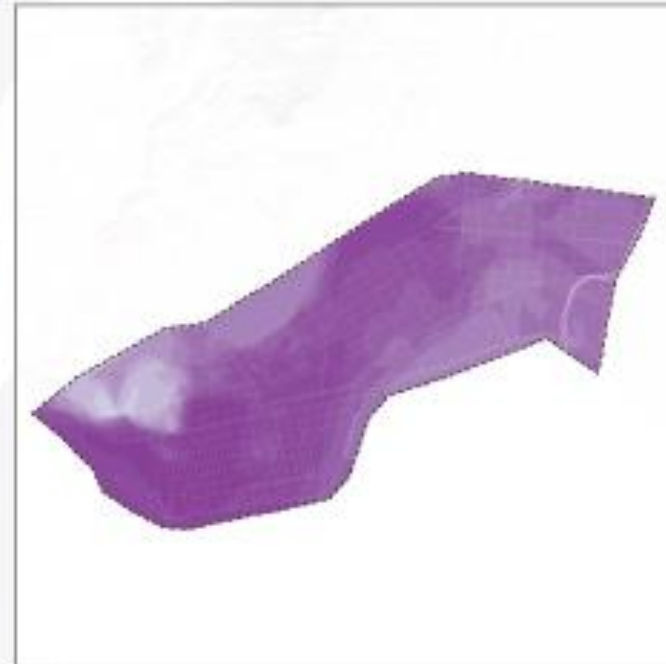
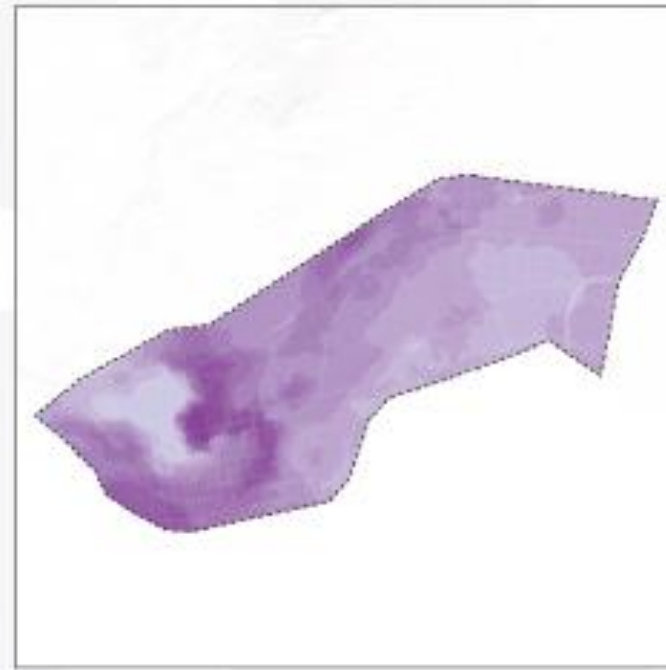




