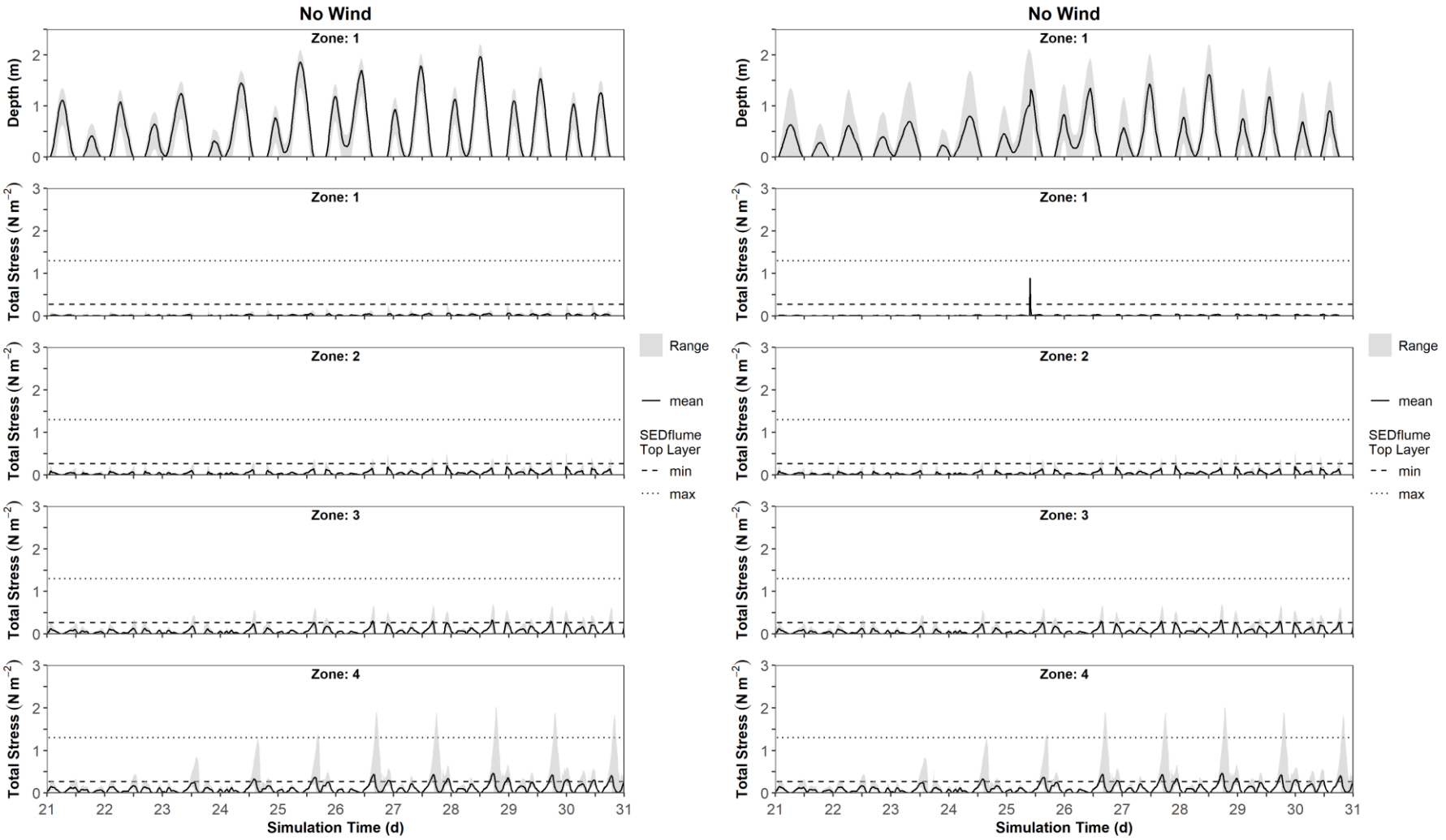

Figure I-1 Predicted depth and total bed shear stress (total stress) for existing conditions (left) and the proposed Project design (right) by Zones with no wind for the simulation period. Depth is provided for Zone 1 only (top figure), and total stress is provided for all Zones. Total stress accounts for current-induced and wave-induced shear stresses. Solid black line is the mean; gray band is the min/max range; and the dotted and dashed lines are the minimum and maximum SEDflume top layer critical shear stress for erosion, respectively.

