18e FORUM DE PREVISION CLIMATIQUE SAISONNIERE DE L'AFRIQUE CENTRALE PRESA_AC

MALABO –GUINEE EQUATORIALE
04 AU 07 MARS 2024

Theme:
SERVICES CLIMATIQUES POUR LE RENFORCEMENT DE LA RESILIENCE AUX CATASTROPHES EN AFRIQUE CENTRALE

Mme Nathalie Félicienne MAPENDZA
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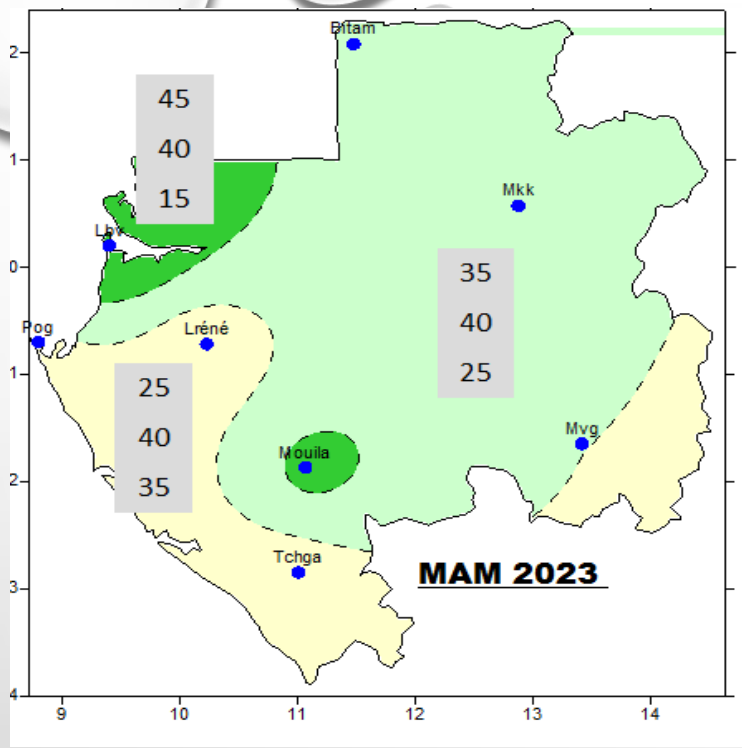
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Lbv
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Pog
Lréné
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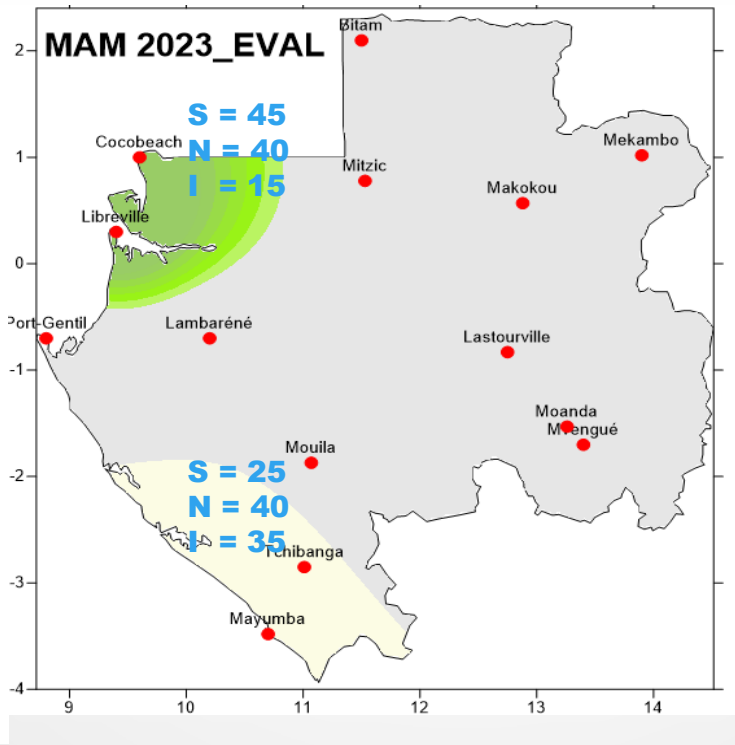
Mvg
Mouila
Tchga
MAM 2023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Makokou
Libreville
Port-Gentil
Lambaréné
Lastourville
Moanda
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Mouila
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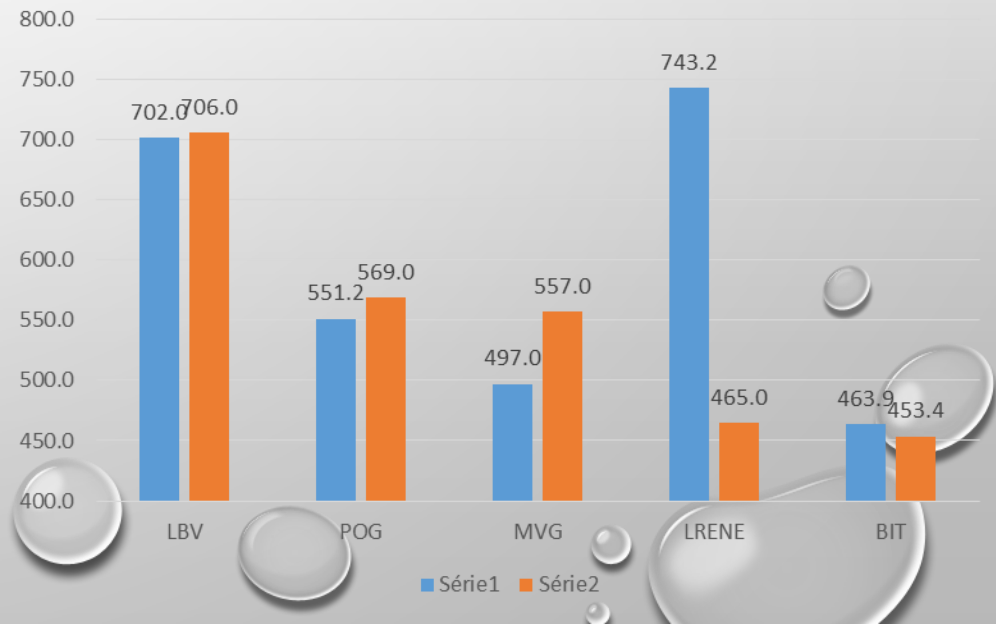
Tchibanga
Mayumba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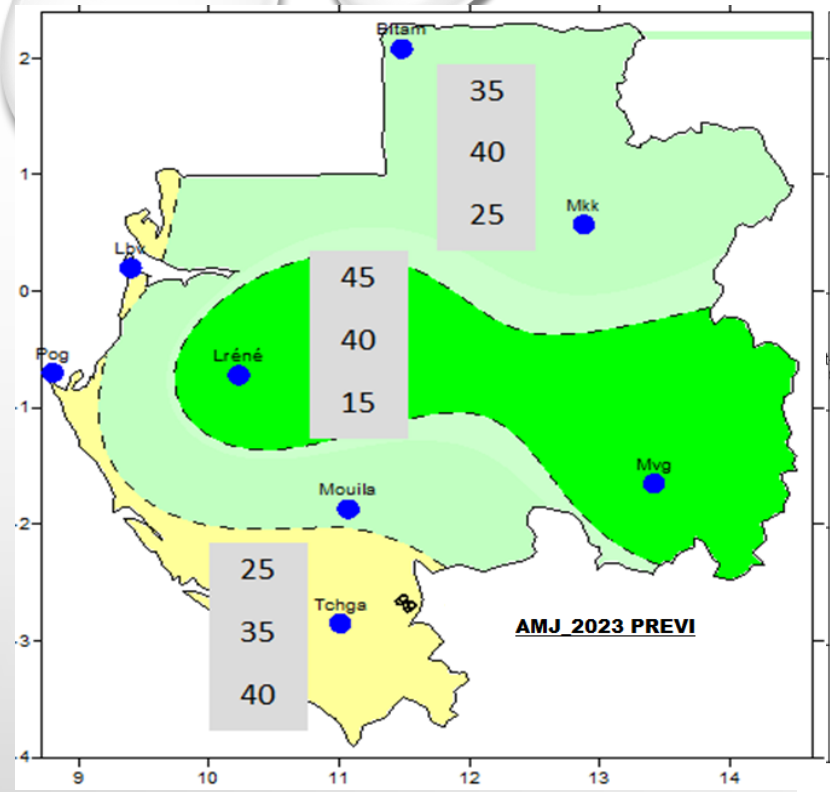
POG
MVG
LRENE
BIT
Série1
Série2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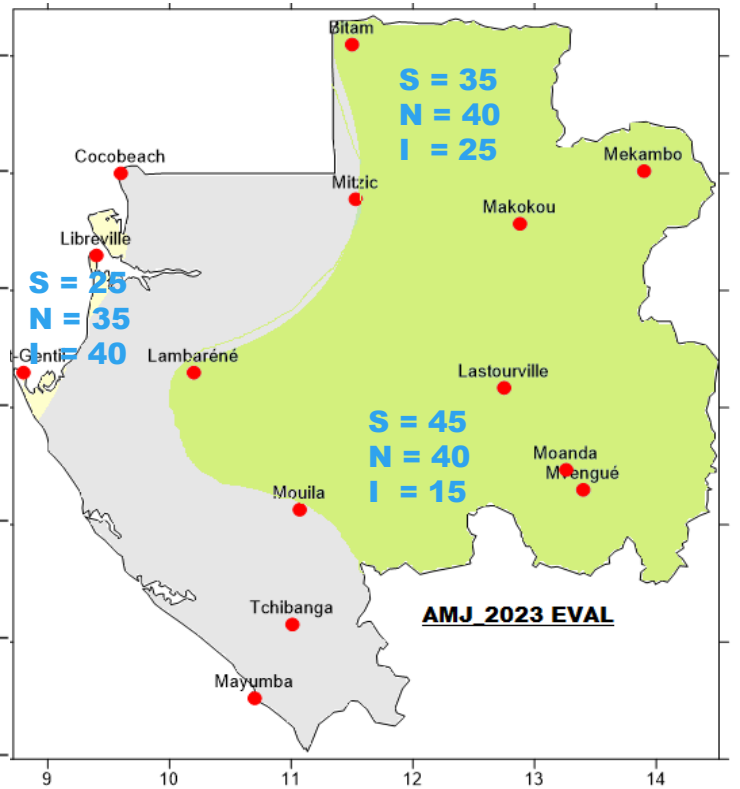
AMJ_2023 PREVI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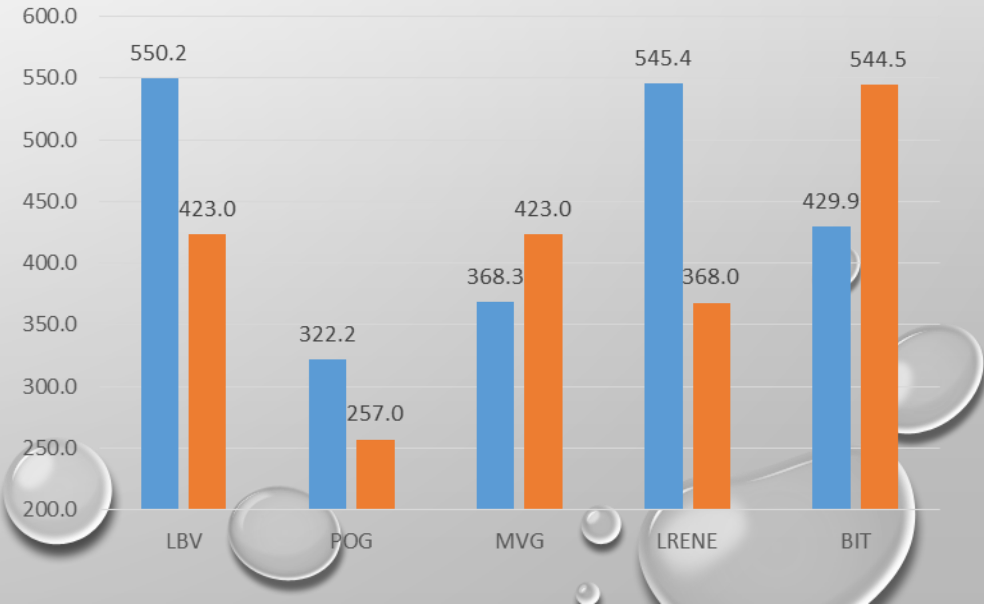
AMJ_2023 EVAL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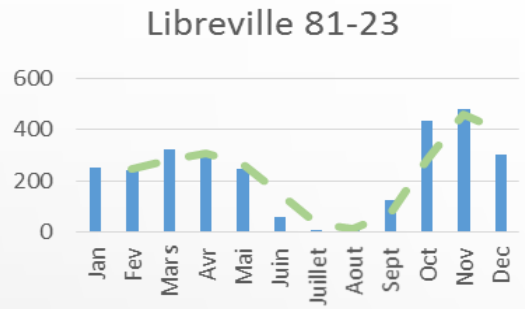
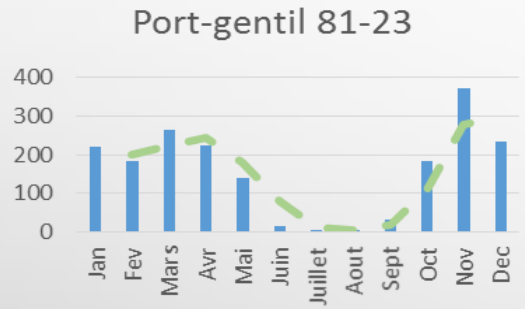
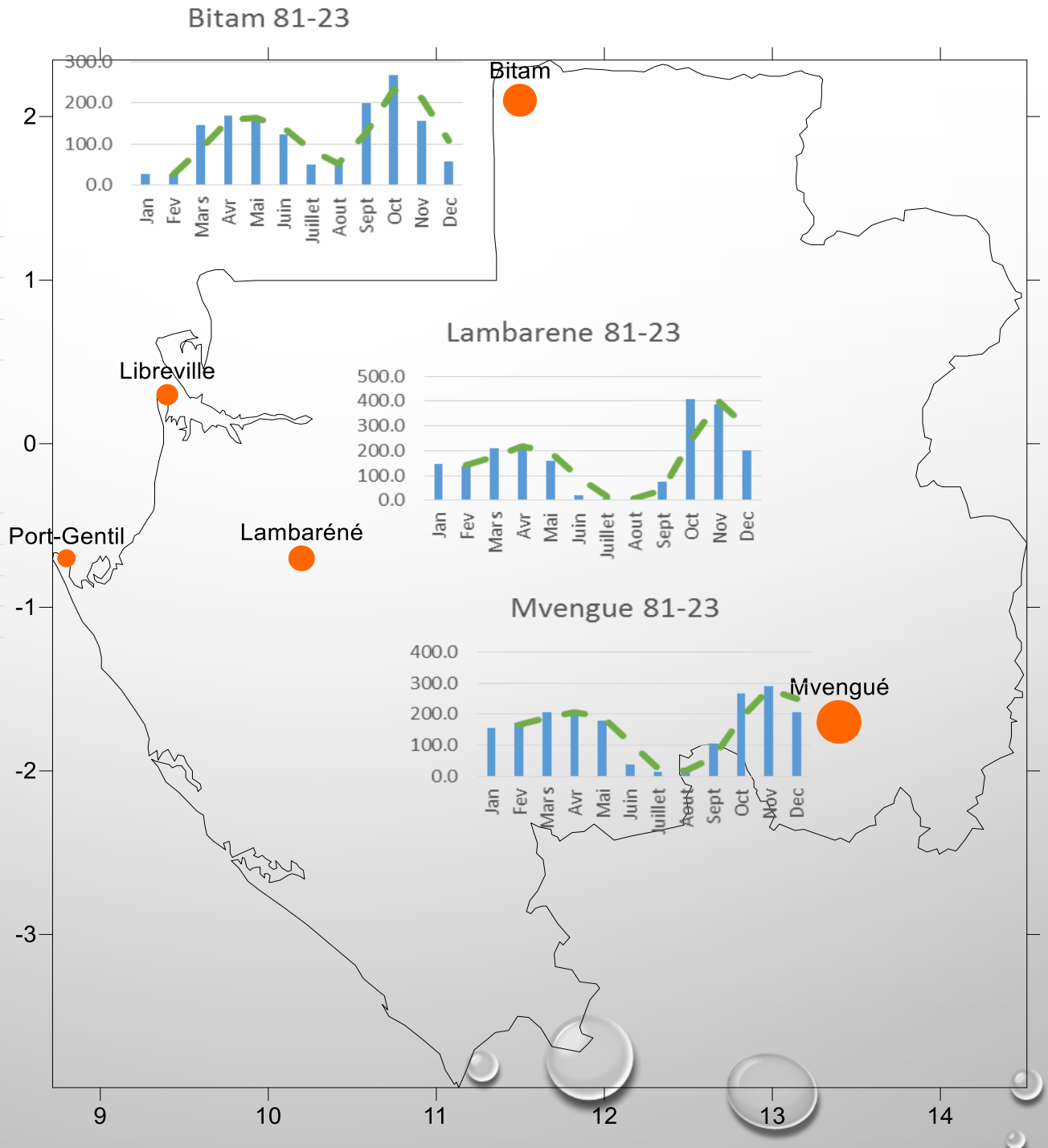
LBV
POG
MVG
LRENE
BIT

Régimes pluviométriques de quelques stations synoptiques

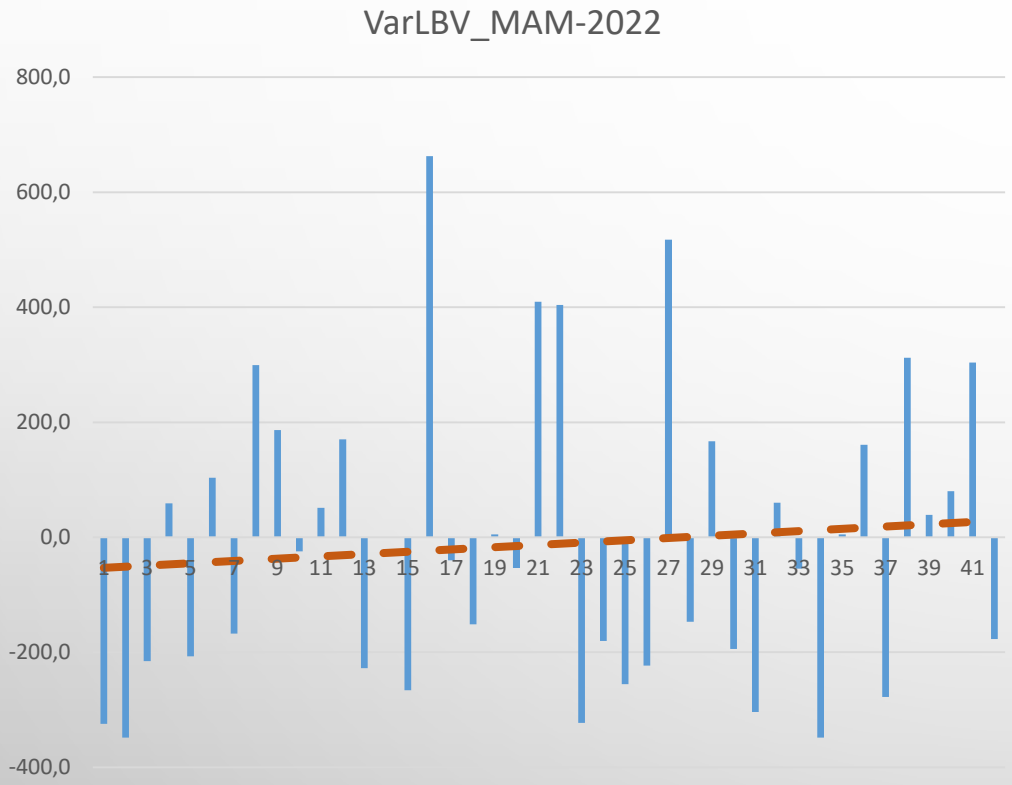


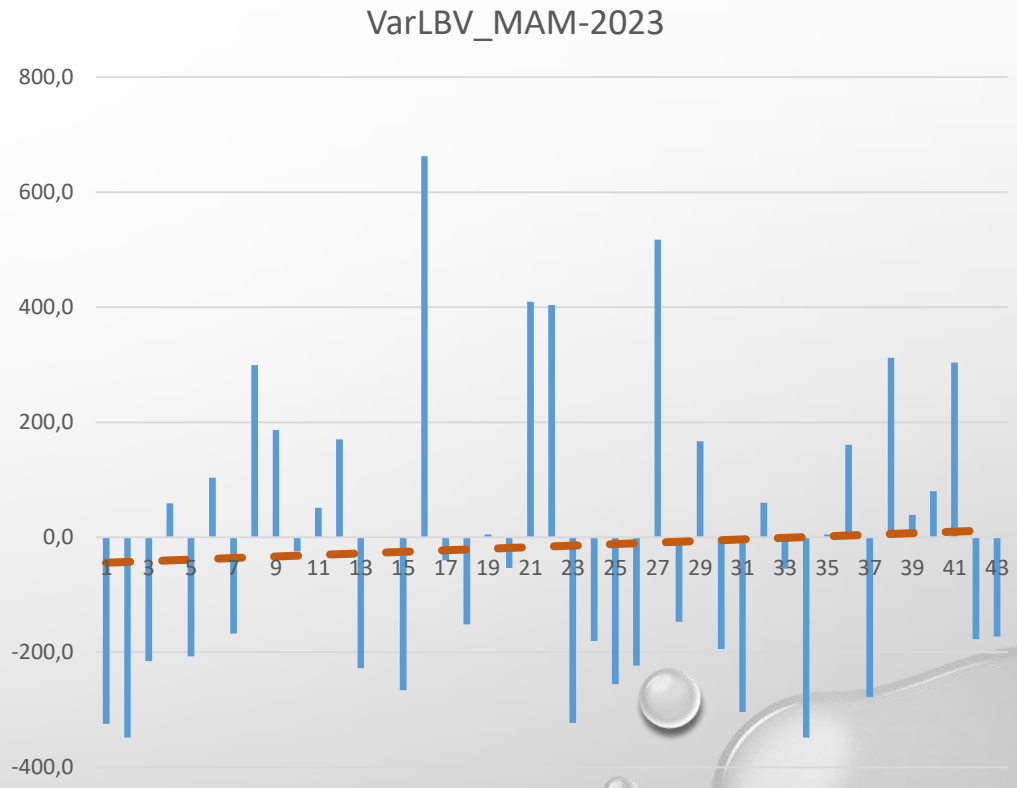




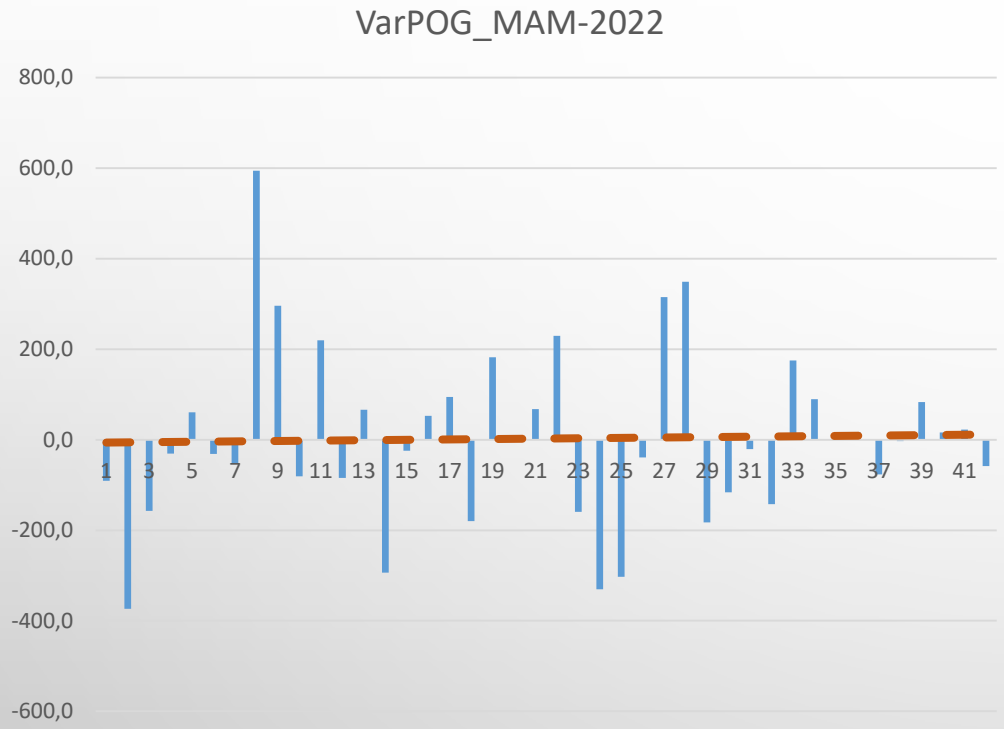
VARIABILITÉ ET TENDANCE

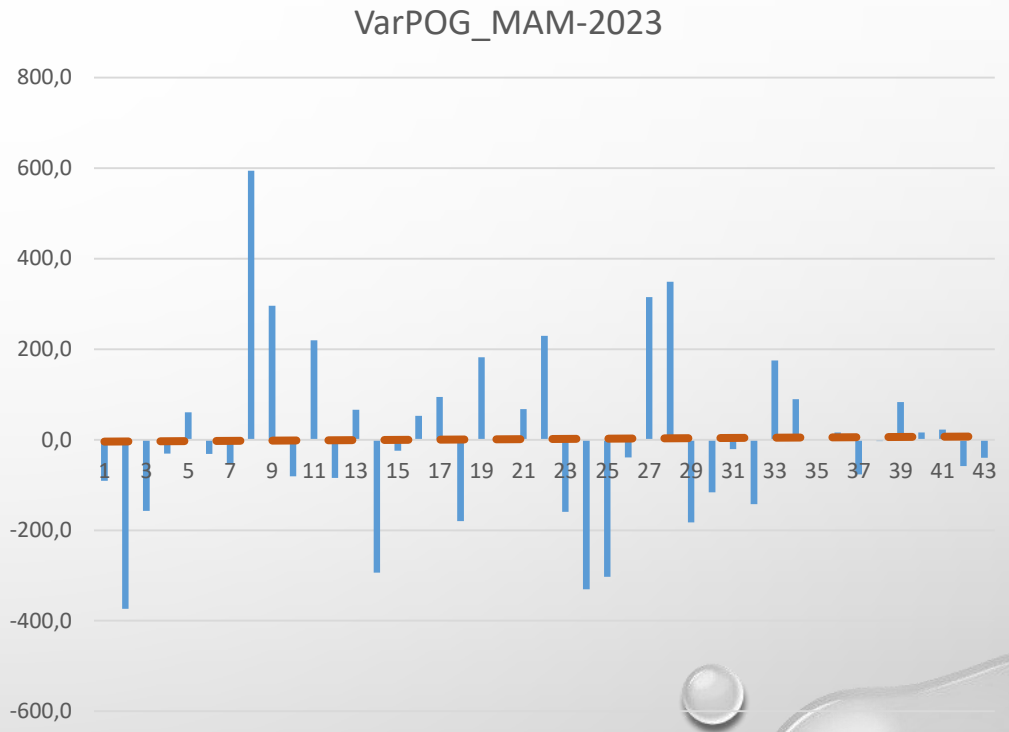
VARIABILITÉ CLIMATIQUE ET TENDANCE SAISON MAM (Mars-Avril-Mai)





