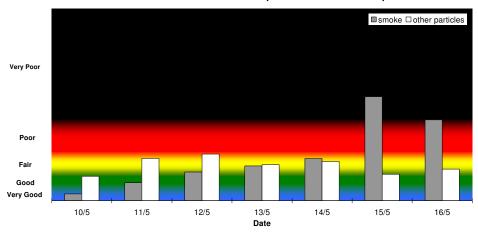
SmokeWatch Weekly Graphs - 2010

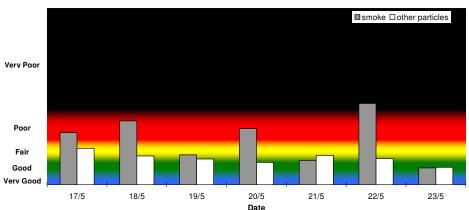
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



This graph shows that smoke dominates the particle pollution measured on 14, 15 and 16 May. This was likely due to calm conditions allowing smoke to build up. The "other particles" column refers to those particles not typically associated with smoke.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

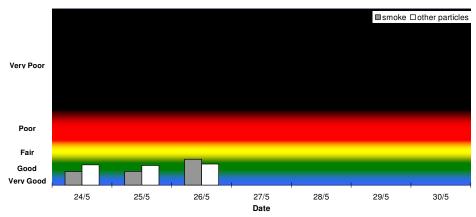
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Date
This graph shows smoke reached the poor level on 17, 18 and 20 May and very poor on 22 May. Elevated levels of smoke were typically measured overnight on these days and occurred during low wind speed conditions. "Other particles" refers to those particles not typically associated with smoke.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

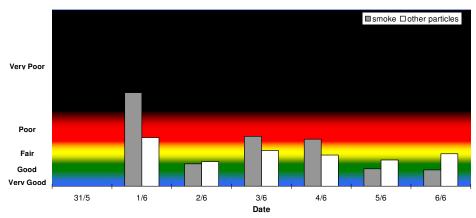
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Air quality was generally good on 24, 25 and 26 May and during this time there was a consistent gentle breeze not allowing smoke to build up. Data for the rest of the week was not collected due to technical issues with the equipment, currently being resolved.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

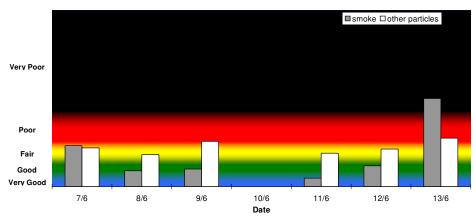
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Smoke dominated particle levels on 1, 3, and 4 June and smoke levels were at their highest overnight when the weather conditions were calm. Data for 31 May were not collected in full due to technical issues with the equipment that were resolved on 1 June.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

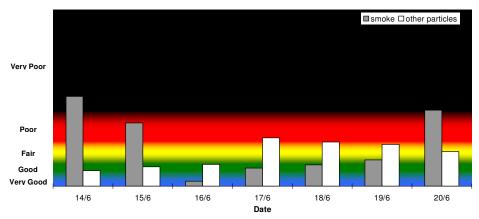
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Smoke dominated particle levels on 13 June and smoke levels were at their highest overnight when the weather conditions were calm. Data for 10 June were not collected in full due to technical issues with the equipment that were resolved on 11 June.

For more information visit https://www.epa.sa.gov.au/smokewatch_mg

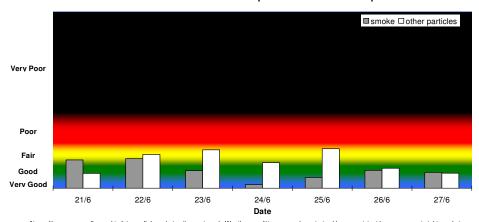
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Smoke dominated particle levels on 14, 15 and 20 June and smoke levels were at their highest typically around 11pm. These days were characterised by calm conditions and cold temperatures overnight resulting in high particle concentrations.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

