The logistics and transport sector significantly contributes to the U.S. economy. NOAA’s National Center for Environmental Information (NCEI) weather and climate data help ensure business continuity by managing weather-related risks to business operations.

Logistics and transport contribute revenues of $1.48 trillion to the U.S. economy.

By 2023, global market revenue from logistics operations are projected to increase by over 7 trillion!

Adverse weather poses a challenge for logistics and transport companies. NCEI’s data helps air express couriers and railways reduce weather-related risk, optimize performance and customer satisfaction.

Railways access NCEI’s station-based weather and climate data products.

NCEI data are used to analyze weather and climate hazards to railway infrastructure.

These data also help planners optimize new track placement to minimize weather risk.

These analyses enhance safety and minimize weather-related service disruption.

Express couriers like UPS rely on NCEI’s station-based weather and climate data products.

NCEI’s climate and weather data helps to protect businesses’ profits and reputation, improve worker and bystander safety, reduce risk to equipment and property, and resolve legal liabilities.

Over the last 10 years, sunkinks caused 366 derailments amounting to over $167 million in losses! And extensive legal liability.

Analysis with NCEI’s data informs procedures that help avoid derailments, potentially saving lives and millions of dollars in avoided losses.

NCEI’s certified data serve as evidence in a court of law, helping railways to resolve legal liability.

A plane that is unable to land due bad to weather means that roughly 50,000 packages will be delayed! The courier then fails to deliver on its expedited service promise.

NCEI’s data helps to mitigate weather-related delays to ensure packages arrive on time.

Delivering on time ensures customer satisfaction and protects against economic losses.