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Supplemental Material

Weather and Forecasting

Subseasonal Deterministic Prediction Skill of Low-Level Geopotential Height Affecting
Southern Africa

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Supplementary Material

3. Results and Discussion

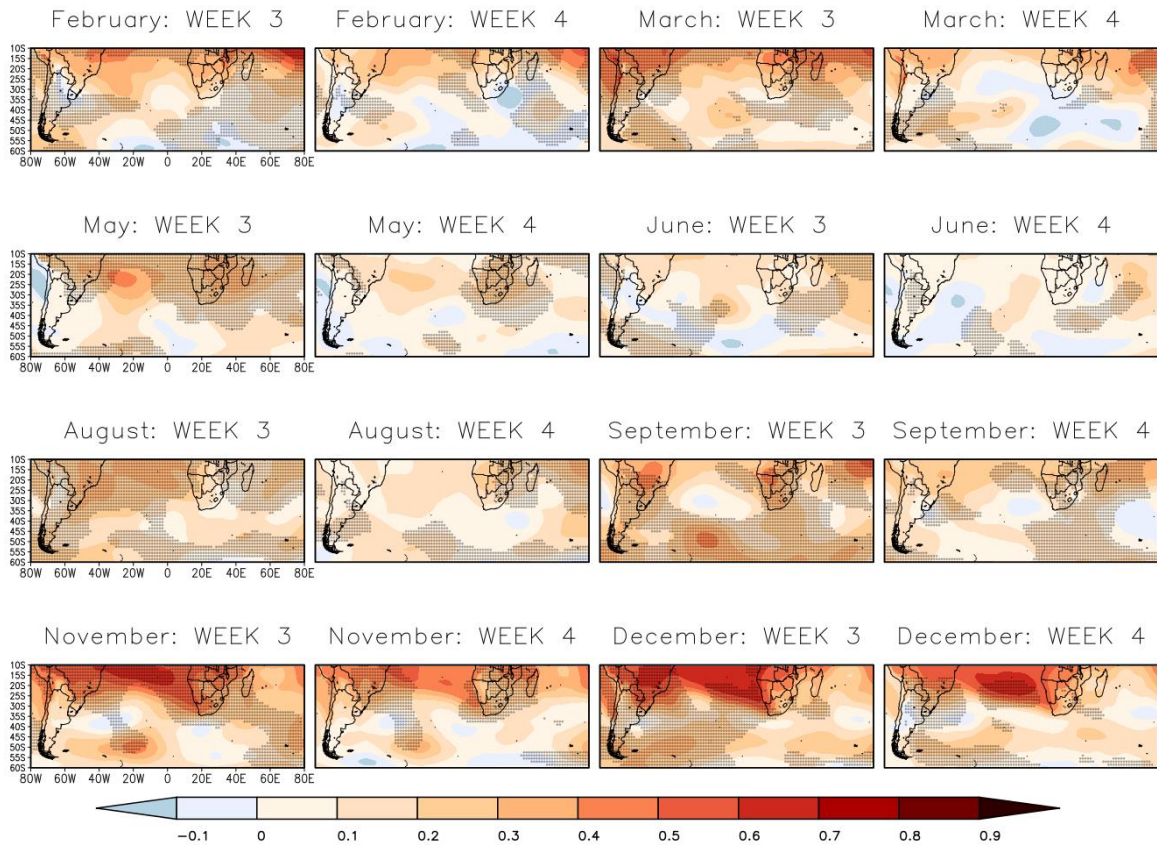


Figure S1: Weekly mean 850 hPa geopotential height correlation between NCEP CFSv2 forecasts and ERA-Interim for lead time in days corresponding to Week 3 and 4 for February, March, May, June, August, September, November and December. Crosses indicate where the forecasts outscore the persistence forecast.

