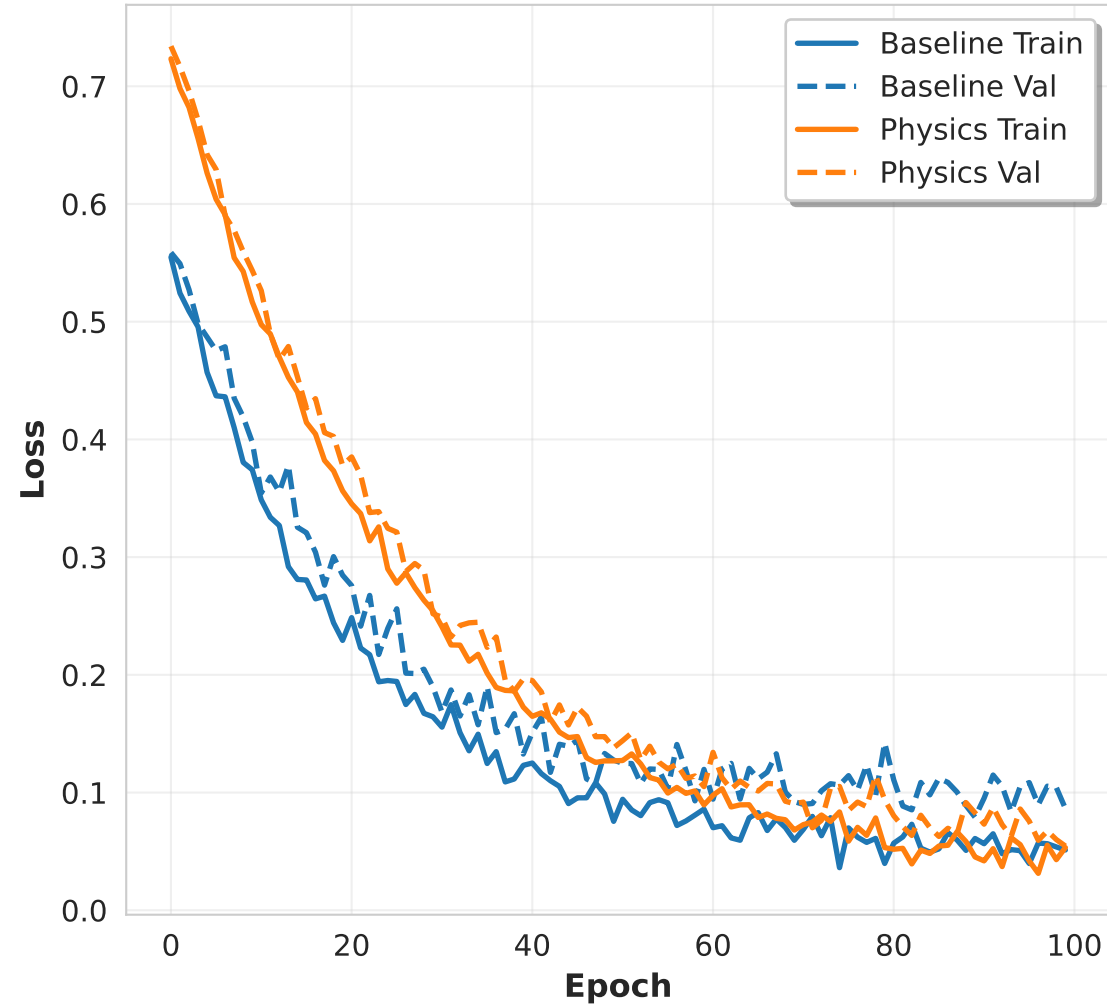