# HEAT WATCH 2020

Heat as a Priority for the City of El Paso



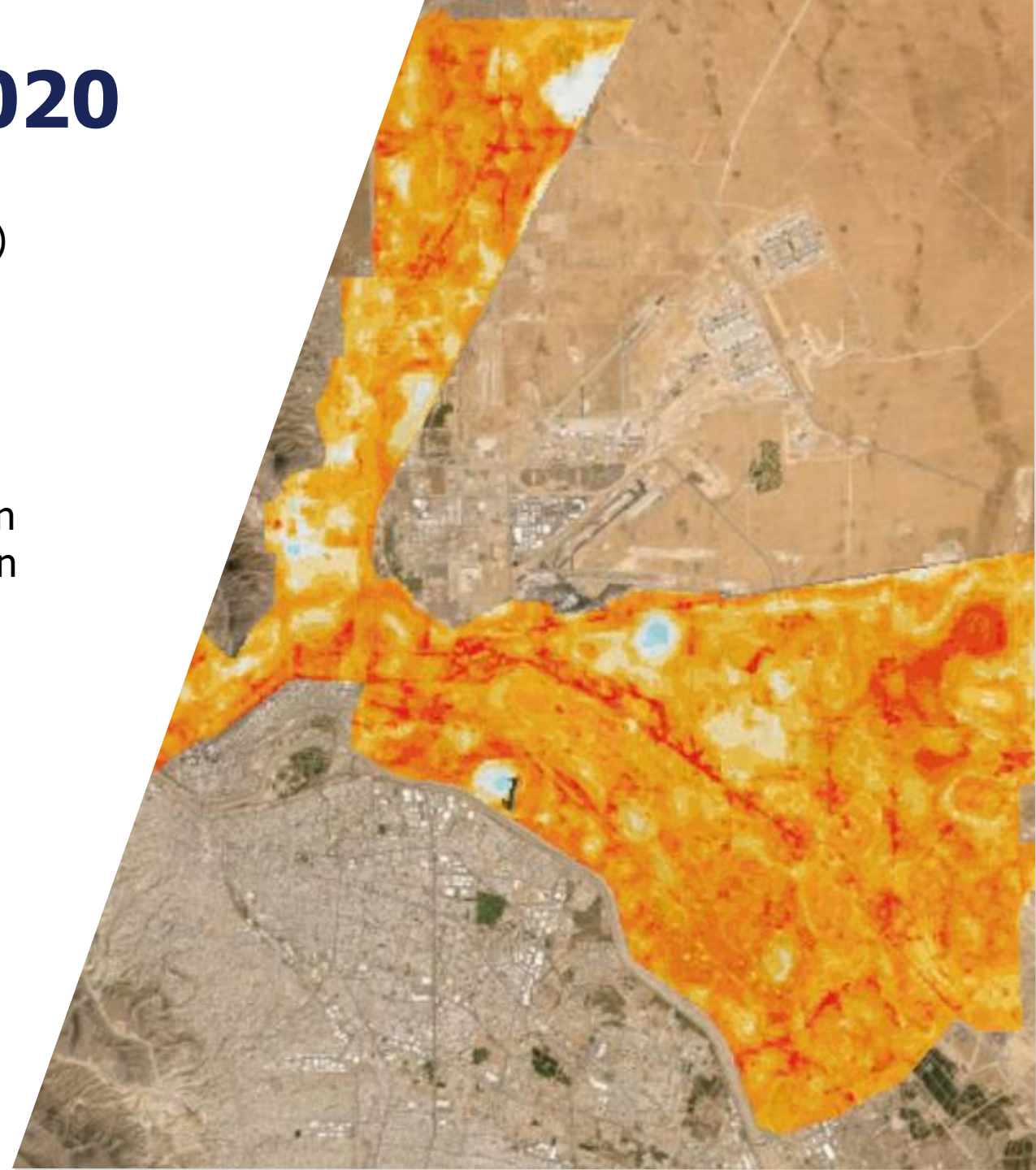
Traverse Points

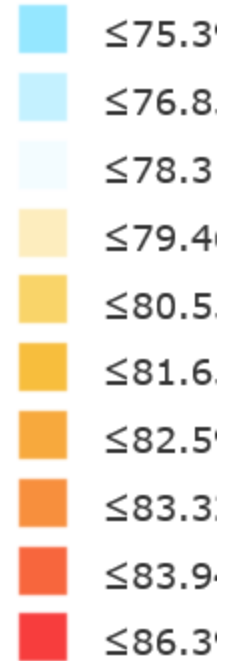
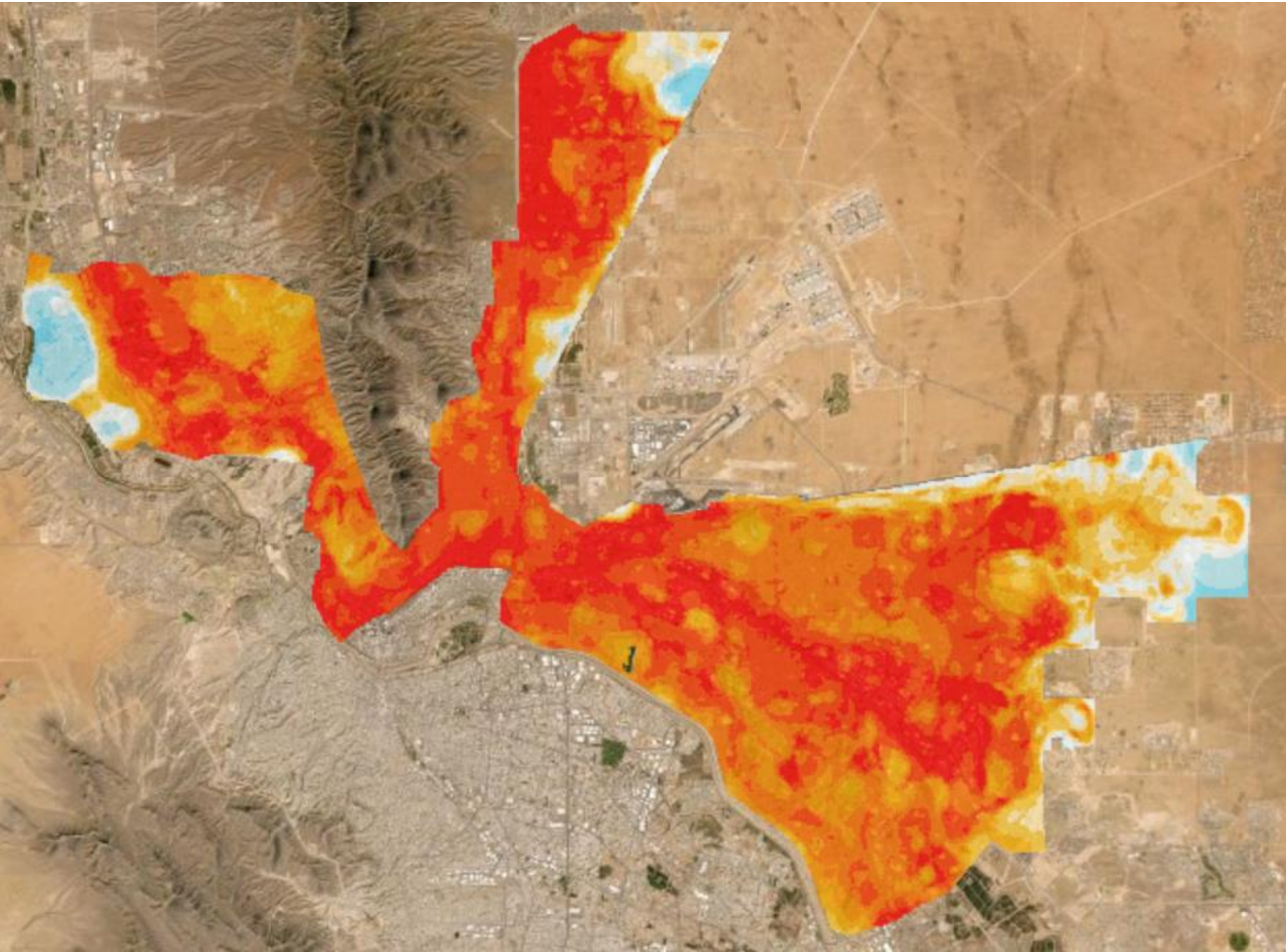
Temperature Model

# Heat Watch Campaign 2020

- To provide high resolution descriptions of the distribution of temperature and humidity (heat index) across El Paso;
- To engage the community and create lasting partnerships to better understand and address the inequitable threat of extreme heat; and
- To better understand the relationships between urban microclimates, infrastructure, ecosystems, and human well-being

- **41 volunteers**
- **12 Study Areas (105 sq. miles)**
- **66,419 Measurements**
- **109.04° Max Temperature**
- **17.5 ° Differential**





