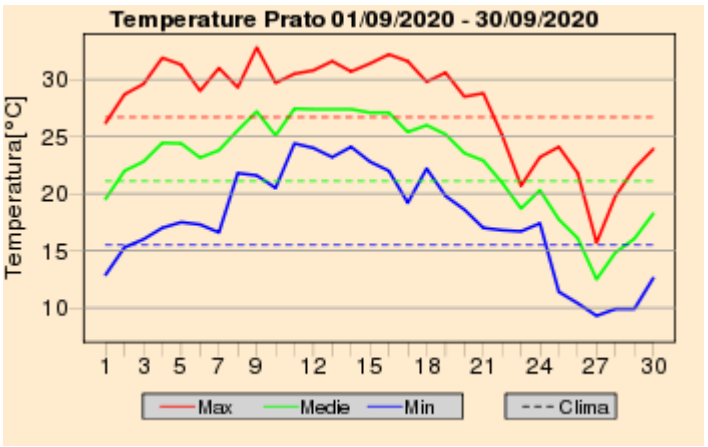


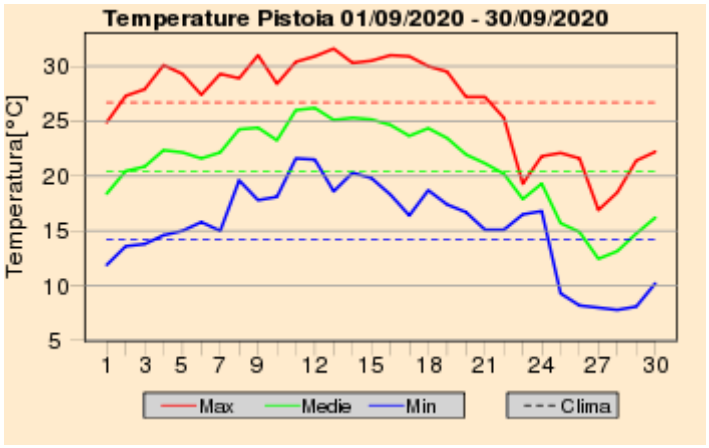


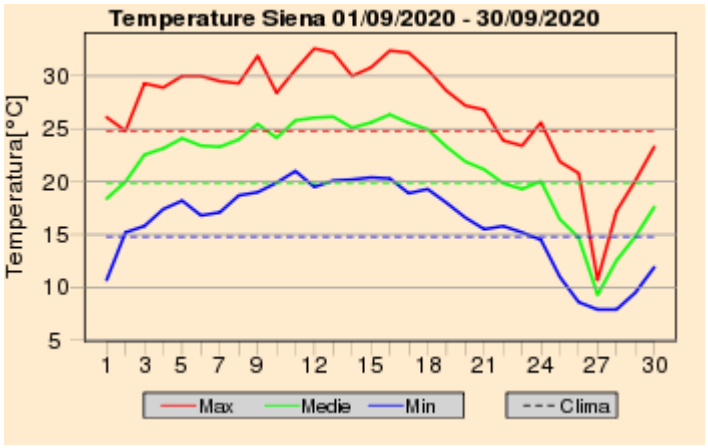

Temperature Lucca 01/09/2020 - 30/09/2020
Temperatura[°C]
Max
Medie
Min
Clima


Temperature MassaCarrara 01/09/2020 - 30/09/2020
Temperatura[°C]
Max
Medie
Min
Clima