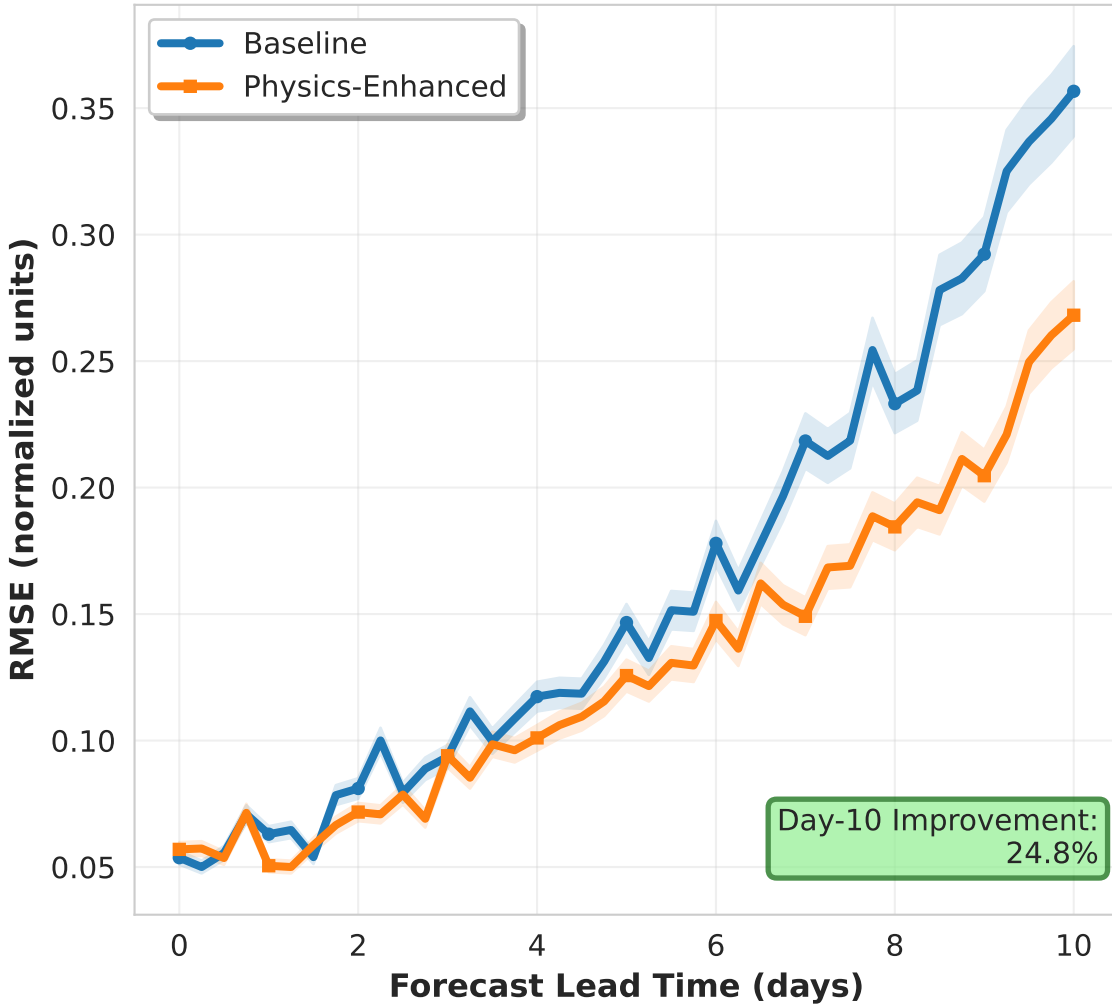


