



Copertina

Corso di Fisica dello Strato Limite Atmosferico

Lo strato limite superficiale (Surface layer)

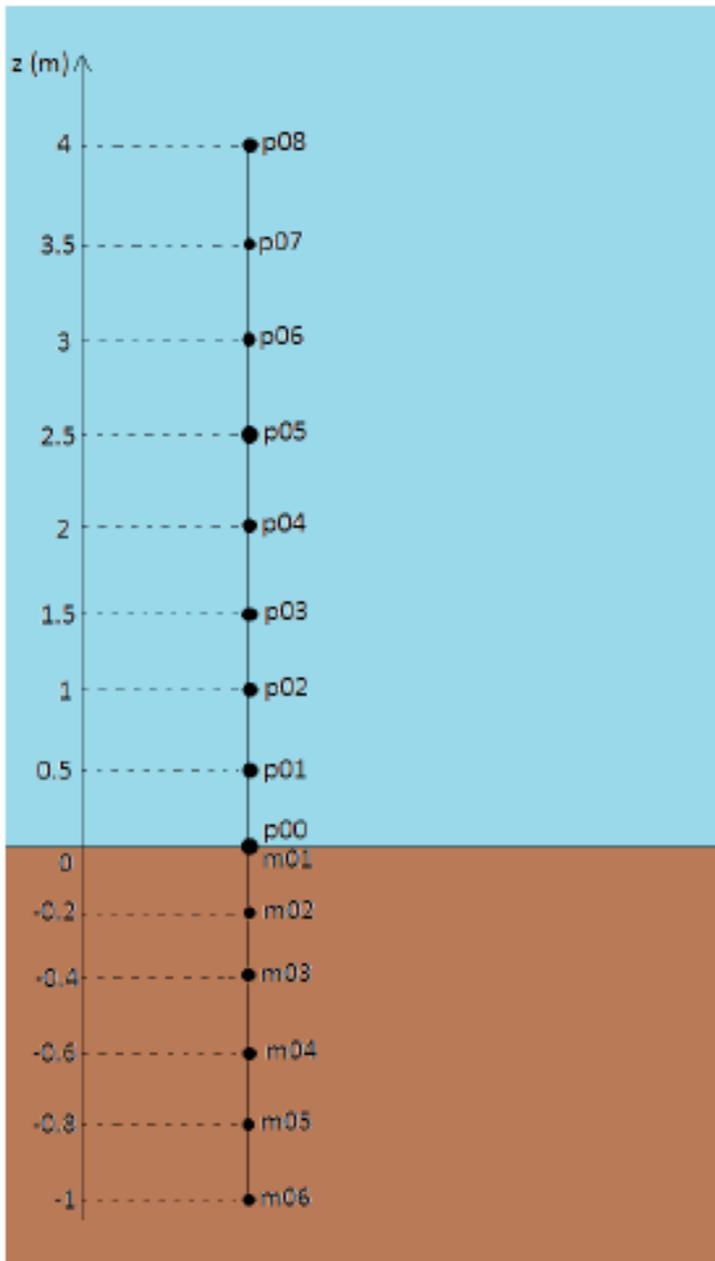
Giaiotti Dario



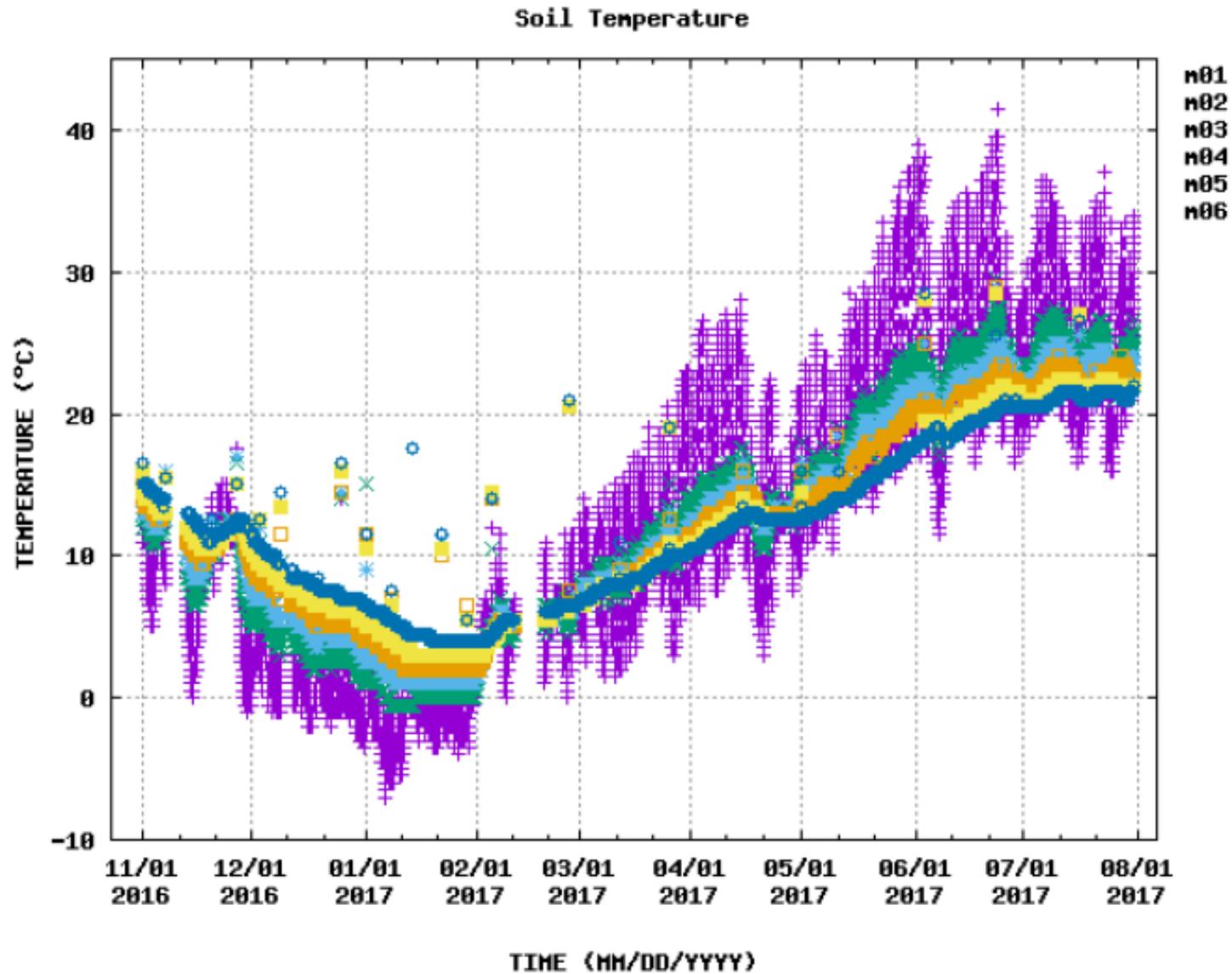
Sommario della lezione

- Definizione di strato limite superficiale
- Caratteristiche dello strato limite superficiale
- Bibliografia di riferimento e per approfondimenti.

