

Fig.CR1-1 (as. Fig.6 but with SAL): Difference d_k resulting from the total error of the M_2 tide in ICON-O with the SAL parameterization in the R2B6 (top), R2B8 (middle) and BCT configuration (bottom). d_k is defined in Eq.(1) in the main text and evaluated against TPXO9. Unit is cm.

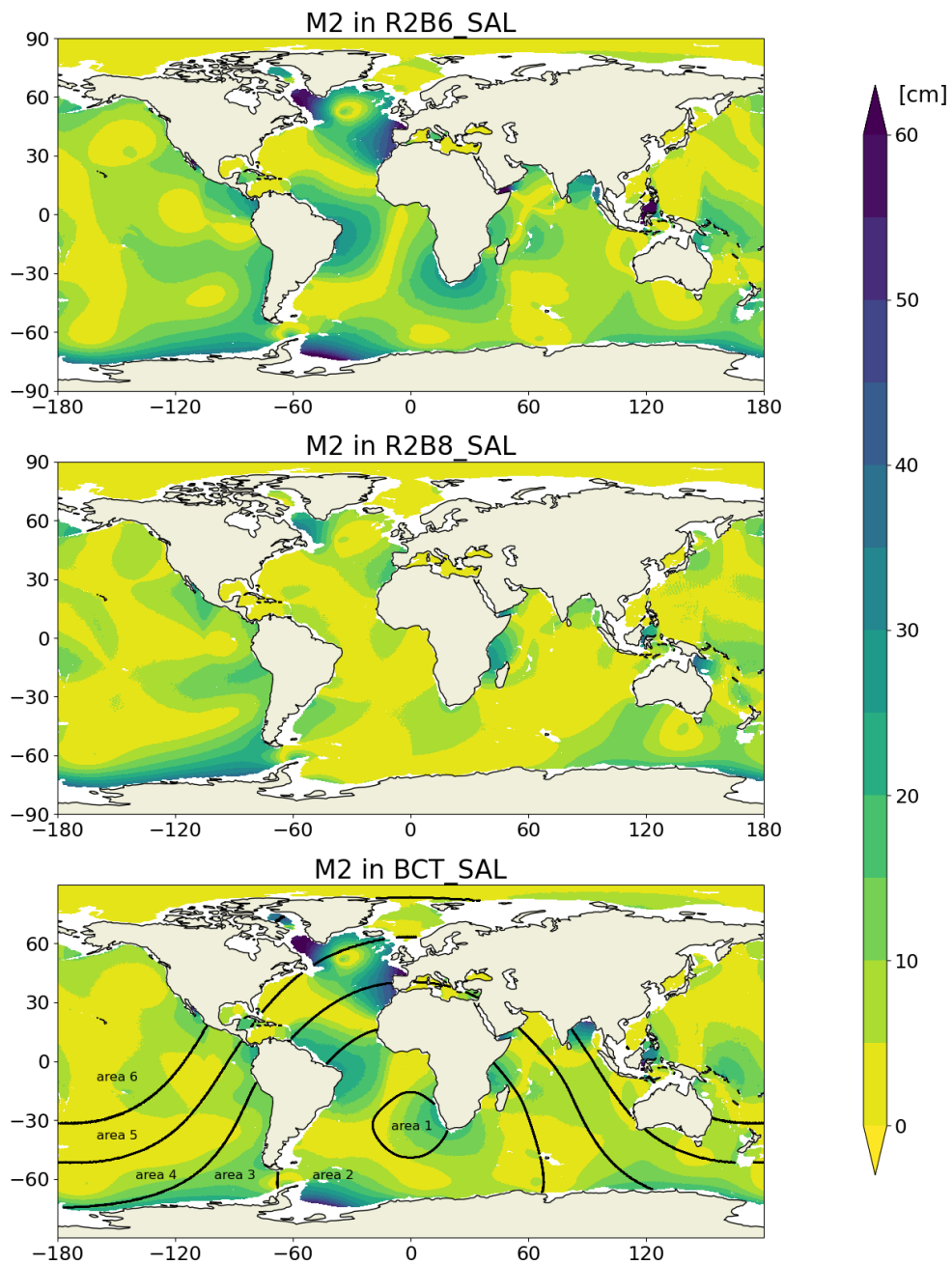


Fig.RC1-2 (as Fig.7 but with SAL): Same as Fig.RC1-1 but for the difference $d_{k,AM}$ resulting from errors in amplitude only.