Ablation Study: Baseline vs Physics-Enhanced WeatherFlow
Phase 2 Enhanced Physics Constraints for 10-Day Forecasting

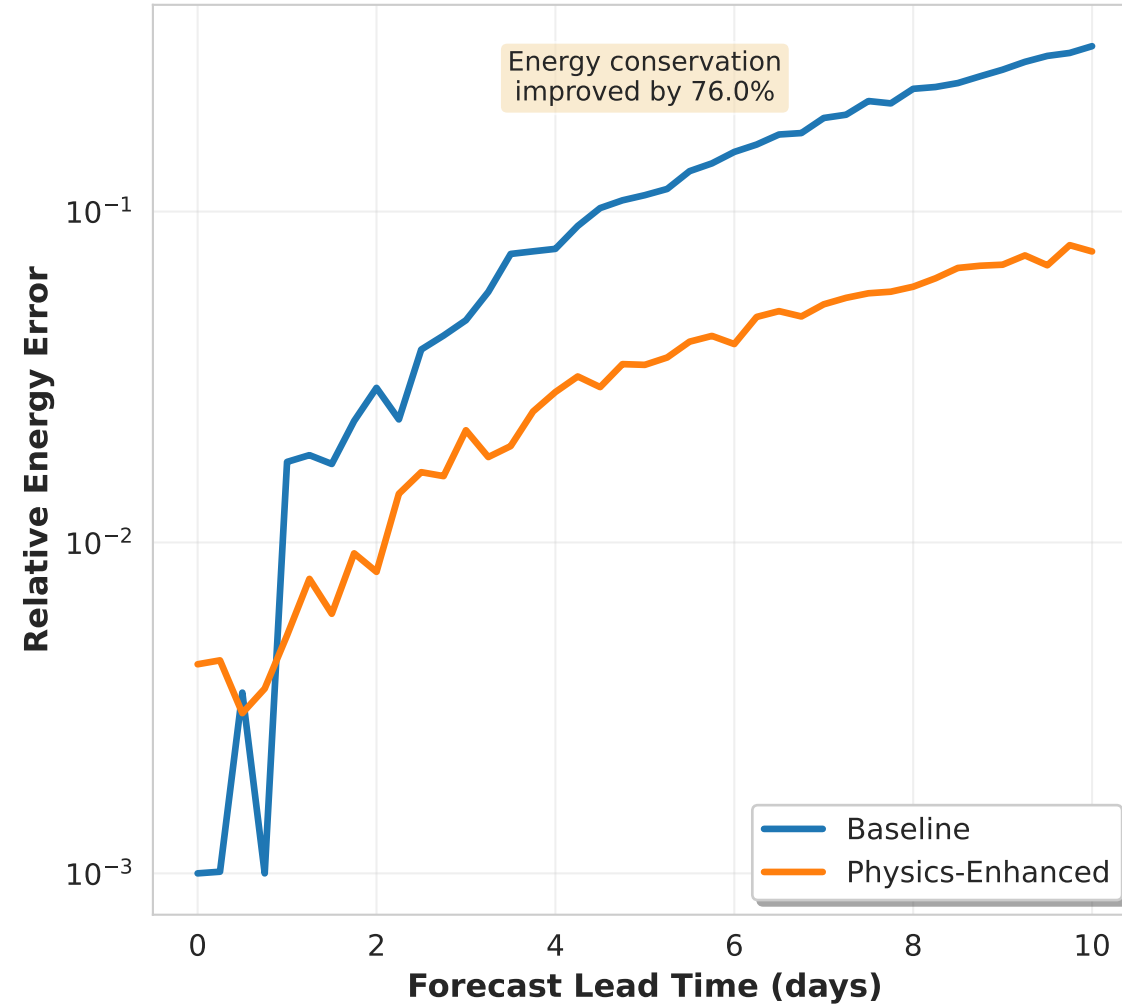
Training Loss Evolution



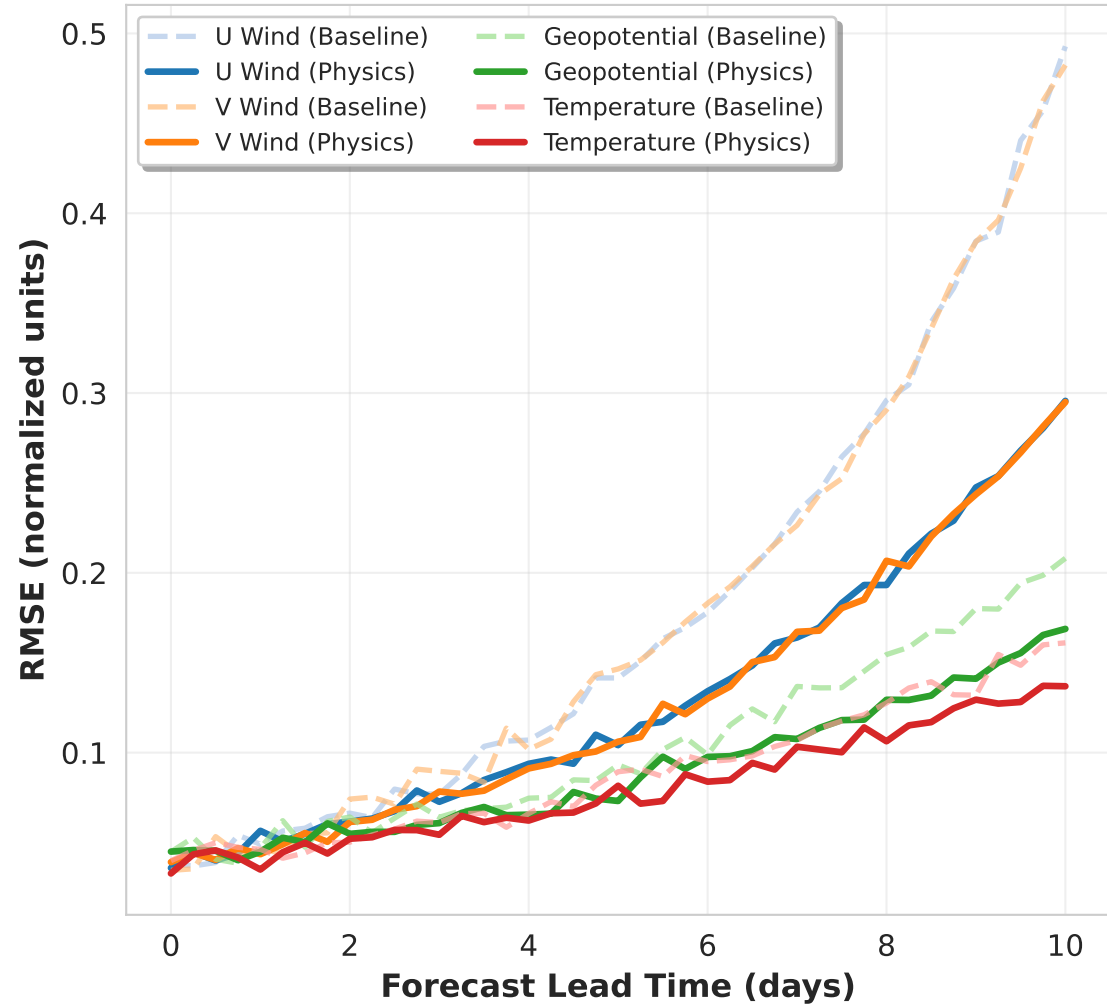