VARIABILITÉ CLIMATIQUE ET TENDANCE SAISON MAM (Mars-Avril-Mai)





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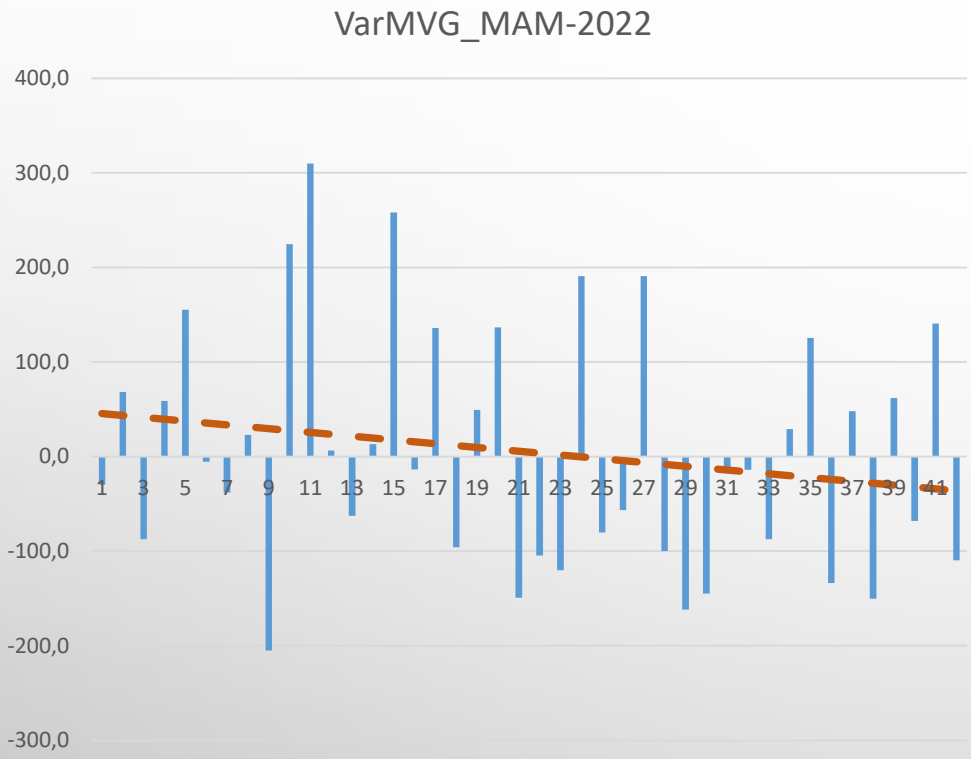

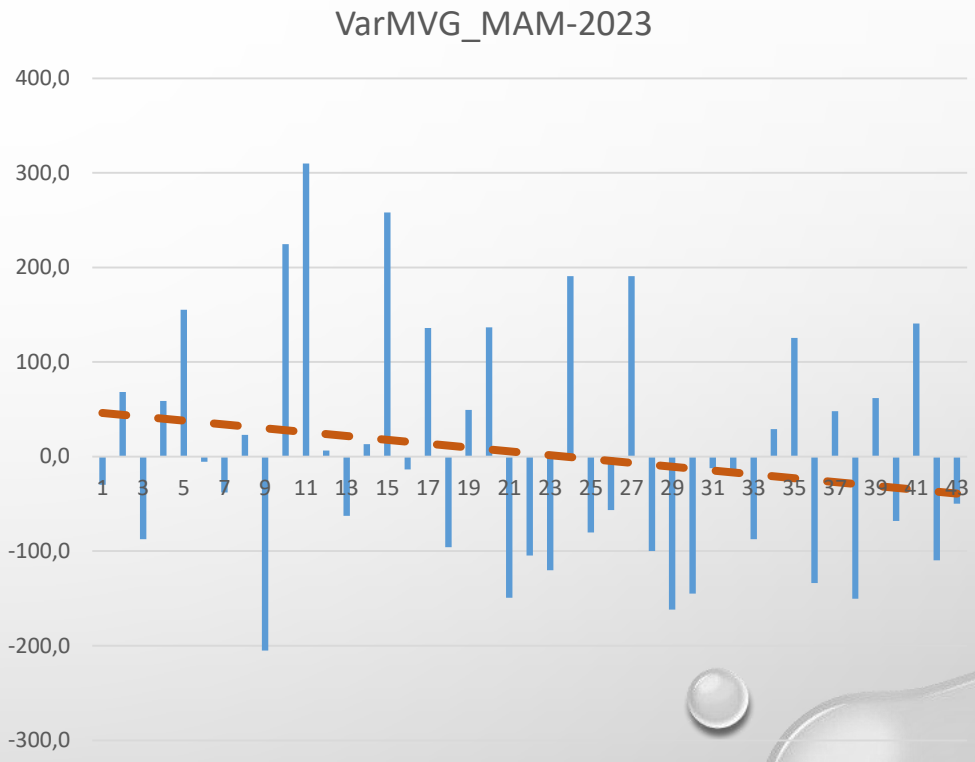

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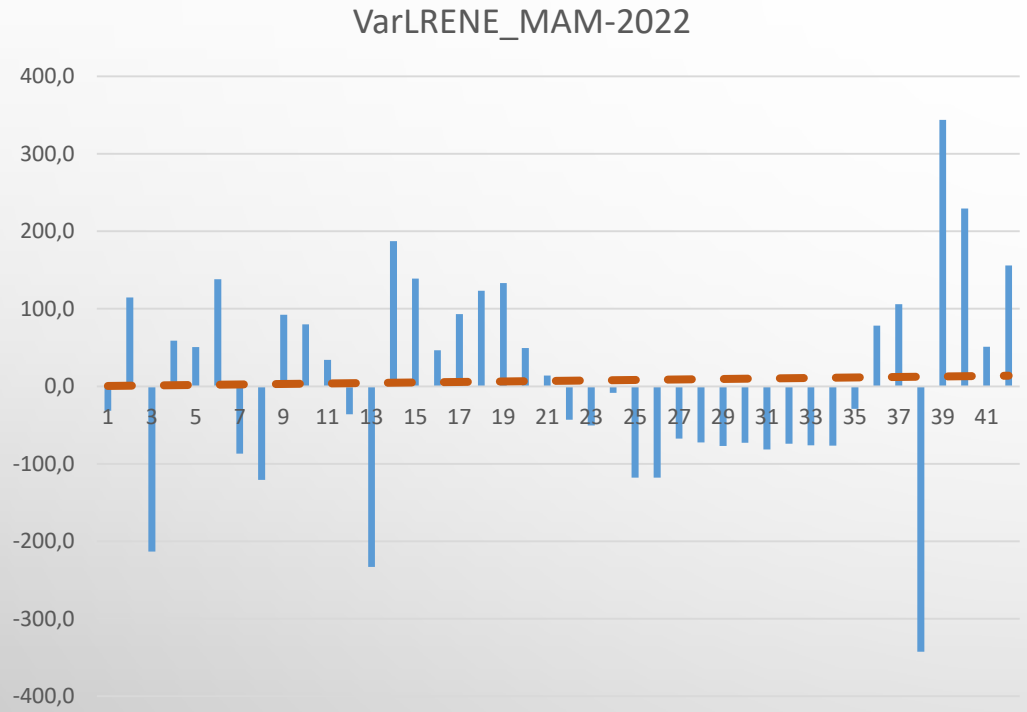

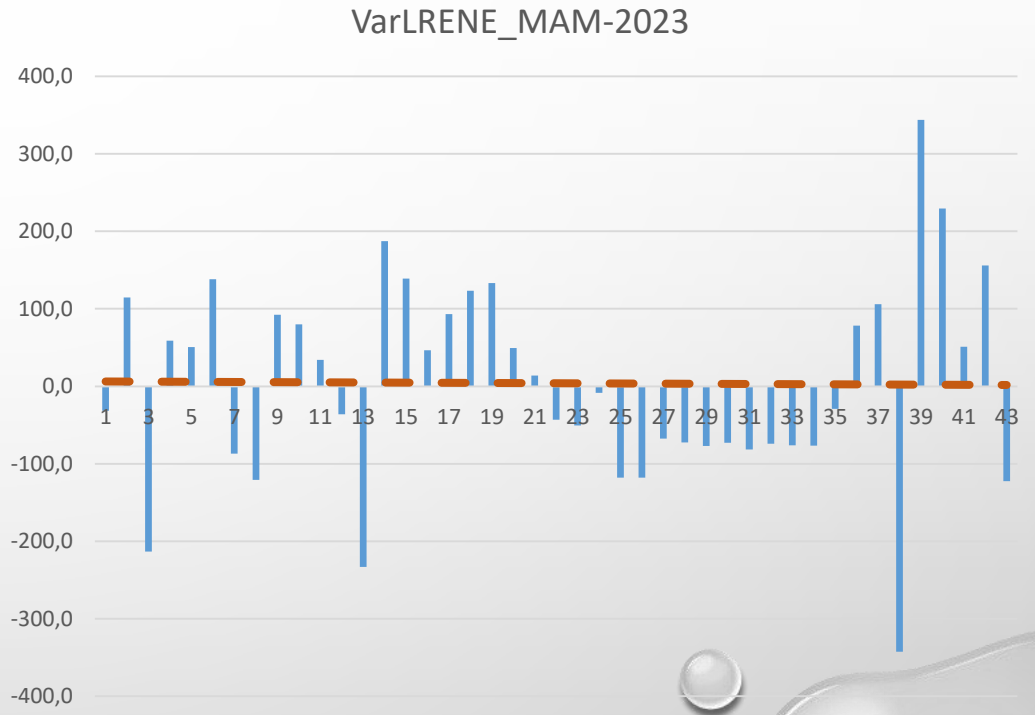

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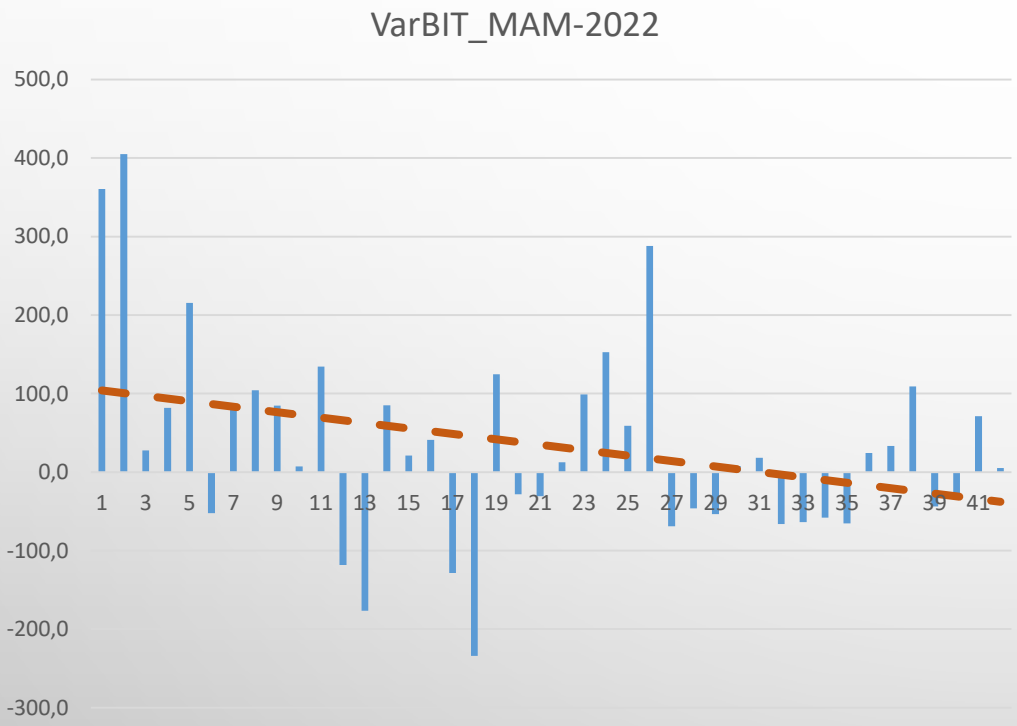

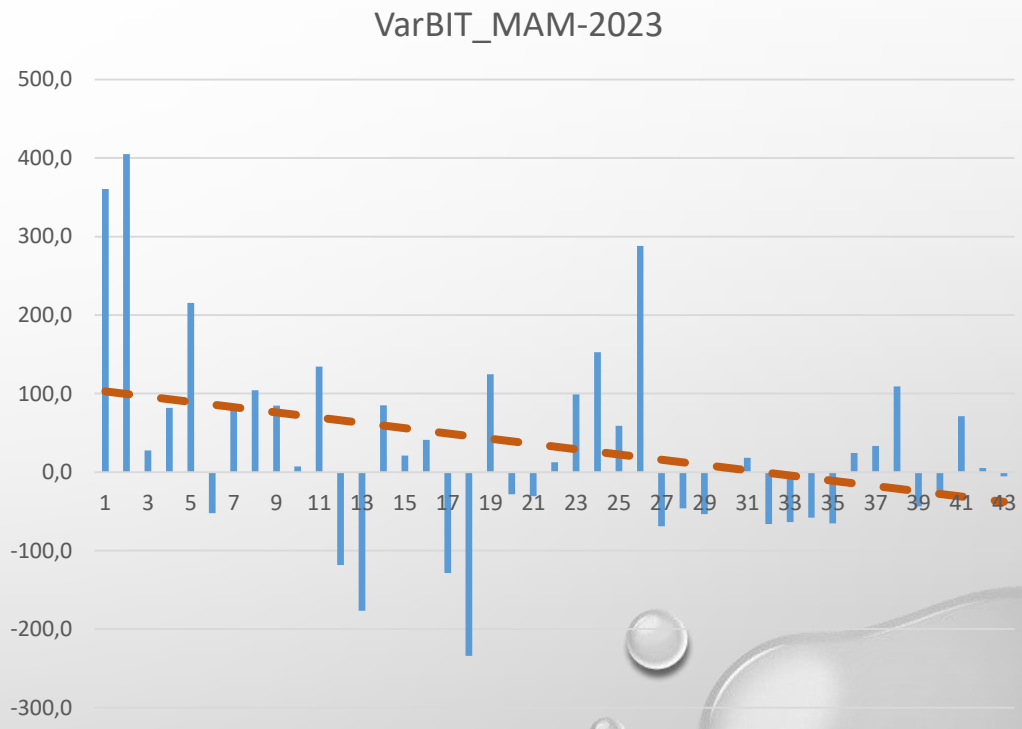

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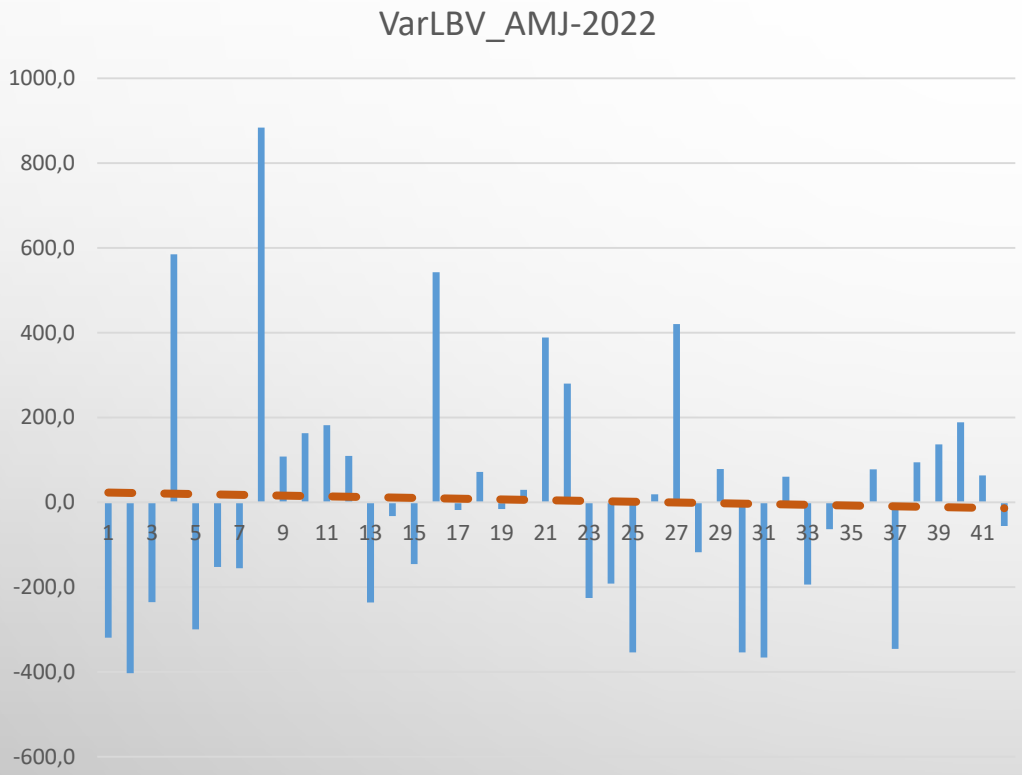

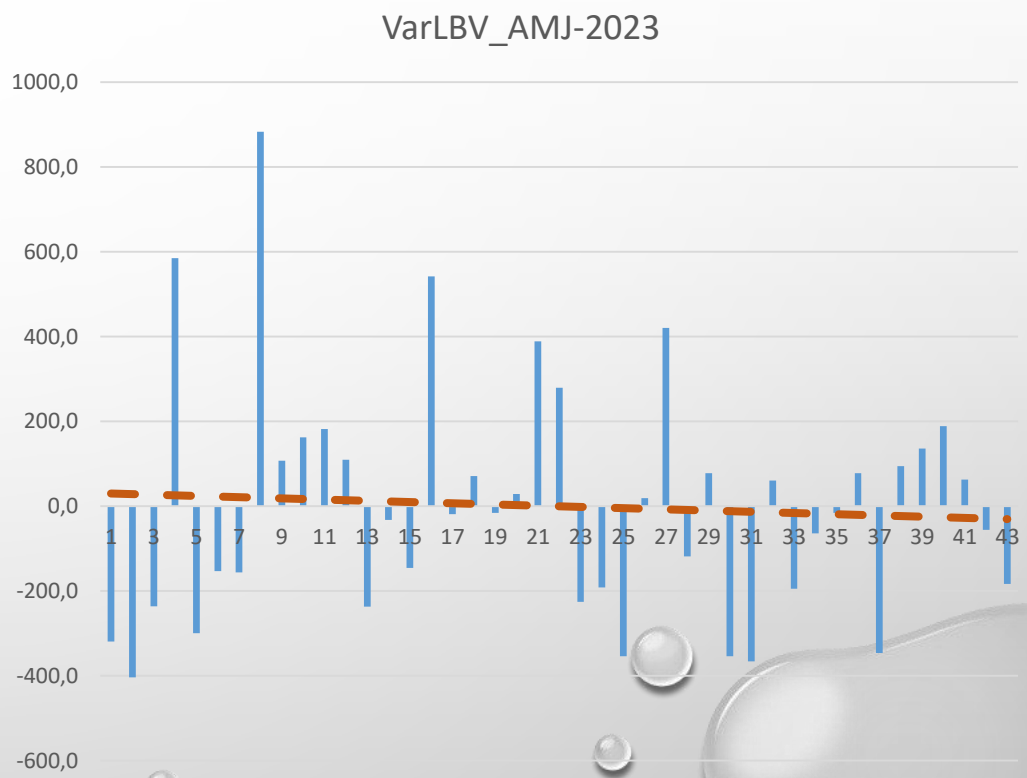

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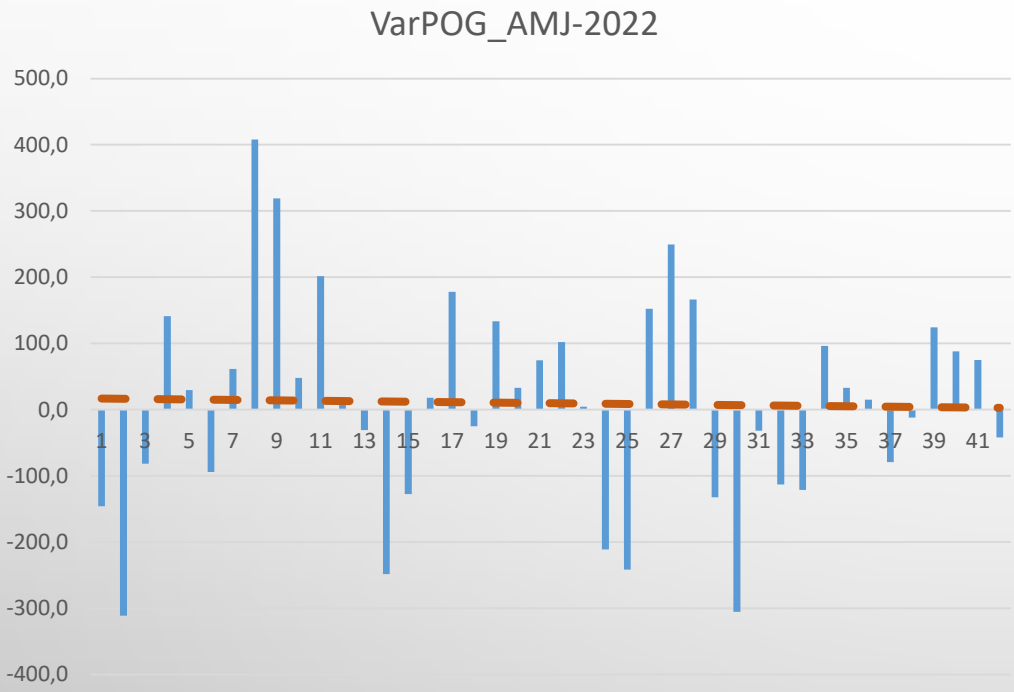