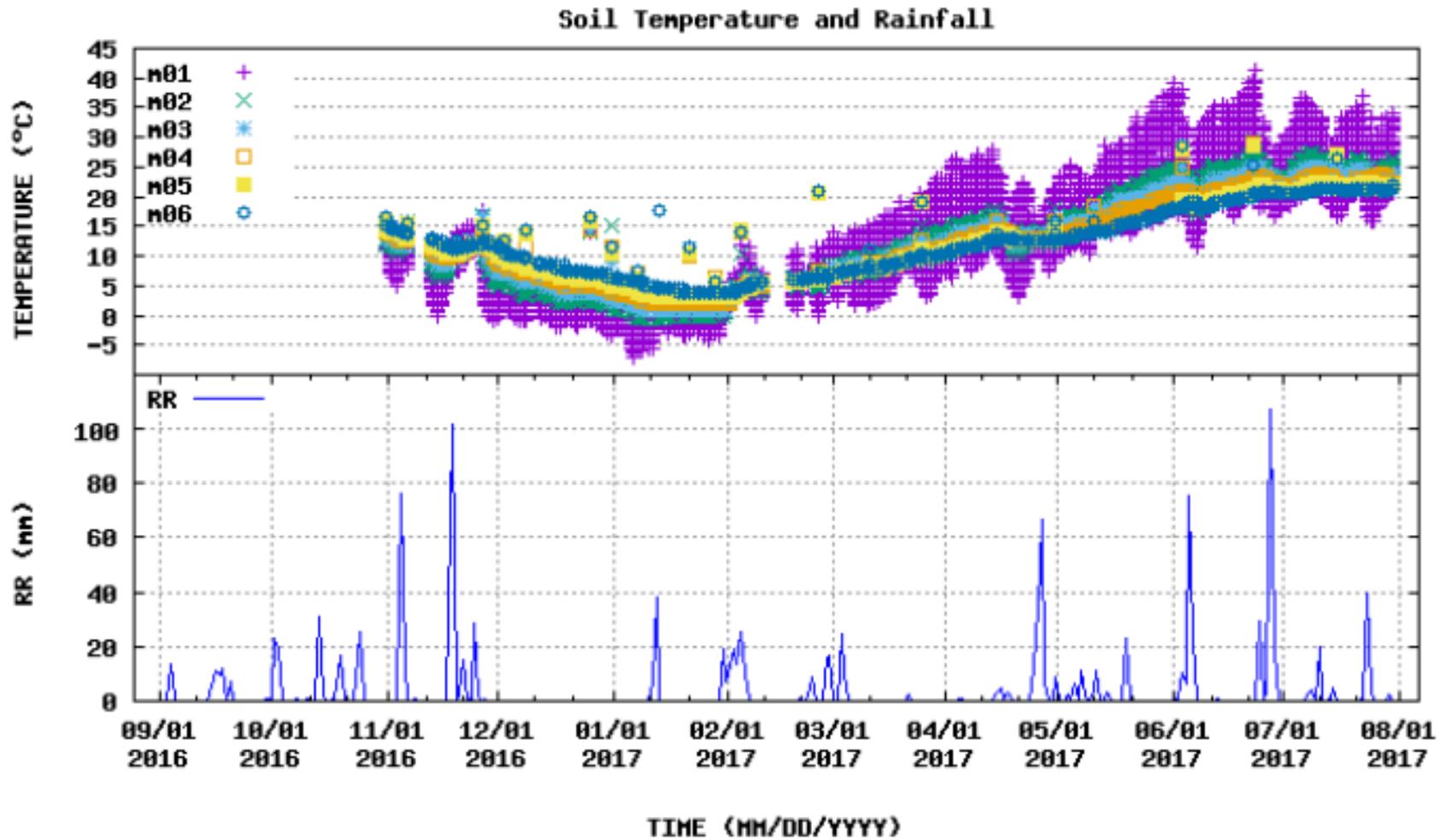
Misure nel surface layer e nel terreno



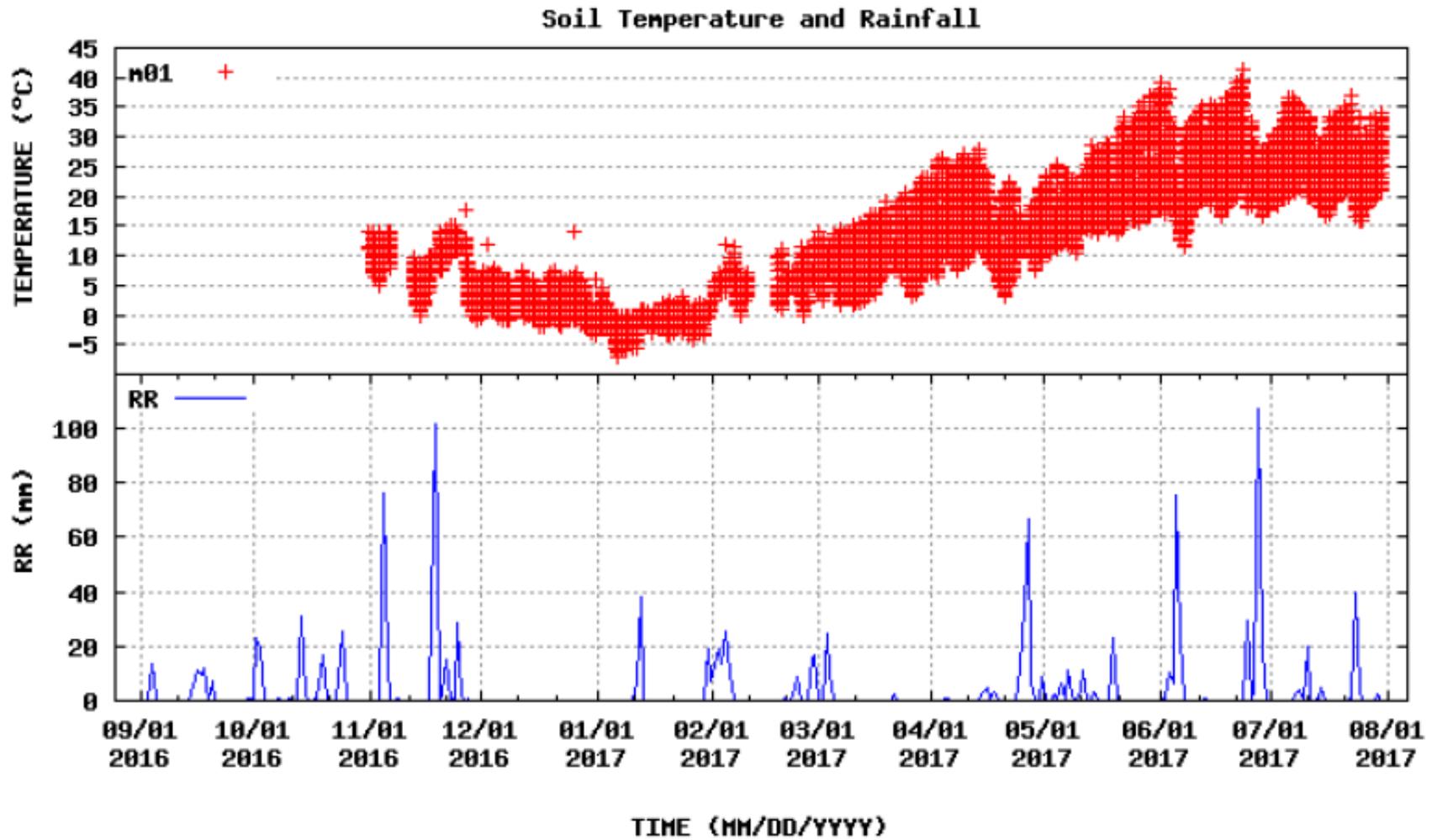
Serie temporale delle temperature nel suolo



