

Evapotranspiration: OpenET



Integration with precipitation
and irrigation status data

Calculated Irrigation Depth

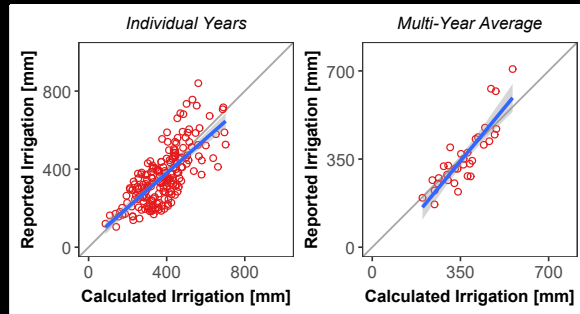


Fields:
Compare to farmer data

Water right groups:
Compare to flowmeters

Management area:
Compare to total for
all flowmeters in area

ET-based irrigation calculations agree best with reported irrigation using total growing season ET from the OpenET ensemble mean when irrigated area is precisely known.



Uncertainties for ET-based irrigation calculations include:

- Linking well locations to fields
- Year-to-year soil moisture changes
- Effective precipitation calculation
- Selection of ET algorithm