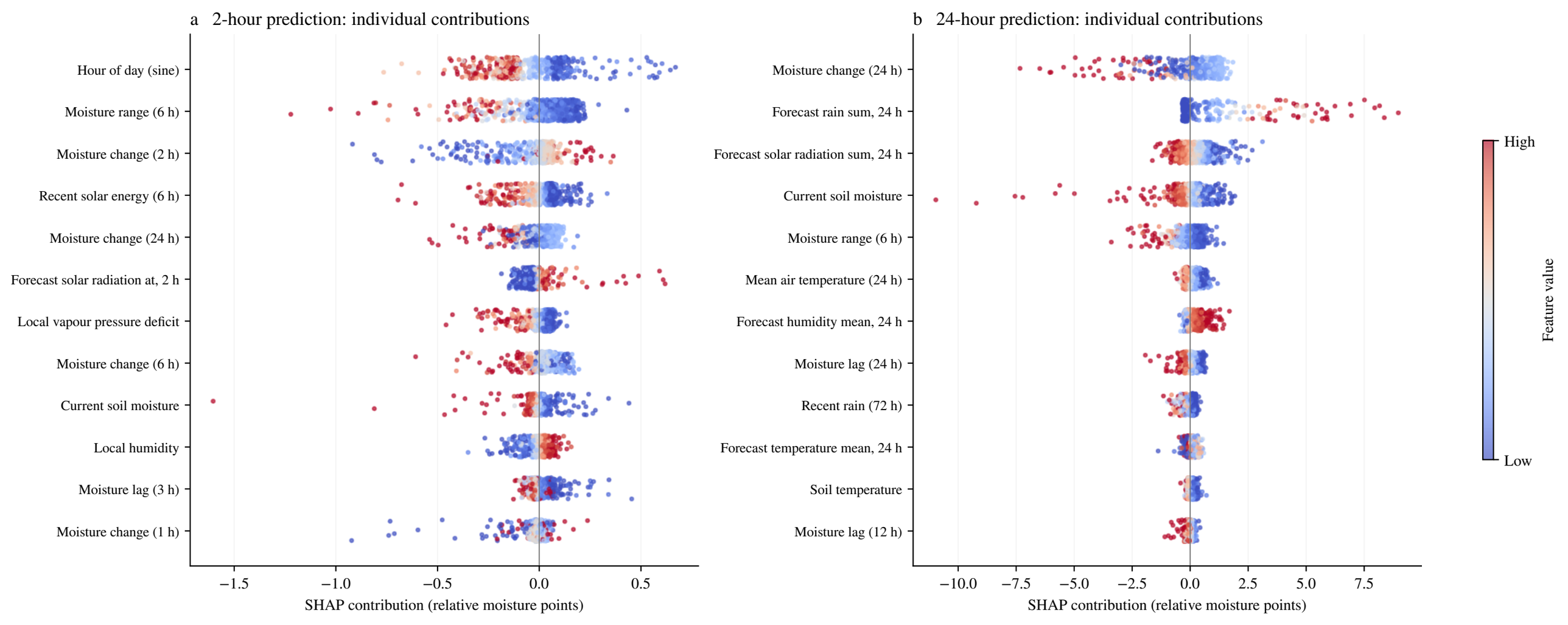

a 2-hour prediction: individual contributions
Hour of day (sine)
Moisture range (6 h)
Moisture change (2 h)
Recent solar energy (6 h)
Moisture change (24 h)
Forecast solar radiation at, 2 h
Local vapour pressure deficit
Moisture change (6 h)
Current soil moisture
Local humidity
Moisture lag (3 h)
Moisture change (1 h)
−1.5
−1.0
−0.5
0.0
0.5
SHAP contribution (relative moisture points)
b 24-hour prediction: individual contributions
Moisture change (24 h)
Forecast rain sum, 24 h
Forecast solar radiation sum, 24 h
Current soil moisture
Moisture range (6 h)
Mean air temperature (24 h)
Forecast humidity mean, 24 h
Moisture lag (24 h)
Recent rain (72 h)
Forecast temperature mean, 24 h
Soil temperature
Moisture lag (12 h)
−10.0
−7.5
−5.0
−2.5
0.0
2.5
5.0
7.5
SHAP contribution (relative moisture points)
High
Low
Feature value