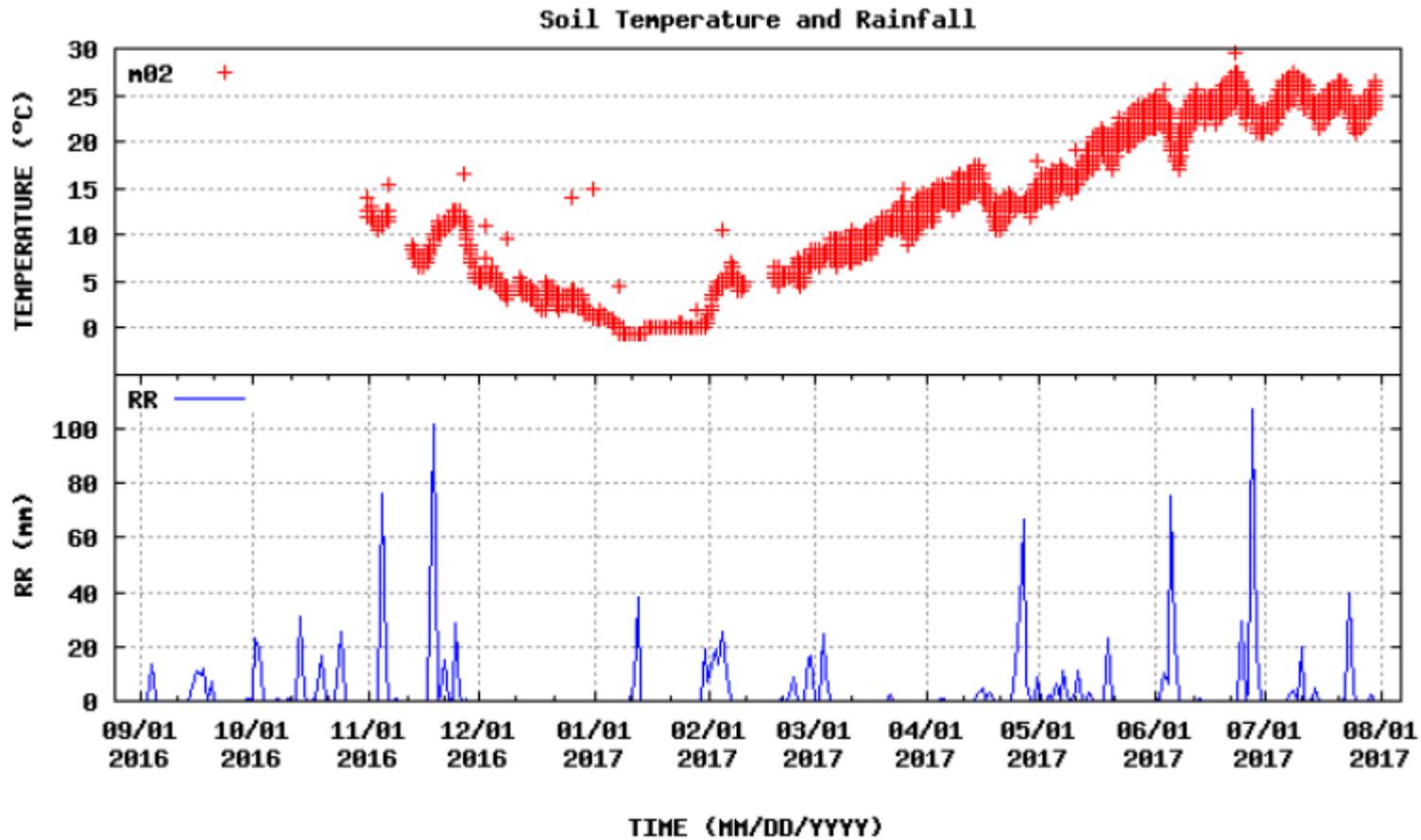
Temperature del suolo e precipitazione



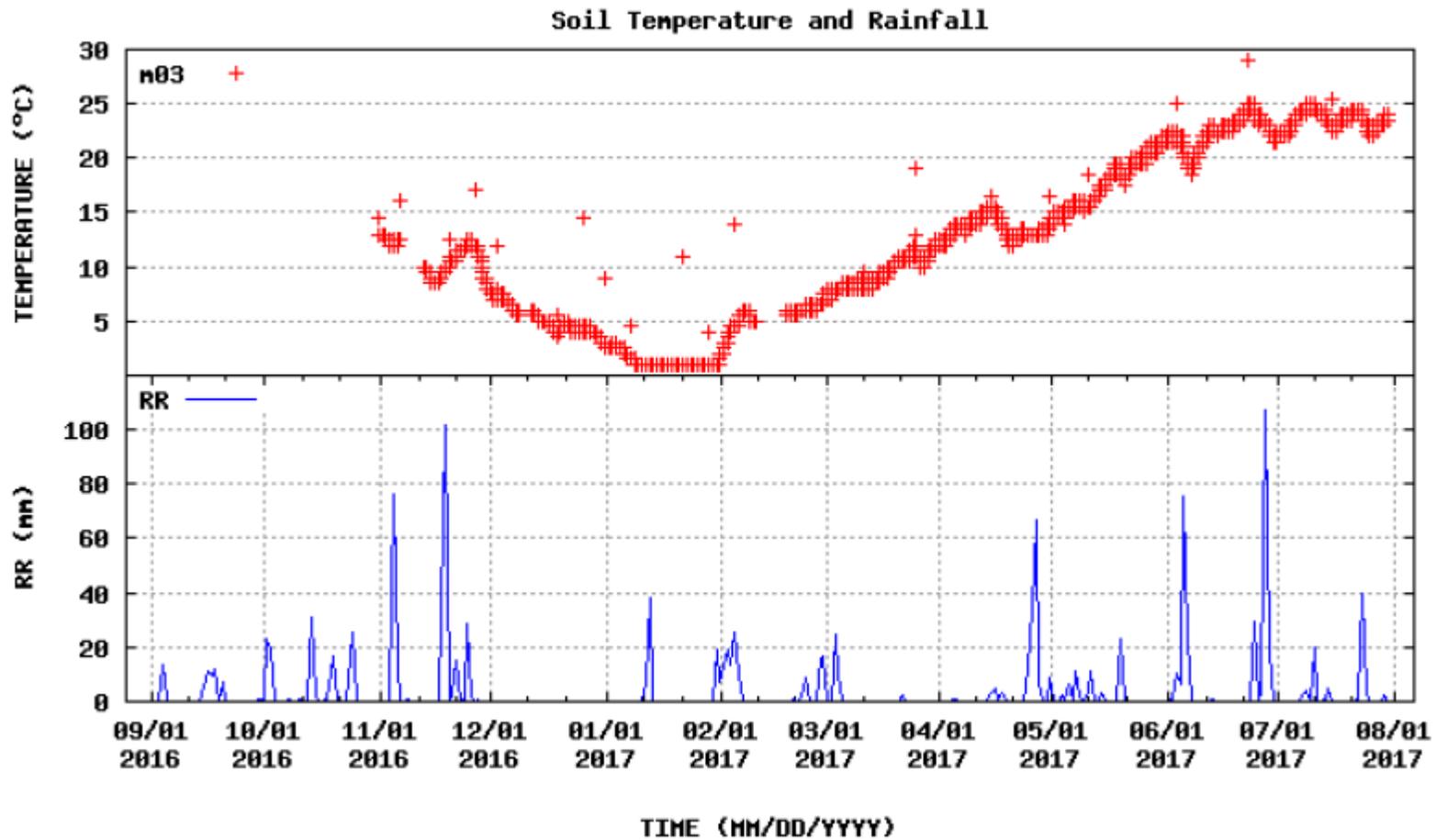