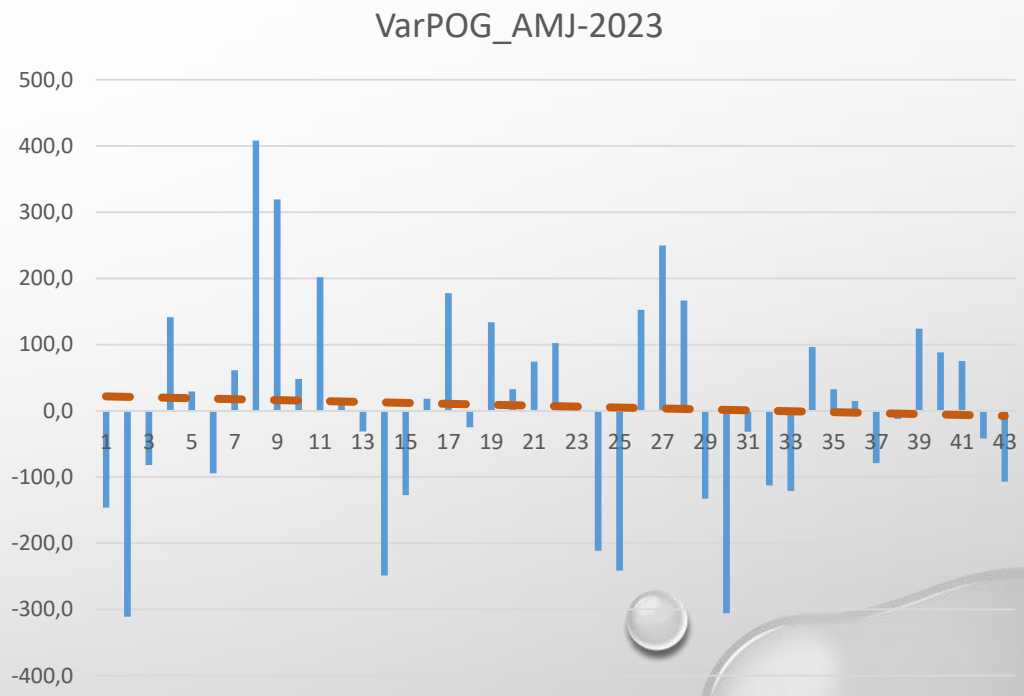

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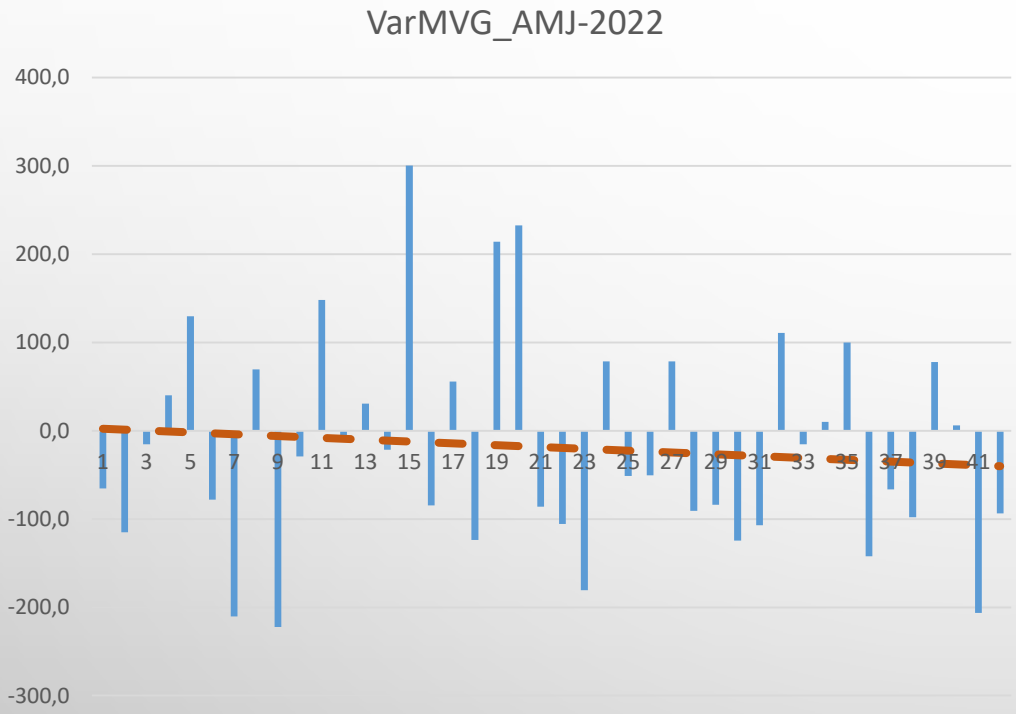

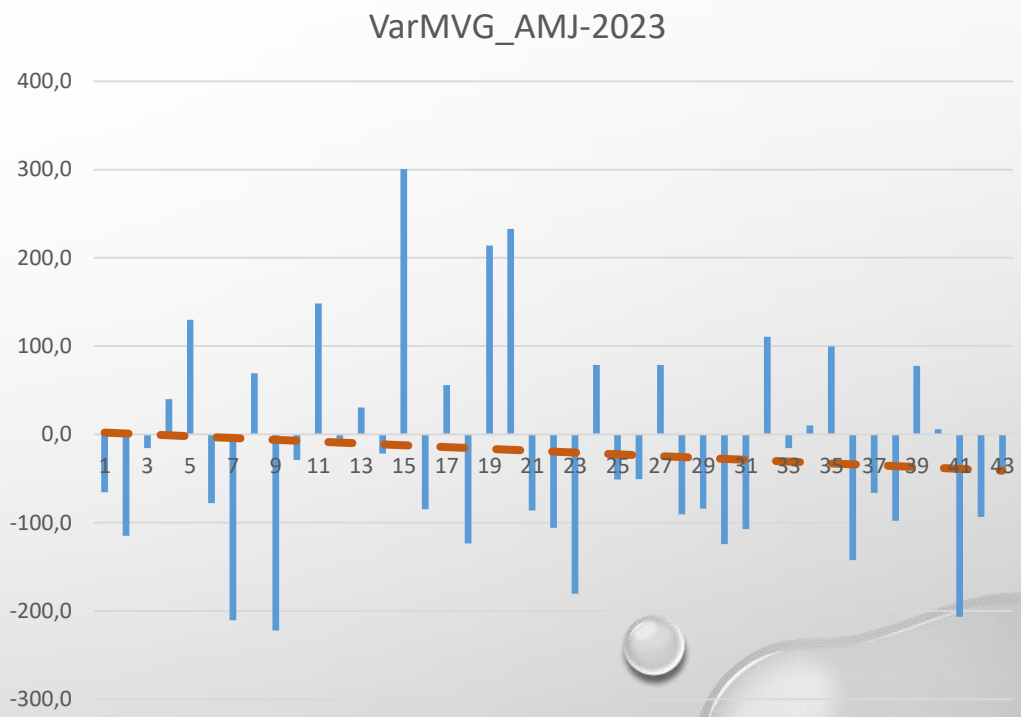

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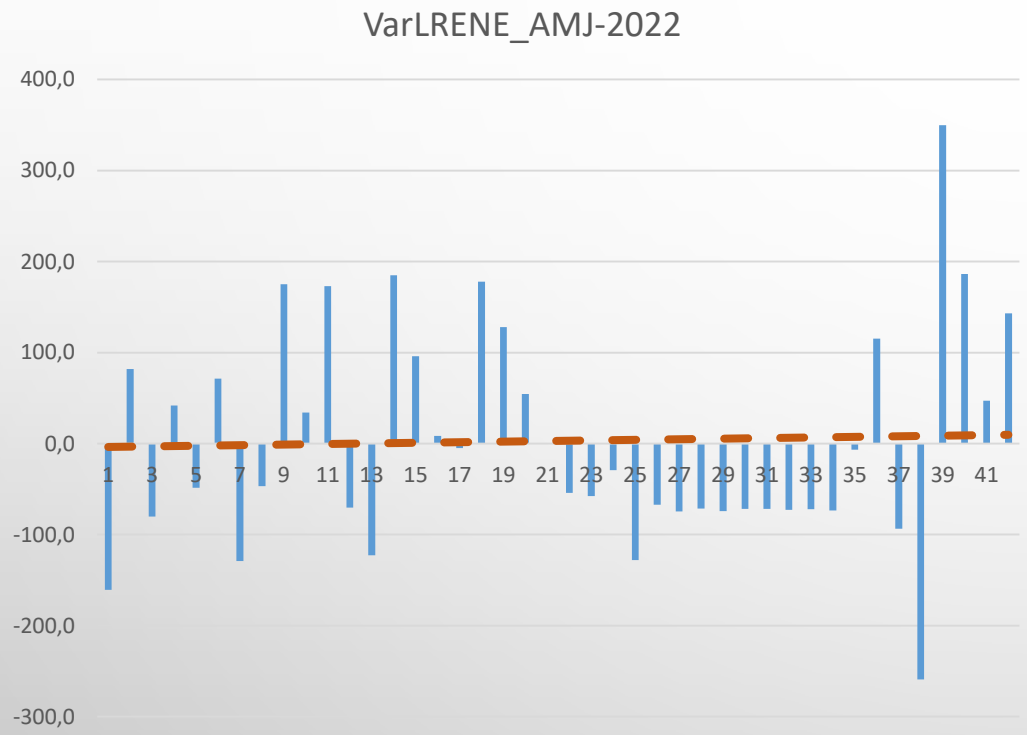

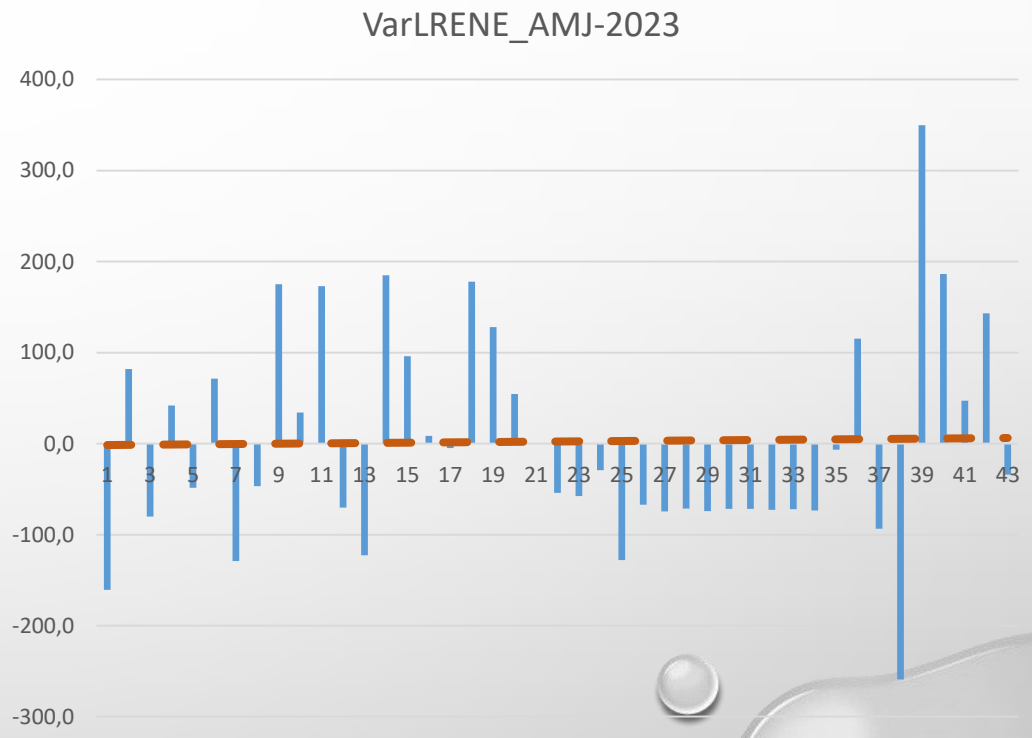

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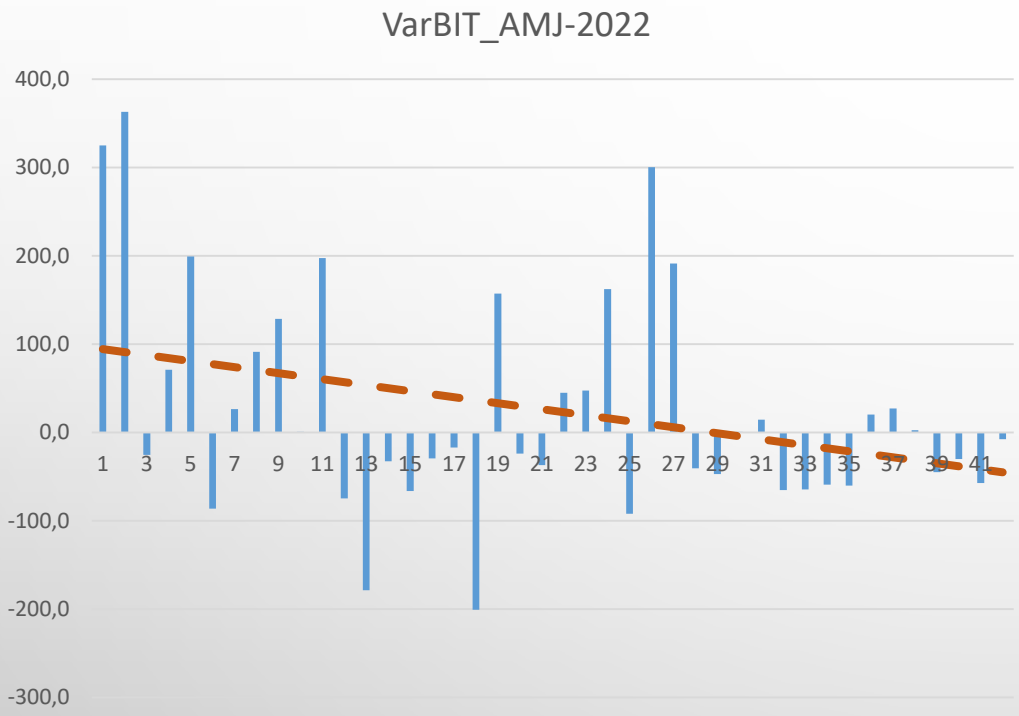
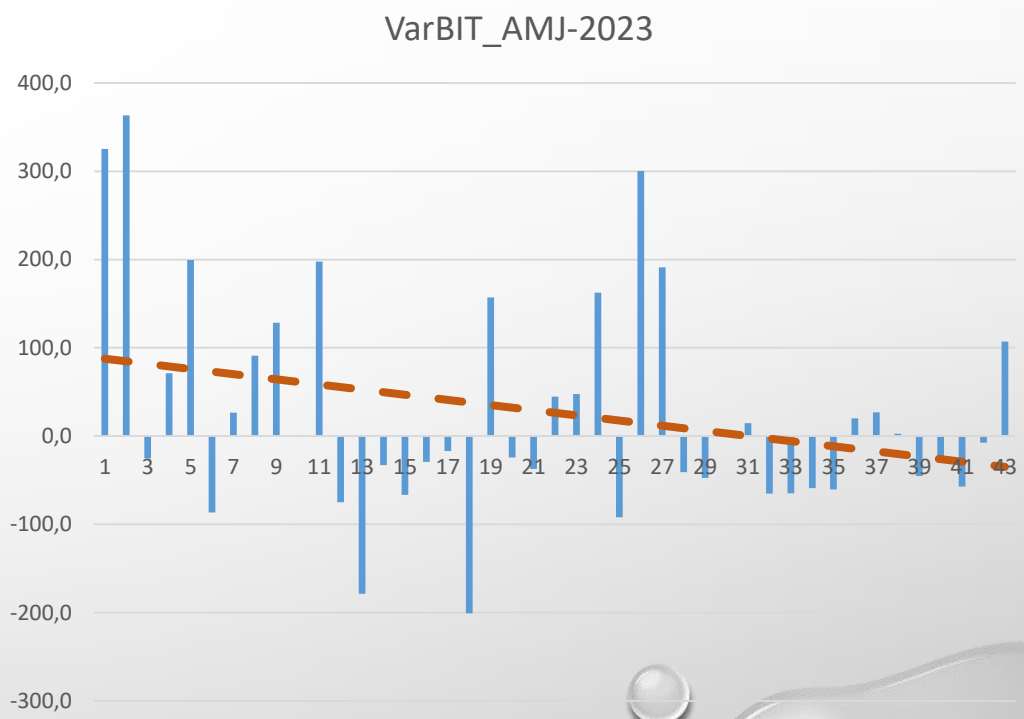
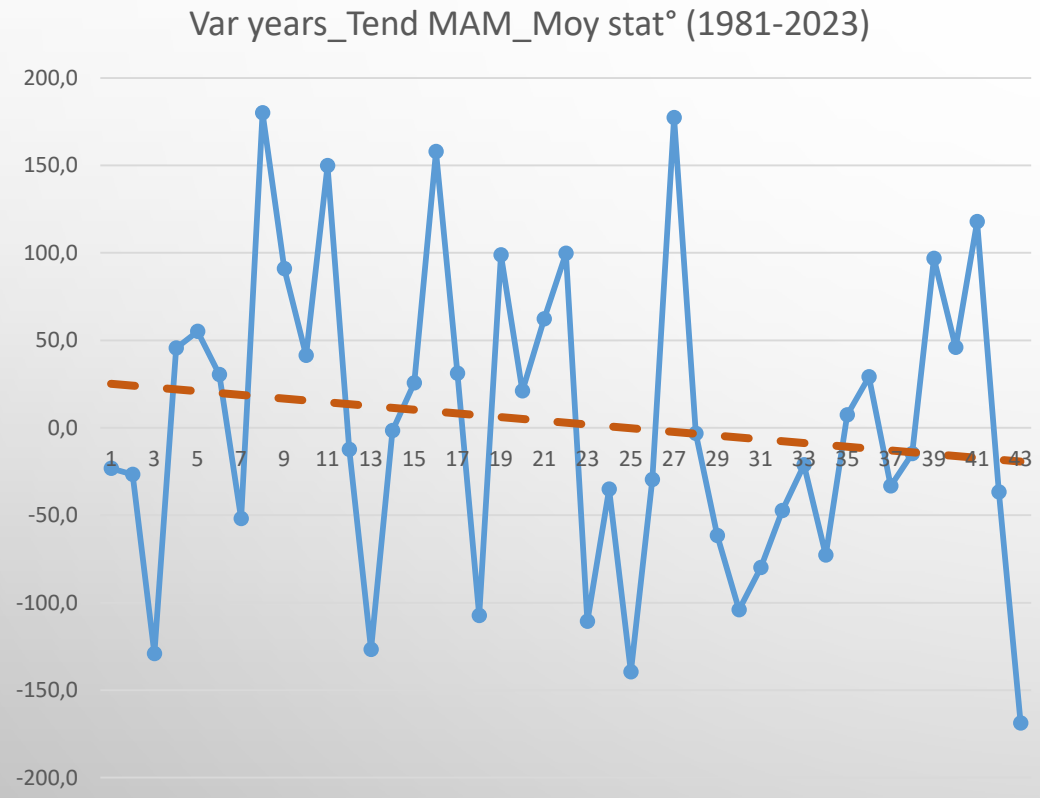
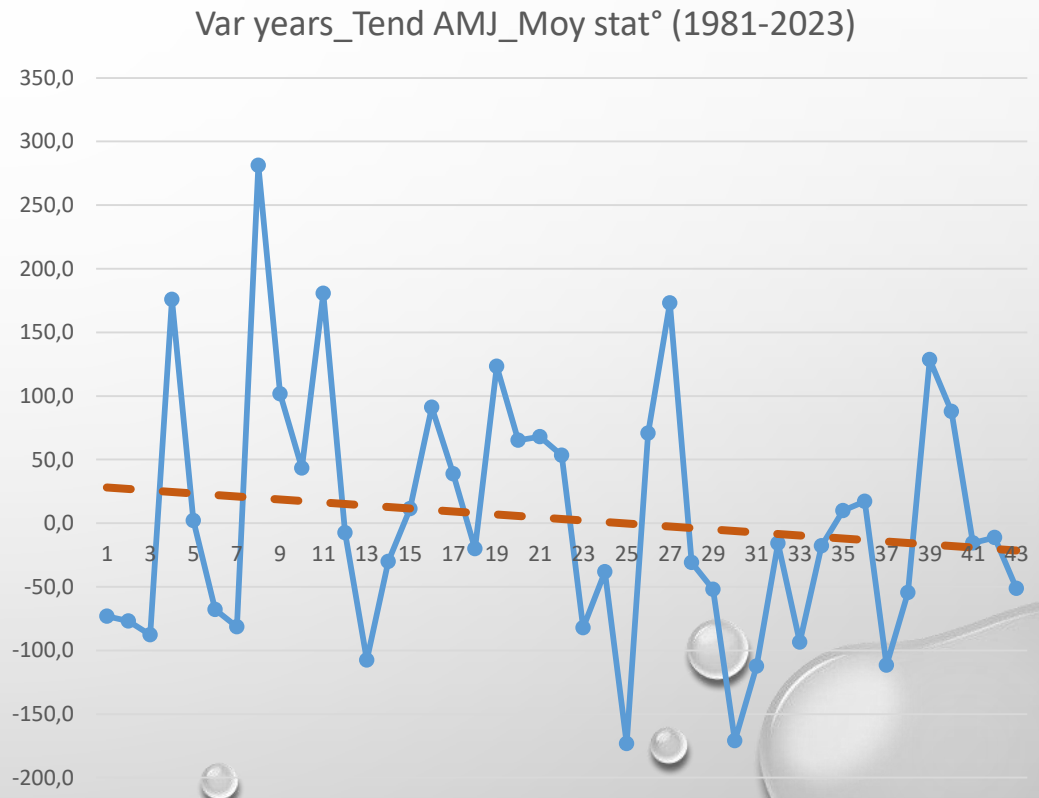
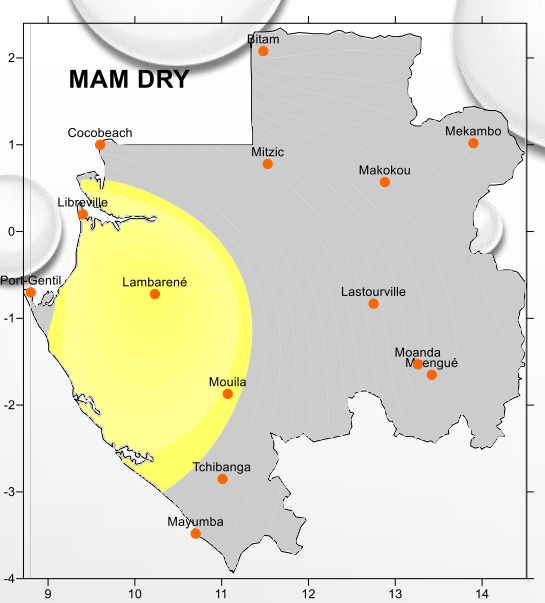




