



## Seasonal precipitation predictions in Desert Locust winter/spring/summer breeding areas (March – August 2021)

FAO Desert Locust Information Service (DLIS) / World Climate Service (WCS)

issued 16 February 2021

Drier than normal conditions continue to be anticipated in the spring breeding areas of the Horn of Africa, the Arabian Peninsula, Iran/Pakistan, and northwest Africa during the next three months. Some rainfall may occur by the end of February in southern Ethiopia and northern Kenya that would allow current Desert Locust swarms to mature and breed in Kenya. However, previous predictions of rains for March and April have changed to drier conditions, which could limit breeding.

### Winter/spring breeding areas (March–June)

- Horn of Africa: mainly drier than normal
- Red Sea & Gulf of Aden: drier than normal

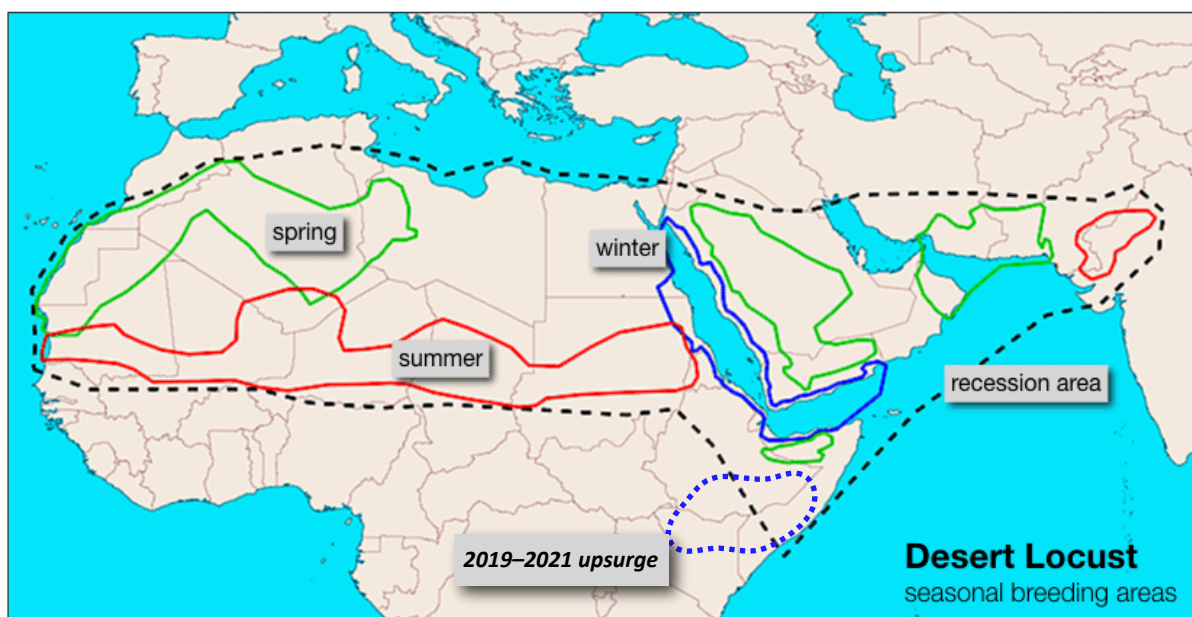
### Spring breeding areas (March–June)

- SW Asia: normal (March) in S Iran and SW Pakistan followed by drier than normal through June
- Central Region: drier than normal in the interior of the Arabian Peninsula
- Western Region: drier than normal south of the Atlas Mountains