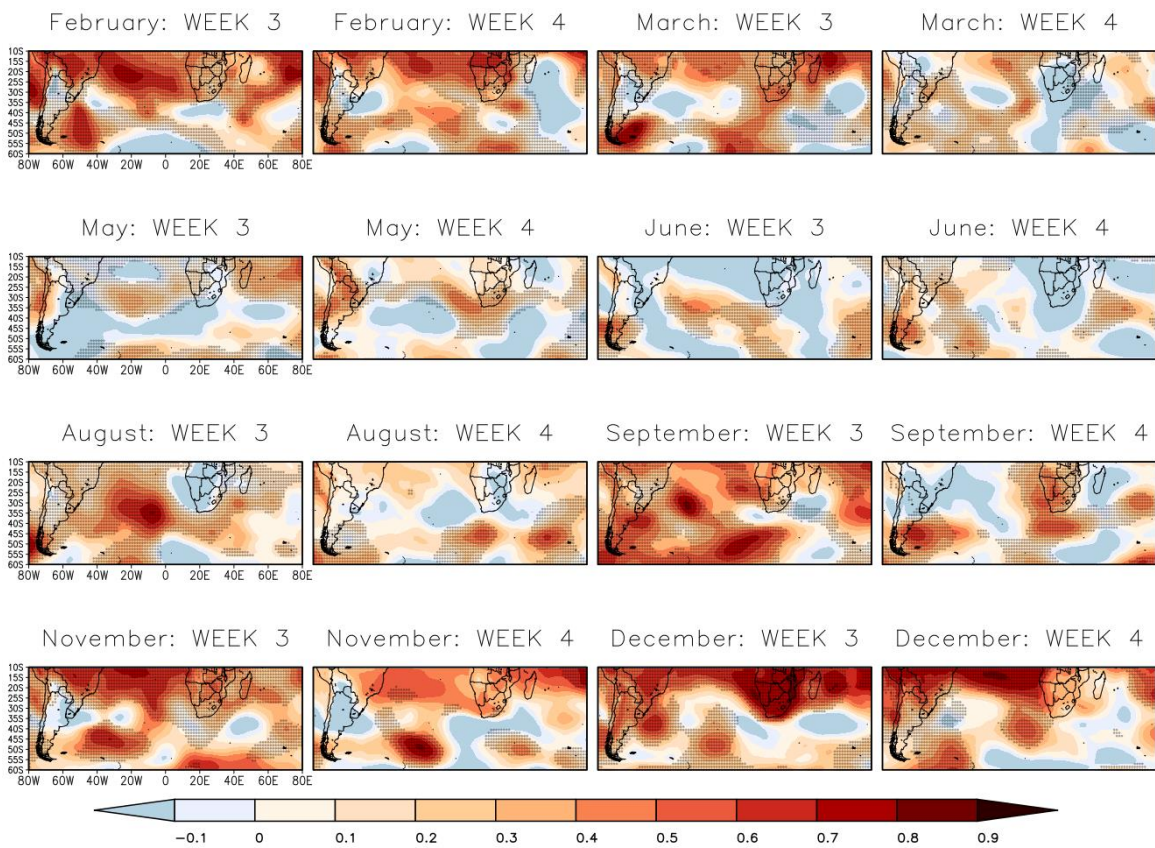


Figure S2: Weekly mean 850 hPa geopotential height correlation between ECMWF forecasts and ERA-Interim for lead time in days corresponding to Week 3 and 4 for February, March, May, June, August, September, November and December. Crosses indicate where the forecasts outscore the persistence forecast.