## Morning Temperature

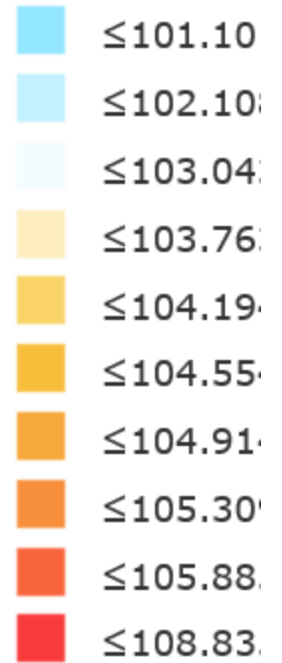
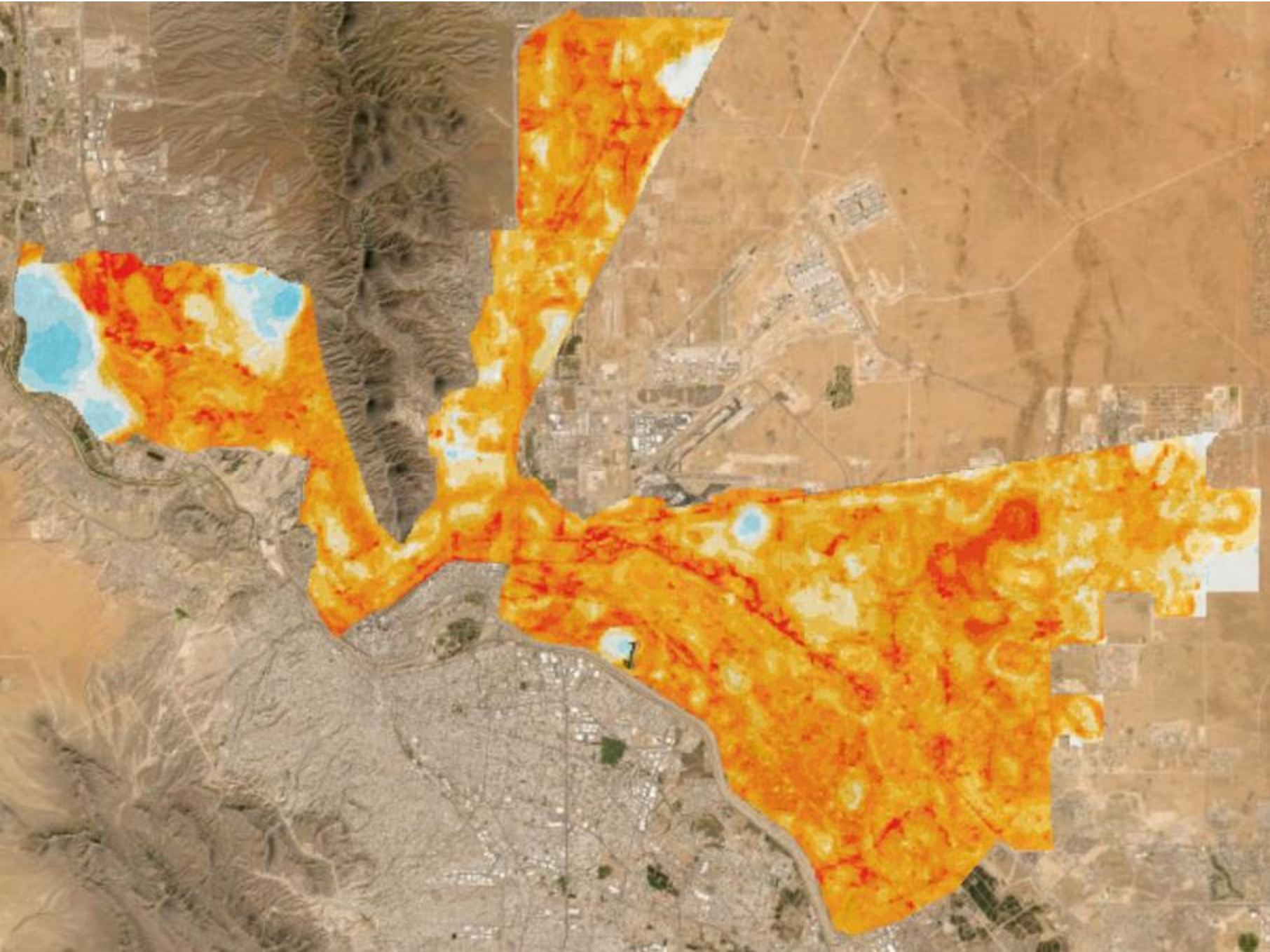
Web app: <https://arcg.is/1CTnDz>

# Morning Traverse Points



- $\leq 88.70$  °F
- $\leq 84.56$  °F
- $\leq 83.66$  °F
- $\leq 82.76$  °F
- $\leq 81.68$  °F
- $\leq 80.42$  °F
- $\leq 79.16$  °F
- $\leq 78.08$  °F
- $\leq 77.00$  °F
- $\leq 75.02$  °F

Model Boundary



## Afternoon Temperature

Web app: <https://arcg.is/1CTnDz>

# Next Steps:

- Air Quality: Engage with TCEQ and EP ESD
- Health: Extreme Weather Task Force
- Health/Outreach/Education: workshops in partnership with UTEP and the Extreme Weather Task Force to promote best practices against heat
- Transportation and urban development: analyze and compare data with transportation plans, development practices
- Social analysis: CDC vulnerability index
- Other ?





# Mission

Deliver exceptional services to support a high quality of life and place for our community



# Values

Integrity, **R**espect, **E**xcellence,  
**A**ccountability, **P**eople



# Vision

Develop a vibrant regional economy, safe and beautiful neighborhoods and exceptional recreational, cultural and educational opportunities powered by a high performing government

