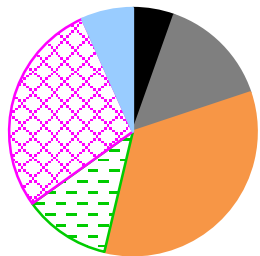


Stronger impacts of agricultural fires



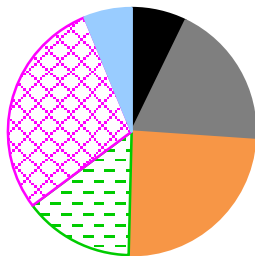
2018–2019 campaign

$(\text{PM}_{2.5})^* = 55.39$



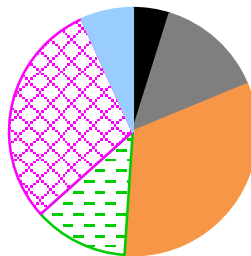
LG/OC < 1.5%

$(\text{PM}_{2.5})^* = 41.43$



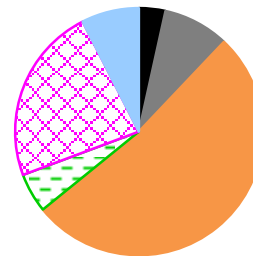
1.5% < LG/OC < 3%

$(\text{PM}_{2.5})^* = 60.20$



LG/OC > 3%

$(\text{PM}_{2.5})^* = 99.49$



EC

$\text{OA}_{\text{non-BB}}$

OA_{BB}

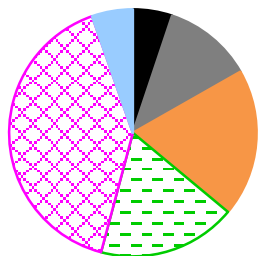
OA_{sec}

SNA

Other ions

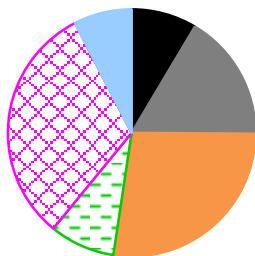
2019–2020 campaign

$(\text{PM}_{2.5})^* = 67.40$



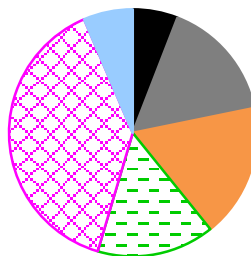
RH < 60%

$(\text{PM}_{2.5})^* = 23.76$



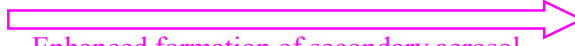
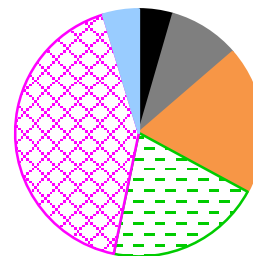
60% < RH < 80%

$(\text{PM}_{2.5})^* = 43.87$



RH > 80%

$(\text{PM}_{2.5})^* = 114.98$



Enhanced formation of secondary aerosol