VARIABILITÉ CLIMATIQUE ET TENDANCE SAISON MAM/AMJ

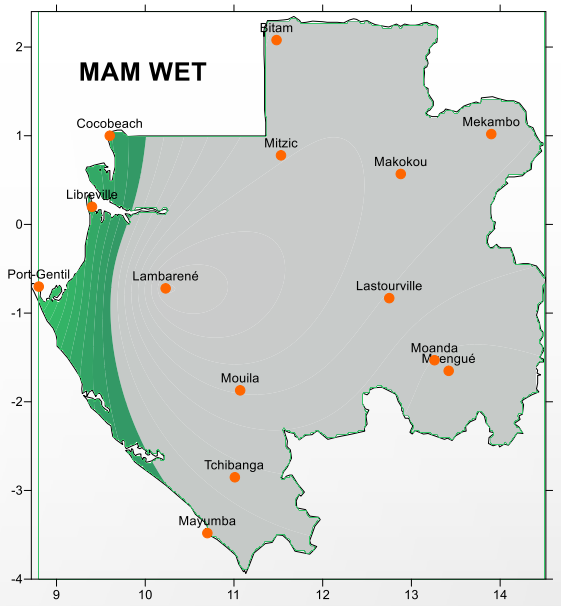






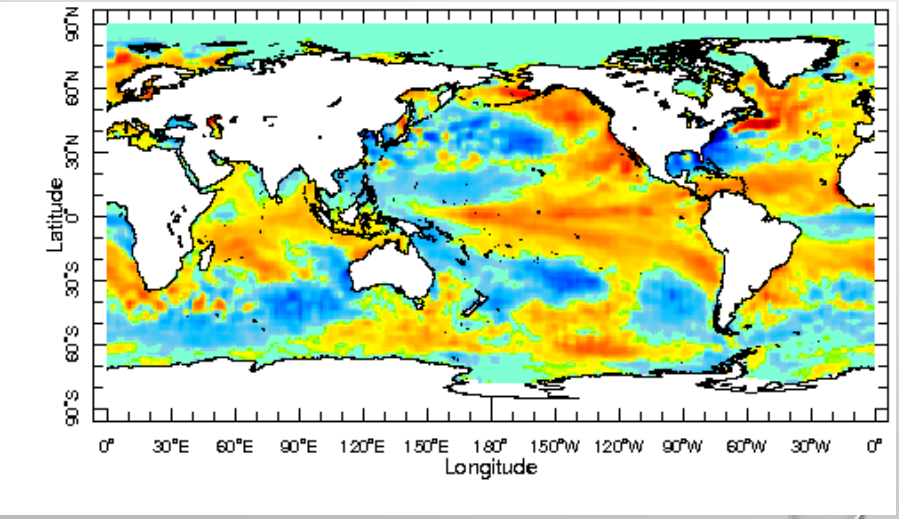
ANNÉES HUMIDES ET SÈCHES MAM

Stations	Latitude	Longitude	1983	1993	2005	1988	2007
ID%LBVMAM	0.2	9.4	75.5	74.1	70.9	134.1	158.9
ID%POGMAM	-0.7	8.8	74.2	110.9	50.3	197.6	151.7
MVGMAM%	-1.65	13.42	85.6	89.7	86.8	103.8	131.4
LRENEMAM%	-0.72	10.23	63.7	60.3	80.0	79.4	88.5
BITMAM%	2.08	11.48	106.0	61.5	112.9	122.7	84.9

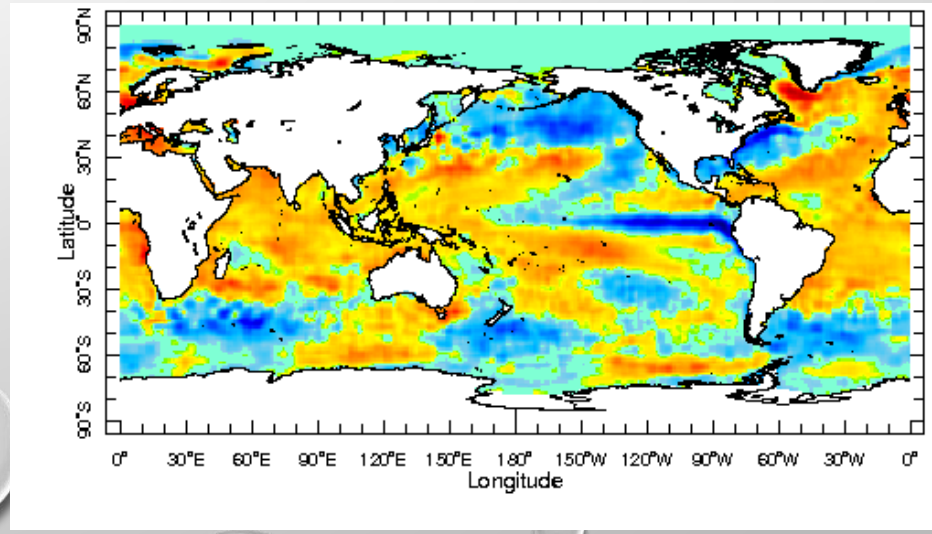


Le **réchauffement sur le pacifique** avec simultanément un **refroidissement sur la zone équatoriale Atlantique intéressant la zone du GG**, est caractéristique, en moyenne (dans la plus part des évènements) d'une saison à tendance sèche.

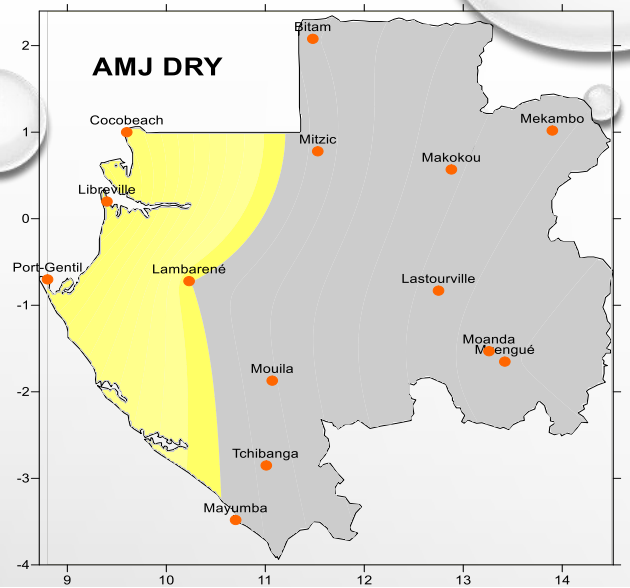
Le Refroidissement sur le pacifique, avec simultanément **Réchauffement sur la bande Equatoriale Atlantique intéressant la zone GG**, est caractéristique, (en moyenne dans la plus part des évènements), d'une saison à tendance humide.



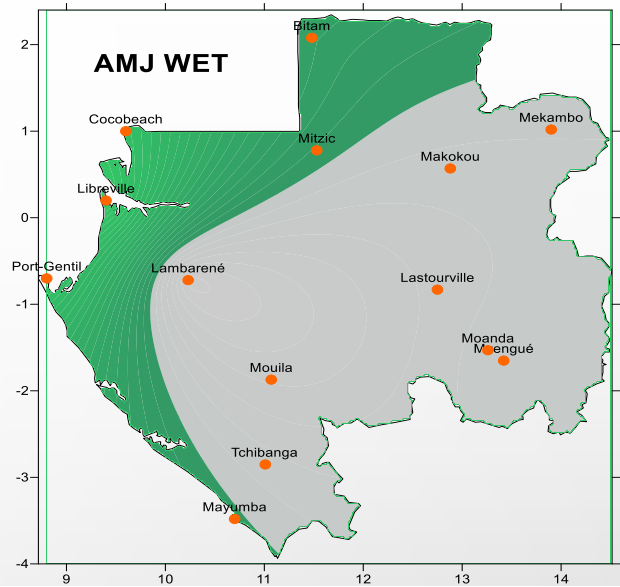
COMPOSITES SÈCHES



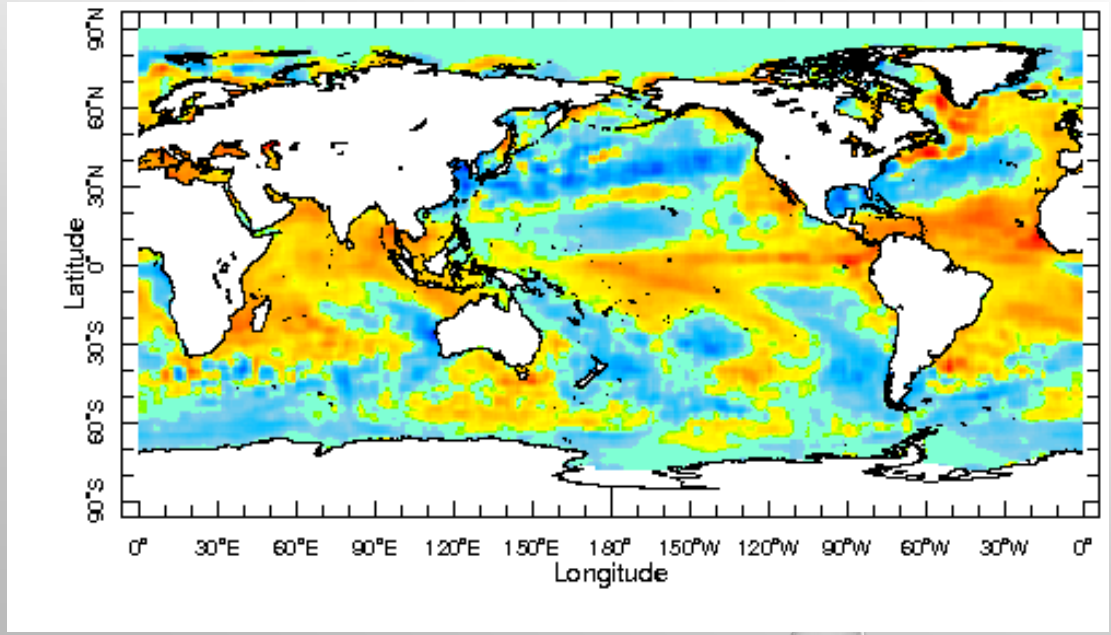
COMPOSITES HUMIDES



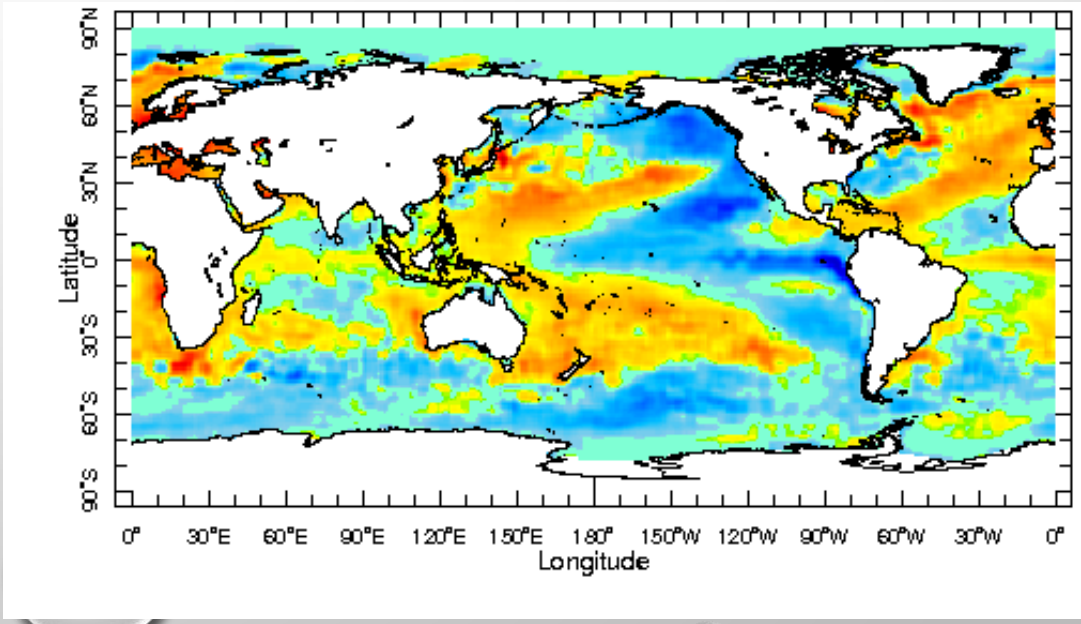
Stations	Latitude	Longitude	1993	2010	1984	1988	1991	1999	2007
ID%LBVAMJ	0.2	9.4	61.0	41.6	196.5	245.8	130.0	97.4	169.3
ID%POGAMJ	-0.7	8.8	91.5	16.1	138.8	212.1	155.4	136.6	168.6
MVGAMJ%	-1.65	13.42	106.6	73.1	108.7	115.0	132.1	146.3	117.0
LRENEAMJ%	-0.72	10.23	69.5	82.2	110.4	88.4	143.1	131.8	81.5
BITAMJ%	2.08	11.48	59.2	100.2	116.3	120.8	145.2	135.9	143.7



ANNÉES HUMIDES ET SÈCHES AMJ



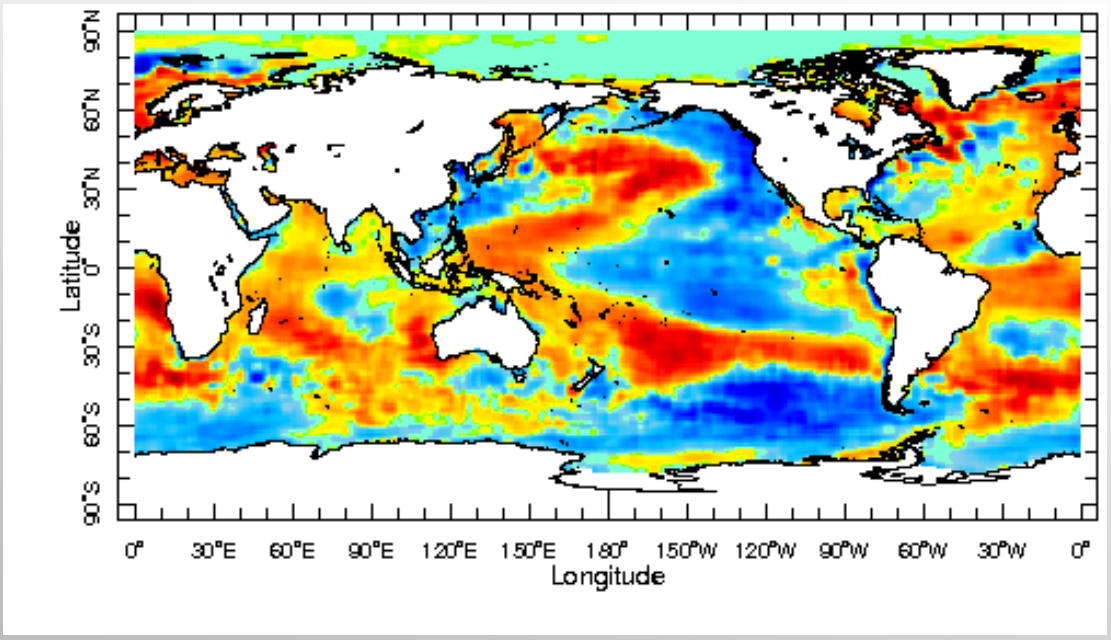
COMPOSITES SÈCHES



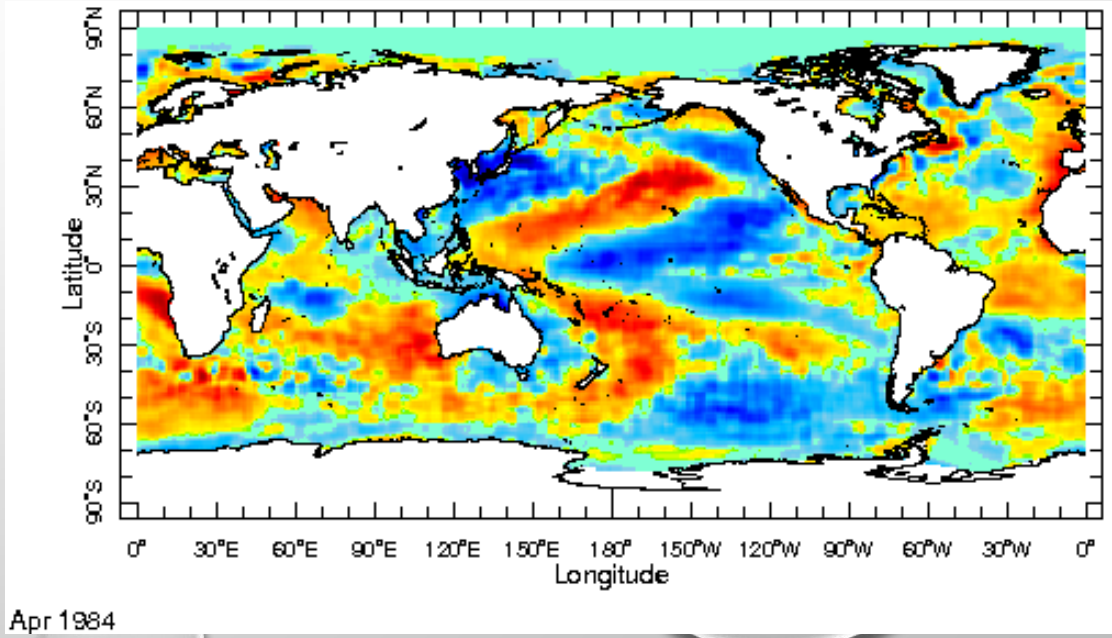
COMPOSITES HUMIDES

ANALOGUES

	LON	LAT	2011	2009	2001	1984
LBV	9.4	0.3	-303.8	166.7	409.7	58.8
POG	8.8	-0.7	-20.7	-182.7	67.5	-30.6
MVG	13.42	-1.65	-12.1	-161.8	-149.3	58.9
LRENE	10.23	-0.72	-81.5	-76.8	14.0	58.7
BIT	11.48	2.3	18.3	-53.5	-30.7	81.9



	LON	LAT	2011	1984
LBV	9.4	0.3	-303.8	58.8
POG	8.8	-0.7	-20.7	-30.6
MVG	13.42	-1.65	-12.1	58.9
LRENE	10.23	-0.72	-81.5	58.7
BIT	11.48	2.3	18.3	81.9