Temperatura e precipitazione 0 cm



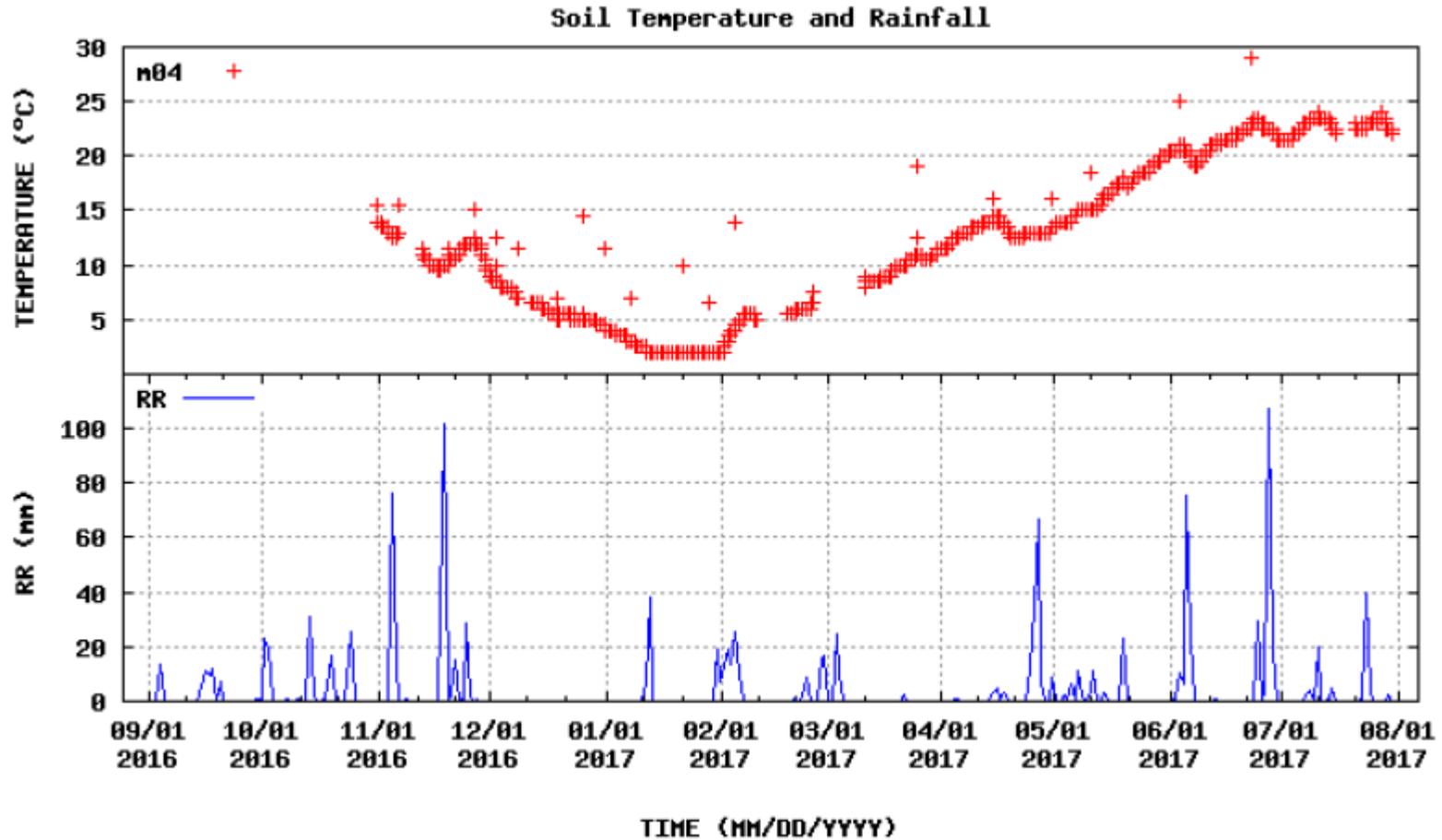
Temperatura e precipitazione -20 cm