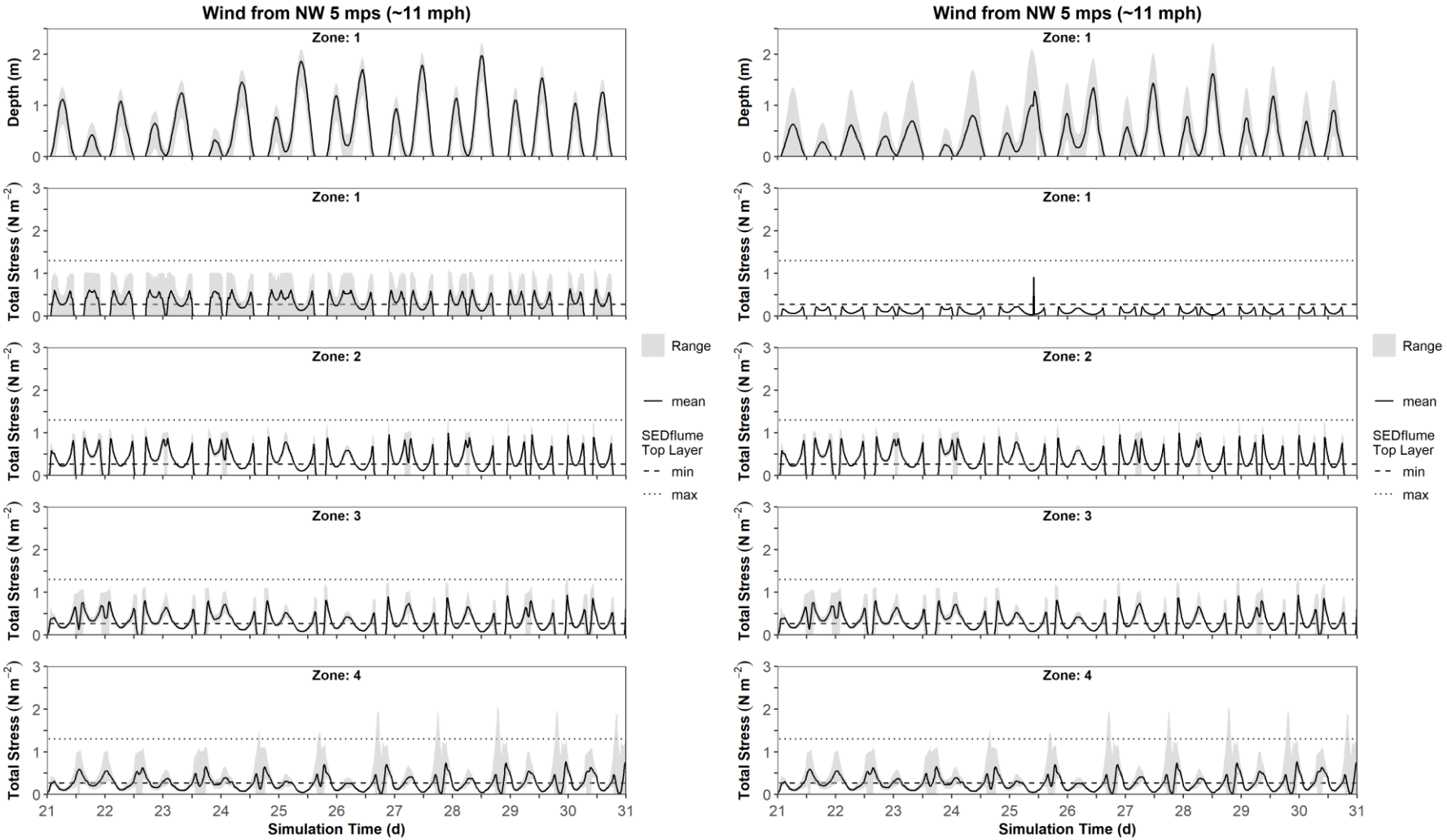

Figure I-2 Predicted depth and total bed shear stress (total stress) for existing conditions (left) and the proposed Project design (right) by Zones with a northwest (NW) wind at 5 mps (~11 mph) for the simulation period. Depth is provided for Zone 1 only (top figure), and total stress is provided for all Zones. Total stress accounts for current-induced and wave-induced shear stresses. Solid black line is the mean; gray band is the min/max range; and the dotted and dashed lines are the minimum and maximum SEDflume top layer critical shear stress for erosion, respectively.

