

**Integration of EUMETSAT Land Surface Analysis data
for use in agrometeorological service by the Polish
Institute of Meteorology and Water Management**

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METEO
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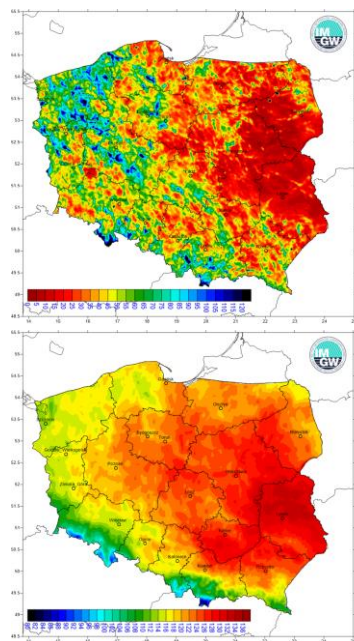
agrometeo.imgw.pl – comprehensive platform, tool for farmers, agricultural advisors, researchers and decision-makers.

Integration of high-resolution data from EUMETSAT's Land Surface Analysis Satellite Application Facility.

Drought Monitoring

Plant Health Analysis (LAI, FAPAR)

Crop Yield Forecasting & Management

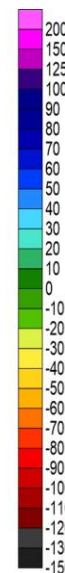
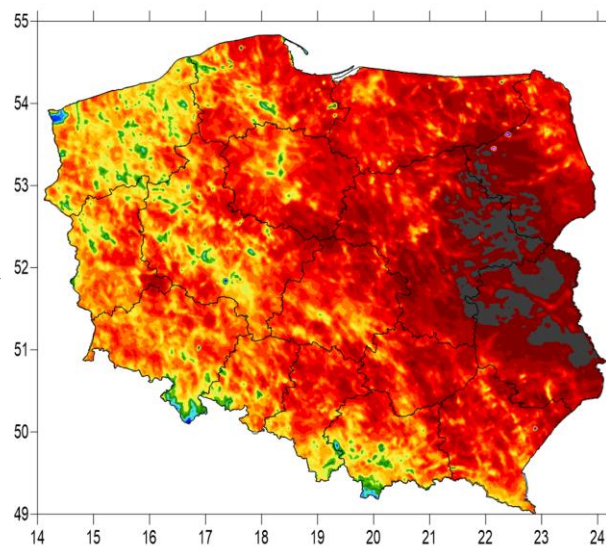
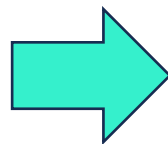


Evapotranspiration

from MSG ET Ref

Precipitation

combined (multiple sources)



Climatic Water Balance

drought indicator used in agriculture

*In agrometeorology, it is most often assumed that in **monthly periods**, values **lower than -50 mm** indicate the occurrence of drought, while in the **growing season** considered as a whole, values **lower than 150 mm** indicate drought. Such values may also indicate the need to irrigate a given crop.*

raw data → combined data → stressors for crops → communication → minimisation of risks