

Mid-Day Brazil Coffee Weather Update; Little Change For Cold

By Drew Lerner

Kansas City, July 1 (World Weather Inc.) – Today’s mid-day GFS model update for South America maintained this morning’s cool weather outlook for the coming weekend. Frost potential remains for northern Parana and southwestern Sao Paulo production areas with some potential for similar conditions in the traditionally coldest coffee production areas in southern Sul de Minas. However, [World Weather, Inc. does not believe there is much potential for serious crop damaging cold in Sul de Minas or northeastern Sao Paulo. Some frost in Sul de Minas cannot be ruled out yet.](#)

Today’s mid-day GFS model run weakened the surface high pressure center expected over southern Parana and Santa Catarina this weekend. The weaker surface high pressure center suggests less intensive cold. However, the trough of low pressure associated with the cold surge was shifted a little farther to the northwest. The change is subtle, but by shifting the trough a little farther northwest the surface high pressure center becomes better located to send a little more cool air into the coffee areas.

With that said, there is still no reinforcing shot of cold air coming into the back side of this trough of low pressure until the system moves far from the coast. Typically, frost and freeze events of significance usually are associated with two waves of cold with the second wave reinforcing the first wave. The current forecast has the second wave of cold too far off the coast of Brazil to have influence on coffee areas. That makes Saturday and Sunday coldest for coffee areas and without a reinforcing shot of cold from the Antarctic there is potential the airmass may moderate.

[The official forecast has not changed at mid-day today. World Weather, Inc. expects low temperatures of 2 to 6 in northern Parana and Sao Paulo Saturday and Sunday mornings. Similar temperatures will occur in the traditionally coldest areas of southern Sul de Minas.](#) The close proximity of northern Parana and southern Sao Paulo the expected surface high pressure center does leave the potential relatively good for at least “some” frost in those areas and temperatures may be lowered if the surface high pressure becomes more intense. [It is still debatable how much of the cold will reach into northeastern Sao Paulo and southern Sul de Minas. The situation needs to be closely monitored, but with the event still five to six days away there is plenty time for change.](#)

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