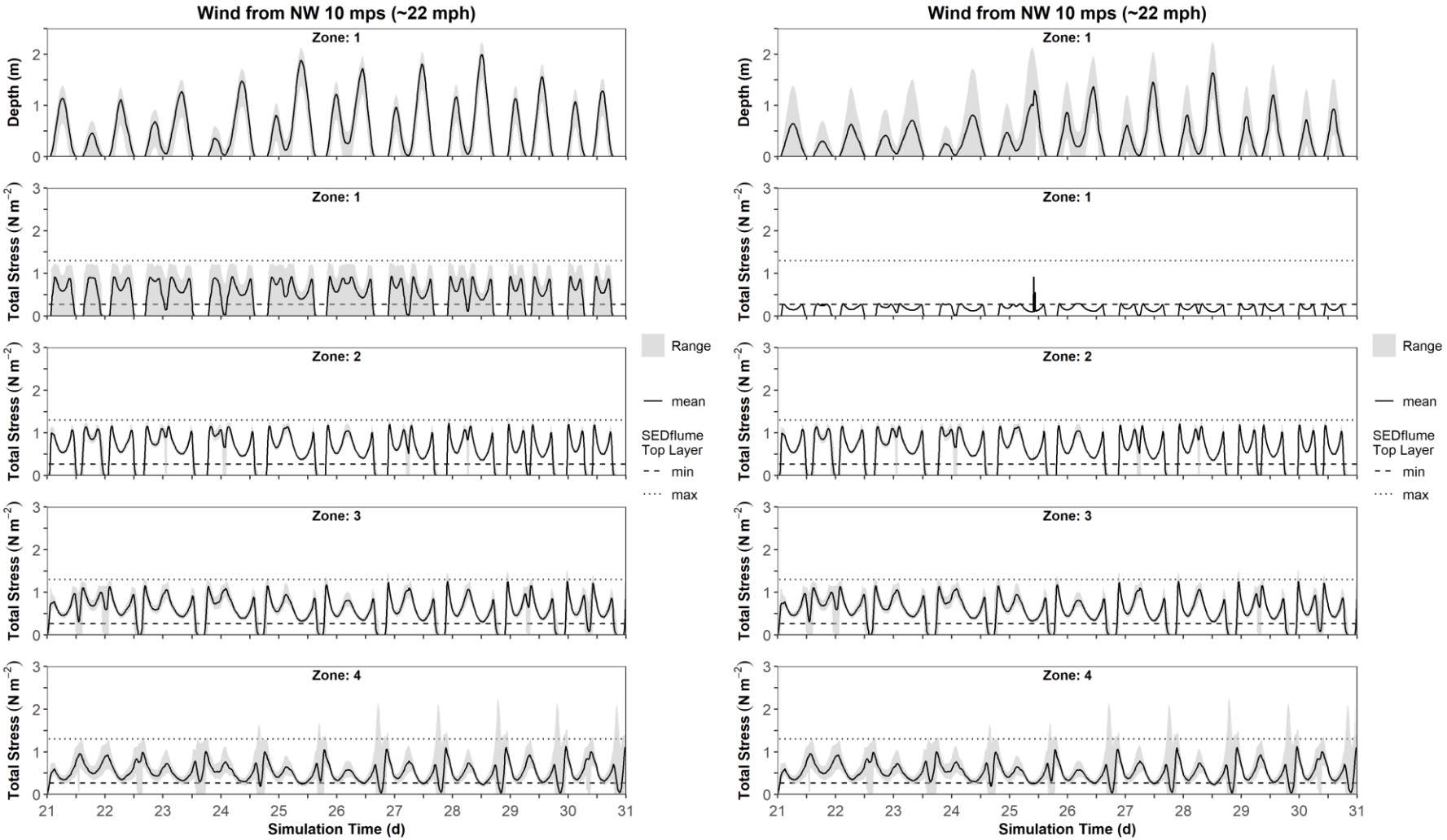

Figure I-3 Predicted depth and total bed shear stress (total stress) for existing conditions (left) and the proposed Project design (right) by Zones with a northwest (NW) wind at 10 mps (~11 mph) for the simulation period. Depth is provided for Zone 1 only (top figure), and total stress is provided for all Zones. Total stress accounts for current-induced and wave-induced shear stresses. Solid black line is the mean; gray band is the min/max range; and the dotted and dashed lines are the minimum and maximum SEDflume top layer critical shear stress for erosion, respectively.