### Summer breeding areas (June–August)

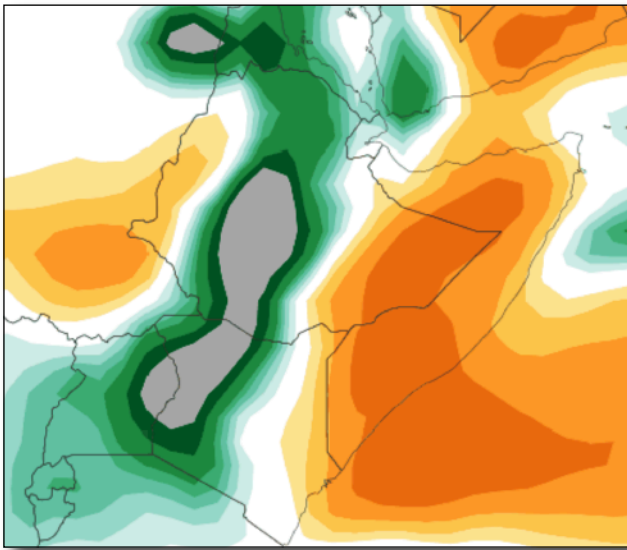
- W Africa / Sudan: early rains in Sudan (June); wetter than normal (July–August)
- Yemen interior: wetter than normal
- Indo–Pakistan: early rains (June), slightly wetter than normal (July), slightly drier than normal (August)

The latest seasonal precipitation predictions are derived from **six** models, CFSv2, ECMWF and Copernicus (CMCC, DWD, Météo-France, UKMO), provided by the World Climate Service (WCS). The more models, the better the overall forecast.

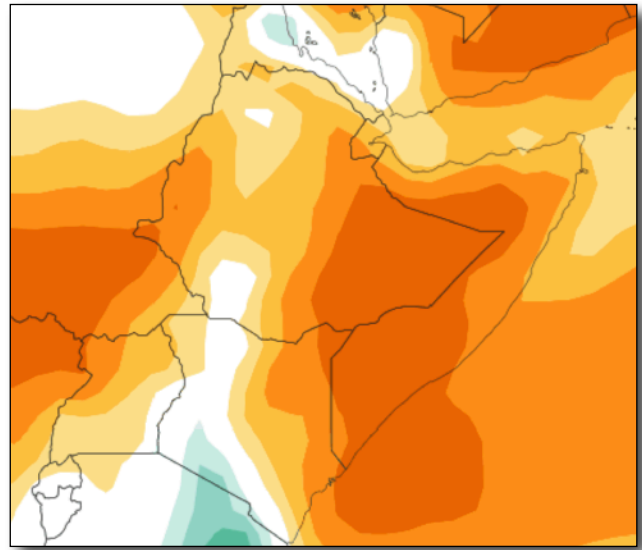


Please refer to the charts on the following pages. A value of 100 on the left axis indicates normal rainfall; values less than 100 indicates drier than normal conditions; more than 100 indicates wetter than normal. Little variation between models suggests greater confidence and reliability. An asterisk indicates most reliable in each month. When available, the historically best model for the region during the entire forecast is indicated in the caption.

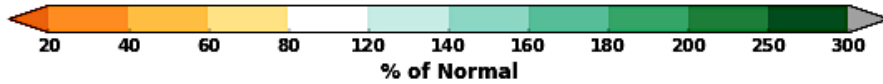
## Weekly predicted rainfall anomaly (Horn of Africa and Yemen)