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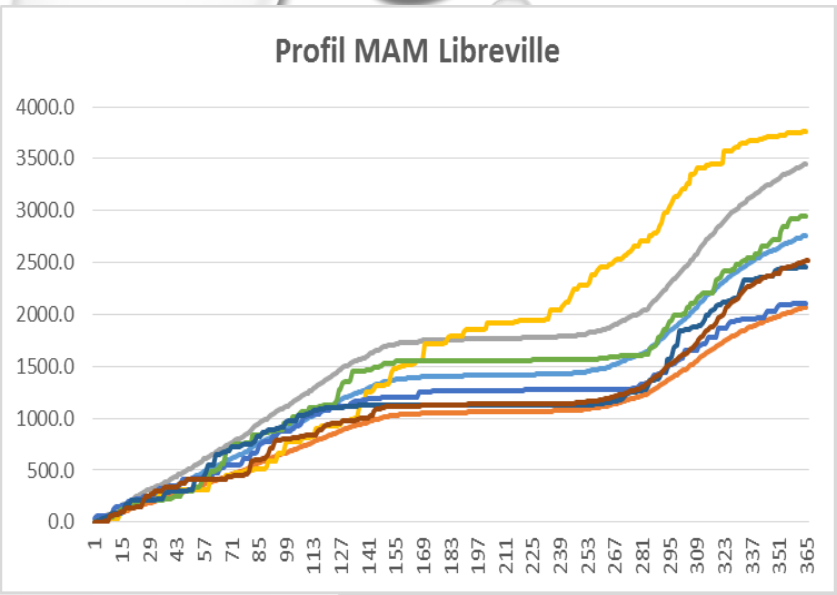
Profils MAM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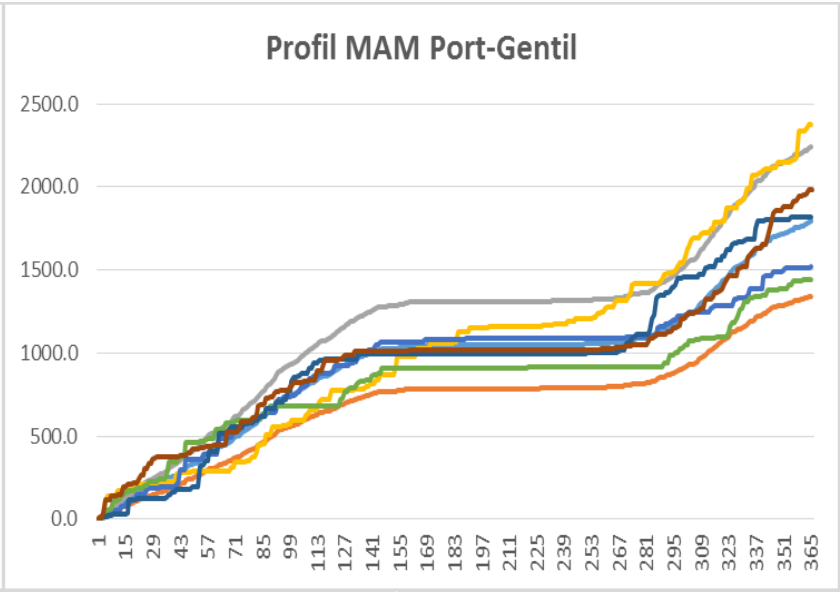
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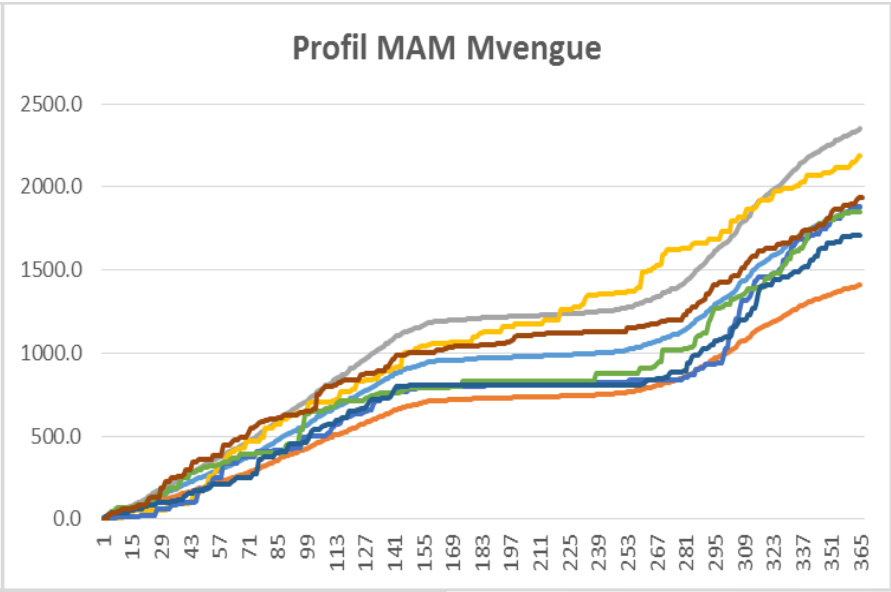
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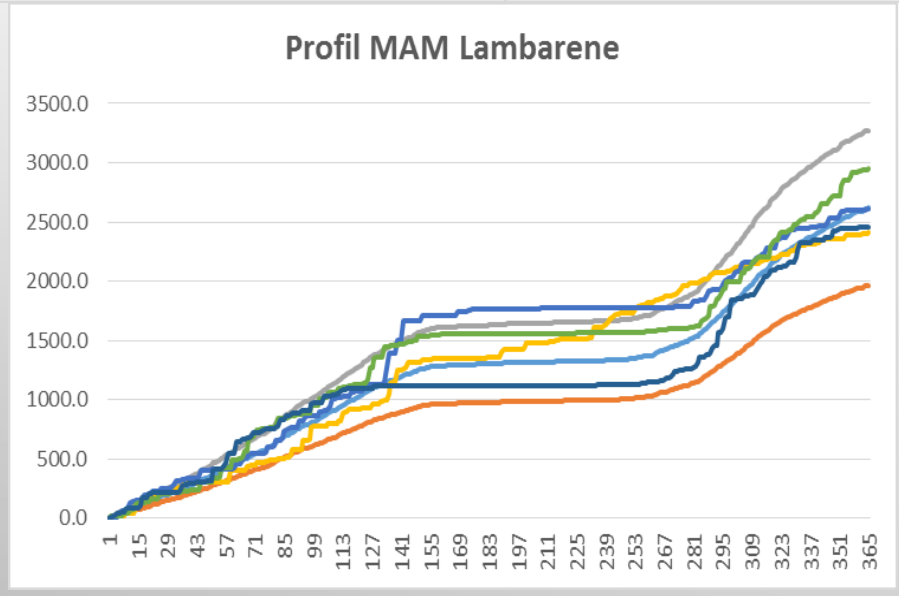
Profil MAM Lambarene
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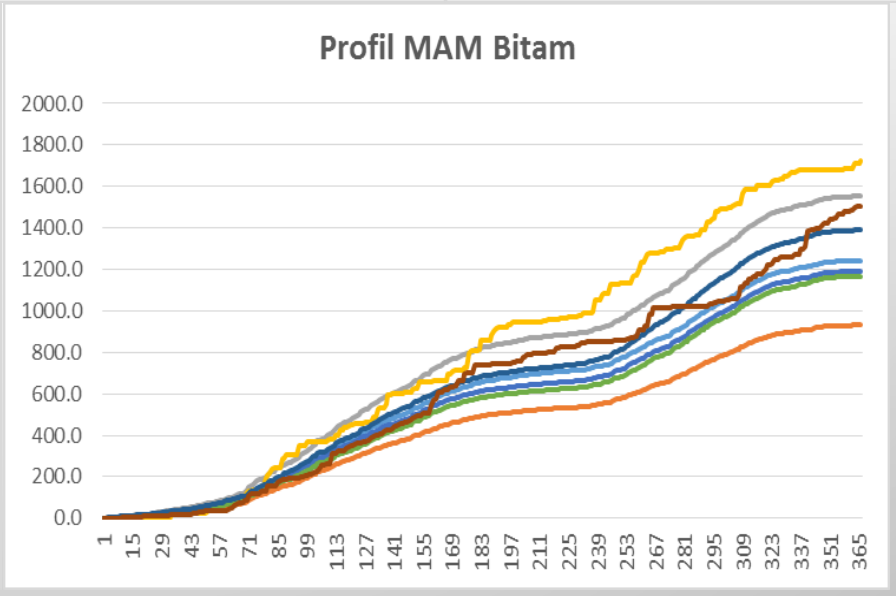
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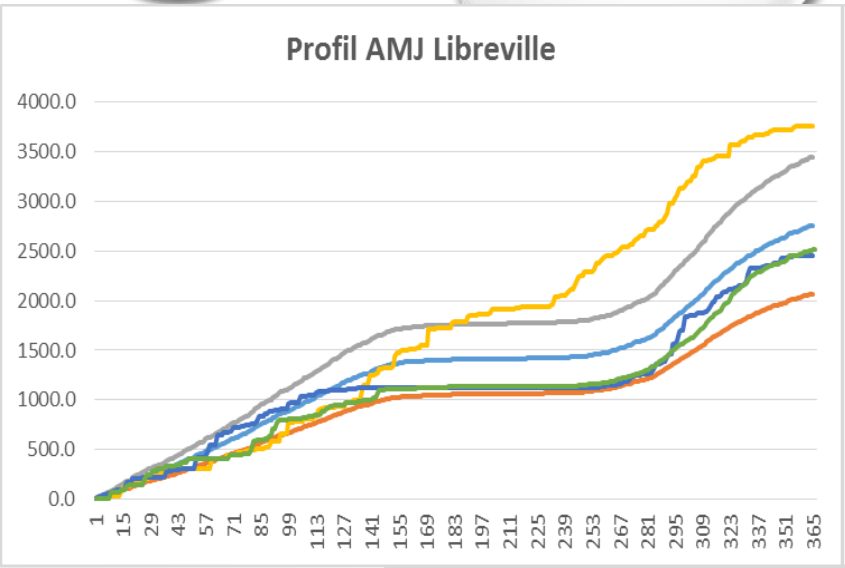
AMJ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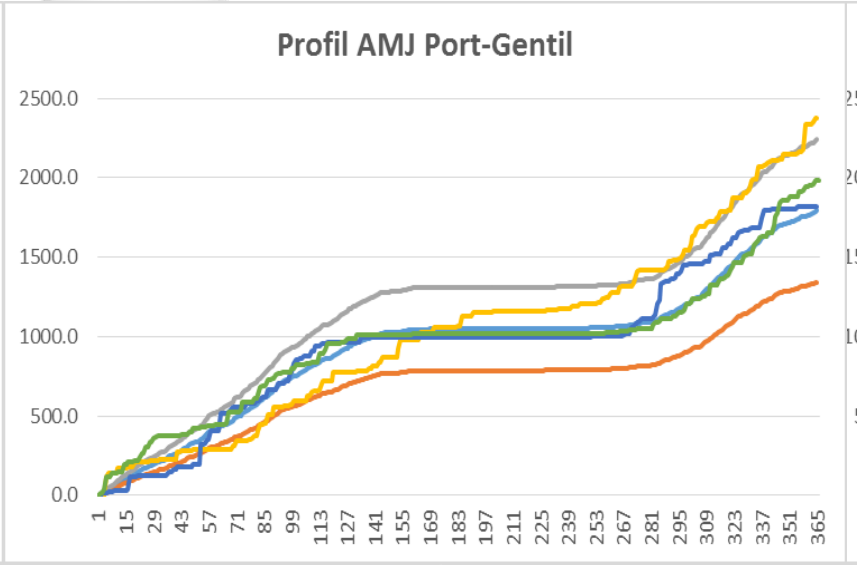
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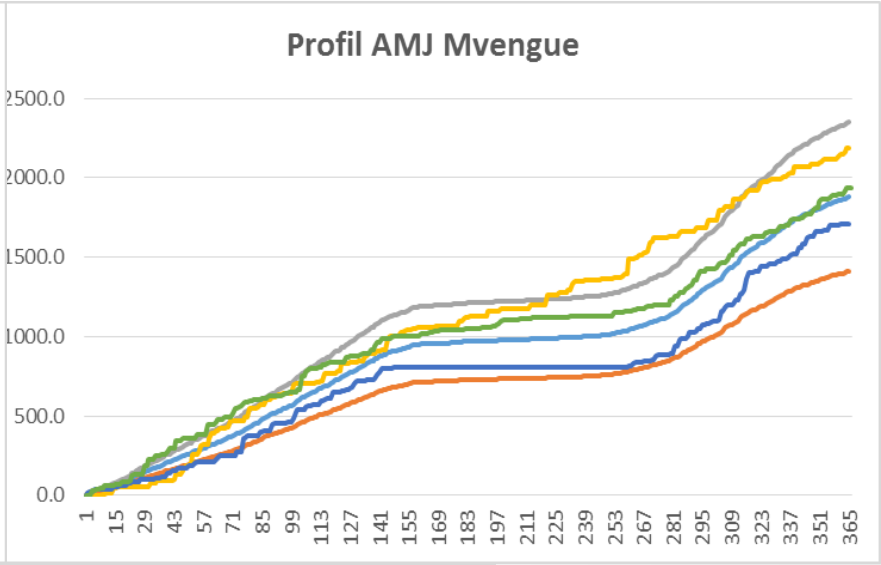
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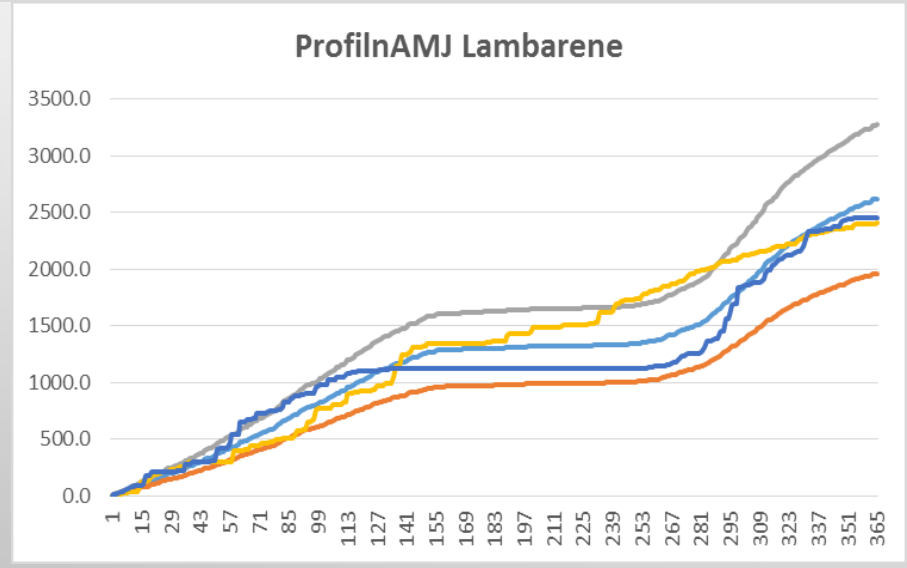
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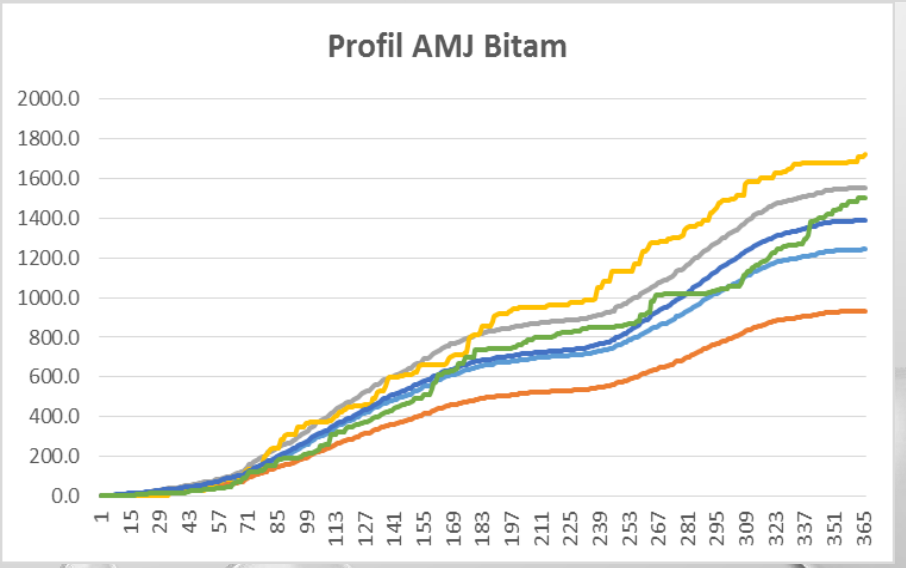
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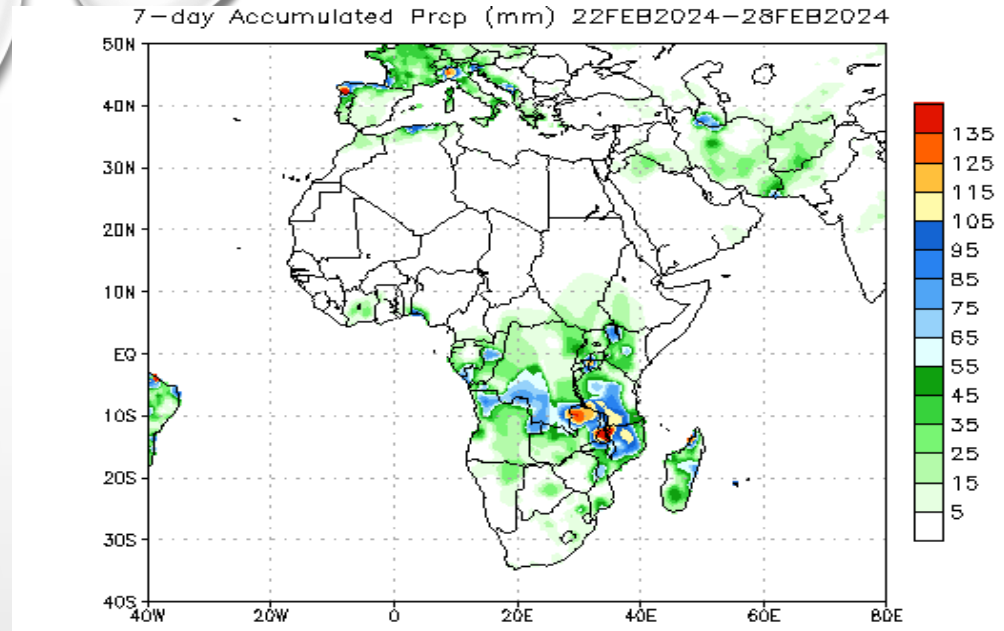
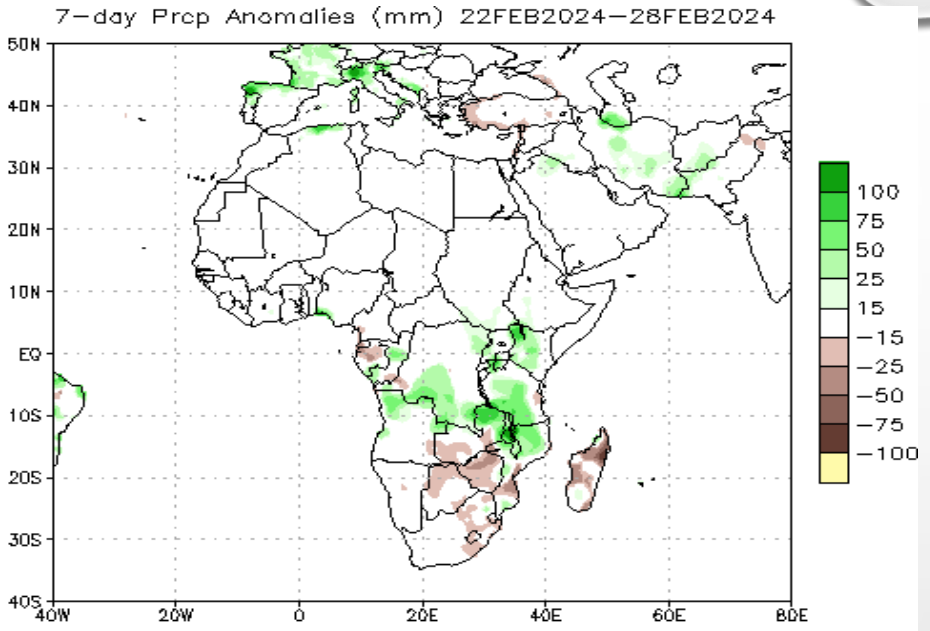
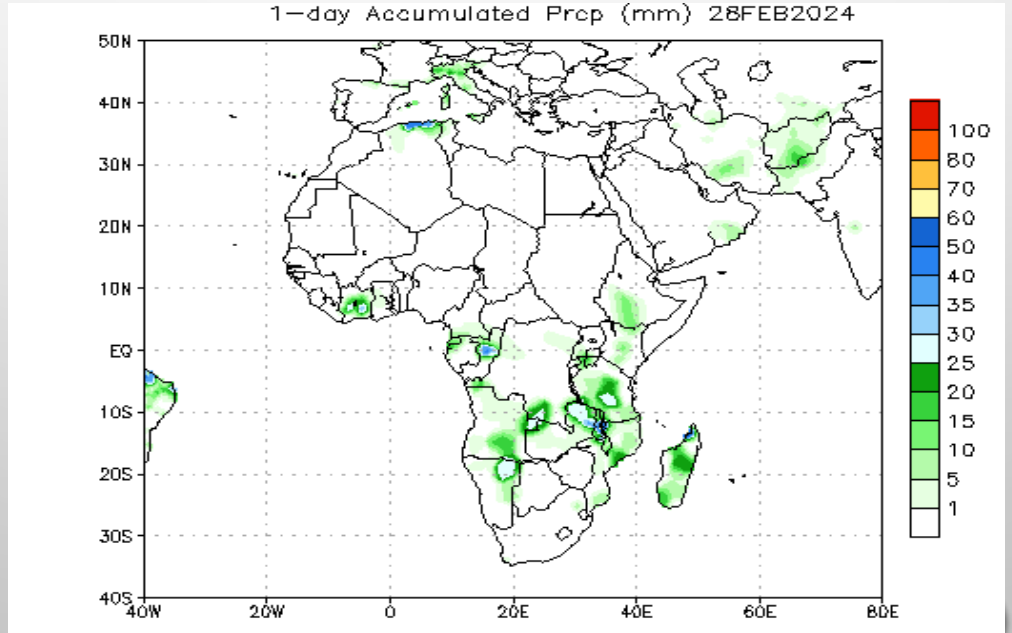


Data Source: CPC Unified (gauge-based & 0.5x0.5 deg resolution) Precipitation Analysis



Data Source: CPC Unified (gauge-based & 0.5x0.5 deg resolution) Precipitation Analysis Climatology (1991-2020)



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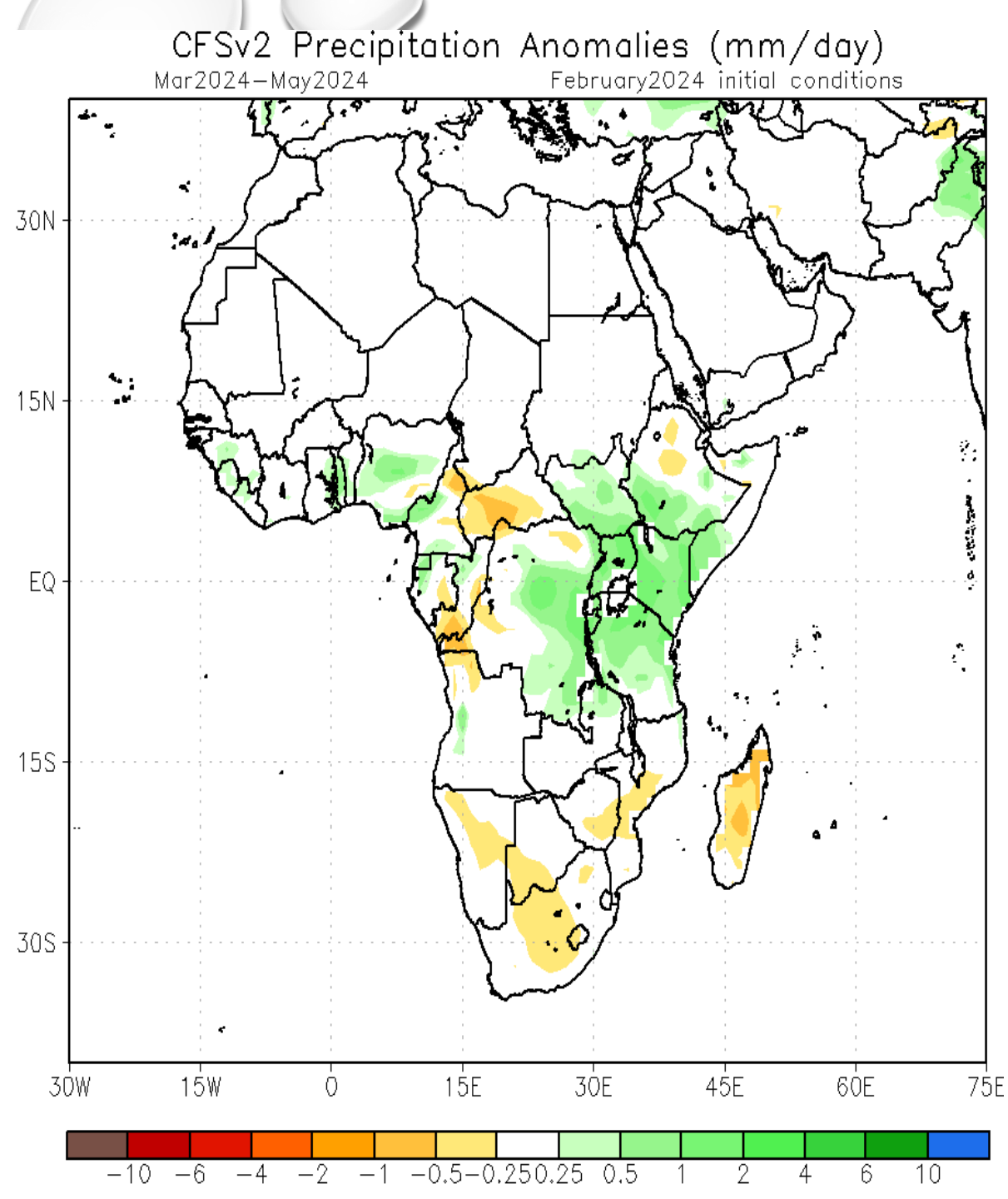
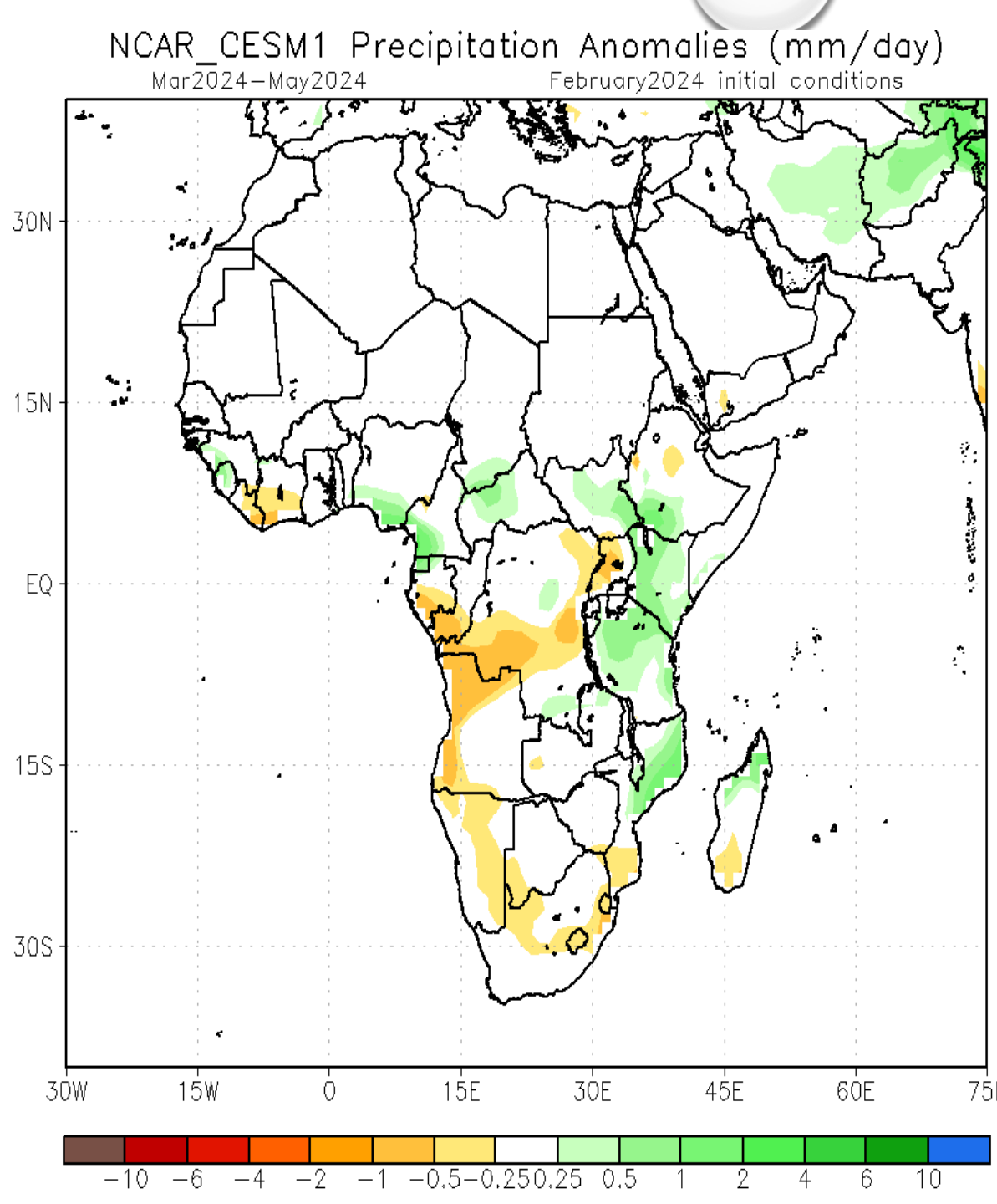
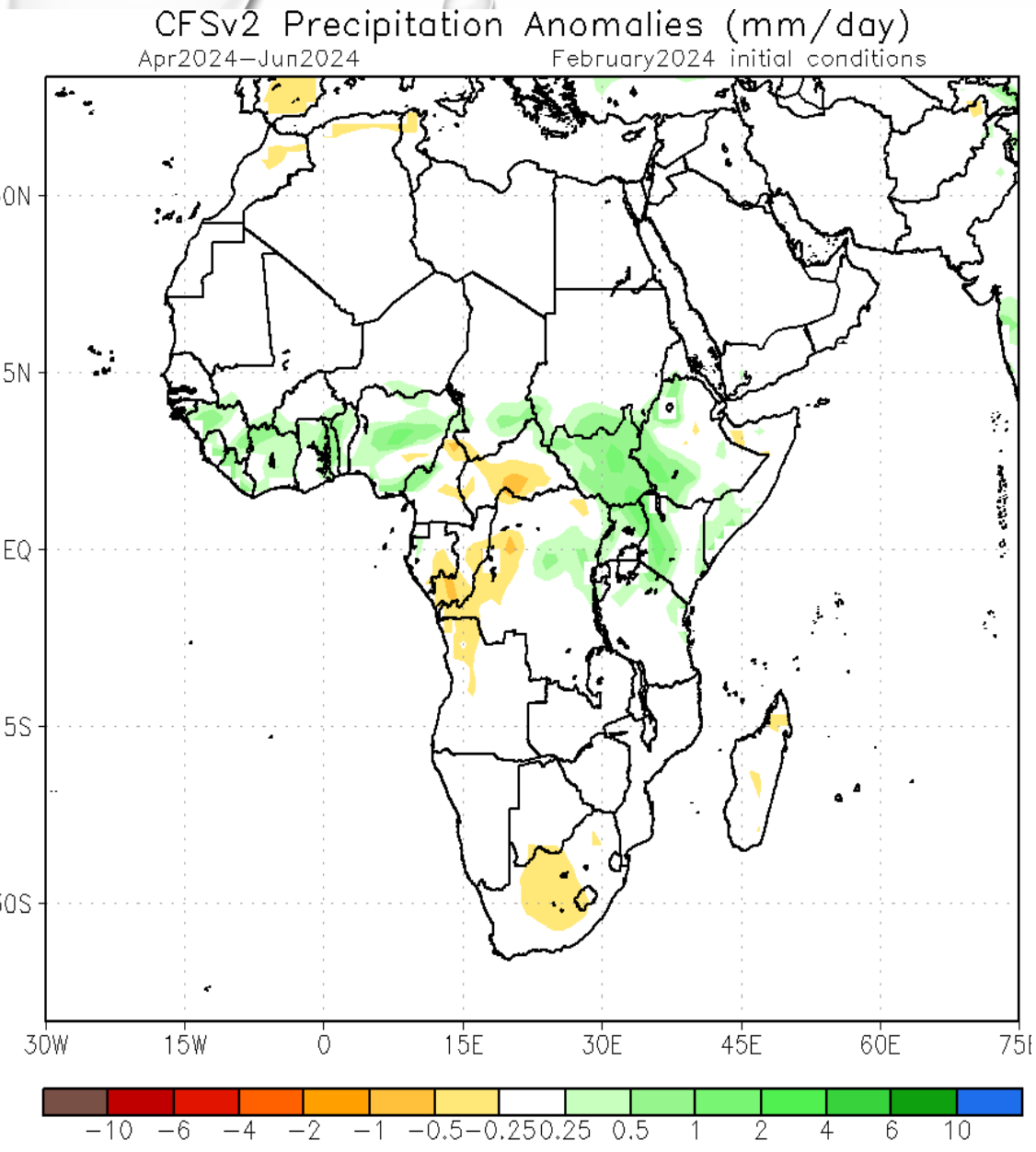
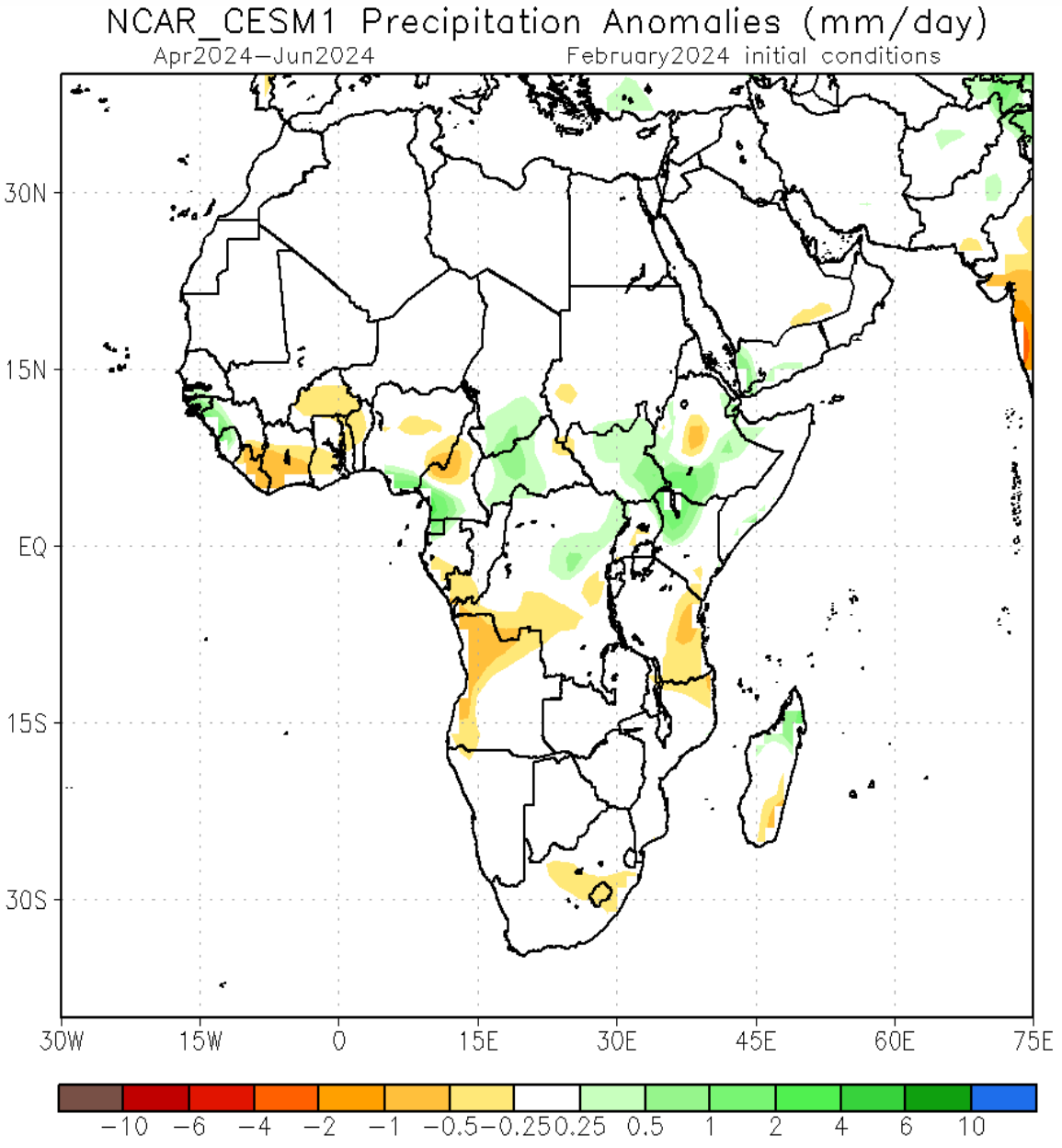