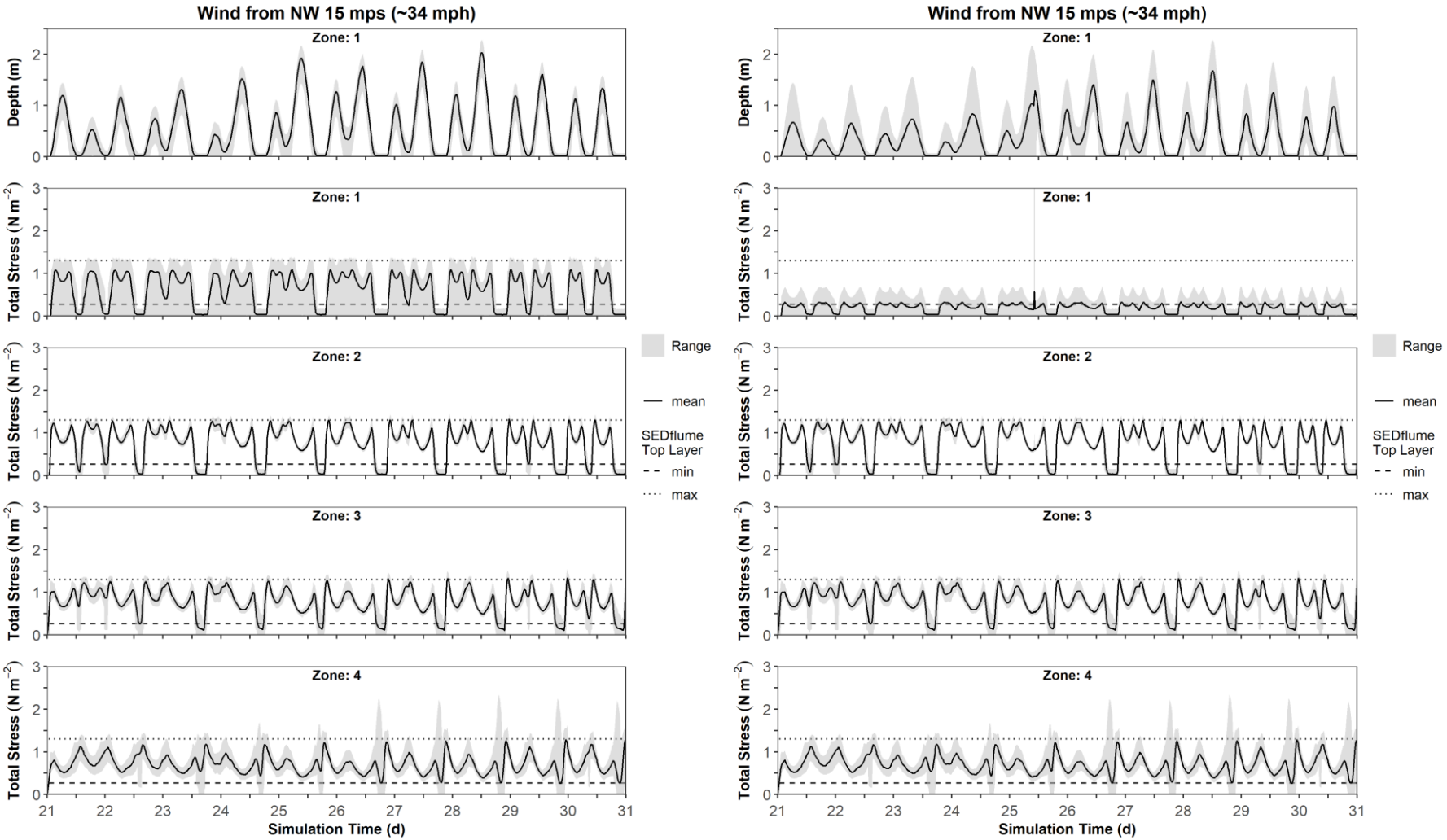

Figure I-4 Predicted depth and total bed shear stress (total stress) for existing conditions (left) and the proposed Project design (right) by Zones with a northwest (NW) wind at 15 mps (~11 mph) for the simulation period. Depth is provided for Zone 1 only (top figure), and total stress is provided for all Zones. Total stress accounts for current-induced and wave-induced shear stresses. Solid black line is the mean; gray band is the min/max range; and the dotted and dashed lines are the minimum and maximum SEDflume top layer critical shear stress for erosion, respectively.

