



SAFFG Input: Real Time Observations

- Weather radar (national grid product – 15 min – several levels)
- Meteosat 8 channels (15-30 min)
- Lightning data (10min accum. every 5 min)
- Hourly surface precipitation from automated stations
- 5-min surface precipitation and weather from automated stations reported daily
- Daily precipitation (8:00am-8:00am) from other stations
- Streamflow and reservoir water levels from automated DWAF stations



SAFFG Input: Real Time Forecasts

- Unified Model (twice daily forecasts, hourly resolution, 12-km spatial resolution)
- Storm track (30-min projection, longer lead times in the future)
- GFS precipitation product
- Forecaster introduced forecast fields



Forecaster Real Time Modifications (MAPE, FMAP, FFG)

- Individual basin values
- User specified group of basins
 - Multiplier correction
 - Additive correction
 - File import

Note: Forecaster changes distribution means not dispersion information

