

Witchcast

Your Weather, Magically Delivered Anytime,
Anywhere

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Challenge Selected: NASA Earth Observation Data for
Personalized Weather Dashboards

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Why This Matters

- People need better long-range weather insights for planning outdoor activities
- NASA's historical data reveals probabilities—not just forecasts
- Our app makes this data magical, memorable, and accessible
- Visual: NASA Earth data visual or icon set (rain, wind, heat, snow)

Meet WhiskerCast



- A mystical dashboard powered by NASA data
- Users select location + date → receive cat-guided weather probabilities
- Combines science + storytelling for intuitive decision-making
- Visual: Screenshot of UI with “Begin Divination” button and cat wizard

Powered by NASA + Code

NASA APIs provide historical weather data

- Backend calculates probabilities for selected conditions
- Frontend delivers results via animated feline personas

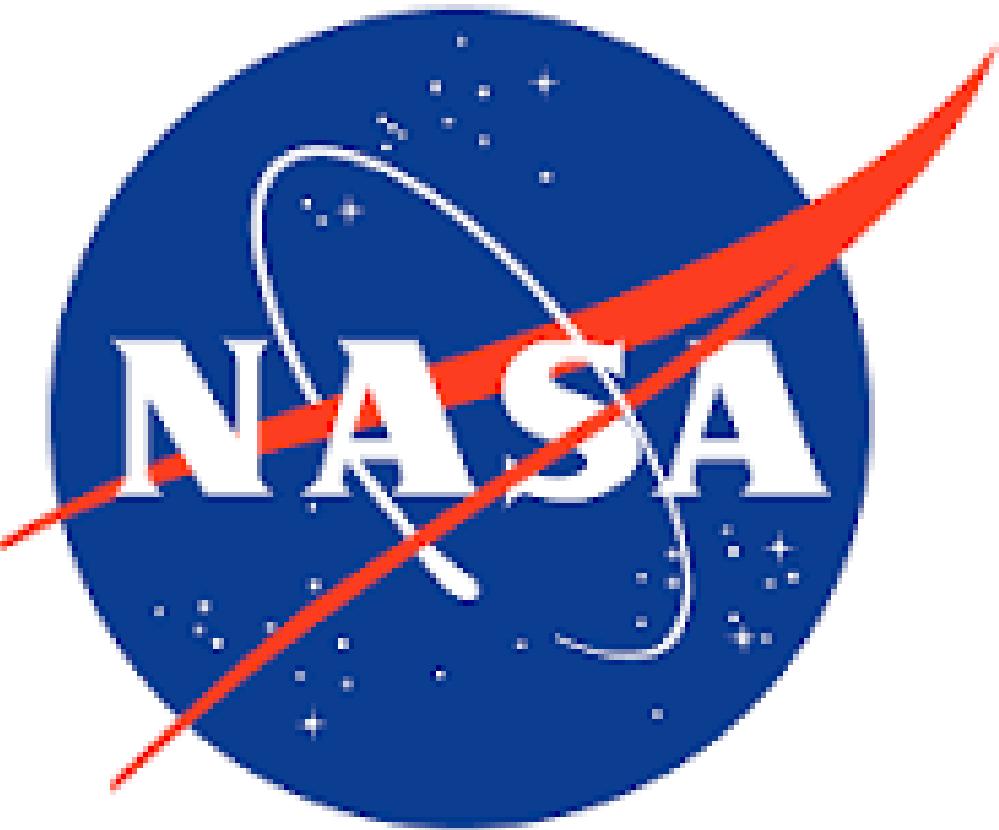


User Experience



- One-click divination
- Visual storytelling with cats, moons, and stars
- Text + charts explain weather likelihoods

NASA Makes It Possible



- Uses decades of Earth observation data
- Variables: temperature, precipitation, windspeed, dust, snow
- Future-ready: CSV/JSON export, metadata, map-based input

Thank you

Choose Location



Popular locations:

New York, NY

London, UK

Tokyo, Japan

Select Date

05 / 10 / 2025

Weather Divination



Whisker hides under her floating umbrella! "Rain makes my whiskers droop!" 🌧

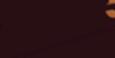
Weather Mood

Pleasantness Level

Moderate Weather Mood

Decent weather for indoor magic. 🌈

Temperature



75°F

78% likely

Temperature

Enchanted warmth flows through the air

Precipitation

89%

60% likely

Precipitation

Magical droplets dance in the clouds

Wind

12 mph

71% likely

Wind Speed

Ethereal breezes whisper ancient secrets

Weather Lore

New Tale

"In the light of the October moon, magical currents reveal that the temperature spirits maintain their 78% balance, while storm clouds gather with 60% probability, releasing tears of the sky. Gentle breezes carry 71% of their whispered secrets over the mystical realm of Tokyo, Japan. Whisker purrs with contentment at the harmony and sturdy umbrellas. The ancient scrolls suggest harvest the wisdom of changing winds and golden leaves."

— From the Mystical Weather Chronicles of Whisker

Create Custom Spell:

e.g., 'Summon wind map'