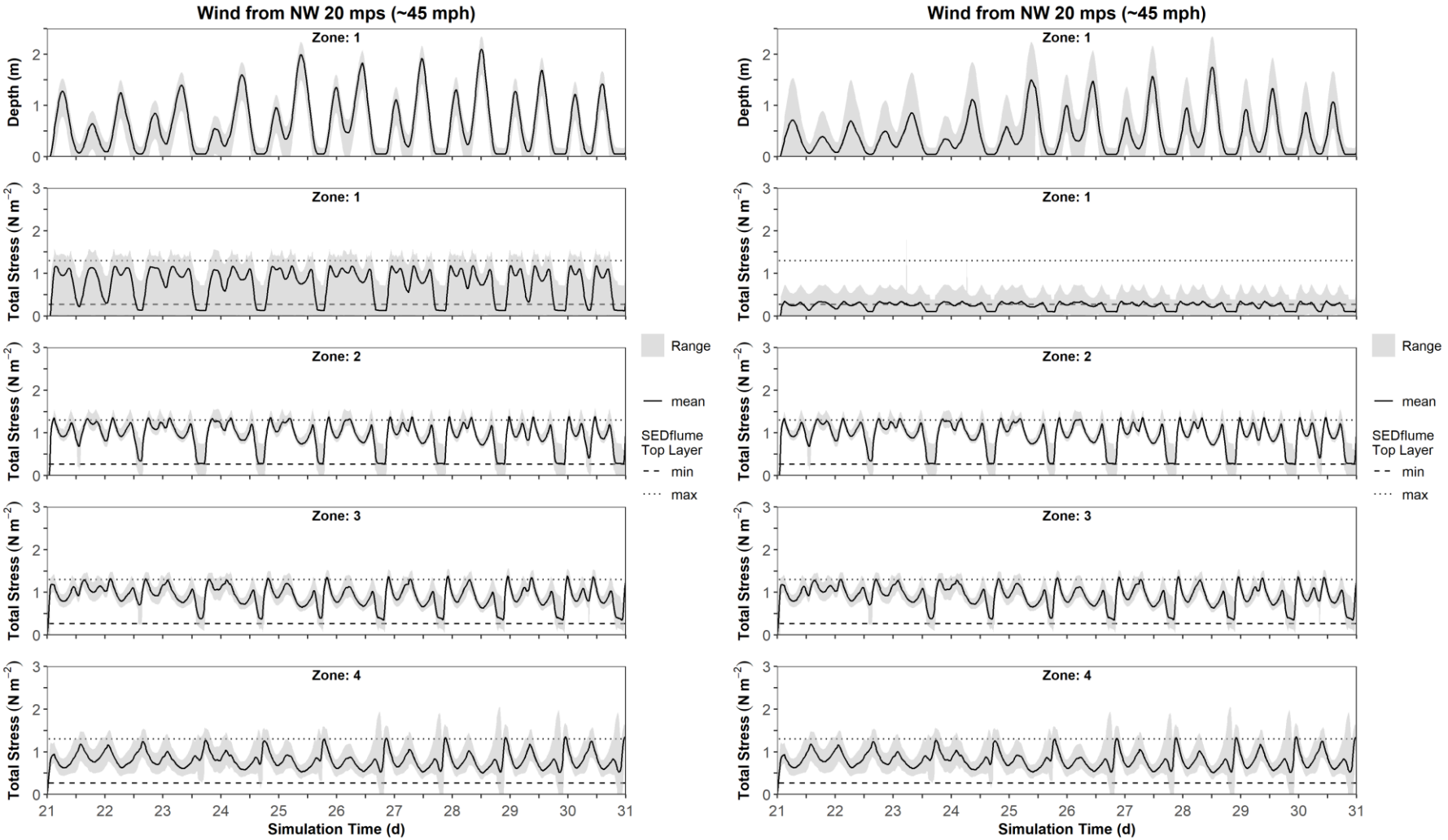

Figure I-5 Predicted depth and total bed shear stress (total stress) for existing conditions (left) and the proposed Project design (right) by Zones with a northwest (NW) wind at 20 mps (~11 mph) for the simulation period. Depth is provided for Zone 1 only (top figure), and total stress is provided for all Zones. Total stress accounts for current-induced and wave-induced shear stresses. Solid black line is the mean; gray band is the min/max range; and the dotted and dashed lines are the minimum and maximum SEDflume top layer critical shear stress for erosion, respectively.