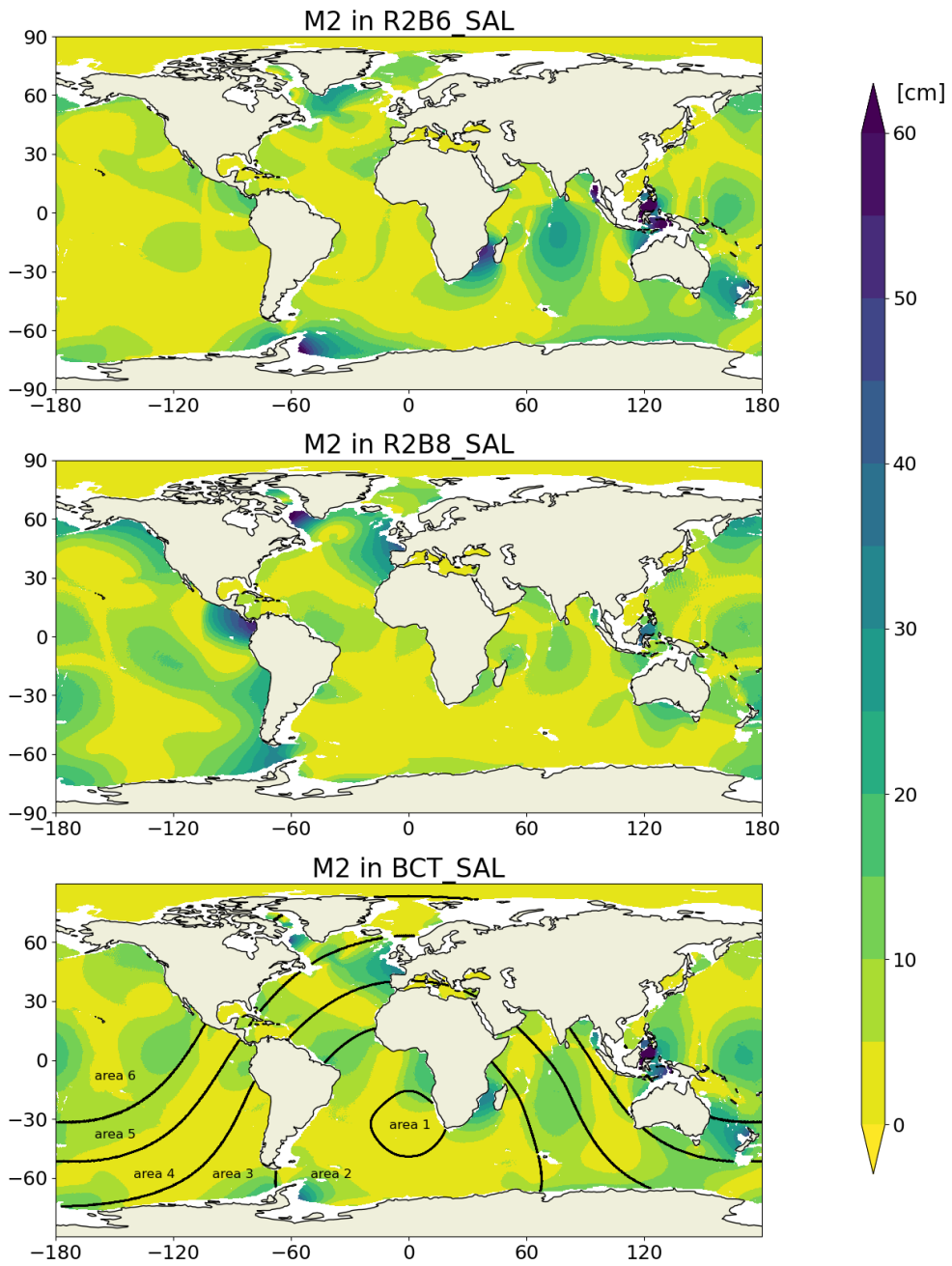


Fig.RC1-3 (as. Fig.8 but with SAL): Same as Fig.RC1-1 but for the difference $d_{k,PH}$ resulting from errors in phase only.

