New Product considerations for integrated SWFDP and SARFFG

Eugene Poolman

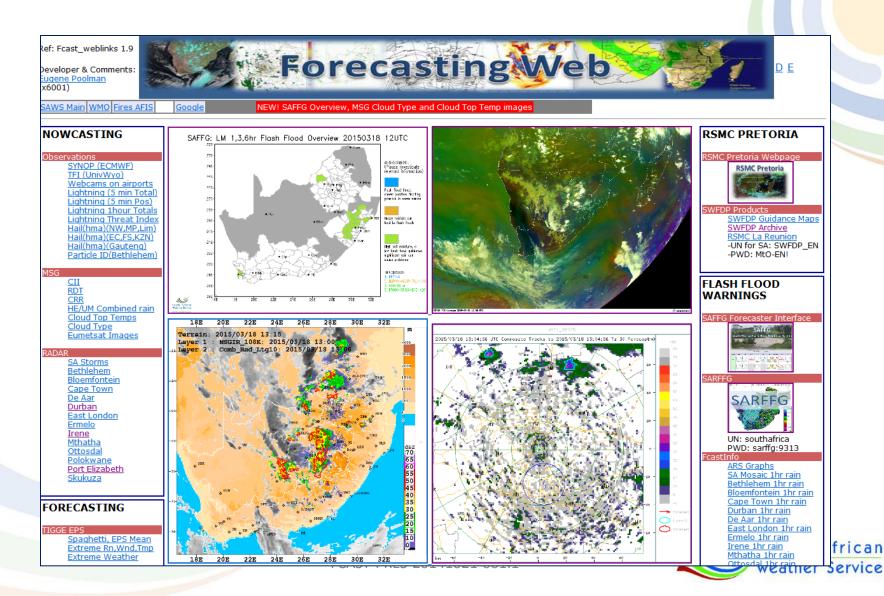
Chief Forecasting: Disaster Risk Reduction
South African Weather Service
RSMC Pretoria