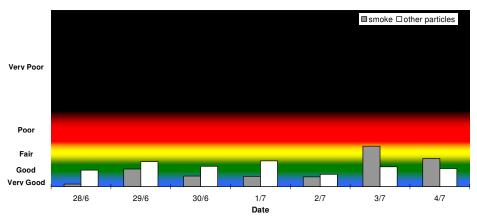
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Air quality was generally good to fair on all days during the past week. Weather conditions were characterised by a consistent breeze on most nights and stronger breezes during the days which limited smoke build up.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

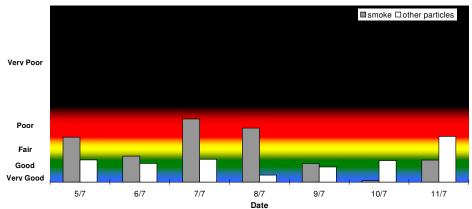
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Air Quality was generally good on most days this week, however smoke dominated particles levels on 3 and 4 July. Calm conditions were measured from early evening until midnight on both of the days where smoke levels were higher than other particles.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles

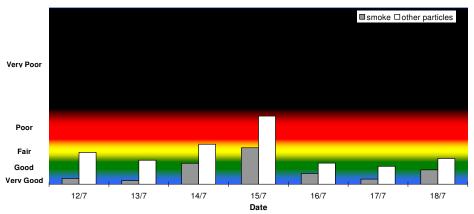


Date

Smoke dominated particles levels on 5, 7, and 8 July at the same time calm conditions were measured during the night. Strong winds and higher temperatures were measured overnight on 9, 10 and 11 July. The stronger winds late in this week are associated with higher levels of "other particles".

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

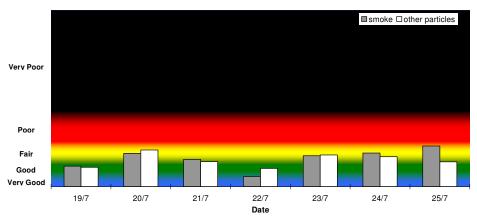
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Air quality was generally fair to good on most days this week. Warmer conditions overnight during the week may have resulted in a lower use of wood heaters in the region.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

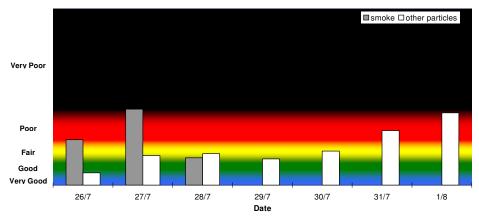
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Air quality was good to fair on all days this week. Mt Gambier experienced generally warmer overnight conditions this week, with less extended calm wind periods than EPA recorded earlier in the winter months. These conditions reduce the build-up of smoke.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

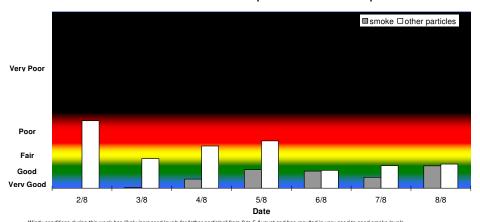
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Calm weather conditions allowed the build up of smoke in the region on 26 and 27 July. Higher wind speeds were measured from 29 July onwards being the likely cause of the increase in "other particles" measured. Monitoring for smoke was not measured due to equipment failure late on 28 July.

For more information visit https://www.epa.sa.gov.au/smokewatch_mg

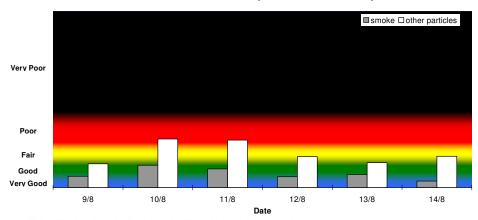
Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Windy conditions during this week has likely increased levels for "other particles" from 2 to 5 August and has resulted in very good to good smoke levels. Smoke monitoring data for 2 August was only partially collected after repairs to failed equipment.