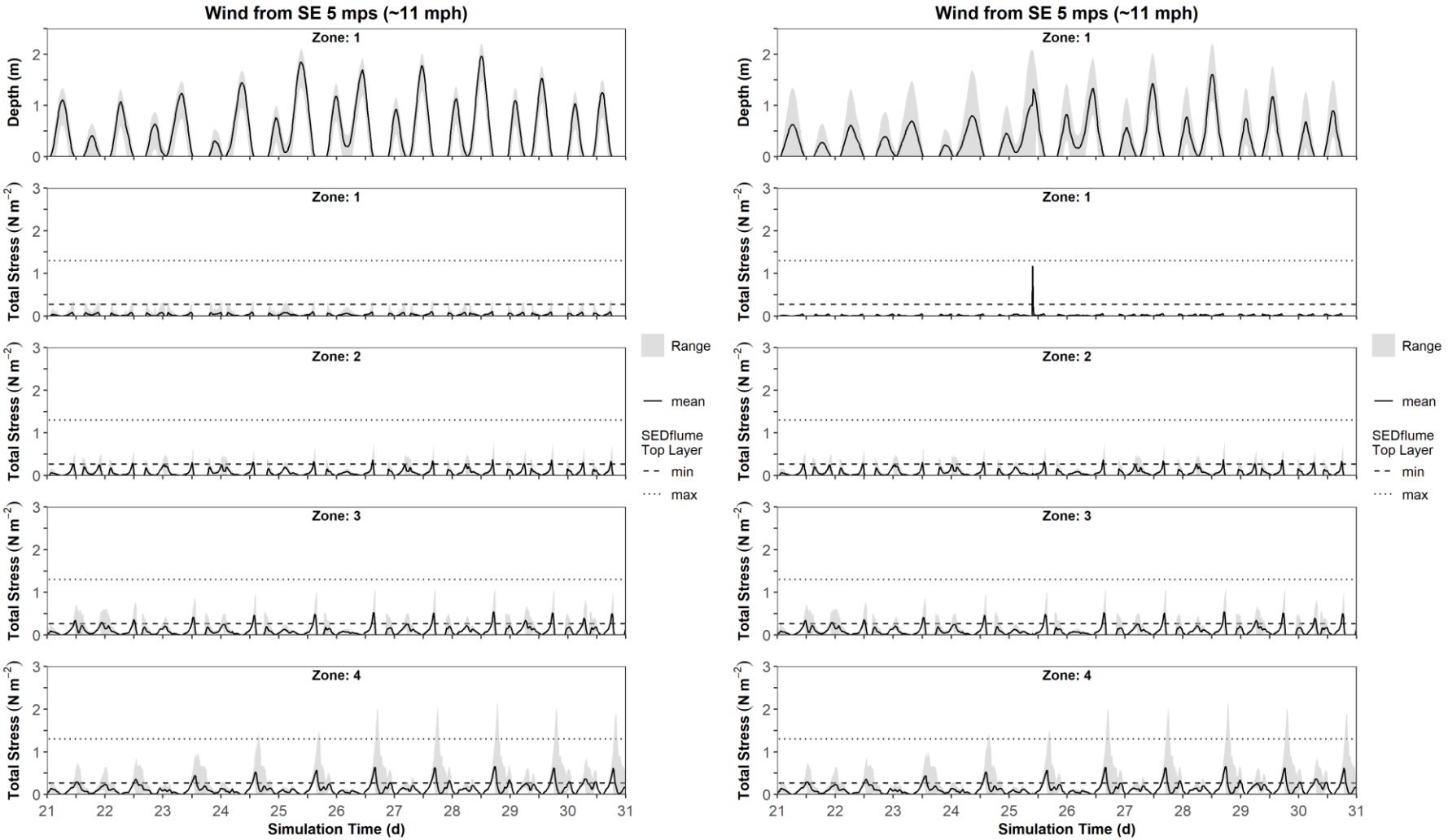

Figure I-6 Predicted depth and total bed shear stress (total stress) for existing conditions (left) and the proposed Project design (right) by Zones with a southeast (SE) wind at 5 mps (~11 mph) for the simulation period. Depth is provided for Zone 1 only (top figure), and total stress is provided for all Zones. Total stress accounts for current-induced and wave-induced shear stresses. Solid black line is the mean; gray band is the min/max range; and the dotted and dashed lines are the minimum and maximum SEDflume top layer critical shear stress for erosion, respectively.

