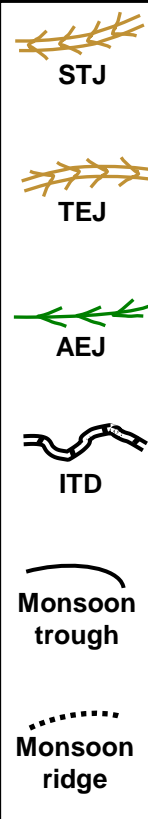
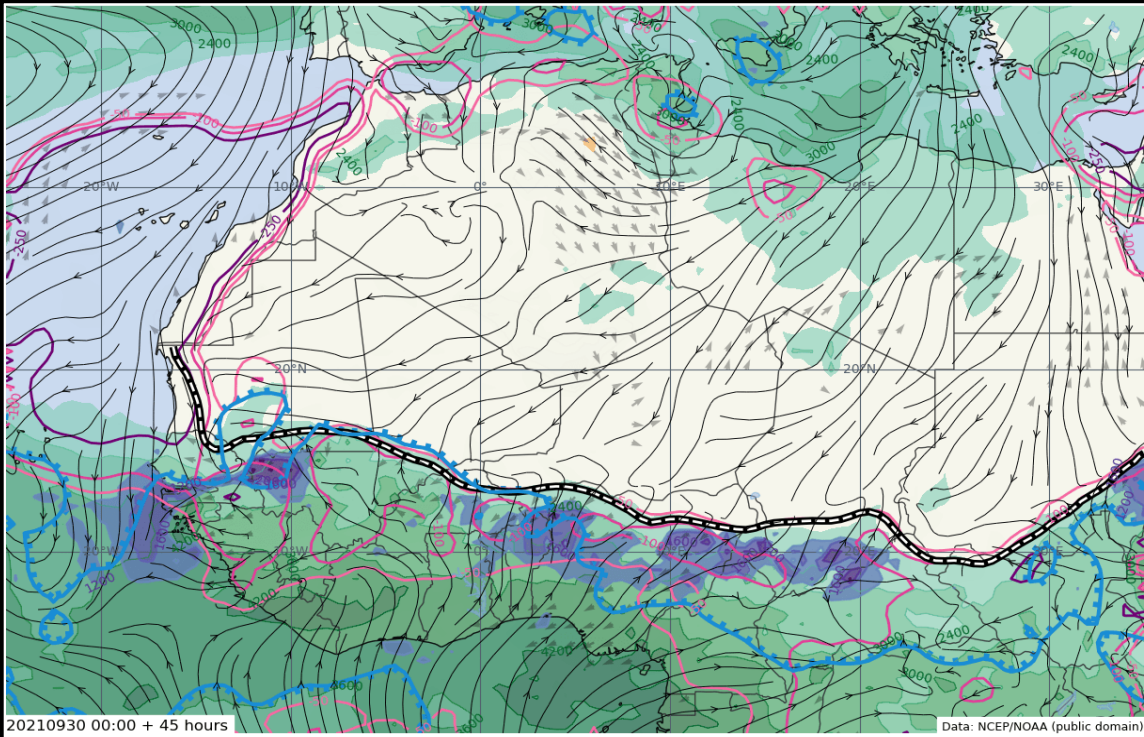


Region	24 hr Regional Synoptic Summary
Africa	<p>Azores high is expected to remain quasi-stationary (1028hPa), extending a ridge over Morocco.</p> <p>St Helena high is expected to slightly intensify from 1028hPa to 1032hPa while remaining quasi-stationary.</p> <p>Mascarene high is expected to remain quasi-stationary with mean value of 1024hPa.</p> <p>The Libyan ridge is expected to dominate the northern parts of central and eastern Sahel region.</p> <p>The ITD position is slightly shifted northwards.</p> <p>Deep moisture depth (from 2400m to the south of Sahel to 4200m over the coastal areas)</p> <p>Deep convections are expected over the coast of Gulf of Guinea countries, including Central and East Africa.</p> <p>Dry air is expend over all Sahelian countries,</p>
Date	
2021 09 30	
Forecast Time	
0000 + 24 hrs	
Data	
GFS synthetic analysis chart	