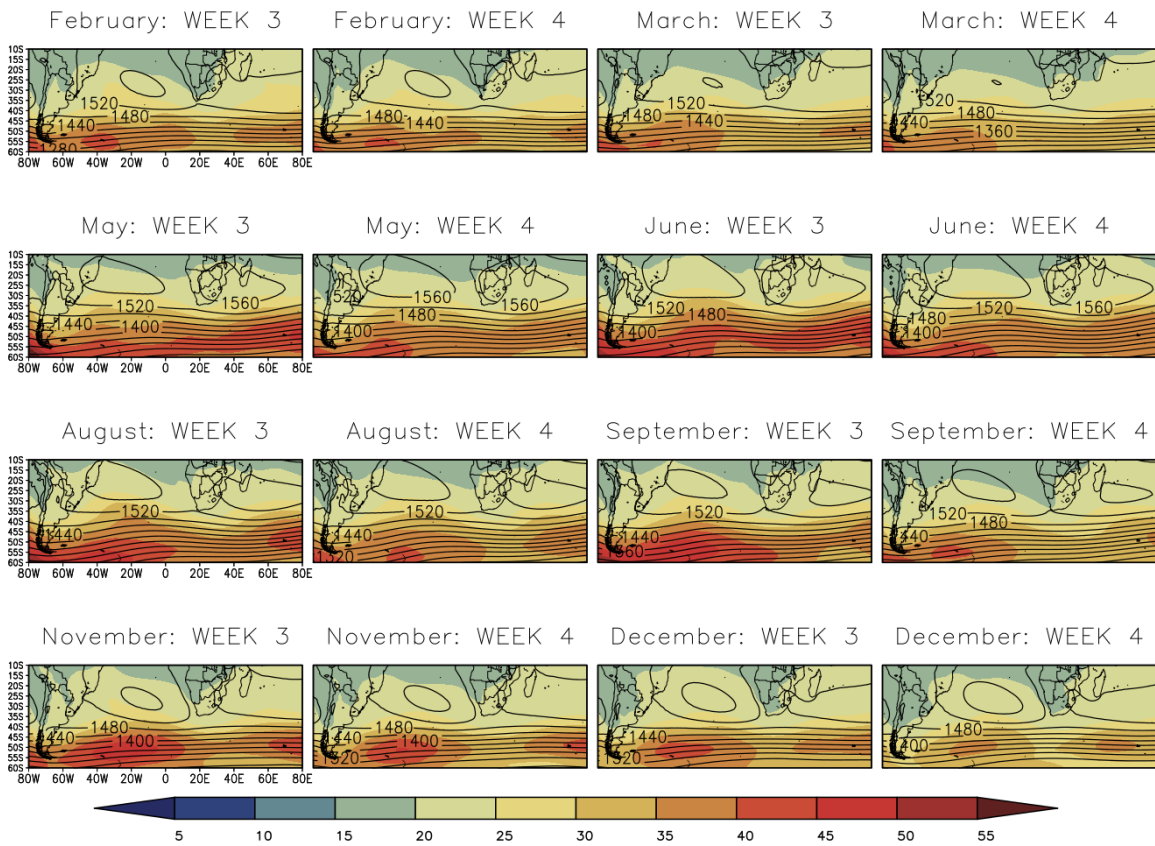


Figure S3: NCEP GFSv2 weekly mean climate of the 850 hPa geopotential height (contours) and the standard deviation (shaded colors) of the hindcasts corresponding to Week 3 and 4 for February, March, May, June, August, September, November and December.

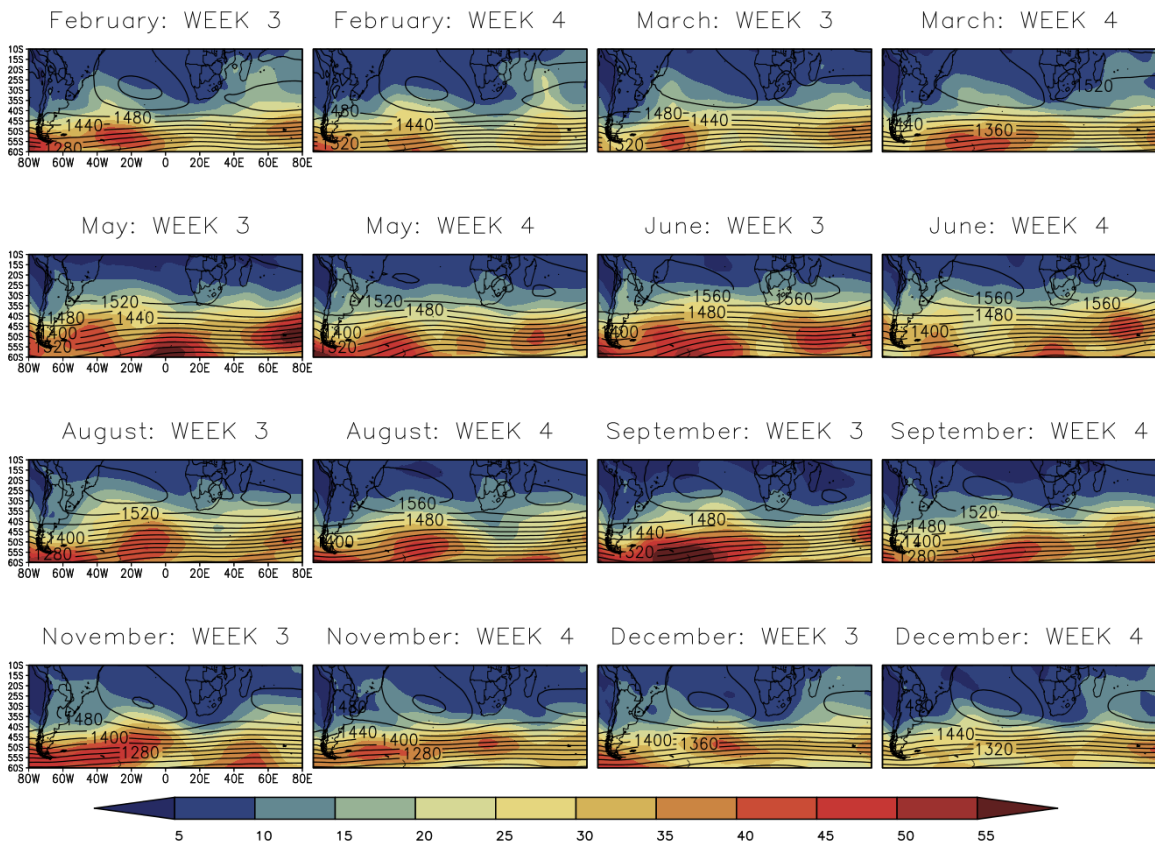


Figure S4: ECMWF weekly mean climate of the 850 hPa geopotential height (contours) and the standard deviation (shaded colors) of the hindcasts corresponding to Week 3 and 4 for February, March, May, June, August, September, November and December.