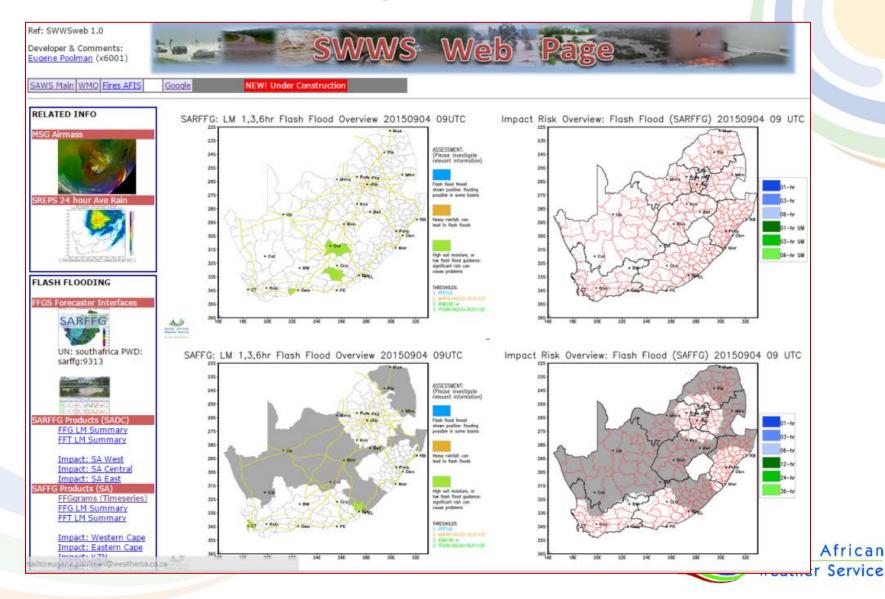
QUICK MAPS



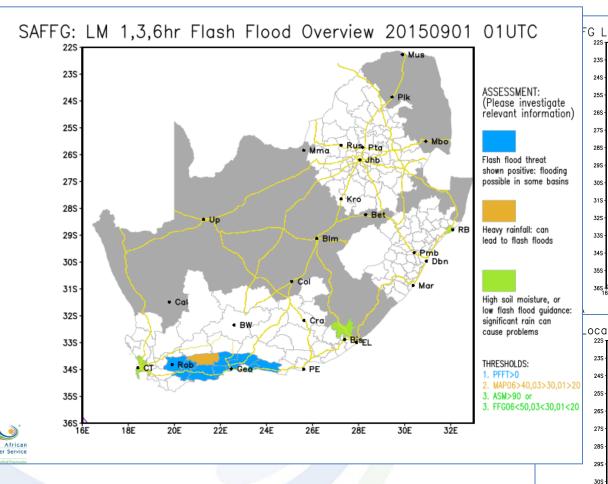
General Forecasting Interface

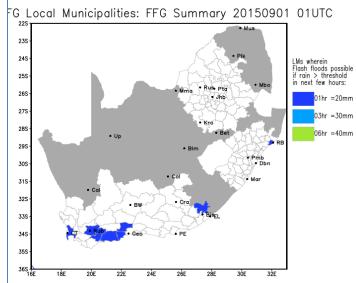


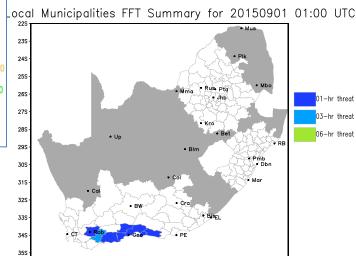
Quick Maps Dashboard



"Heads up" products for forecasters and disaster managers



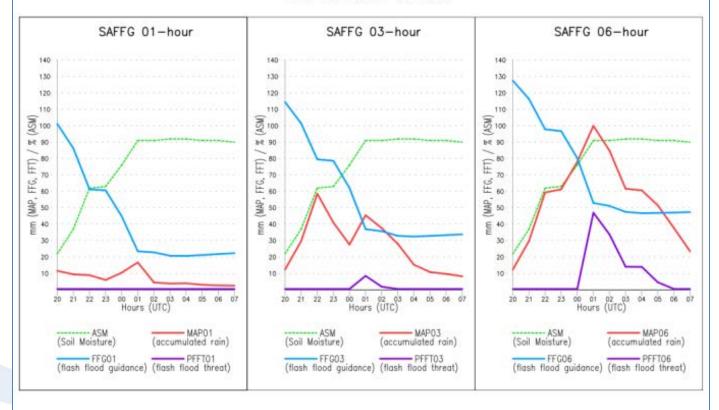




Impact Information



SAFFG FFGgram (Time Series)
Location: Grootbrakrivier (basin 2002001116)
Date: 20150901 07h UTC



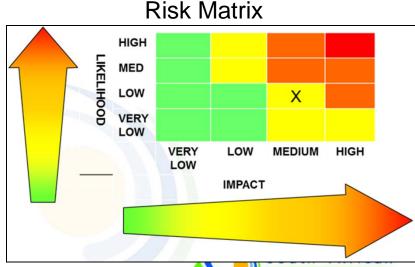
IMPACT-BASED FORECASTING SUPPORT PRODUCTS



Warning decision making process

- WMO initiative pilot in Mozambique, Myanmar
- Impact Risk Level warning based on a Risk Matrix
- Likelihood: weather forecasting issue
 - Based on weather forecasting systems (numerical models, radar, satellite, observations, etc.)
- Potential Impact: disaster risk issue
 - Determined by disaster managers and stakeholders based on vulnerability information at local levels
- Combination provide Risk Level in 4 colours