CFSv2 Precipitation Anomalies (mm/day)
Mar2024–May2024
February2024 initial conditions
30N
15N
EQ
15S
30S
30W
15W
0
15E
30E
45E
60E
75E
−10 −6 −4 −2 −1 −0.5 −0.25 0.25 0.5 1 2 4 6 10

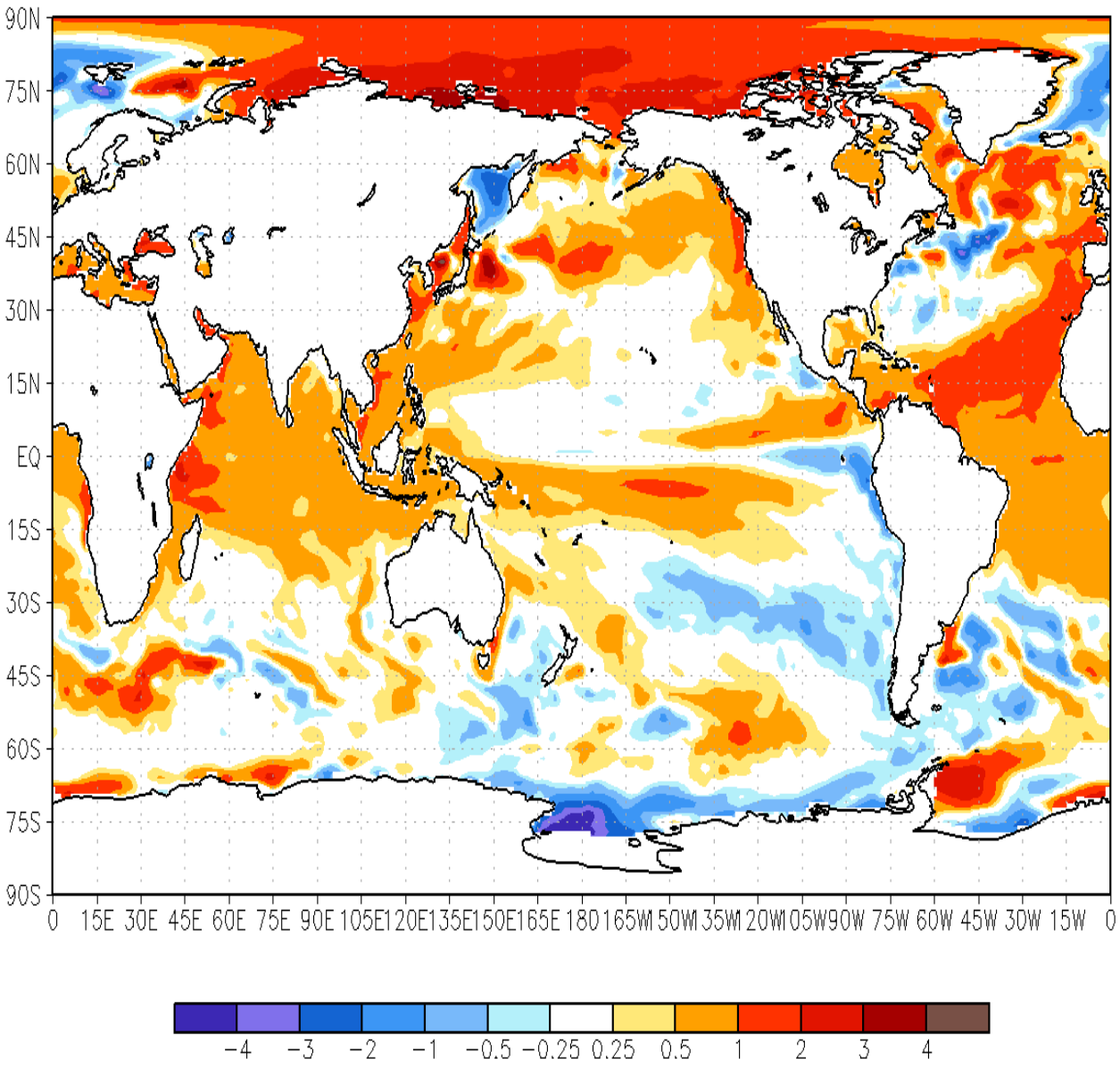

NCAR_CESM1 Precipitation Anomalies (mm/day)
Mar2024–May2024
February2024 initial conditions
30N
15N
EQ
15S
30S
30W
15W
0
15E
30E
45E
60E
−10 −6 −4 −2 −1 −0.5 −0.25 0.25 0.5 1 2 4 6 10


CFSv2 Precipitation Anomalies (mm/day)
Apr2024–Jun2024
February2024 initial conditions
0N
5N
EQ
5S
0S
30W
15W
0
15E
30E
45E
60E
75E
−10 −6 −4 −2 −1 −0.5 −0.25 0.25 0.5 1 2 4 6 10


NCAR_CESM1 Precipitation Anomalies (mm/day)
Apr2024–Jun2024
February2024 initial conditions
30N
15N
EQ
15S
30S
30W
15W
0
15E
30E
45E
60E
75E
−10 −6 −4 −2 −1 −0.5 −0.25 0.25 0.5 1 2 4 6 10

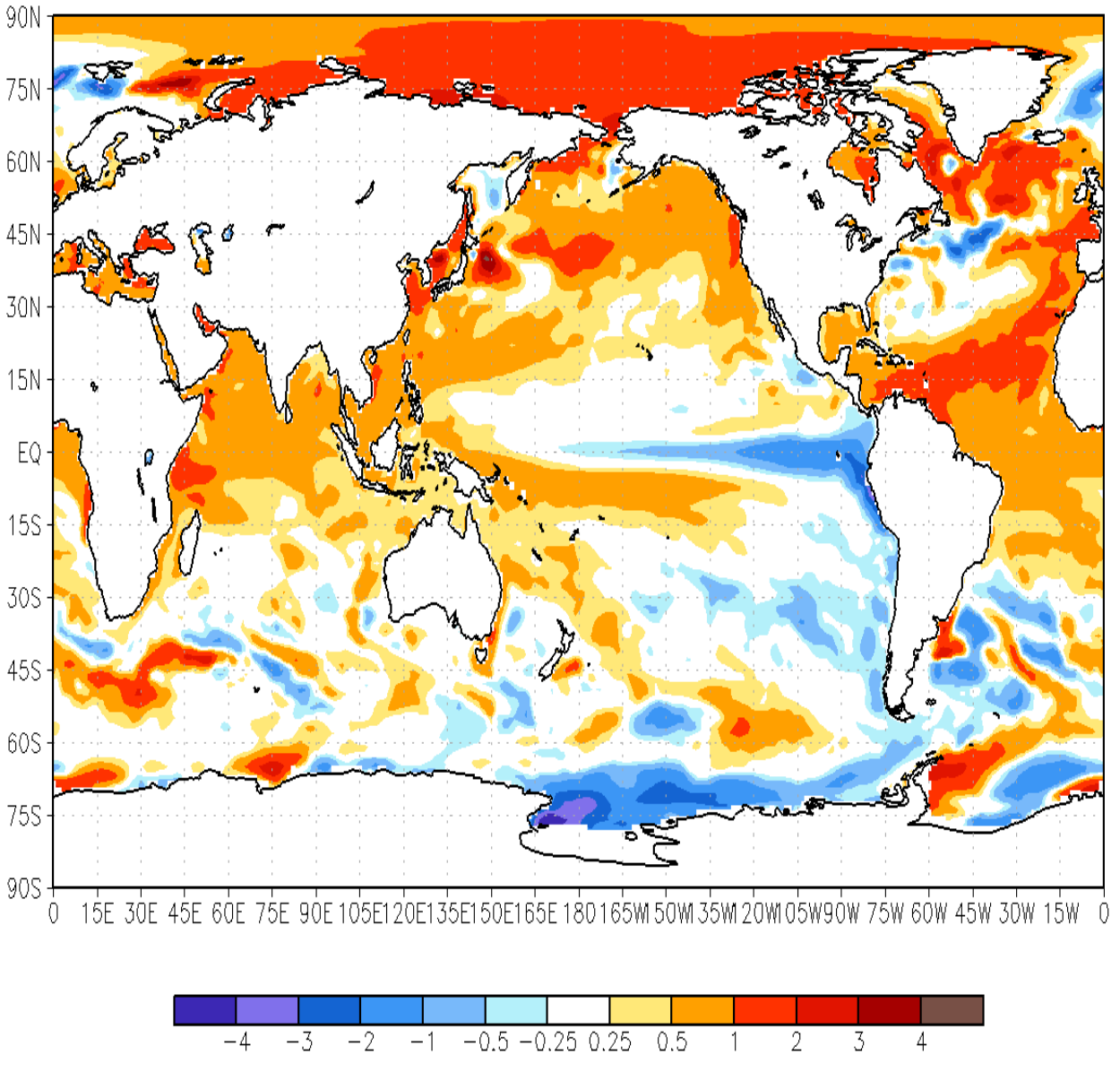
CFSv2 Sea Surface Temperature Anomalies (DecC)

Mar2024–May2024 February2024 initial conditions



CFSv2 Sea Surface Temperature Anomalies (DecC)

Apr2024–Jun2024 February2024 initial conditions



NMME Sea Surface Temperature Anomalies (DecC)

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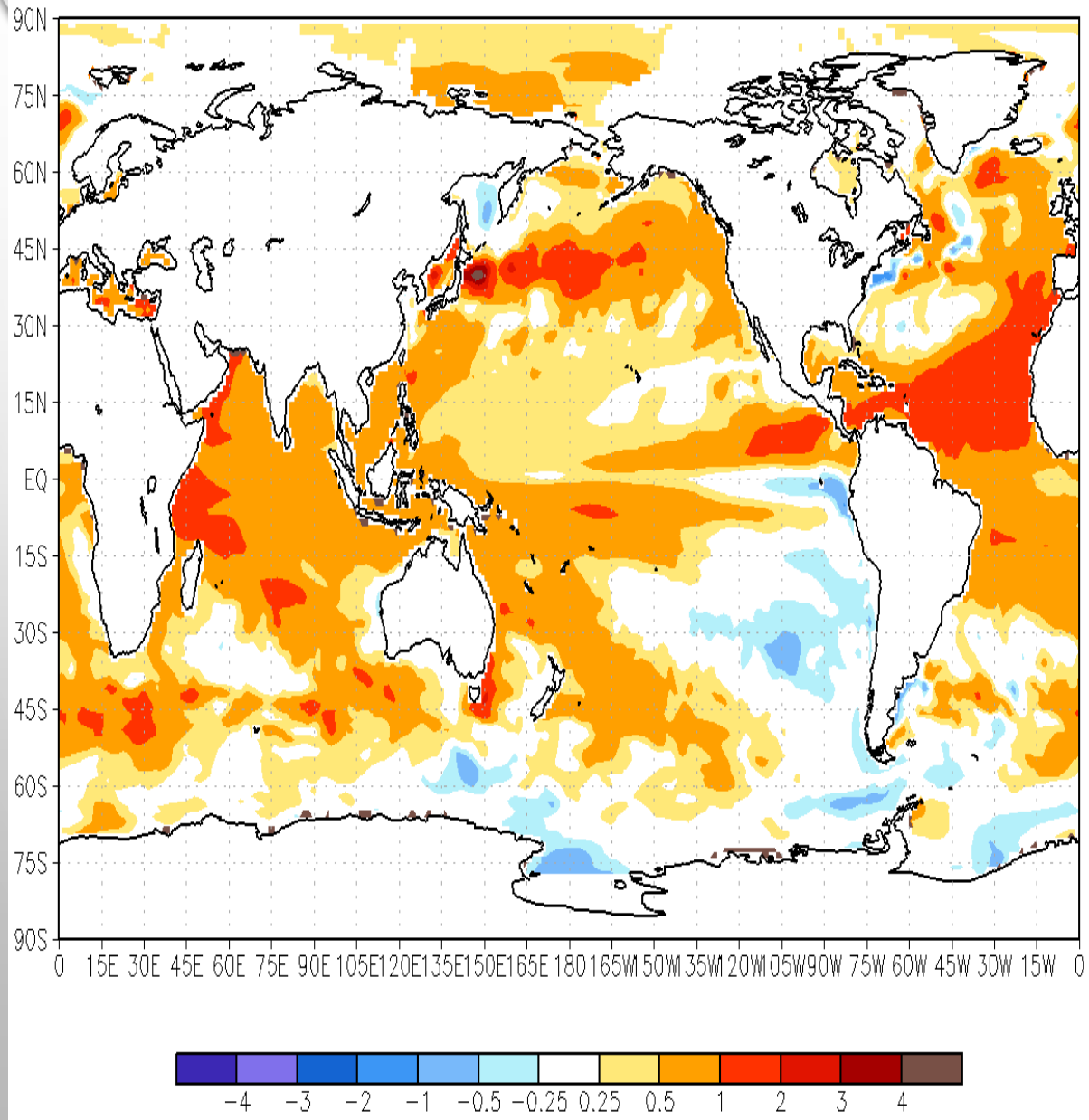
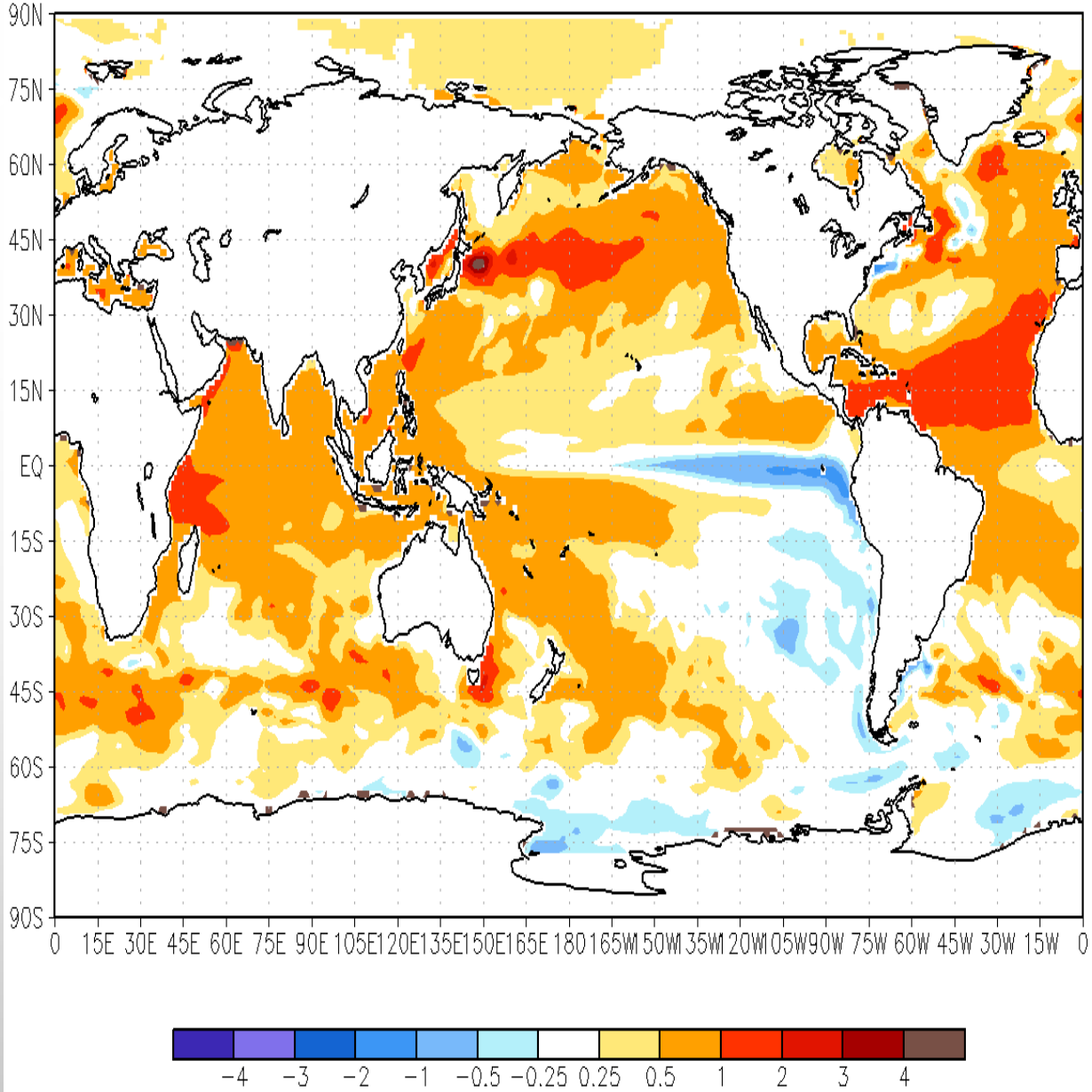