17–23 February 2021



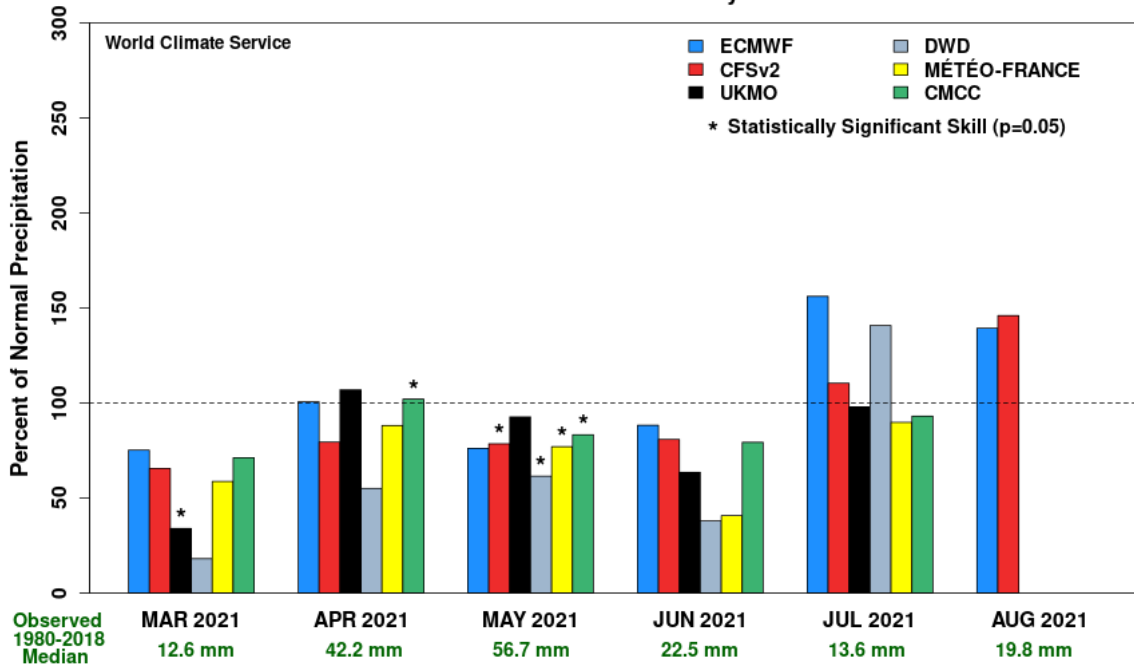
24 February – 2 March 2021



## Precipitation Forecast

### Spring/Summer Breeding Region (Horn of Africa)