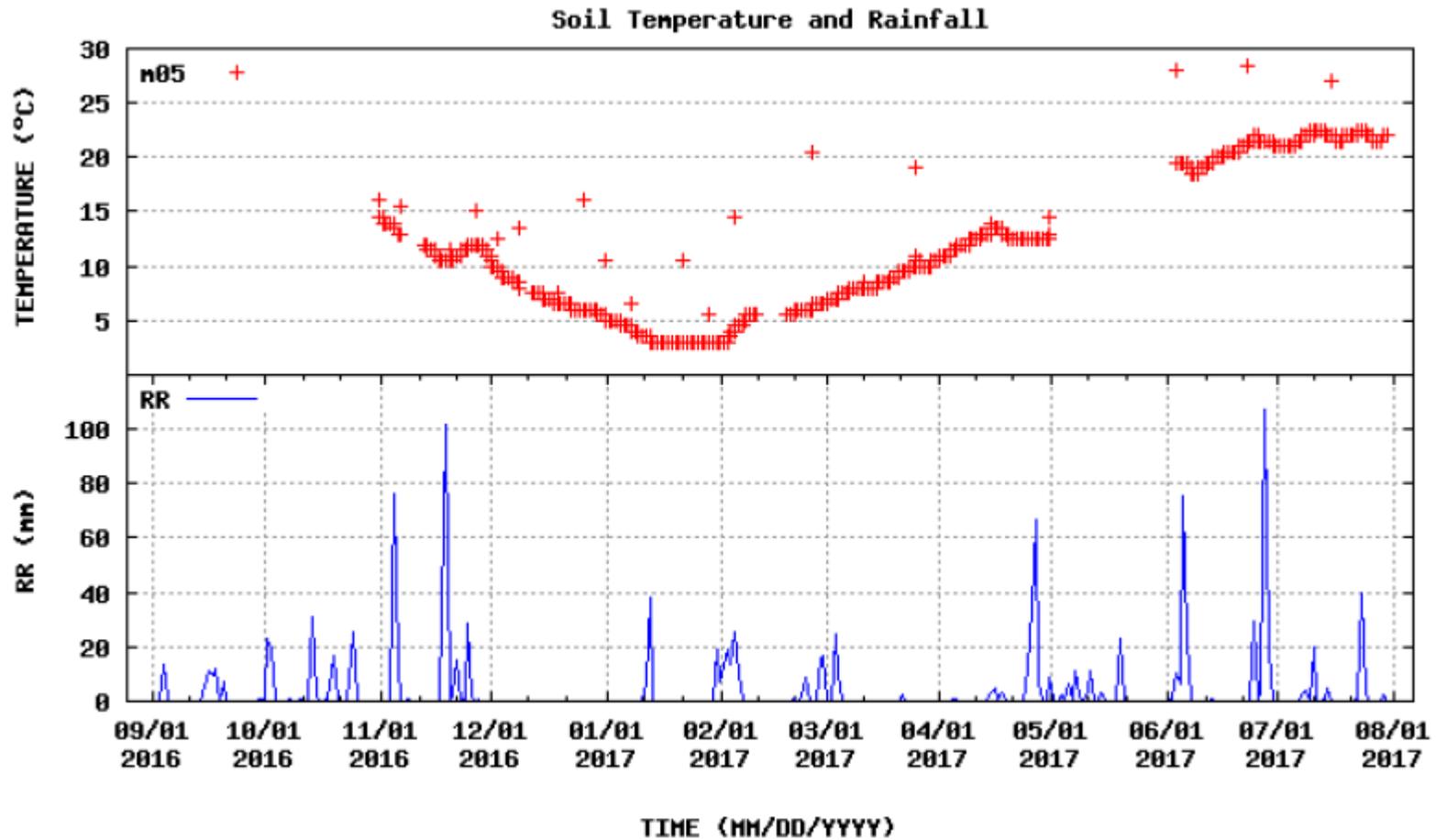
Temperatura e precipitazione -40 cm



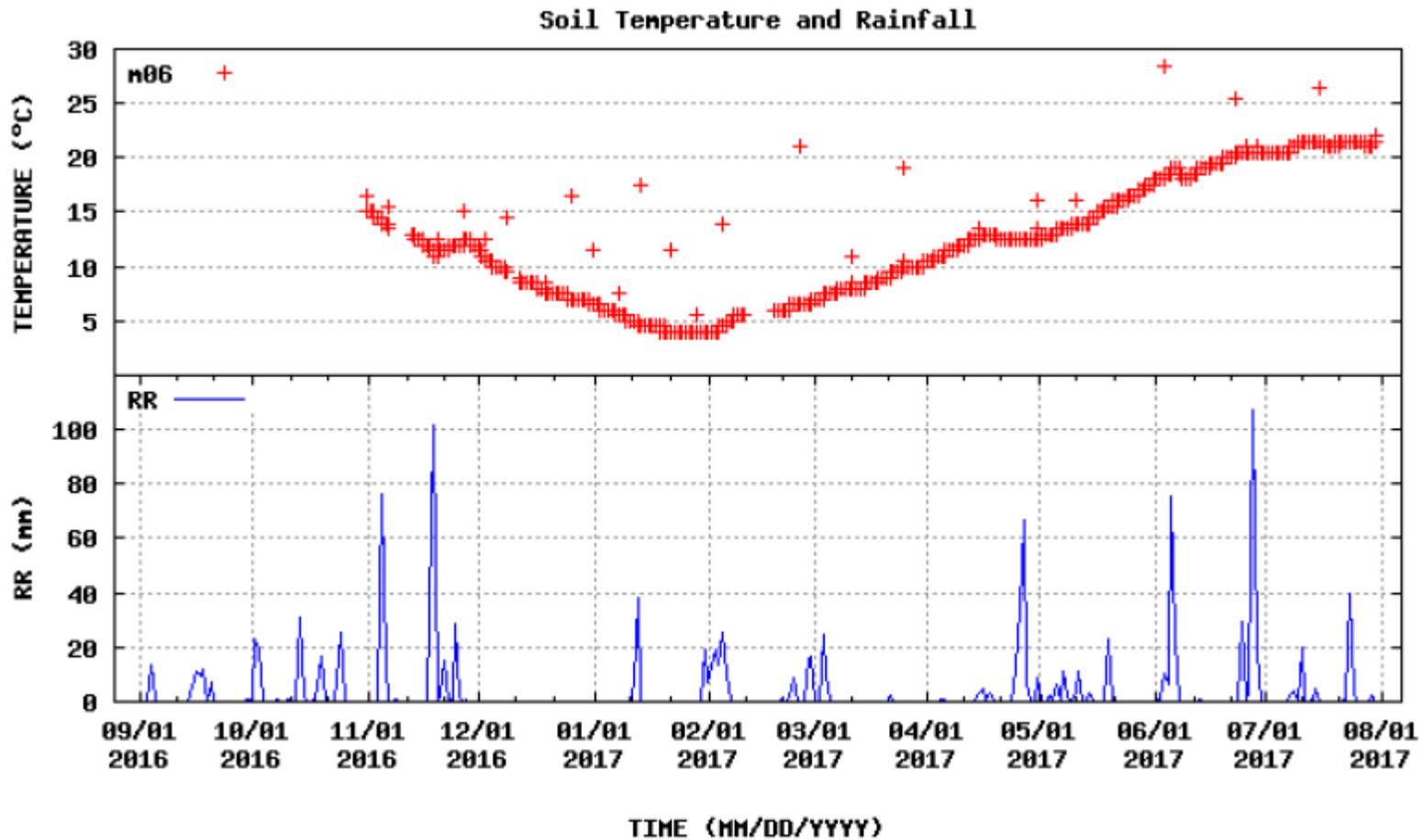
