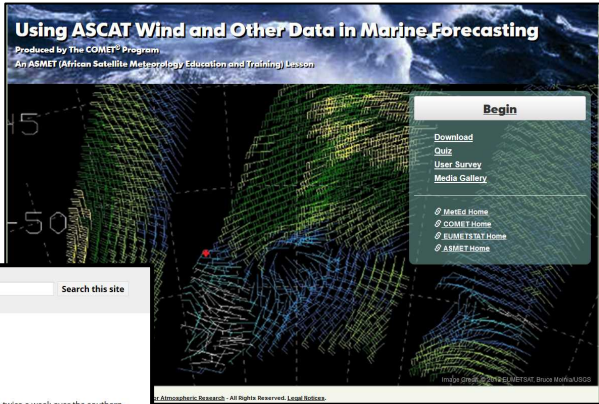


CoE: SOUTH AFRICA (South African Weather Service)

- 👍 Conceptual Models for Southern Hemisphere (Phase II)
- 👍 ASMET 8
- 👍 EUMETSAT Satellite Workshop (MSG)
- 👍 EUMETSAT Marine Workshop
- 👍 EUMETSAT Climate Workshop
- 👍 Monthly online Weather Briefings



Conceptual Models for Southern Hemisphere

South Africa >

South African Cold Fronts

Cold fronts are most common during the winter over South Africa. Cold fronts pass once to twice a week over the southern part of South Africa displacing the surface high pressure systems and their associated stable weather conditions that normally dominate the interior. Most of the frontal depressions are rooted south of 40 degrees south. Due to the fact that the southernmost point of South Africa is located at 35 S the country is not directly affected by the passage of a warm front. The upper air troughs associated with these cold fronts normally occur 5 to 10 degrees of longitude to the west of the surface cold front. On occasions these upper air trough can develop into cut-off lows. For more information on Cut-off lows over South Africa refer to the Cut-off low conceptual model



Challenges faced:
Network and Firewall Issues (Saba Centra, Google Docs)
Staff numbers



FUTURE INTERNATIONAL COLLABORATIONS
ASMET 9
AMF Blended learning course
Satellite training courses (MTG)

MTG Training
MESA/PUMA2015

Conceptual Models for South Africa 

WHAT'S NEXT?