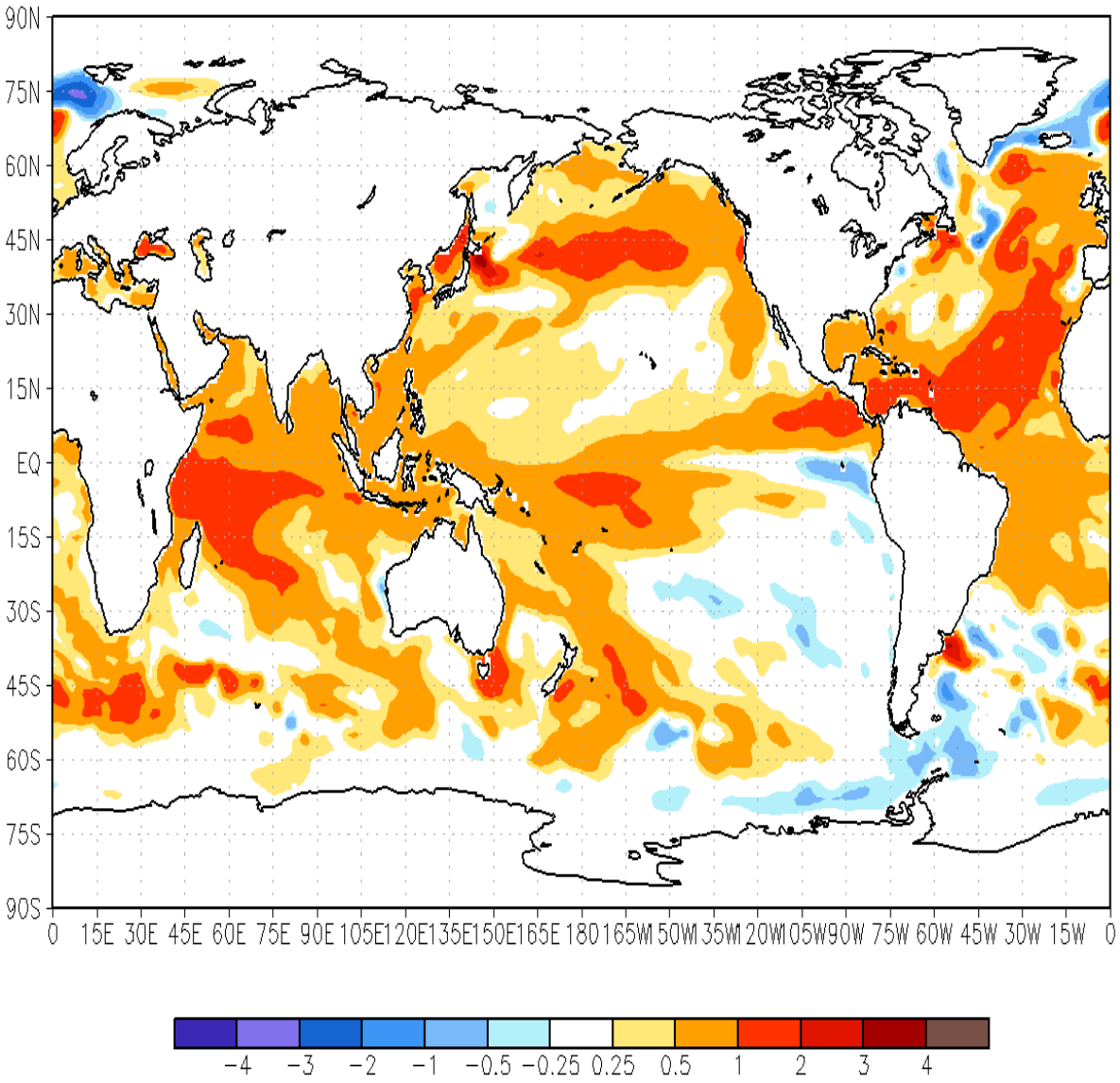
NMME Sea Surface Temperature Anomalies (DecC)

Apr2024–Jun2024 February2024 initial conditions



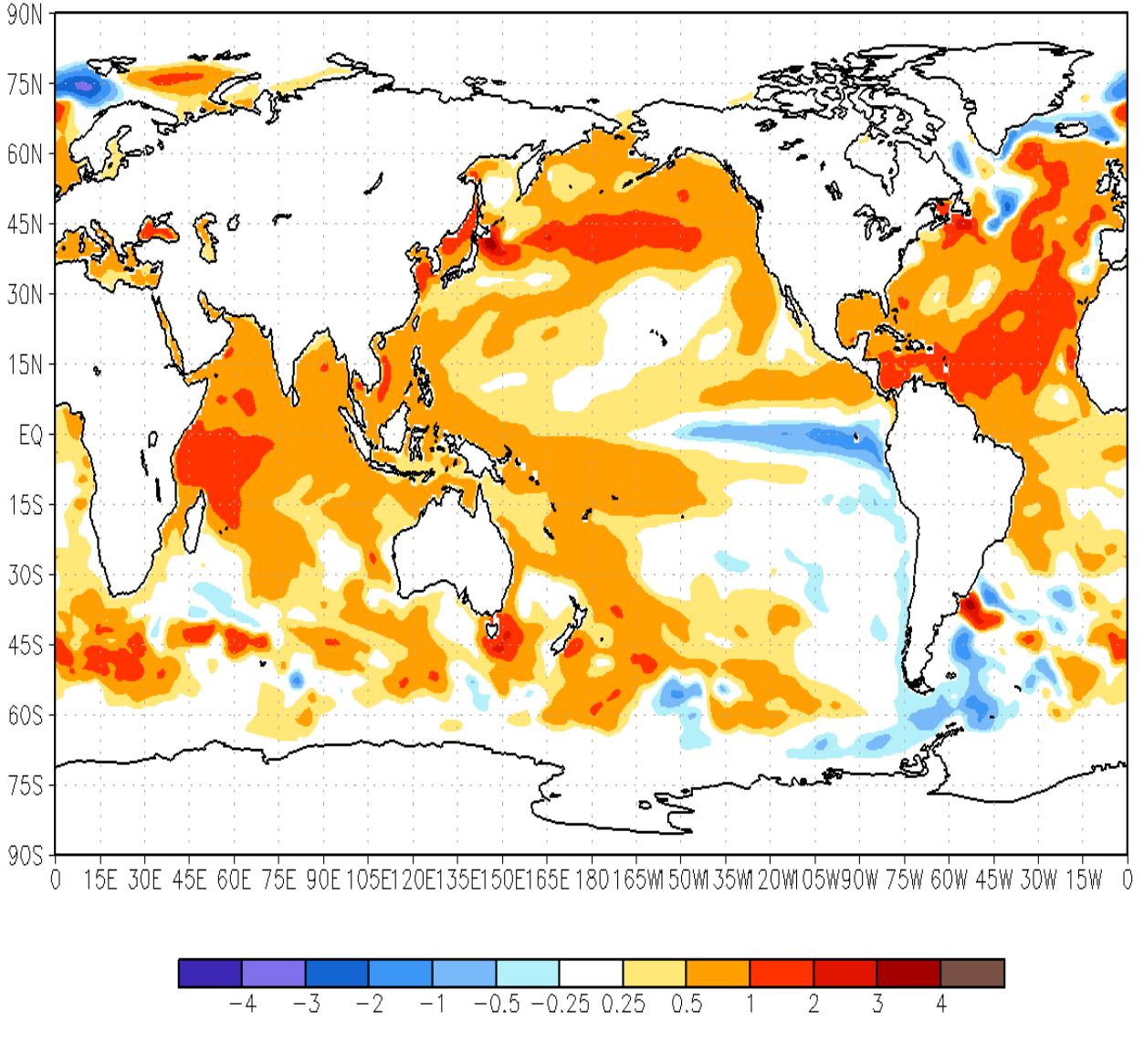
NCAR_CESM1 Sea Surface Temperature Anomalies (DecC)

Mar2024–May2024 February2024 initial conditions



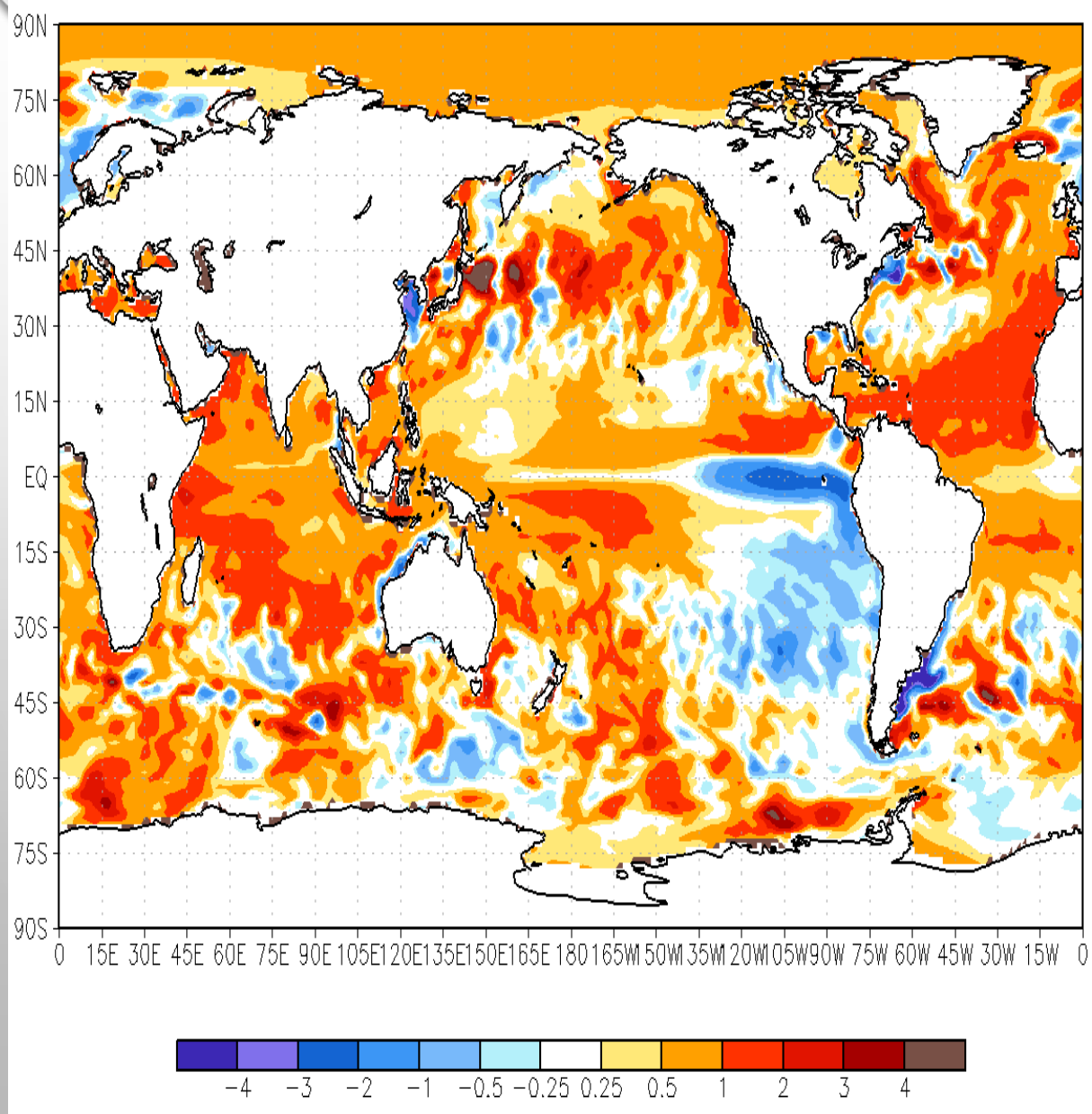
NCAR_CESM1 Sea Surface Temperature Anomalies (DecC)

Apr2024–Jun2024 February2024 initial conditions



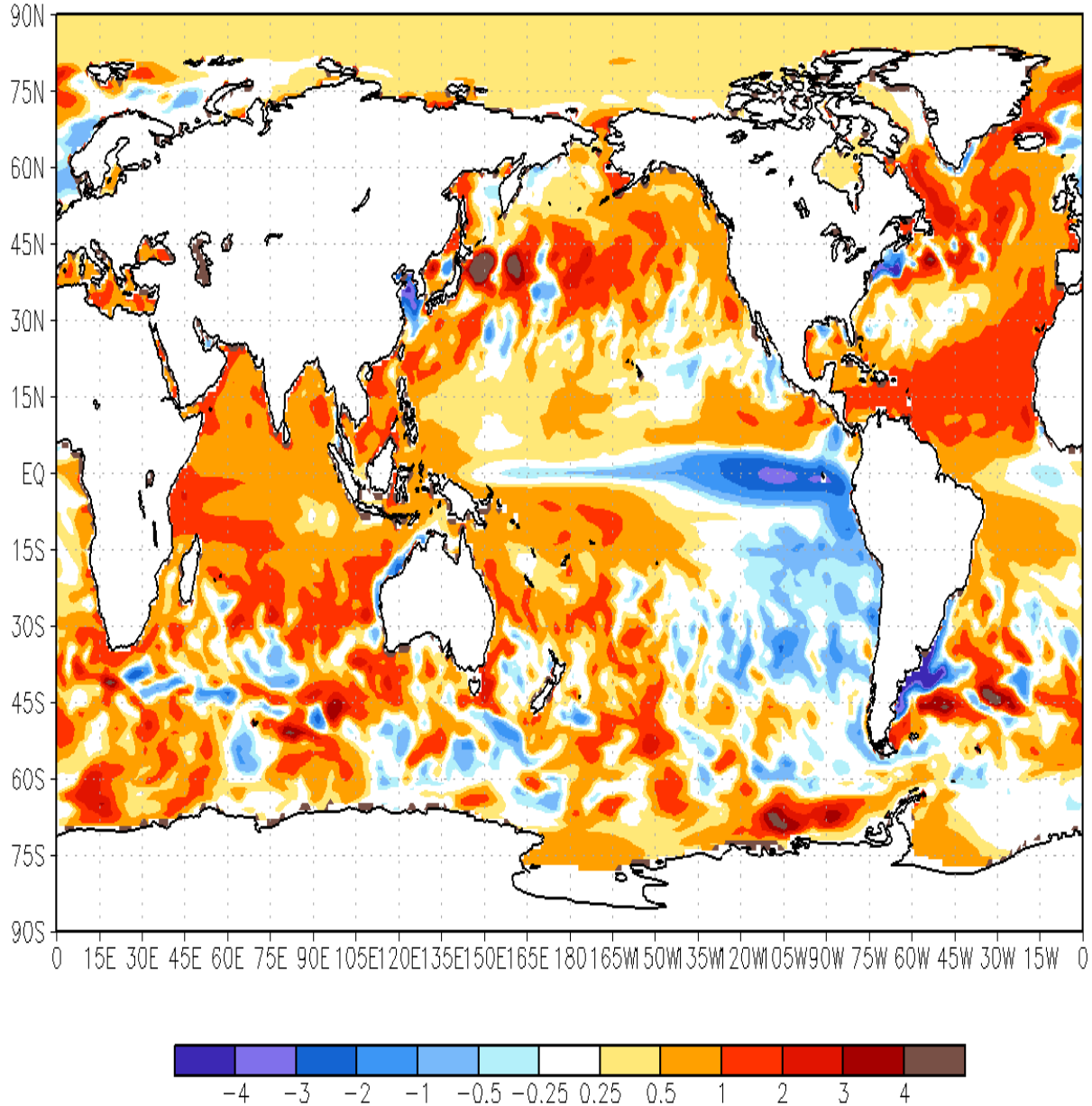
NASA_GEOS5v2 Sea Surface Temperature Anomalies (DecC)

Mar2024–May2024 February2024 initial conditions



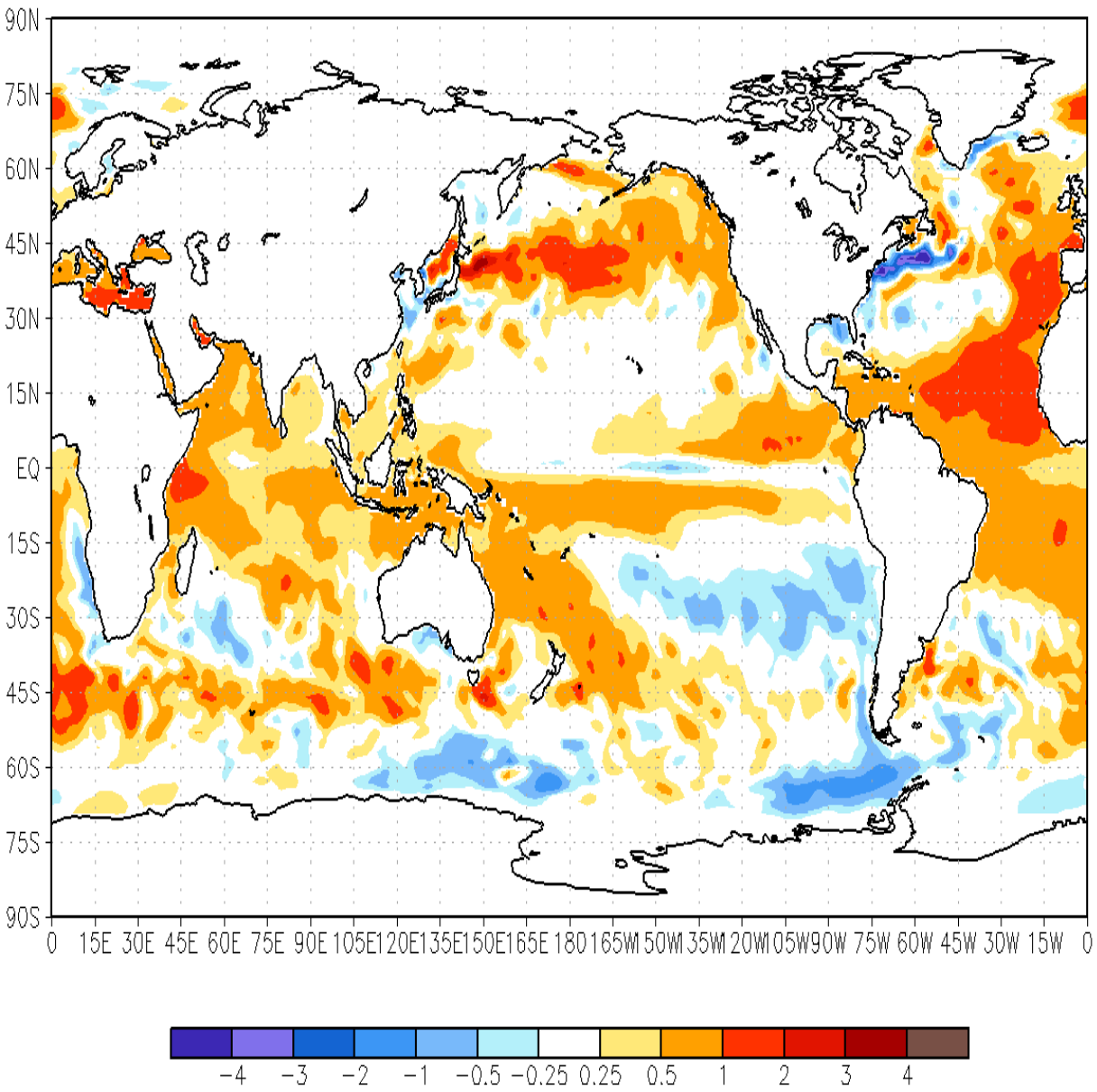
NASA_GEOS5v2 Sea Surface Temperature Anomalies (DecC)

Apr2024–Jun2024 February2024 initial conditions



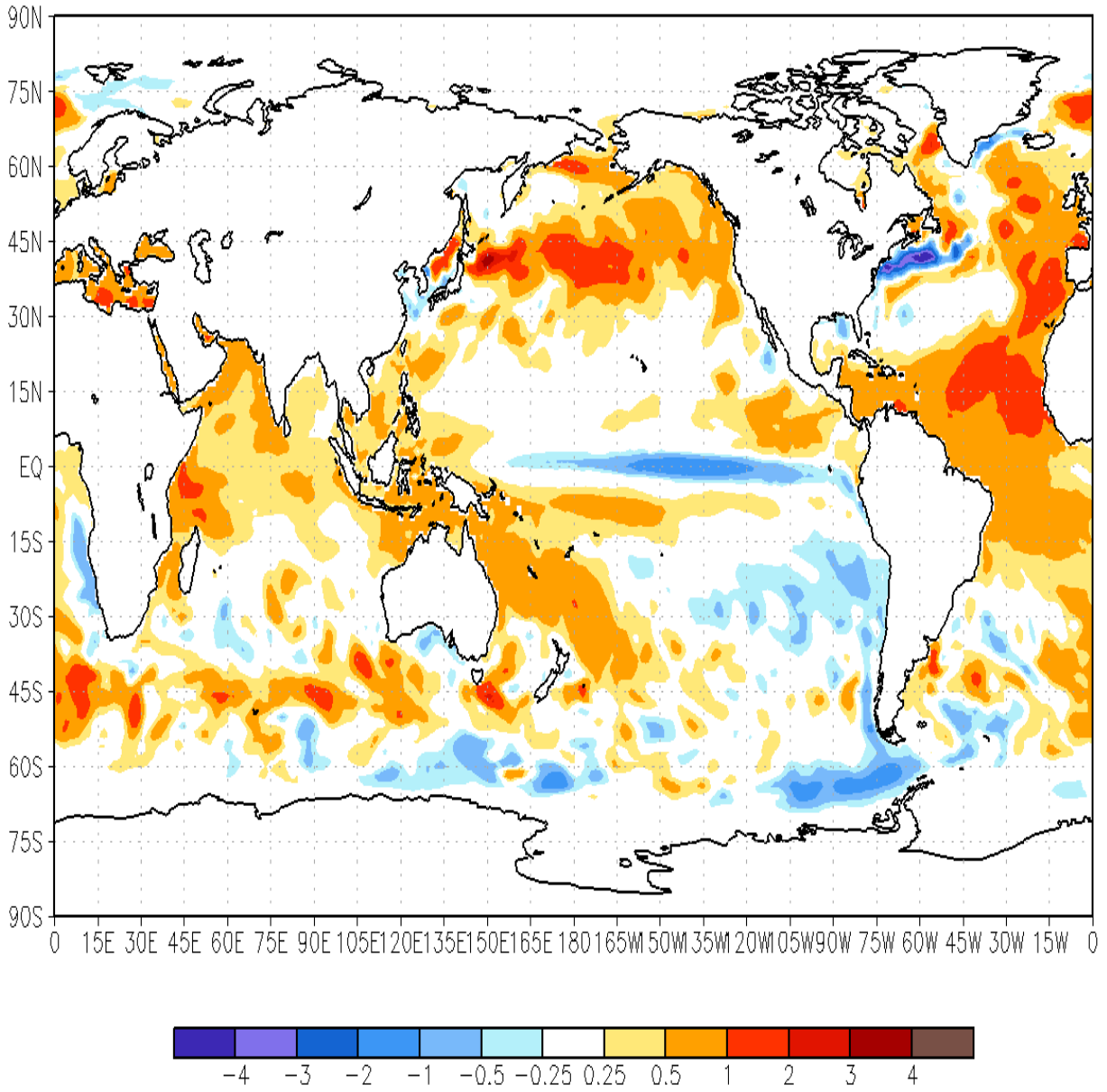
GEM5_NEMO Sea Surface Temperature Anomalies (DecC)

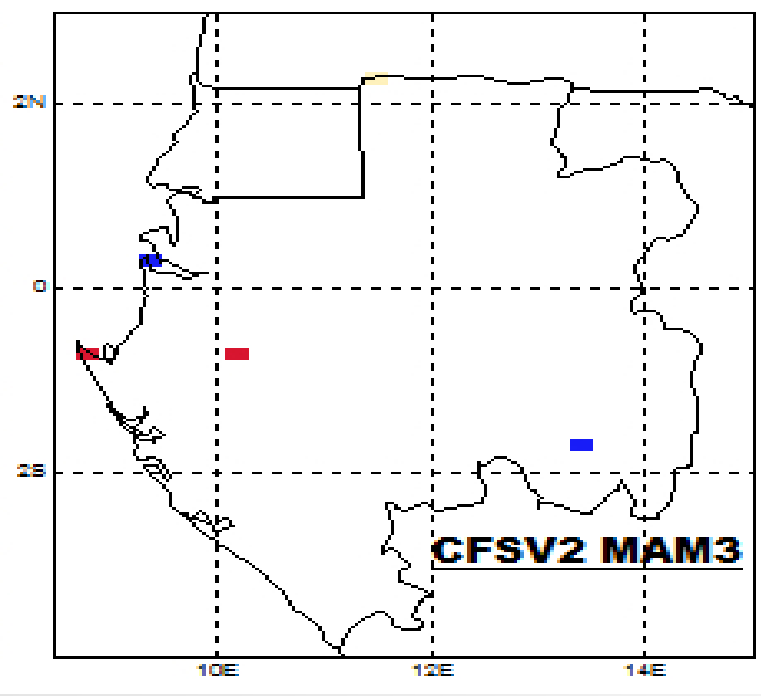
Mar2024–May2024 February2024 initial conditions

