

# Movie Captions

- Movie 1 Initial development of the plume silhouette for Series C and  $Ro \approx 0.12$  ( $\Omega = 0.3$ ). The plume still possesses a conical shape for  $\Omega t = 1.8$  with the maximum plume width located close to the plume front. A downflow around the plume edges starts to occur at around  $\Omega t \approx 2.4$ . For  $\Omega t \approx 3.6$ , the plume shape becomes more cylindrical with a uniform width.