

Track data



Preprocess

Remove  
asymmetry  
component  
from  $V_{\max}$

Track  
data



Stage 1

Parametric  
profile  
model

Gradient wind  
and pressure  
fields



Stage 2

Numerical  
boundary  
layer  
model

Surface wind  
fields



Post-process

Add  
asymmetry  
component  
to windfields



Footprint