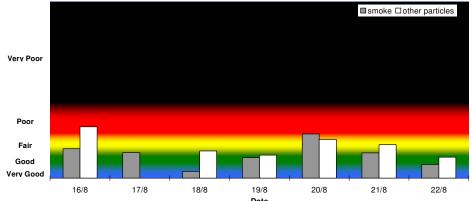
For more information visit http://www.epa.sa.gov.au/smokewatch_mg

Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



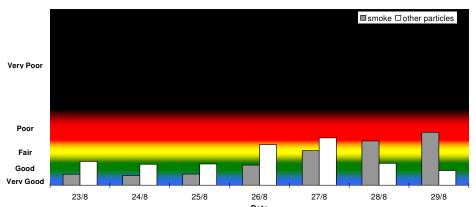
Windy conditions during this week have lifted the levels of wind blown particles, resulting in increased levels for "other particles" on 10 and 11 August. These weather conditions also disperse smoke shown by "good" to "very good" smoke levels across the week. For more information visit http://www.epa.es.agov.au/smokewatch_mg

Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Smoke and other particle levels were variable this week due to changes in wind direction and cold, calm conditions. Instrument failure occurred for "other particles" on the 17 August. For more information visit http://www.epa.sa.gov.au/smokewatch_mg

Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles

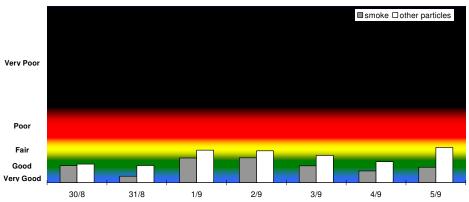


Date

Smoke levels increased progressively during the week as weather conditions eased. A marked change was noticed with the levels of other particles most likely due to the subsidence of windy conditions. Both of 28 and 29 August had more calm events particularly around the afternoon to early evening.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles

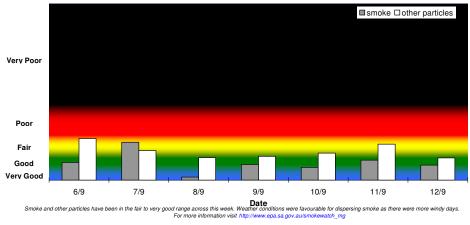


Date

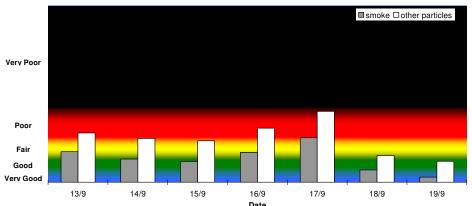
Smoke and other particles have been in the fair to very good range across this week. Weather conditions were favourable for dispersing smoke due to a reduced number of calm wind events. Rain also limited increases in other particle levels across this period.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



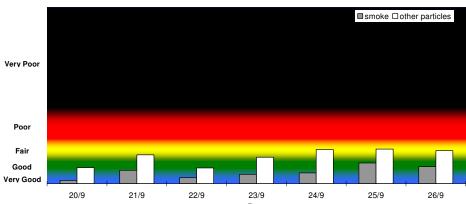
Date

Smoke and other particles ranged from very good to poor across this week. Cool conditions on the 13th, 16th and 17th may have resulted in an increased use of wood heaters in the region.

Rainy conditions on the 18th and 19th are likely to have removed smoke and other particles from the region.

For more information visit http://www.epa.sa.gov.au/smokewatch_mg

Mt Gambier SmokeWatch 2010 - Impact of smoke and other particles



Date
Smoke and other particles were in the "fair" to "very good" range due to higher wind speeds and warmer temperatures in general across the week.
The SmokeWatch monitoring for 2010 ended on the 28th September and will begin again in May 2011.
For more information visit http://www.epa.sa.gov.au/smokewatch_mg