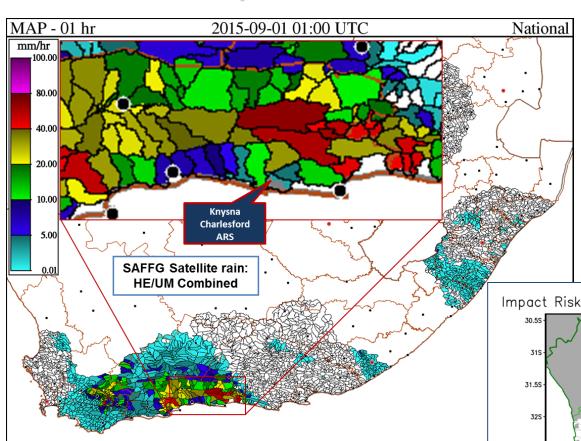




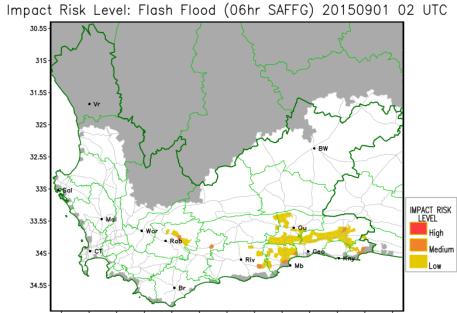
Weather Service

Impact-based Forecasting Info

FCAST-PRFS-201

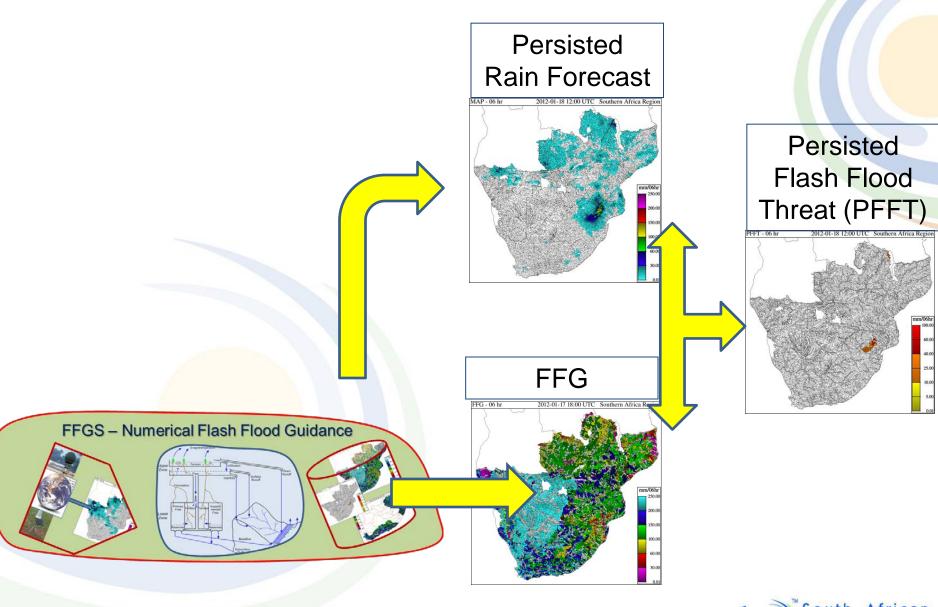


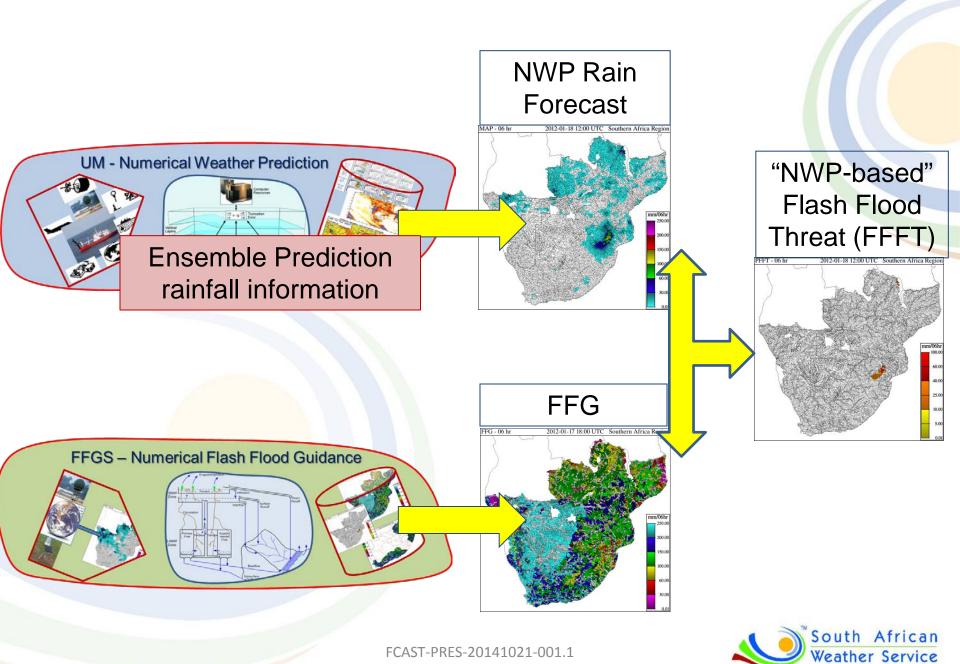
- 1 Sept 2015, Cape South Coast, Cut-off Low
- Various roads and bridges closed between Mossel Bay and Plettenberg Bay

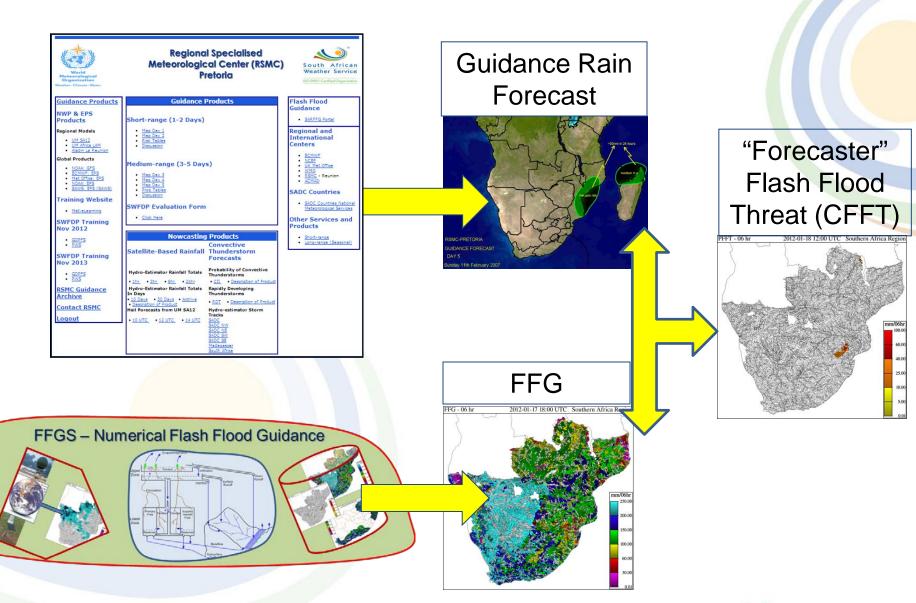


ENHANCING USE OF RAINFALL MAPS FROM SWFDP INTO SARFFG









Thank you