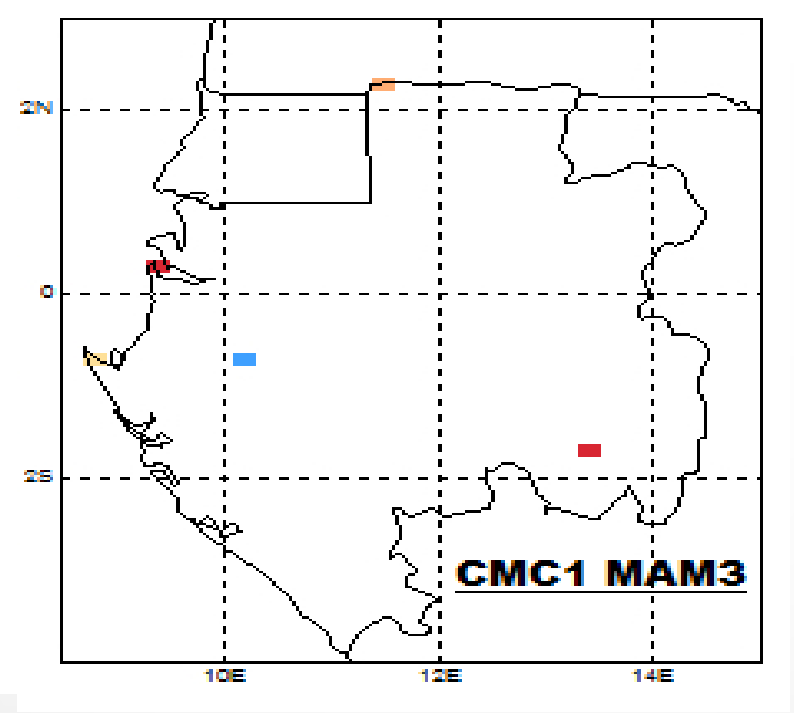


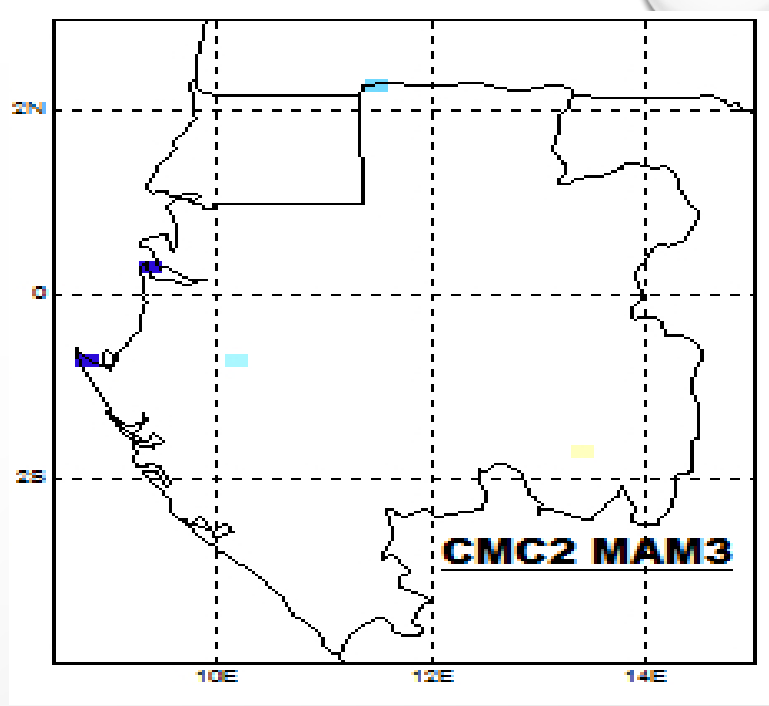
GEM5_NEMO Sea Surface Temperature Anomalies (DecC)

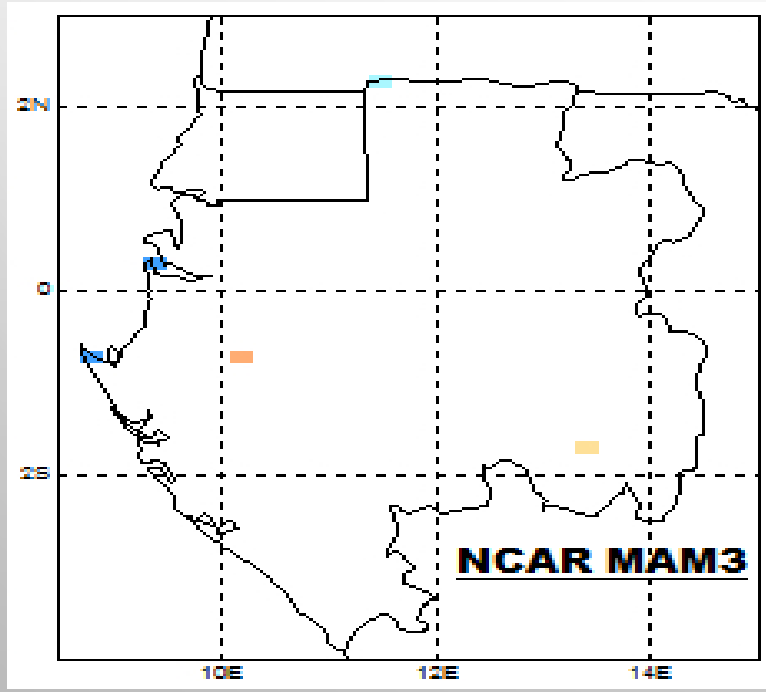
Apr2024–Jun2024 February2024 initial conditions

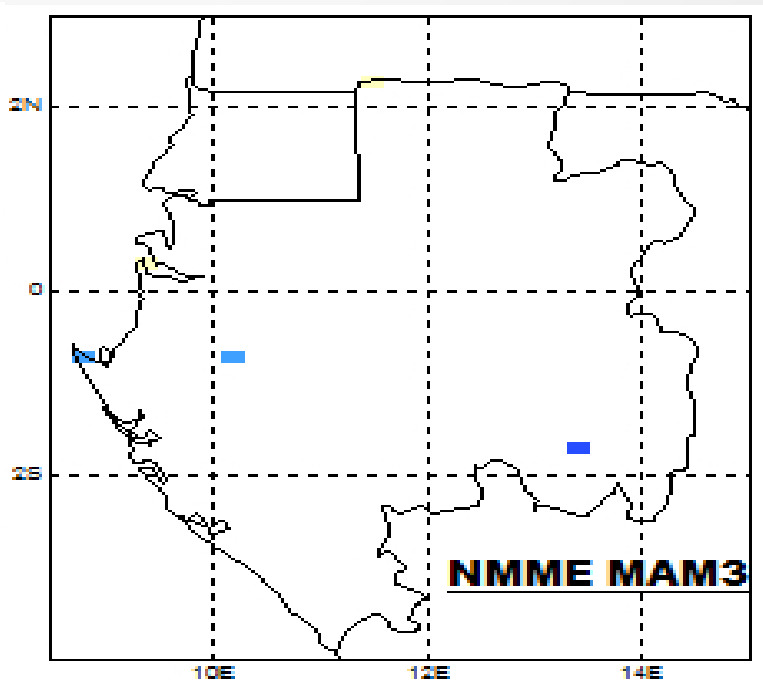




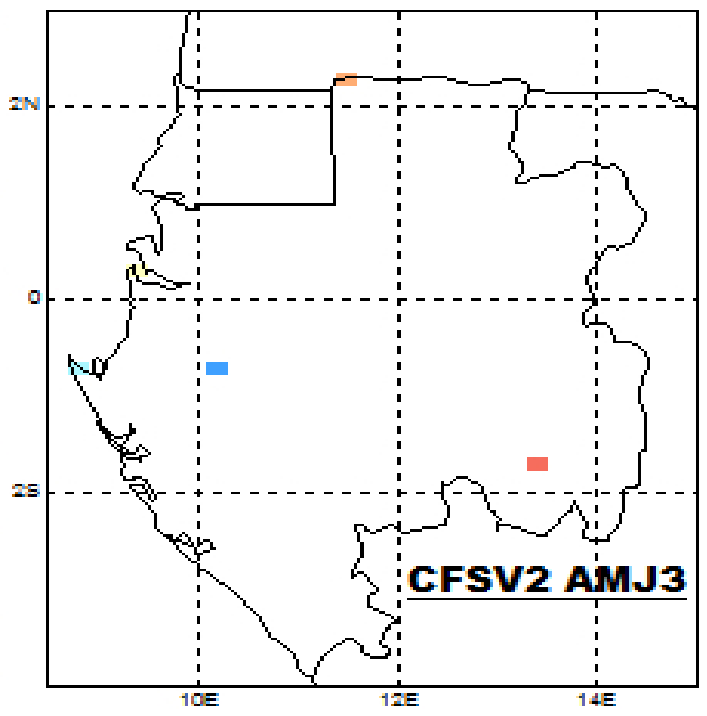


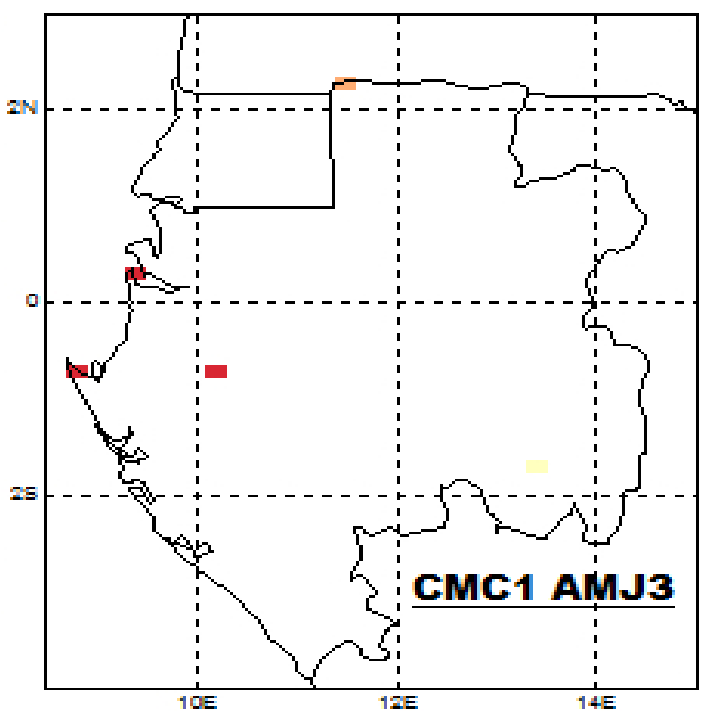


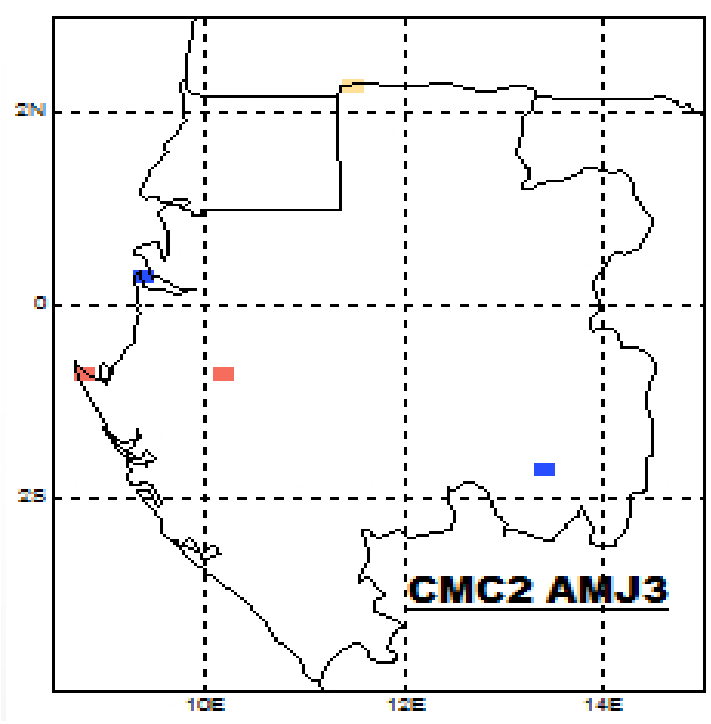


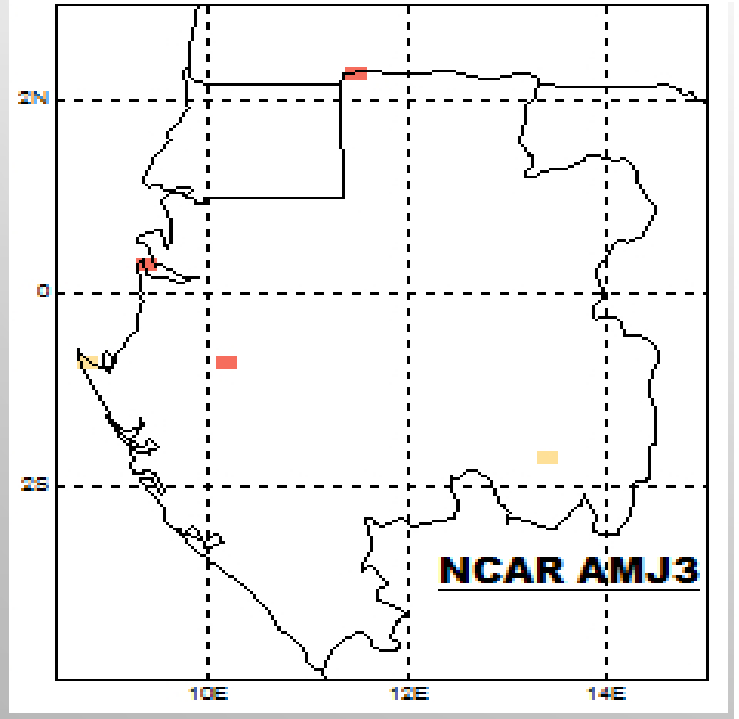


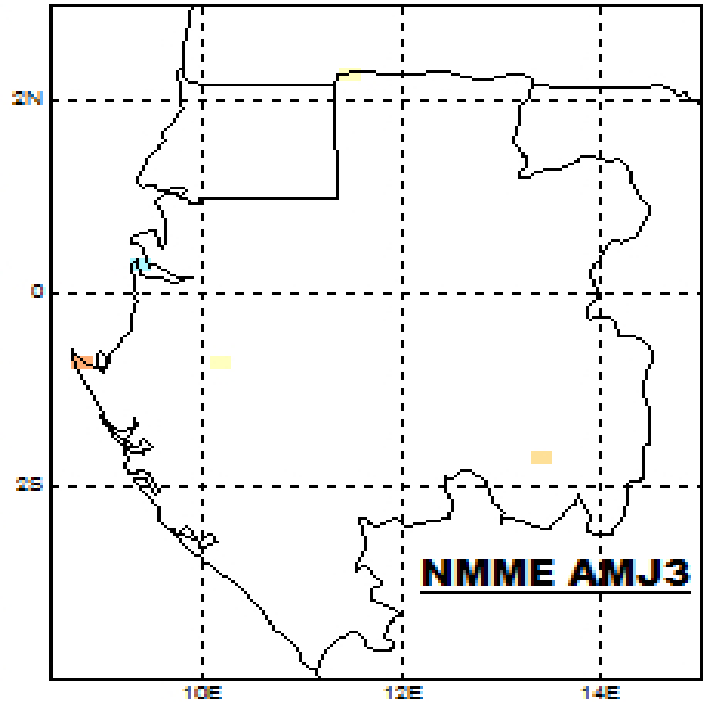
L'analyse des sorties CPT







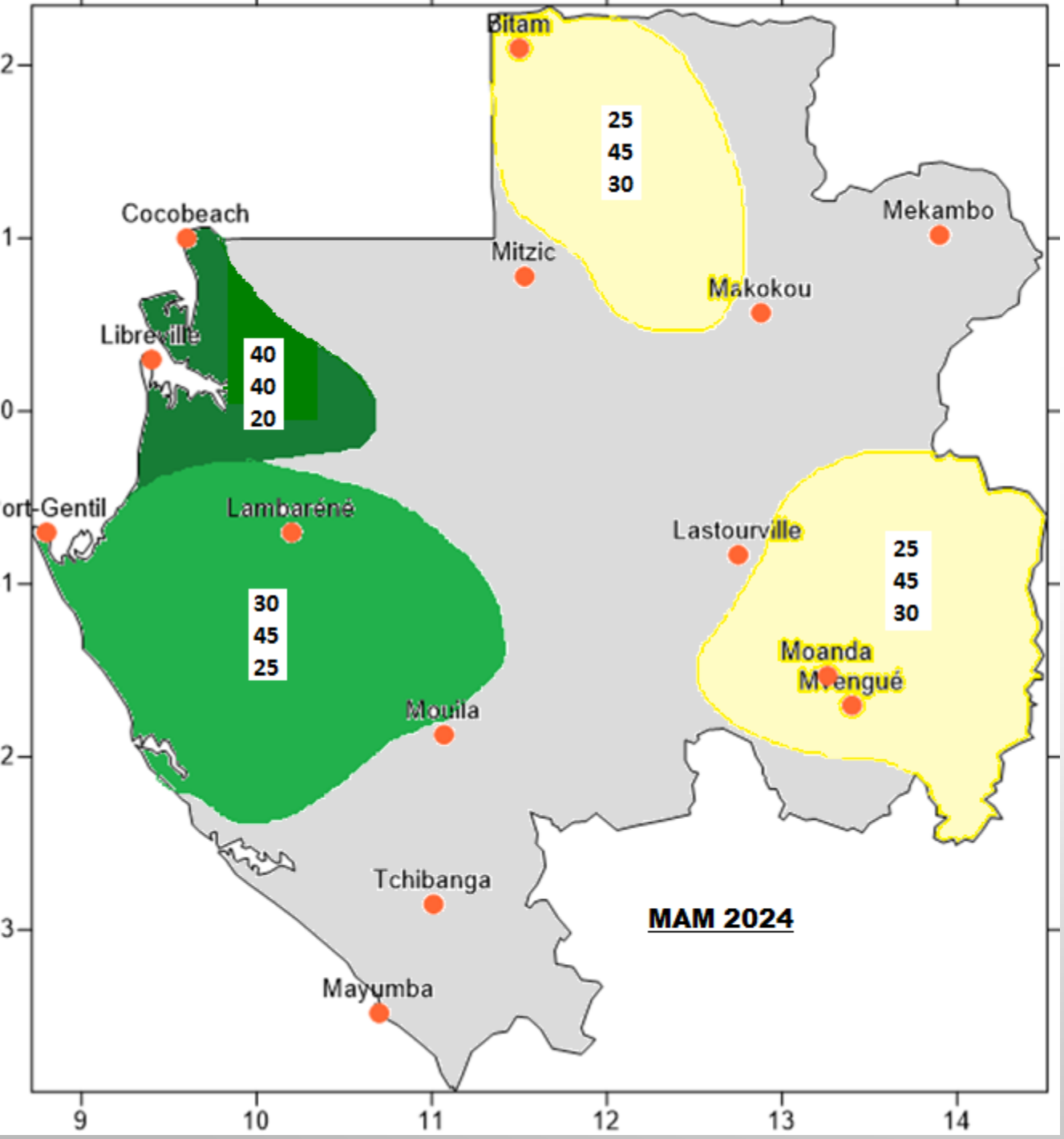




L'analyse des sorties CPT

PERSPECTIVE DU CLIMAT

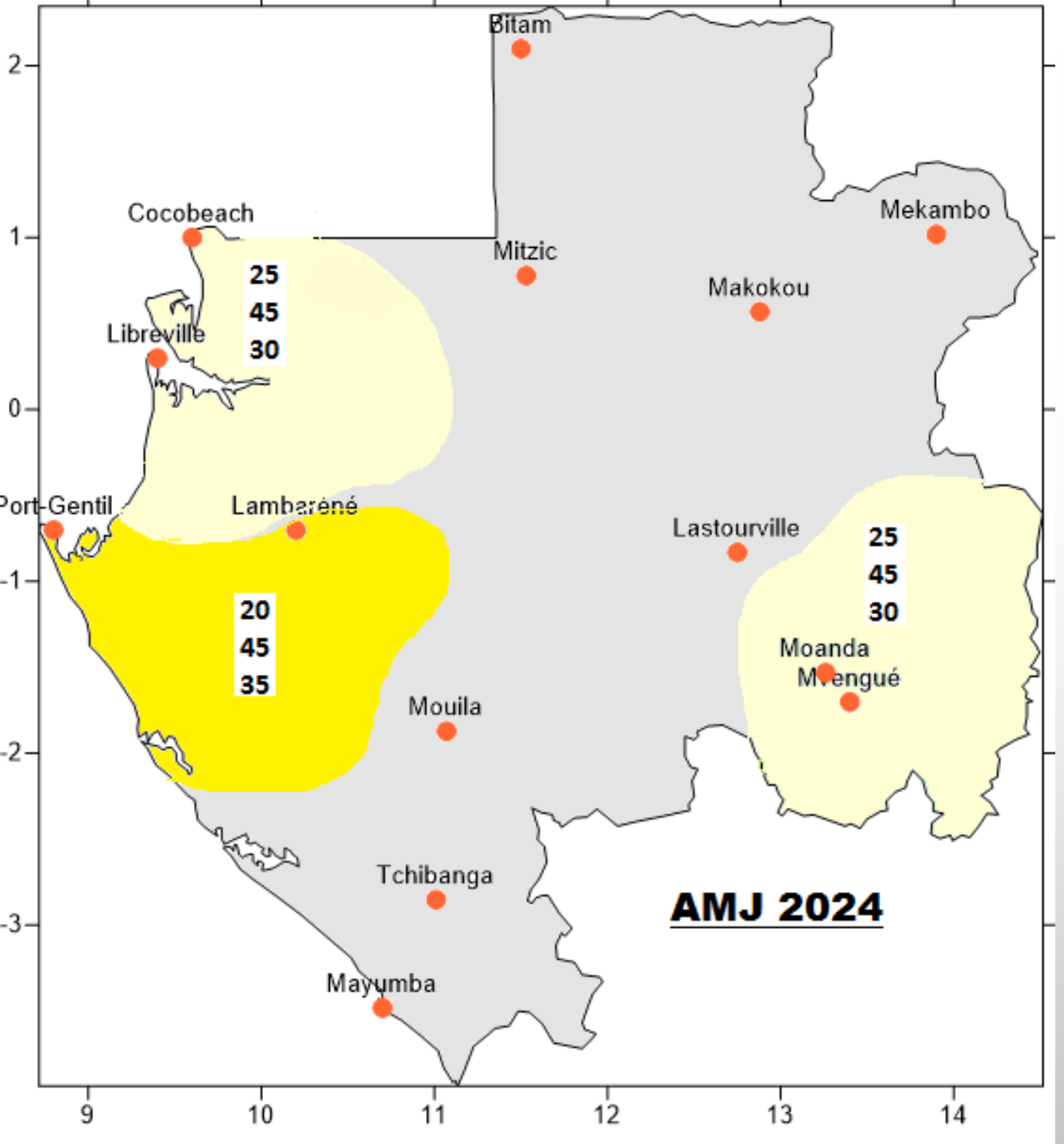
En tenant compte de la connaissance de la variabilité climatique du pays, des anomalies des SST et leur tendance, des analyses et interprétations des produits de prévisions à l'échelle mondiale des grands centres, la perspective du climat se présente comme suit :



Des précipitations normales à excédentaires intéresseront les parties ouest et sud-ouest du pays.

Le nord et le sud-est seront caractérisés par des précipitations moyennes à déficitaires.

	PRECIPITATION EXCEDENTAIRE
	PRECIPITATION NORMALE A LEGEREMENT EXCEDENTAIRE
	PRECIPITATION NORMALE
	PRECIPITATION NORMALE A LEGEREMENT DEFICITAIRE
	PRECIPITATION DEFICITAIRE



Des précipitations normales à déficitaires intéresseront la bande côtière ouest et la partie sud-est du pays.

	PRECIPITATION EXCEDENTAIRE
	PRECIPITATION NORMALE A LEGEREMENT EXCEDENTAIRE
	PRECIPITATION NORMALE
	PRECIPITATION NORMALE A LEGEREMENT DEFICITAIRE
	PRECIPITATION DEFICITAIRE

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