Temperatura e precipitazione -60 cm



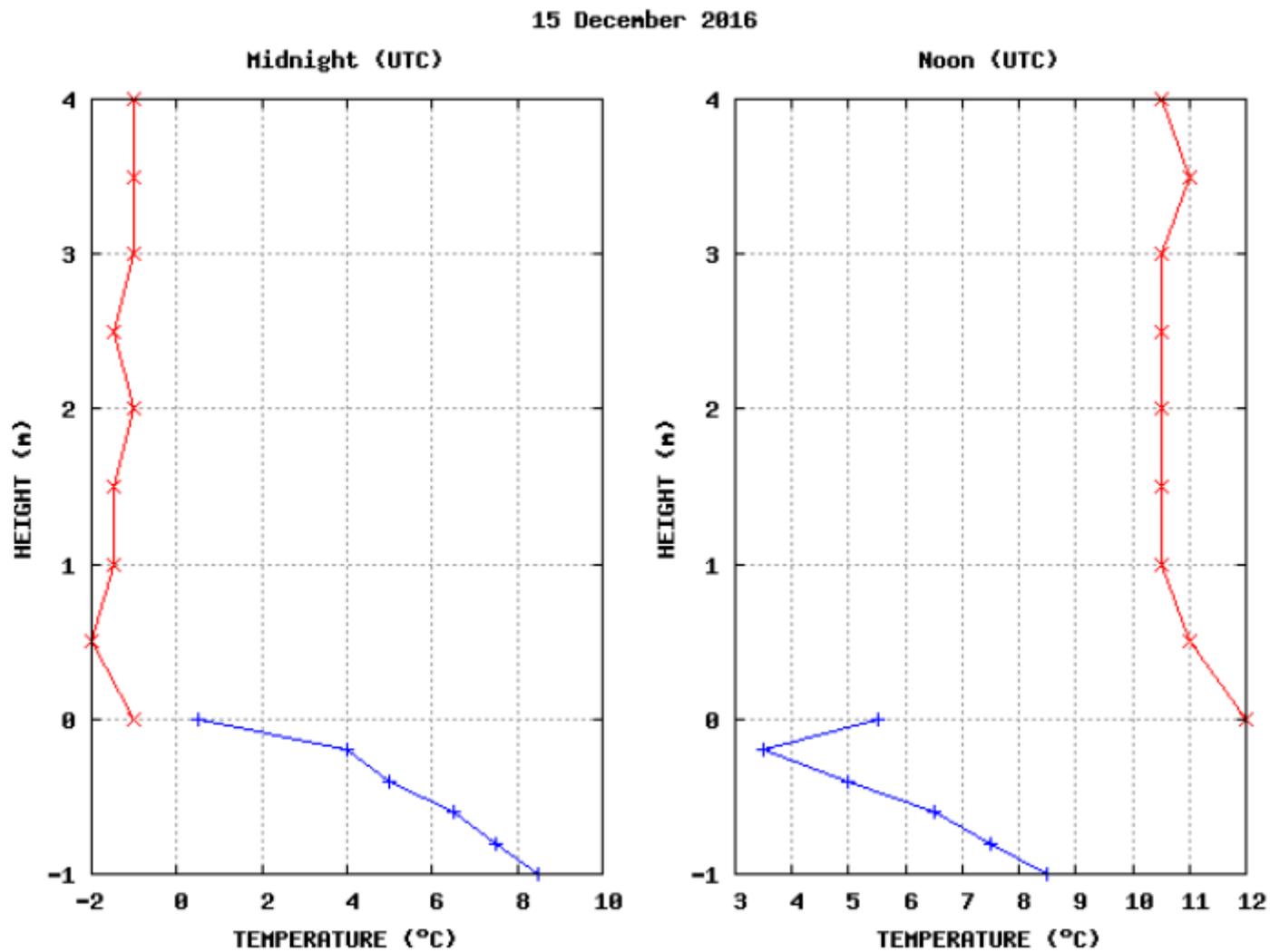
Temperatura e precipitazione -80 cm