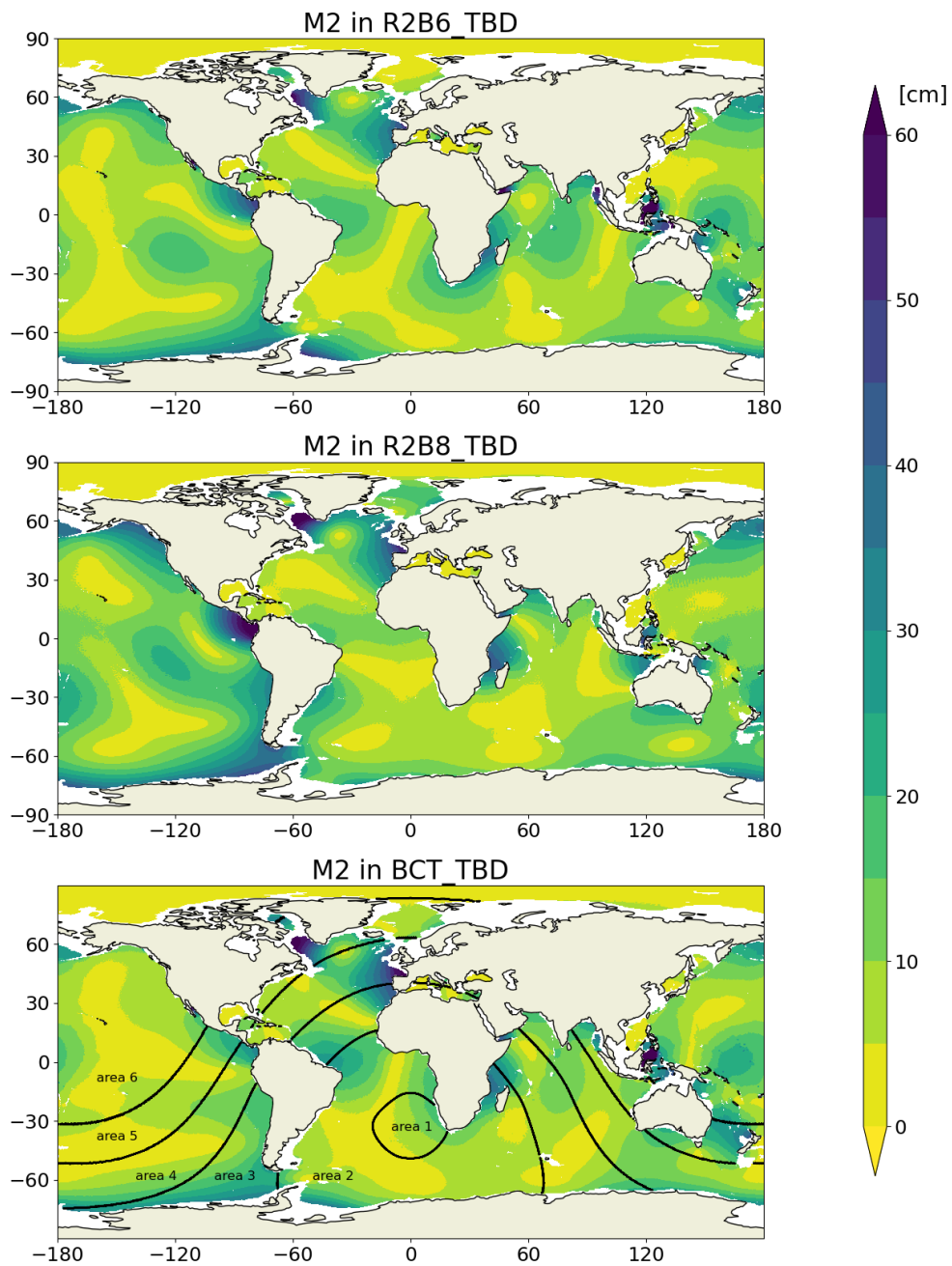


Fig.CR1-4 (as. Fig.6 but with TWD): Difference d_k resulting from the total error of the M₂ tide in ICON-O with the TWD parameterization in the R2B6 (top), R2B8 (middle) and BCT configuration (bottom). d_k is defined in Eq.(1) in the main text and evaluated against TPX09. Unit is cm.

