

## Cold front spreads rain over coffee-producing areas in south-central Brazil

### Current Weather (13-10)

	PAR	SSP	AMOG	BMOG	SMG1	SMG2	CER	ZM	NES	SES	BA
MN	19	SI	SI	SI	SI	SI	SI	SI	SI	SI	SI
MX*	24	25	33	33	33	30	33	27	29	25	30

Unchecked data from airport reports

#### Next five days:

A cold front was advancing across the ocean in a more intense and organized manner and is expected to bring rain in the form of showers, albeit more scattered, over the coffee-producing areas of the center-south of the country. This Monday, rainfall volumes are expected to be even more significant over Paraná, where more than 50 mm of rain could fall in the producing areas of the northern part of the state, while in São Paulo and southern Minas Gerais, showers are expected to arrive more isolatedly, but with volumes ranging from 10 to 20 mm throughout the day. On Tuesday, rainfall is expected to become more widespread over the Alta Mogiana region of São Paulo, Minas Gerais, Rio de Janeiro, and Espírito Santo, with moderate volumes expected to reach around 30 mm in the most affected areas. This cold front will be swift, so instability will ease in most producing areas starting Wednesday. Areas between Espírito Santo and southern Bahia are expected to continue receiving more significant rainfall through Thursday. As this system advances, temperatures tend to become milder over most coffee-producing areas throughout the week.

### Weather/RainFall(mm) in Coffee regions

Region	13-10	14-10	15-10	16-10	17-10
PAR	CH-14	CC-0	PN-0	NB-0	NB-0
SSP	PC-28	PN-0	PN-0	PN-0	PC-2
AMOG	PC-8	PC-4	PN-0	PN-0	PC-2
BMOG	CH-19	PC-5	PN-0	PC-2	PC-6
SMG1	PC-8	PC-2	PN-0	PC-2	PC-5
SMG2	PC-2	PC-7	PC-2	PC-4	PC-8
CER	PC-3	PC-3	PN-0	PN-0	PN-0
ZM	PC-7	PC-14	CH-17	PC-2	PN-0
NES	PC-2	PC-1	PC-3	PN-0	PN-0
SES	PN-0	PC-4	CH-12	PN-0	PN-0
BA	PN-0	PN-0	PN-0	PN-0	PN-0

CC ==> Sky Clear; NB ==> Cloudy; PN ==> Partly Cloudy; EN ==> Overcast; PC ==> Showers; PI ==> Scattered Showers; CV ==> Drizzle; CH ==> Rain

Legend: PAR - Londrina-PR; SSP - Marília-SP; AMOG - Franca-SP; BMOG - Itapira-SP; SMG1 - São Sebastião do Paraíso-MG; SMG2 - Varginha-MG; CER - Patrocínio-MG; ZM - Manhuaçu-MG; NES - São Mateus-ES; SES - Santa Teresa-ES; BA - Vitória da Conquista-BA

## Lows Temp/Frost Probability

Region	13-10	14-10	15-10	16-10	17-10
PAR	18-NO	16-NO	17-NO	18-NO	20-NO
SSP	18-NO	18-NO	18-NO	19-NO	20-NO
AMOG	18-NO	18-NO	19-NO	20-NO	20-NO
BMOG	19-NO	19-NO	18-NO	19-NO	20-NO
SMG1	18-NO	17-NO	18-NO	19-NO	19-NO
SMG2	18-NO	17-NO	16-NO	17-NO	18-NO
CER	20-NO	19-NO	19-NO	20-NO	20-NO
ZM	18-NO	19-NO	19-NO	18-NO	17-NO
NES	22-NO	23-NO	23-NO	22-NO	22-NO
SES	18-NO	18-NO	18-NO	17-NO	16-NO
BA	16-NO	16-NO	16-NO	15-NO	15-NO

NO ==> No Frost; LOW ==>Low Probability; HIGH ==> High Probability; WARN ==> Warning

## Observed daily rainfall and Total/Normal in the October

Region	10-10	11-10	12-10	Total	Média	Desvio(%)
PAR	0	0	26	52	140	-62
SSP	3	1	2	6	102	-94
AMOG	4	1	1	7	161	-96
BMOG	2	12	0	25	133	-81
SMG1	7	0	0	9	148	-94
SMG2	5	1	0	18	114	-84
CER	0	0	0	3	105	-98
ZM	0	0	0	0	96	-100
NES	2	0	1	23	115	-80
SES	0	0	0	10	114	-91
BA	0	0	0	4	46	-91

Attention: Each data above is the accumulated rainfall in the last 24 hours, collected from official meteorological stations, at 12:00 GMT (9:00 am local time) of the day.  
That values are interpolated to a grid point format, and indicates the mean rainfall of each region.

### Extended Forecast:

Next weekend, a new cold front will bring even more significant rainfall to the coffee-growing regions of the center-south. On Saturday, more widespread and heavy rains are expected over São Paulo and southern Minas Gerais, and some areas may receive 50 to 70 mm of rainfall in one day. This rain may cause occasional disruptions, but it will ensure greater soil moisture homogeneity. On Sunday, the rain will advance to the northernmost areas, reaching most of the interior of Minas Gerais and even Espírito Santo.

By Nadiara Pereira, Meteorologist