Temperatura e precipitazione -100 cm

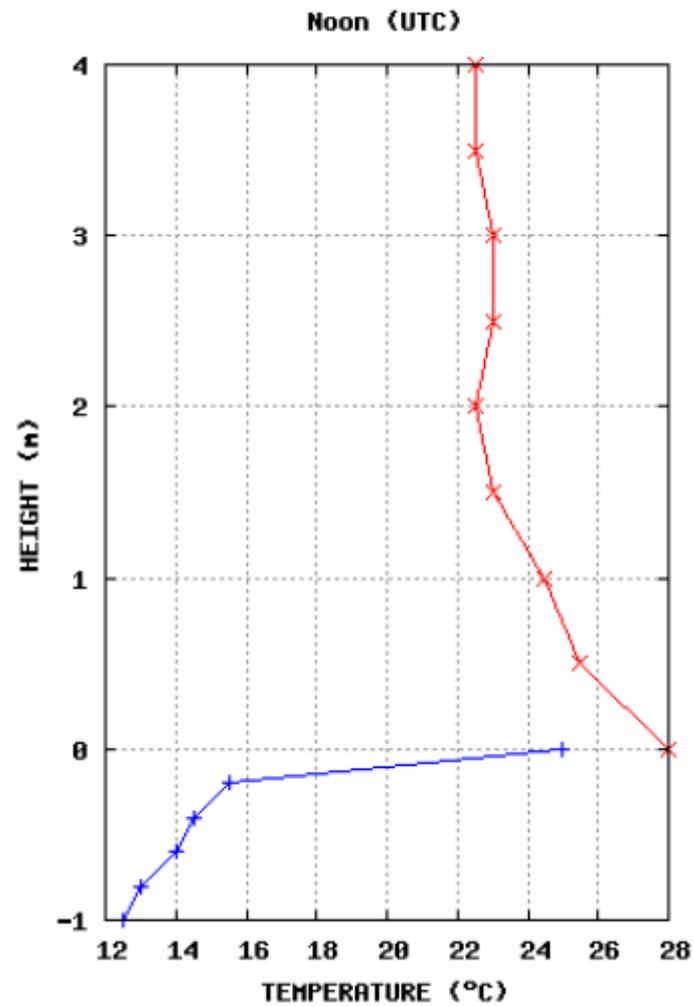
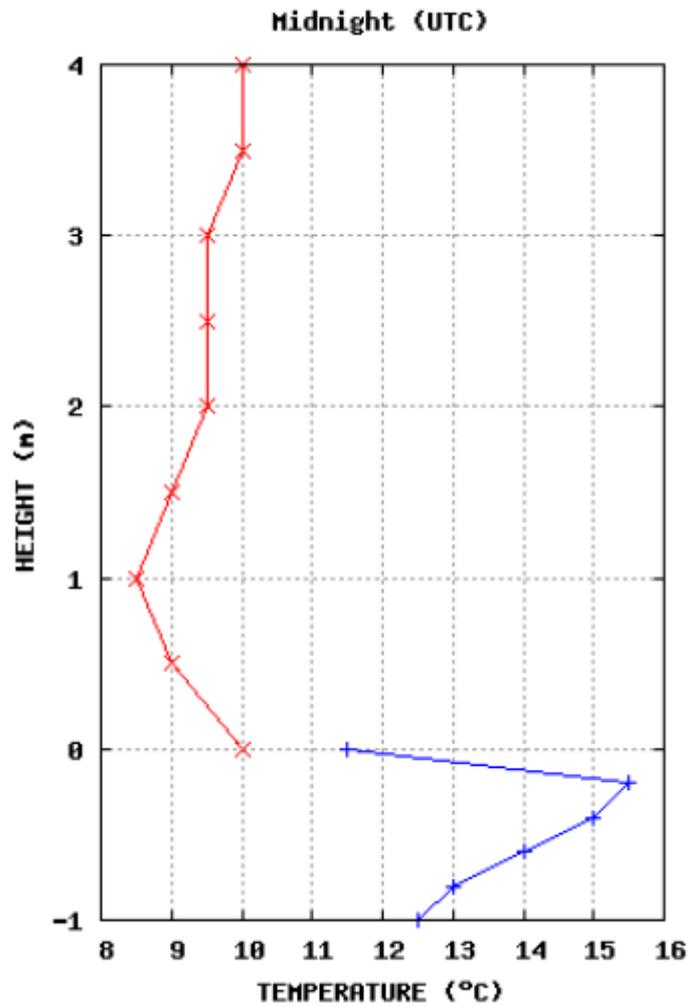