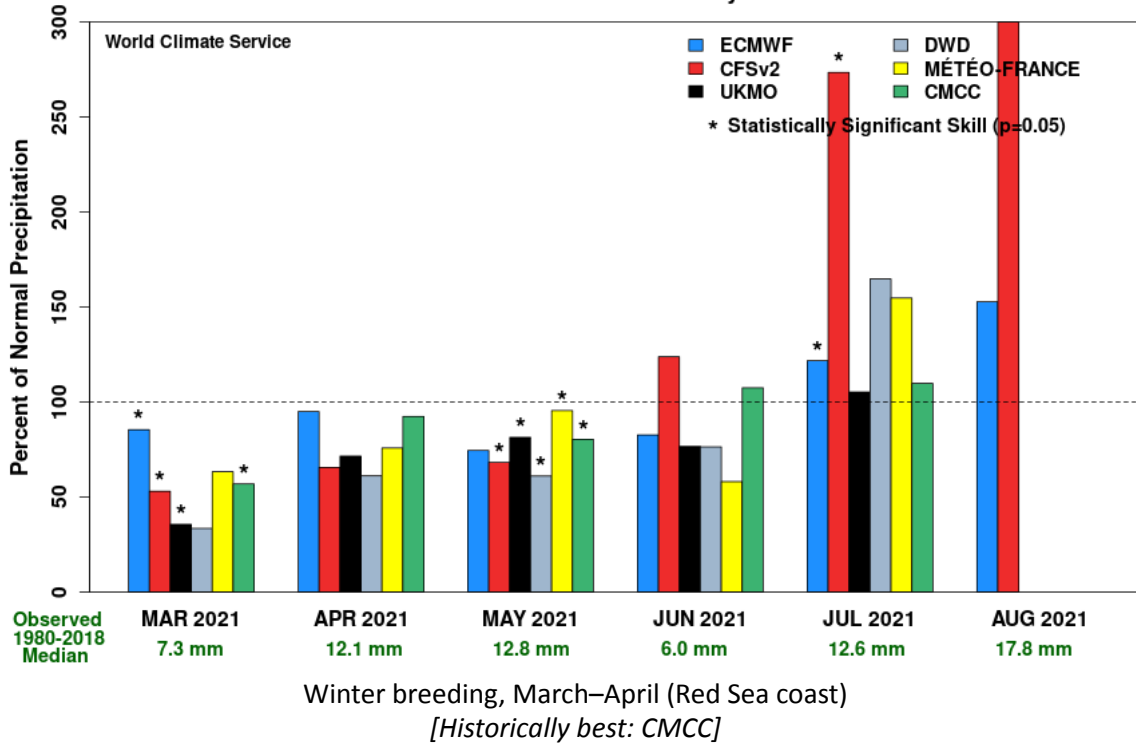
Models Initialized February 2021



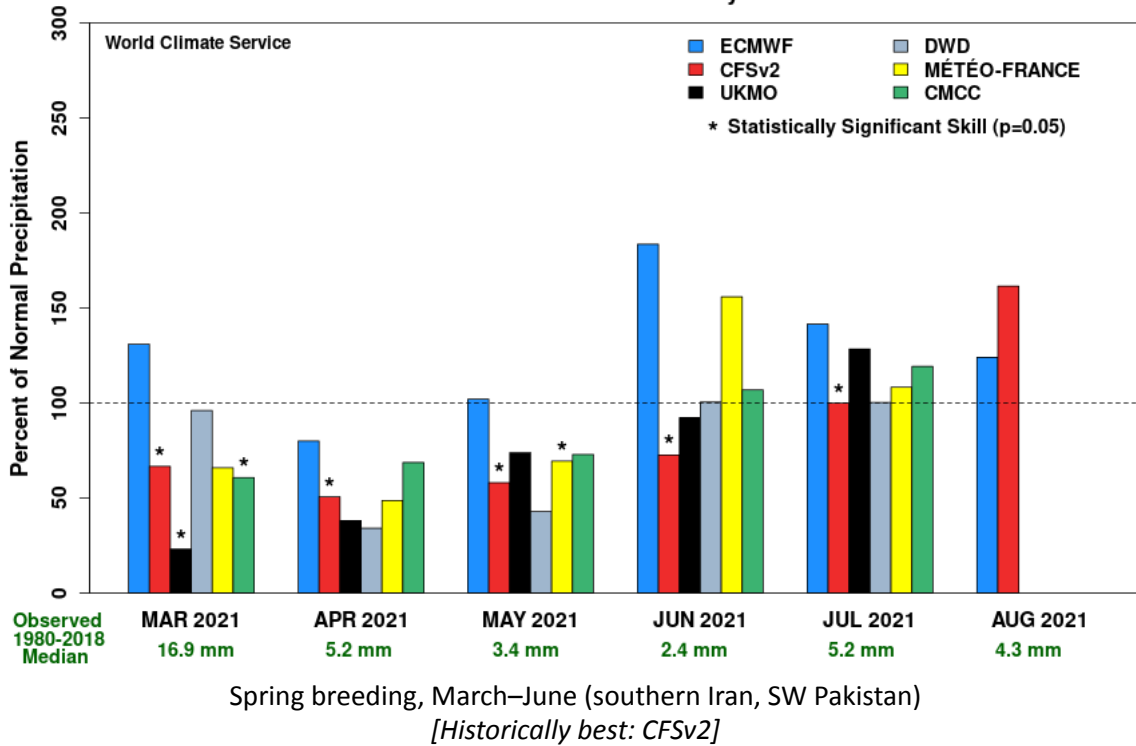
Spring breeding, March–June (Horn of Africa)

[Historically best: CMCC]