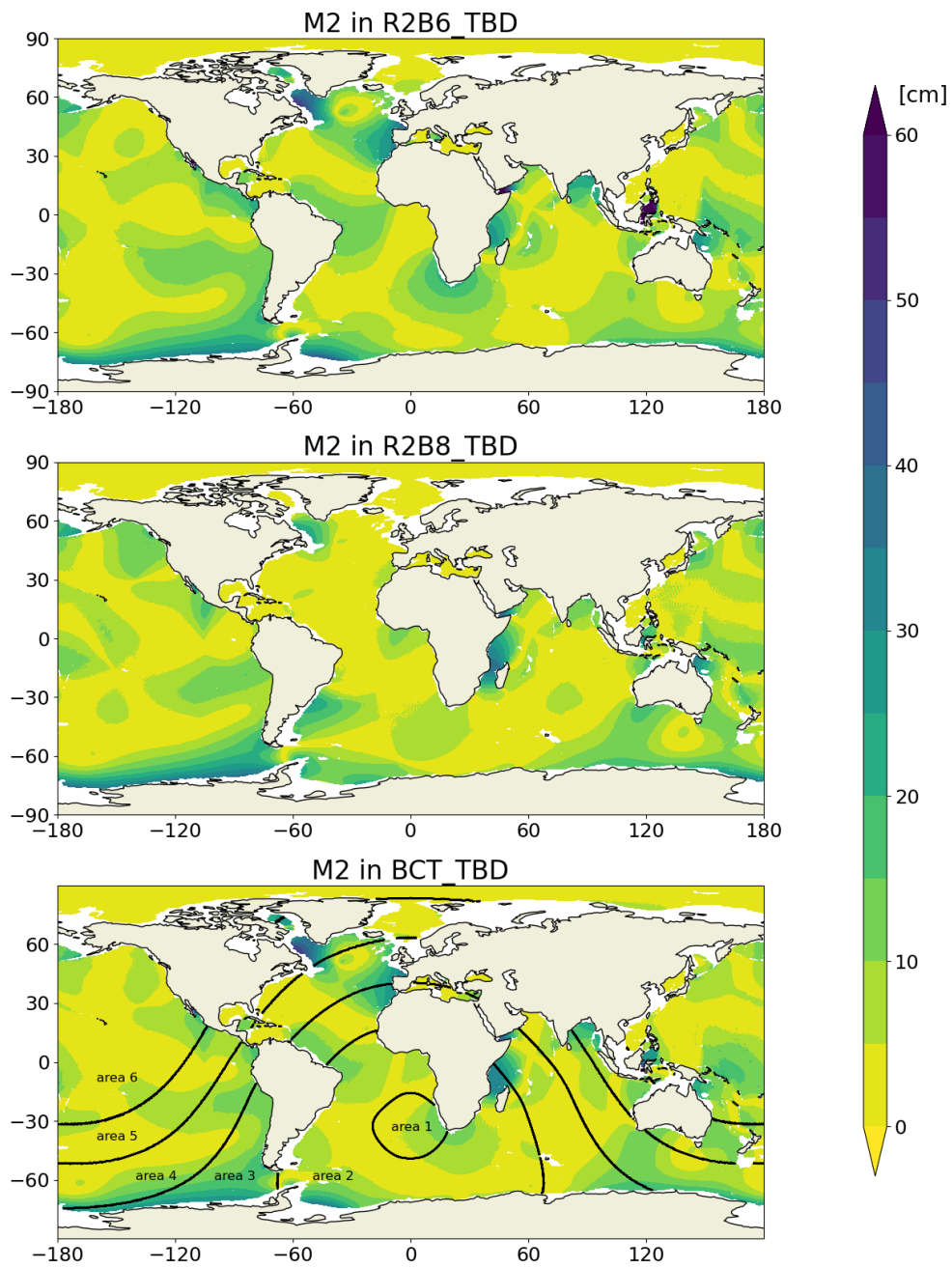


Fig.RC1-5 (as. Fig.7 but with TWD): Same as Fig.RC1-4 but for the difference $d_{k,AM}$ resulting from errors in amplitude only.