Region	24-72 hr Regional Synoptic Summary
West Africa	<p>Azores high is expected to weak from 1028hPa to 1024hPa), while remaining Quasi-stationary.</p> <p>St Helena high center is expected to remain quasi-stationary (1032hPa), allowing the dominance of monsoon flow over the Gulf of Guinea countries and Central Africa.</p> <p>Mascarene high is expected to be quasi-stationary with its mean value at 1024hPa.</p> <p>Libyan ridge is expected to be maintained over eastern and central Sahel region and the ITD will generally remain quasi-stationary.</p> <p>Dry intrusion will extend over all Sahelian countries.</p> <p>Depth of Monsoon influx is expected to be between 2400m - 4200m being the highest near the coastal areas and decrease as it moves in land.</p> <p>AEJ is expected to be located over Senegal, Guinea, Burkina Faso, Benin northern Nigeria.</p> <p>AEW will be present over Mali. This will be associated with a vorticity over central Guinea.</p>
Date	
2021 09 30	
Forecast Time	
0000 + 45 hours	
Data	
GFS synthetic analysis chart	





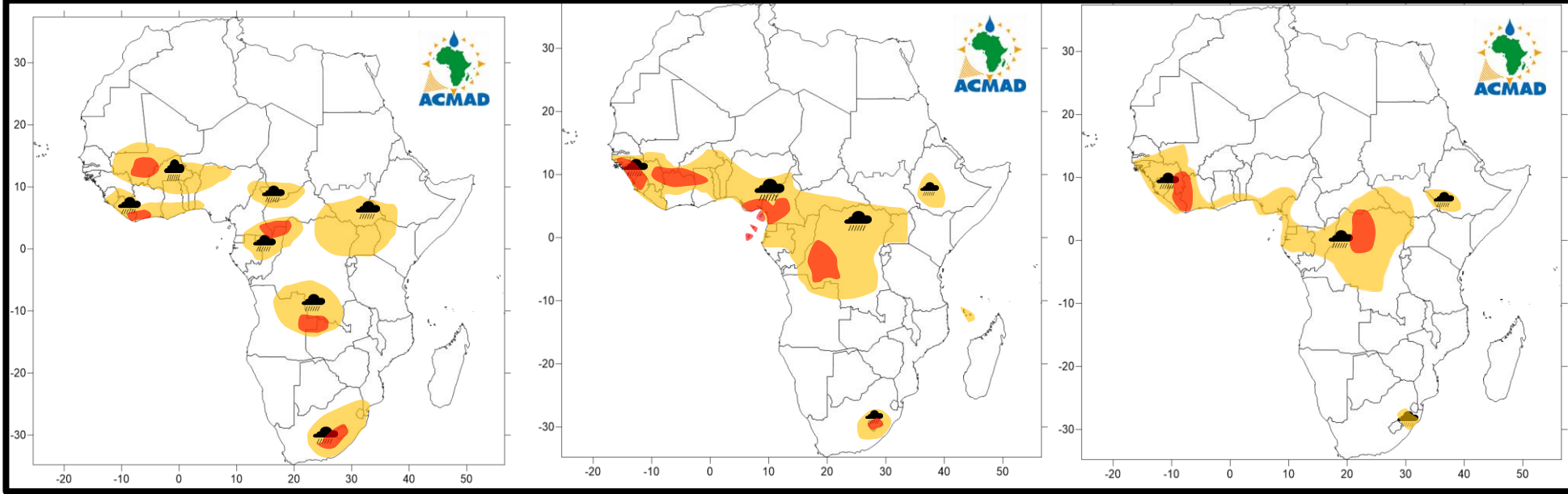
High impact weather Forecast sheet - Africa

2021 09 30 1200 UTC

2021 -09-30

2021-10-01

2021-10-02



Region
Africa
Date
2021 09 30
Time
30/09 & 01/10, 02/10
Data
NCEP-NOAA/SWIFT, ECMWF, ARP-PUMA
Forecast Risk
Be aware
Be Prepared
Take Action

