Cruise Maps: Turbulence indicated by yellow to purple, weather in blue
Interpreting Your Forecast
Yellow, orange, and red regions signify light, moderate, and severe turbulence, respectively. Light blue areas represent lower weather which may be flown above, while dark blue indicates higher, potentially more severe weather. Expect light to moderate turbulence around weather. Keep in mind your pilot will use on-board radar to help see and avoid any severe storms on the course of your flight.

Turbulence intensity is likely to increase in areas where weather and turbulence predictions overlap.

The blue line represents your estimated flightpath. When possible we use your filed flight plan which is very similar to the route you will actually fly. If a flight plan isn’t available, the path will represent the shortest distance between airports, and is an approximation of the actual flight path. Longer flights will tend to fly along the jet stream (potentially bumpy areas) when going east, and will try to avoid the jet stream when flying west. Other automated tools only calculate along the blue line, with ours, you can follow along with the in flight map and be will informed where bumps may potentially happen, regardless of flight path.

Cruise Altitudes
Forecasts are provided for three different cruising altitudes. If you have the ability to check your altitude in flight you can select the forecast closest to your altitude for best accuracy. The first image most closely represents your expected final cruising altitude.

The second image reflects a higher cruising altitude which your pilot may change to in the event your initial cruise altitude is too bumpy. On long flights this altitude may not be an option until later in the flight when the plane is carrying less fuel.

The final image shows a lower cruising altitude. Your flight will likely transition through this altitude for at least 10 minutes at each end of your flight as you climb and descend. For short flights where there isn’t enough time to climb to higher levels this may be closer to your final cruise altitude. Very long flights may remain near 30,000ft for an hour or more.

Departure Airport Forecast (JFK)
Forecast for John F Kennedy Intl Airport issued 05/08/2023 07:40PM EDT
From 05/08/2023 09:00PM EDT:
  Wind: from the north-northwest (330 degrees) at 09 knots
  Visibility: more than 6 statute miles
  Sky conditions: few clouds at 7000 feet, scattered clouds at 25000 feet

Destination Airport Forecast (TLV)
Forecast for Ben Gurion Int'l Airport issued 05/09/2023 02:20AM IDT
Gradual change to the following between 05/09/2023 06:00PM IDT and 05/09/2023 08:00PM IDT:
  Wind: from the north (360 degrees) at 05 knots

We hope you have a safe and enjoyable flight!
The Turbulence Forecast Team
www.turbulenceforecast.com

Disclaimer
ALWAYS WEAR YOUR SEAT BELT AND OBEY CREWMEMBER INSTRUCTIONS. UNFORECASTED TURBULENCE MAY OCCUR. PASSENGER USE ONLY, NOT FOR COMMERCIAL USE.