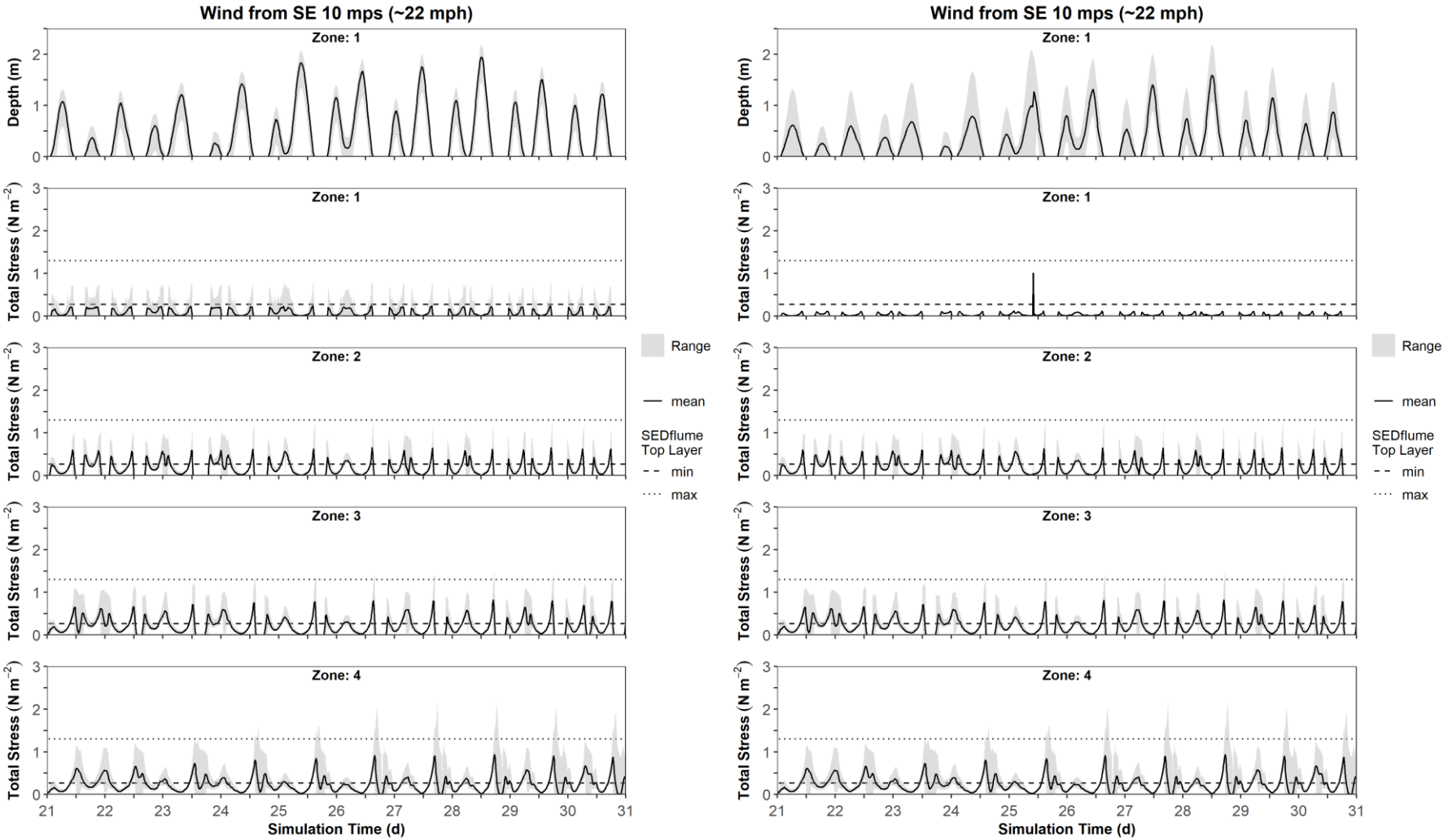

Figure I-7 Predicted depth and total bed shear stress (total stress) for existing conditions (left) and the proposed Project design (right) by Zones with a southeast (SE) wind at 10 mps (~11 mph) for the simulation period. Depth is provided for Zone 1 only (top figure), and total stress is provided for all Zones. Total stress accounts for current-induced and wave-induced shear stresses. Solid black line is the mean; gray band is the min/max range; and the dotted and dashed lines are the minimum and maximum SEDflume top layer critical shear stress for erosion, respectively.

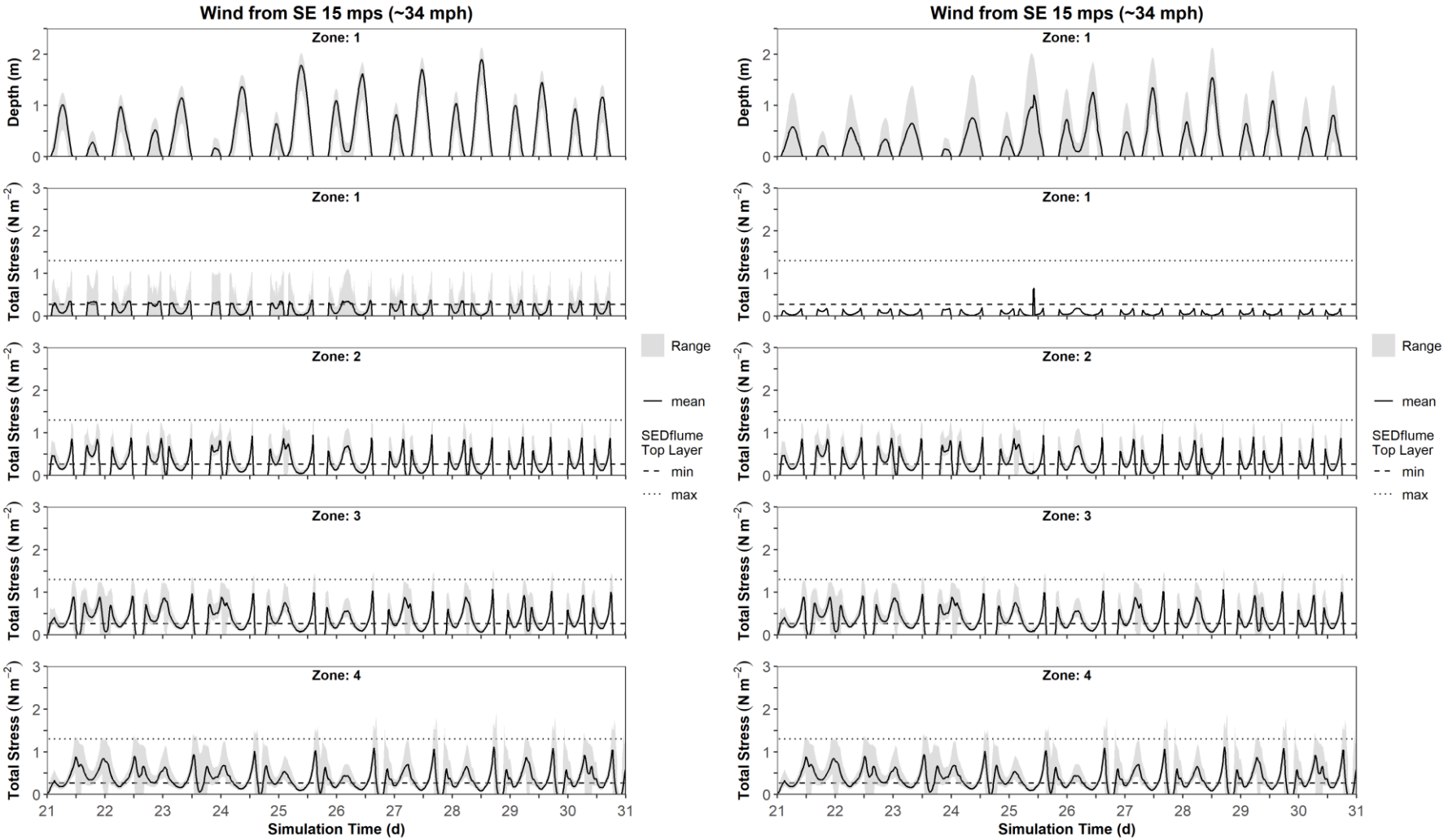

Figure I-8 Predicted depth and total bed shear stress (total stress) for existing conditions (left) and the proposed Project design (right) by Zones with a southeast (SE) wind at 15 mps (~11 mph) for the simulation period. Depth is provided for Zone 1 only (top figure), and total stress is provided for all Zones. Total stress accounts for current-induced and wave-induced shear stresses. Solid black line is the mean; gray band is the min/max range; and the dotted and dashed lines are the minimum and maximum SEDflume top layer critical shear stress for erosion, respectively.