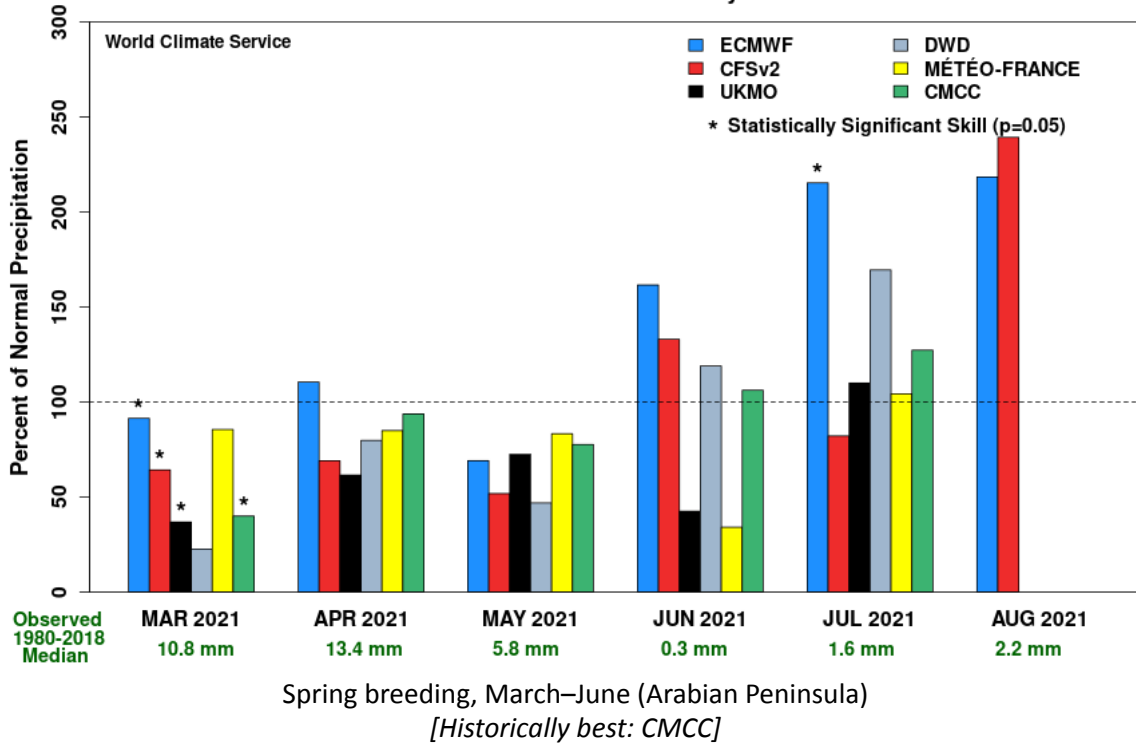
**Precipitation Forecast  
Winter Breeding Region  
Models Initialized February 2021**



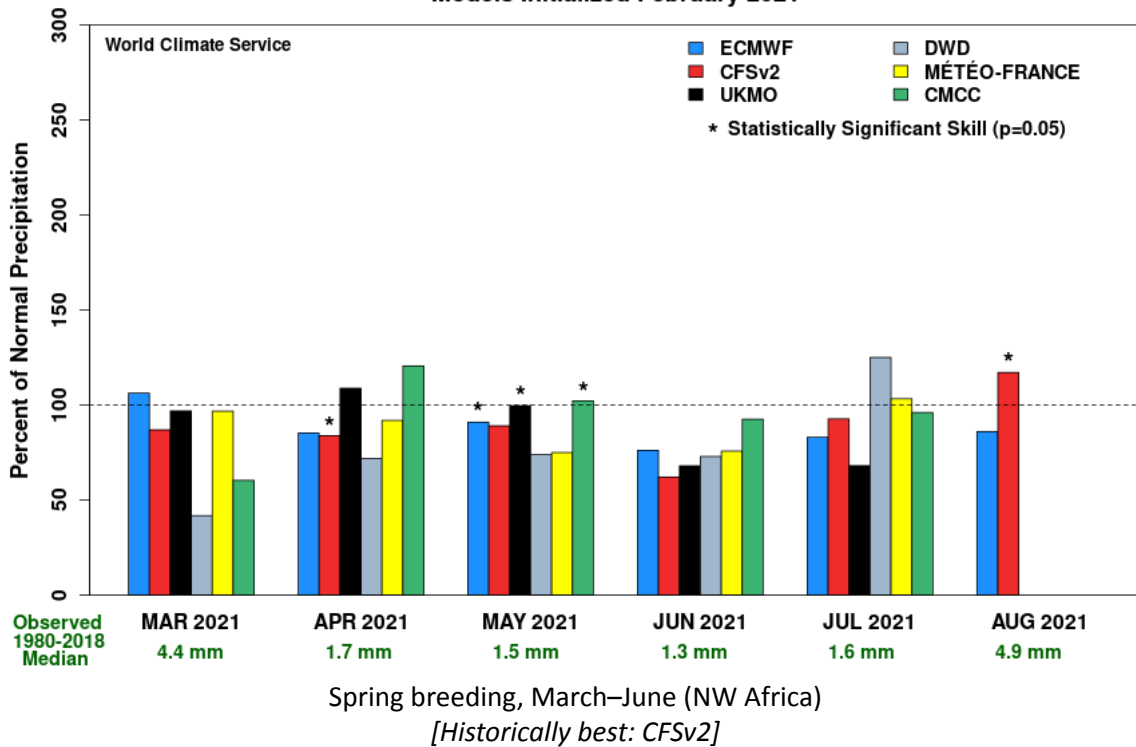
**Precipitation Forecast  
Spring Breeding Region (Eastern)  
Models Initialized February 2021**