10-Day Forecast Error Growth



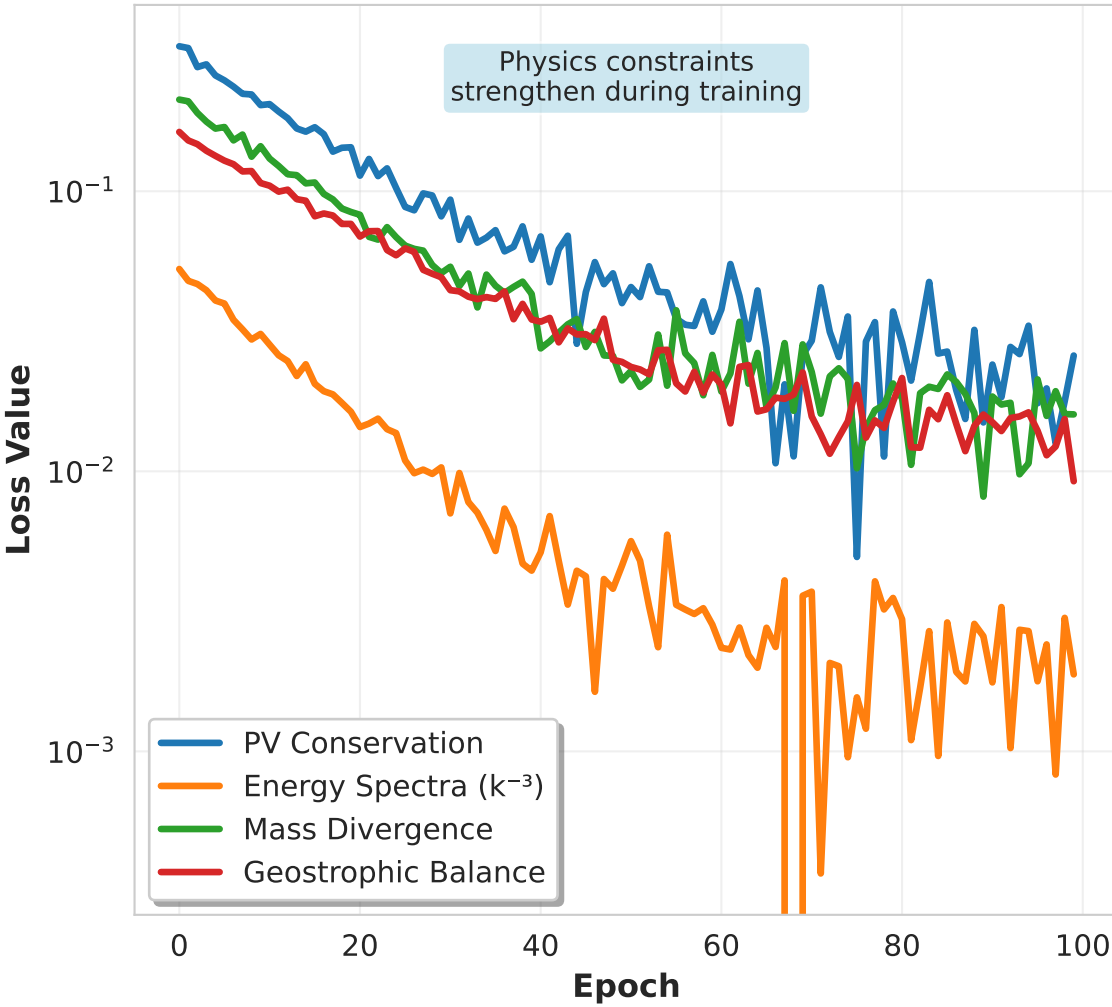
Energy Conservation Over Time



Per-Variable Forecast Error



Physics Constraint Evolution (Phase 2)



Forecast Skill at Key Lead Times