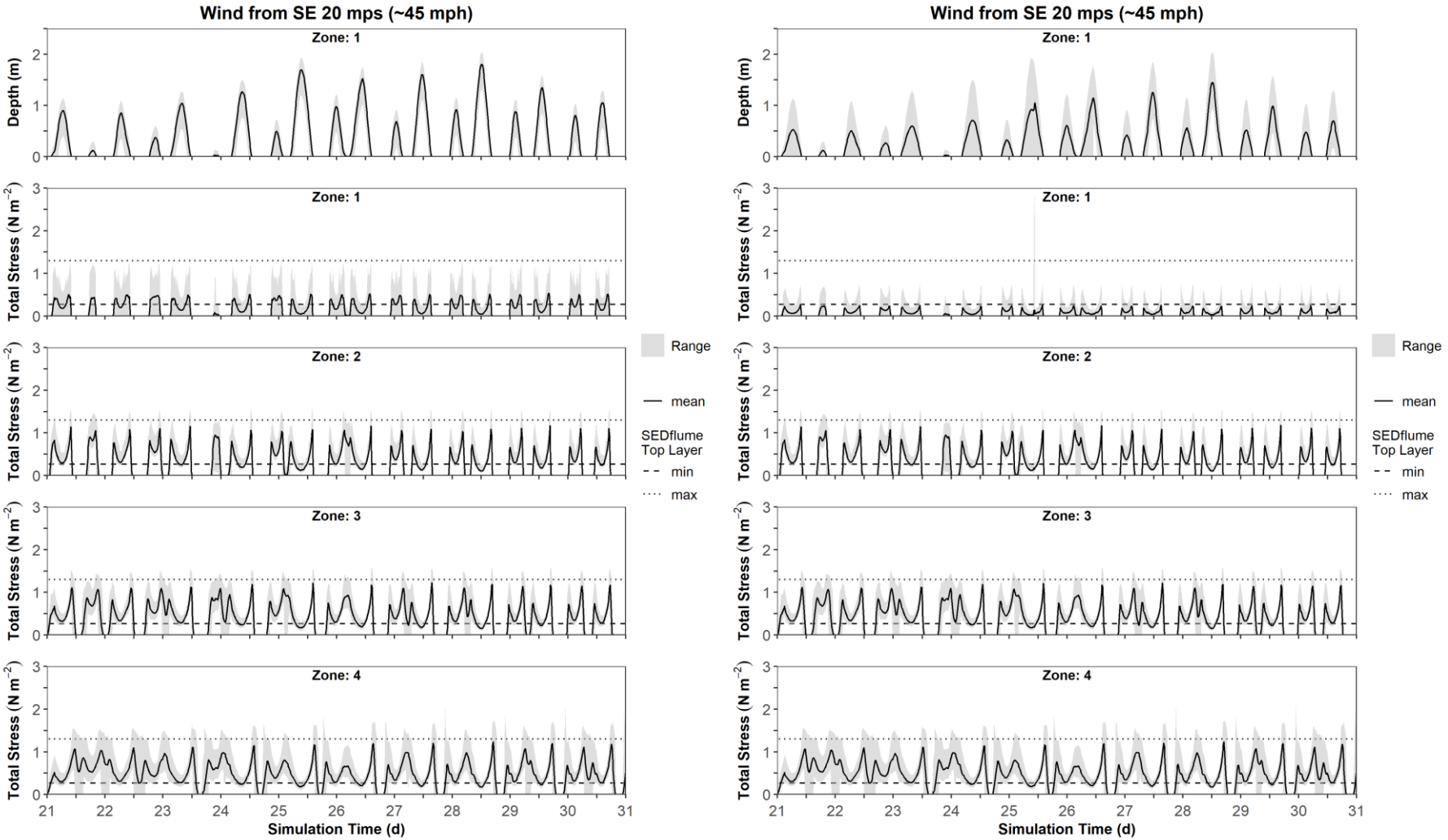

Figure I-9 Predicted depth and total bed shear stress (total stress) for existing conditions (left) and the proposed Project design (right) by Zones with a southeast (SE) wind at 20 mps (~11 mph) for the simulation period. Depth is provided for Zone 1 only (top figure), and total stress is provided for all Zones. Total stress accounts for current-induced and wave-induced shear stresses. Solid black line is the mean; gray band is the min/max range; and the dotted and dashed lines are the minimum and maximum SEDflume top layer critical shear stress for erosion, respectively.