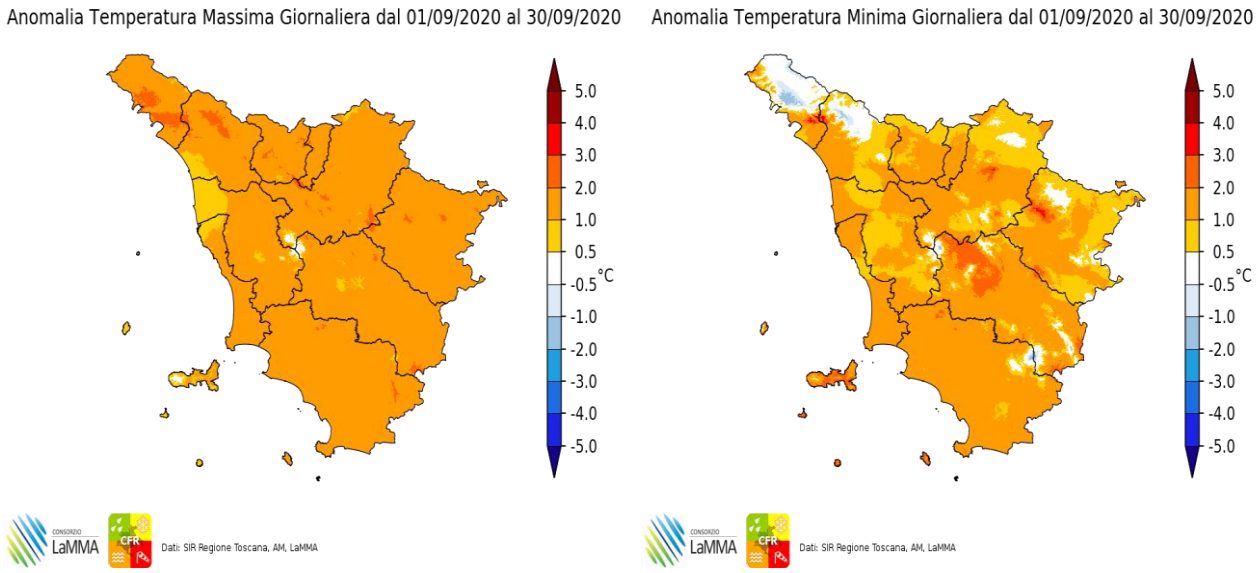

Temperature Pisa 01/09/2020 - 30/09/2020
Temperatura[°C]
Max
Medie
Min
Clima


Temperature Prato 01/09/2020 - 30/09/2020
Temperatura[°C]
Max
Medie
Min
Clima

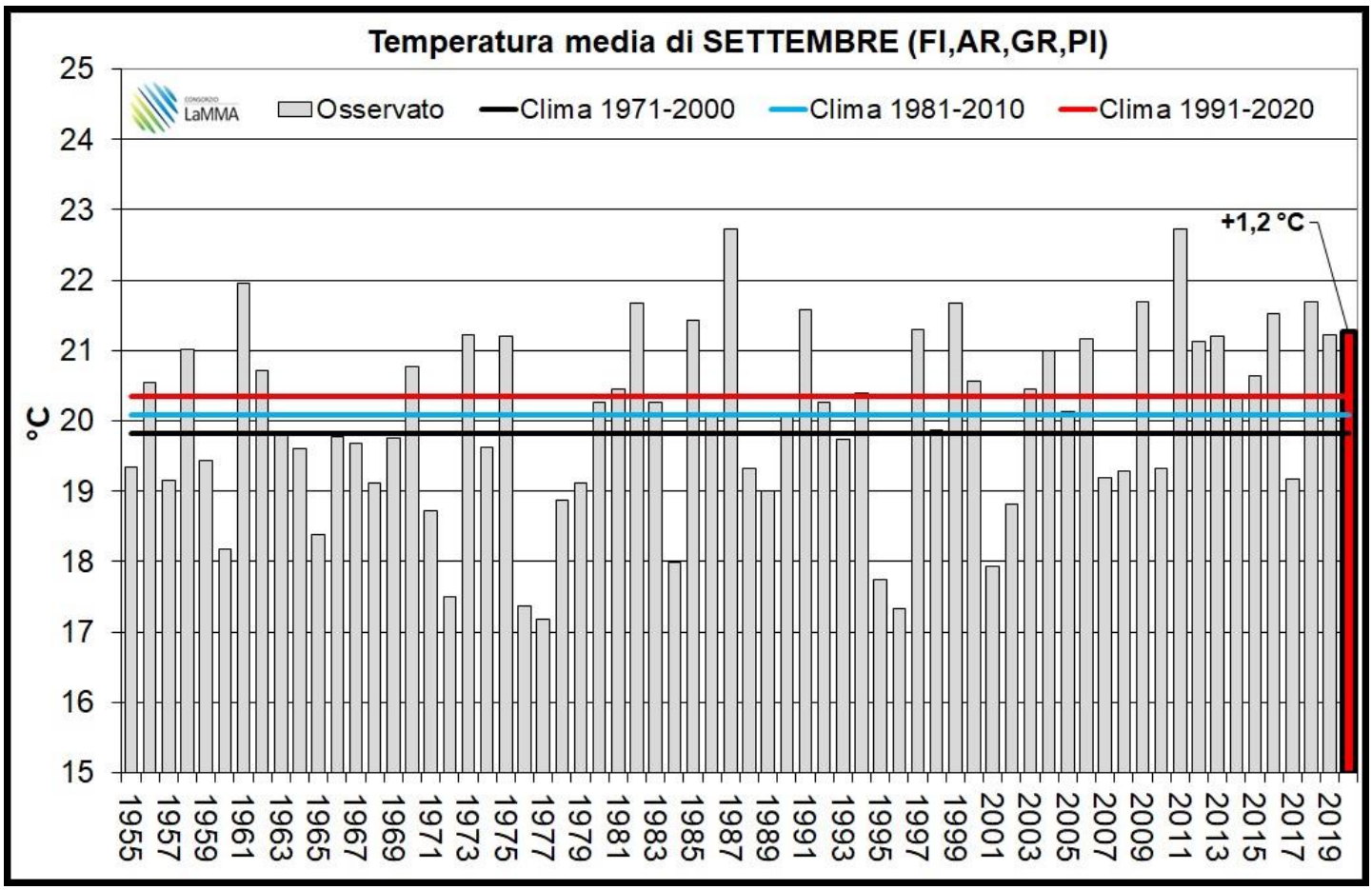

Temperature Pistoia 01/09/2020 - 30/09/2020
Temperatura[°C]
Max
Medie
Min
Clima


Temperature Siena 01/09/2020 - 30/09/2020
Temperatura[°C]
Max
Medie
Min
Clima

Quadro regionale – Anomalie termiche



Anomalia termica mensile per le temperature massime e minime giornaliere



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