Weather Forecasting Risk Table

Likelihood	Very high	E1	E2	E3	E4	E5
	High	D1	D2	D3	D4	D5
	Medium	C1	C2	C3	C4	C5
	Low	B1	B2	B3	B4	B5
	Very low	A1	A2	A3	A4	A5
		Very low	Low	Medium	High	Very High
		Impact				

Take Action
Be Prepared
Be aware
Low risk

Weather Icons			
Rain	Wind	Dust	Hail

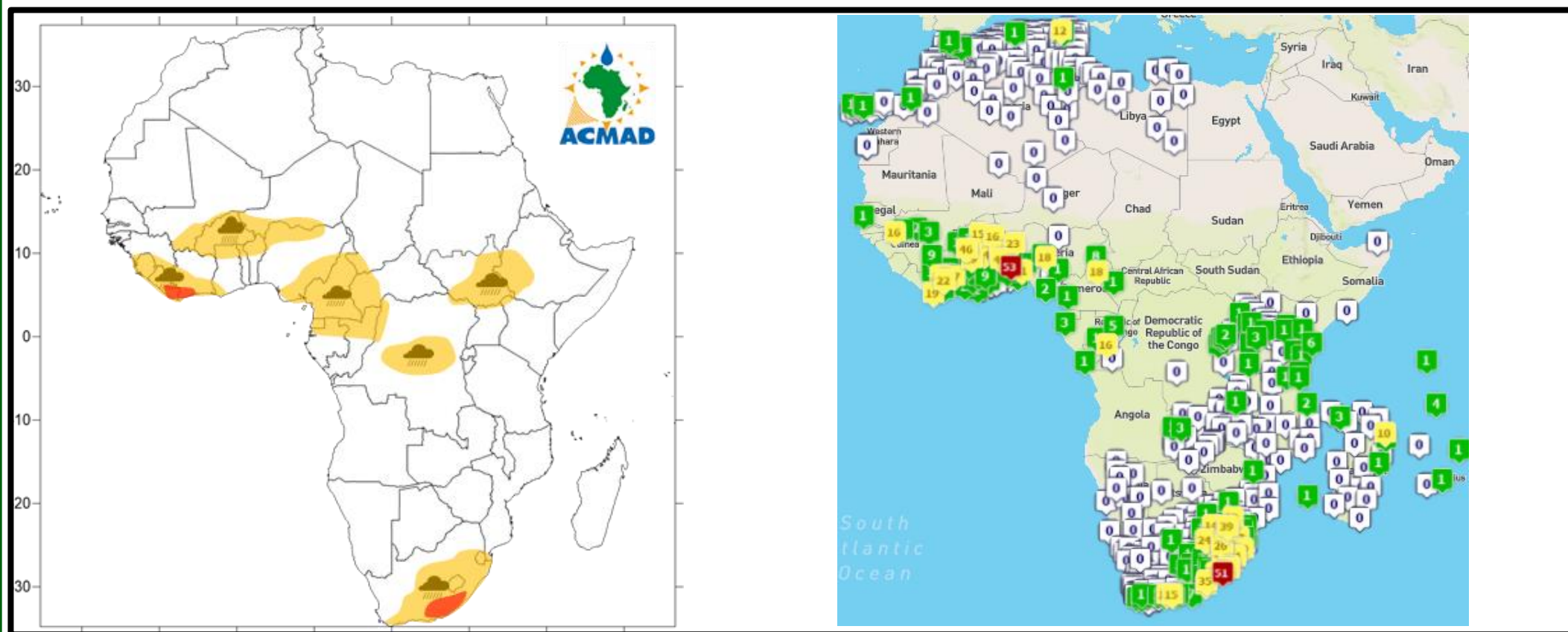
Which ensemble products have been used to determine the likelihood and forecast? ECWMF ☐ UKMO ☐ BOTH ☒

Summary of 12-24 hour forecast



Forecast issued on 2021 09 28 for 2021 09 29

2021 09 29 24H rain gauge observation



Data: Reports from GTS on 2021 09 29 at 06UTC

http://154.66.220.45:8080/thredds/fileServer/ACMA/WWFD/verification/OBS/ARCHIVE/RR24_20210929.html

2021 09 29 24H rain gauge observation in Nigeria

