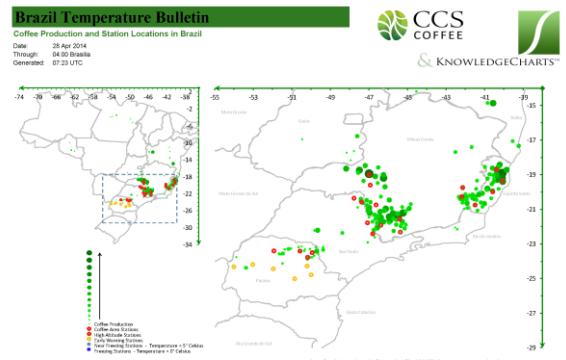


Complete Commodity Solutions (CCS) & KnowledgeCharts™ (KC) will continue to collaborate to deliver prompt temperature reports during Brazil's May-September coffee freeze season. This early-morning bulletin warns coffee traders who lack local observers in Brazil and provides backup if local observers are not available.

This product was first developed and tested in 2012, and was offered to subscribers in 2013 and 2014. Our clients have reported that it was very useful.

The Brazil Temperature Bulletin arrives twice every morning via email prior to 8.30 a.m. UK time, 45 minutes before the ICE Arabica market opens. The bulletin shows temperature reports through 8.00 a.m. UK time (4.00 a.m. in Brazil). When any temperature falls to 2°C or less, updates follow every hour until 8.00 a.m. Brazil time. The bulletin is a table of temperatures at key stations and a map that shows locations of stations, coffee areas, and temperatures. An example appears below. To see the original, click on the images.

Coffee Area Stations		Temperatures reported for preceding hour													
State	Name	Alt. (m)	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00
ES	ALEGRE	104	25.2	23.9	19.3	19.1	18.9	18.9	18.2	18.1	17.9	17.1	16.6	17.3	17.6
ES	UNIVERS	140	25.5	23.7	20.2	20.0	21.1	20.8	20.9	20.8	19.9	19.5	18.9	18.8	18.6
ES	NOVA VENÉZIA	184	28.7	24.6	20.3	21.4	20.3	20.4	19.8	20.0	19.1	18.6	18.9	18.3	18.3
ES	SANTA TERESA	688	17.1	16.6	16.2	14.4	14.0	14.0	13.5	13.5	13.0	12.6	12.7	12.5	12.7
MG	ARAXÁ	975	24.1	23.8	22.6	20.9	20.1	19.8	17.9	17.5	17.1	16.9	16.8	16.1	15.4
MG	CARVALO	419	25.4	24.6	22.0	21.0	20.9	19.9	19.4	17.6	16.9	16.6	16.0	16.0	15.0
MG	MANTUQUÁ	836	21.7	20.8	19.3	18.1	18.4	14.0	14.3	13.9	13.4	12.5	12.5	12.3	11.3
MG	PARANÁ	475	24.4	24.4	19.0	18.6	18.1	15.1	14.1	13.9	12.5	12.2	12.7	12.7	12.6
MG	PATROCÍNIO	685	25.3	24.1	20.5	17.3	16.2	15.0	13.9	14.5	14.4	14.2	14.2	13.4	12.9
MG	VARZEA	622	22.3	21.9	18.2	17.6	16.4	15.3	15.1	15.5	14.5	13.7	13.7	11.4	11.4
PR	BATI	630	19.9	19.3	17.4	16.5	15.8	15.9	15.9	15.6	15.4	15.1	15.0	12.8	12.8
PR	SOMALIM TAVARA	523	21.4	21.3	18.6	18.3	18.2	14.9	15.7	16.0	15.6	15.4	15.2	13.6	14.0
PR	MARINGÁ	942	23.5	23.1	22.2	20.8	20.0	18.7	18.0	17.7	17.0	16.1	15.9	15.8	14.9
PR	NOVA FETIMA	1043	17.4	17.3	16.9	16.9	16.9	16.9	16.9	14.8	13.1	12.4	12.3	12.0	12.3
SP	CASA BRANCA	730	22.5	23.2	20.0	19.0	17.8	16.9	15.7	15.1	13.9	13.5	12.6	12.1	11.8
SP	BRINCA	1043	17.4	17.3	16.9	16.9	16.9	16.9	16.9	16.9	14.8	13.1	12.4	12.3	12.0
SP	ITAPISA	630	24.7	23.1	20.8	18.7	17.9	16.3	15.0	14.0	13.3	12.7	12.1	11.8	11.8
SP	ESTRELA	600	27.7	26.7	22.0	19.5	17.7	16.1	15.1	15.0	14.9	13.2	12.6	12.3	12.8
MT	CALONS	1000	21.1	22.1	18.3	18.6	15.0	n/a	n/a	12.4	n/a	8.1	7.3	7.1	7.1
MT	MARÁ DA FÉ	1268	19.9	18.6	12.0	10.6	9.7	9.5	8.7	9.0	8.6	8.0	7.3	6.8	6.4



The bulletin follows temperatures at 26 national stations in Espírito Santo, Minas Gerais, Sao Paulo, and Parana states. Eighteen stations ('Coffee Area Stations') are located close enough to provide a useful guide to temperatures in coffee growing areas. Eight stations lie at higher altitudes or further south than most coffee farms. Because they may provide early warnings, they appear in the table and map.

The price of the temperature bulletin for the 2015 frost season is \$750 per company. To subscribe, for more information, or for an obligation-free trial during May, contact [info@commodity-solutions.com](mailto:info@commodity-solutions.com) or [coffee.report@knowledgecharts.com](mailto:coffee.report@knowledgecharts.com).

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CCS and KC collect public, non-proprietary reports from the National Institute of Meteorology of Brazil (INMET). INMET reports sometimes are not available. When INMET reports are not available, bulletins are incomplete and display "n/a". CCS and KC cannot prevent and are not responsible for failures of Brazilian government agencies, staff, websites or products.

To provide reliability in its own systems, KnowledgeCharts™ has located primary and secondary servers in different local power grids and with different local internet connections. CCS and KnowledgeCharts™ monitor the servers and provide manual backup in emergencies. While CCS and KnowledgeCharts™ work to maintain a very reliable service, they cannot guarantee that delivery failures of the Brazil Temperature Bulletin will not occur.

Freezing temperatures at weather stations in Brazil may not indicate freezing conditions on coffee farms, and weather stations may fail to indicate freezing conditions on farms. CCS and KnowledgeCharts™ are not responsible for the trading decisions of its clients.