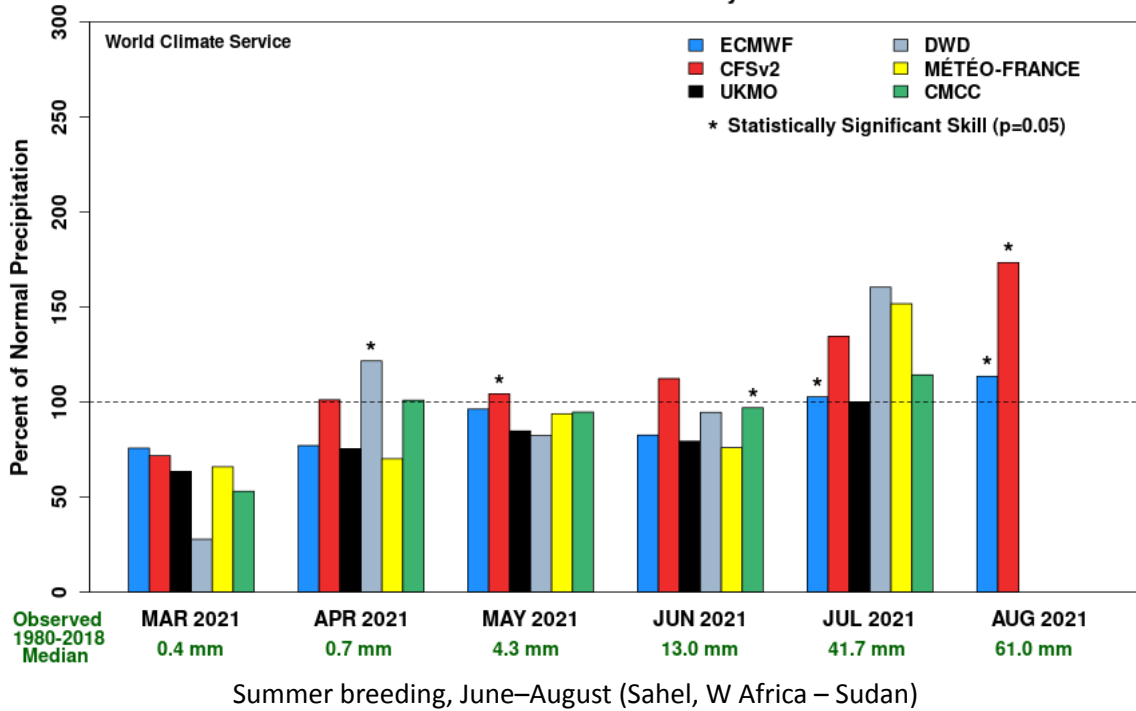
**Precipitation Forecast**  
**Spring Breeding Region (Central)**  
 Models Initialized February 2021



**Precipitation Forecast**  
**Spring Breeding Region (Western)**  
 Models Initialized February 2021



**Precipitation Forecast**  
**Summer Breeding Region (Western)**  
 Models Initialized February 2021



**Precipitation Forecast**  
**Summer Breeding Region (Eastern)**  
 Models Initialized February 2021