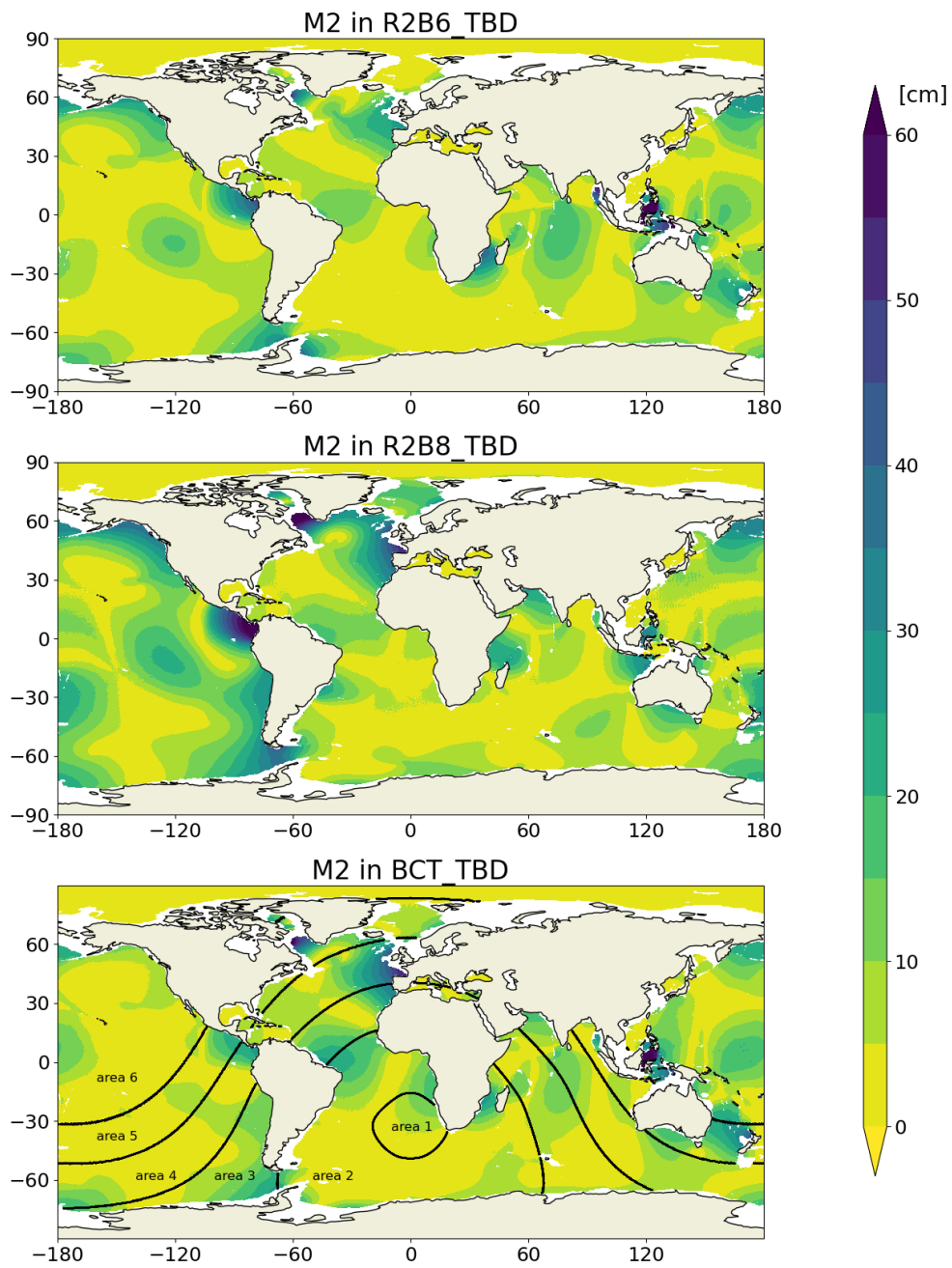


Fig.RC1-6 (as Fig.8 but with TWD): Same as Fig.RC1-4 but for the difference $d_{k,PH}$ resulting from errors in phase only.