Profili termici tipici invernali



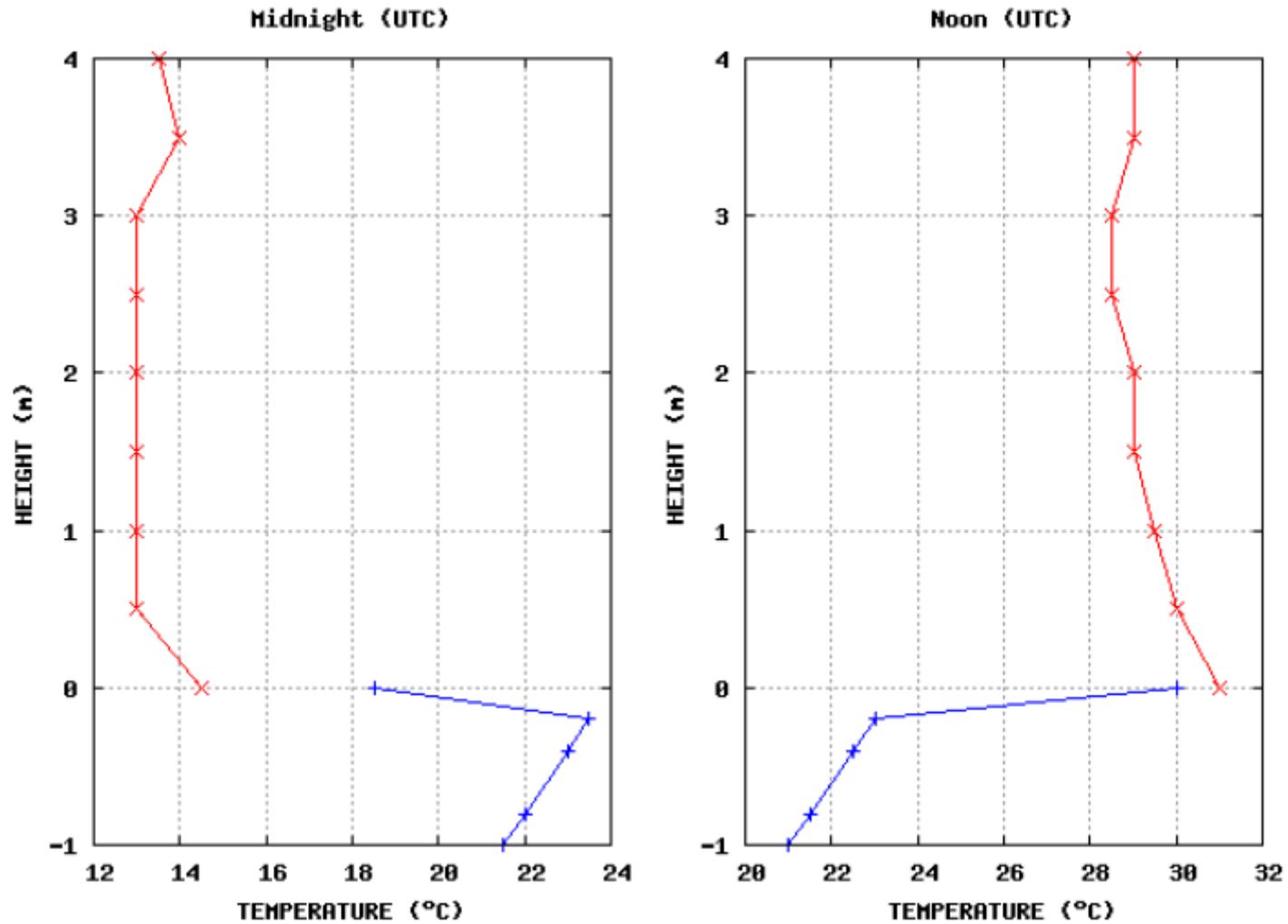
Profili termici tipici primaverili

14 April 2017

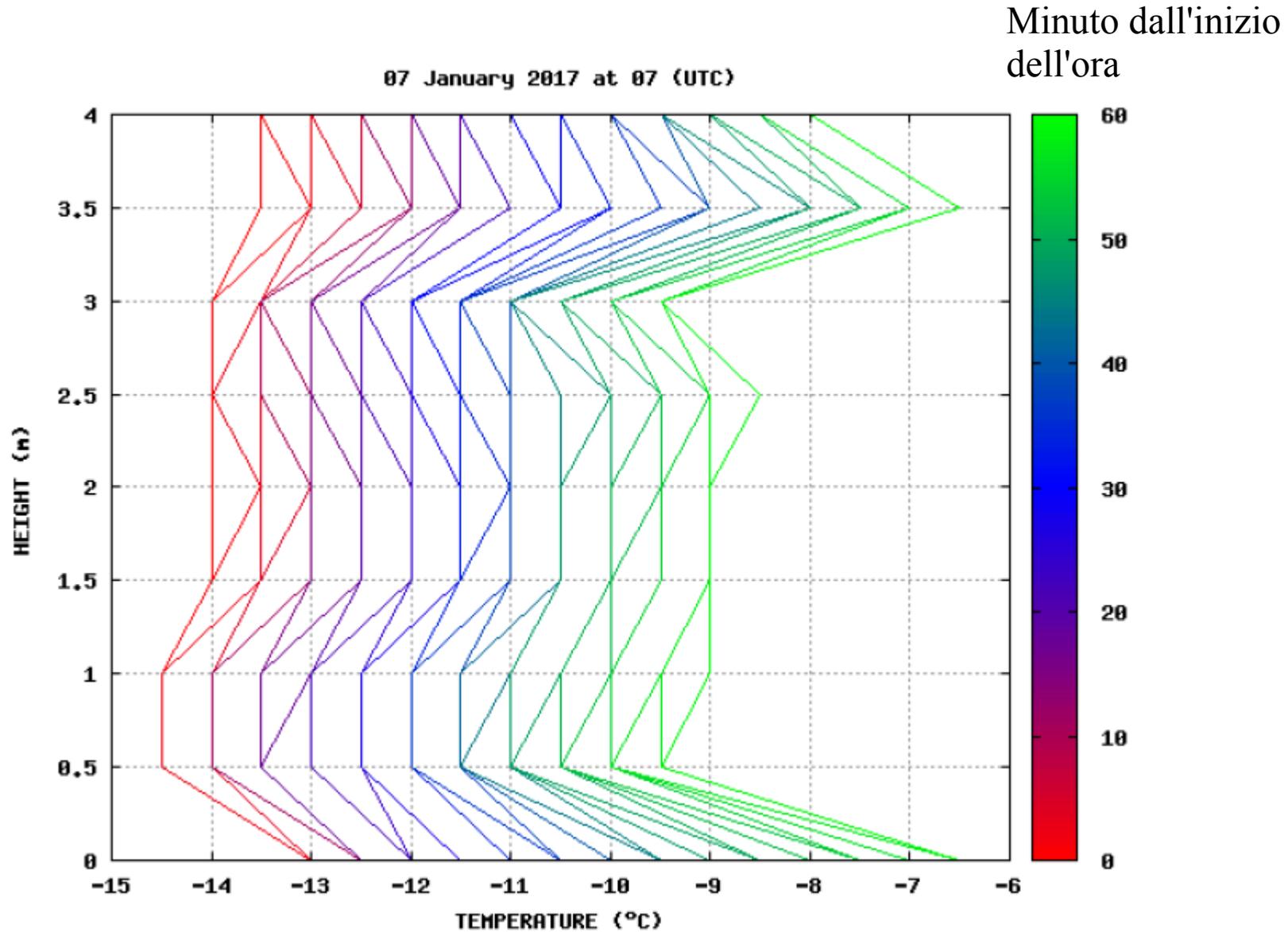


Profili termici tipici estivi

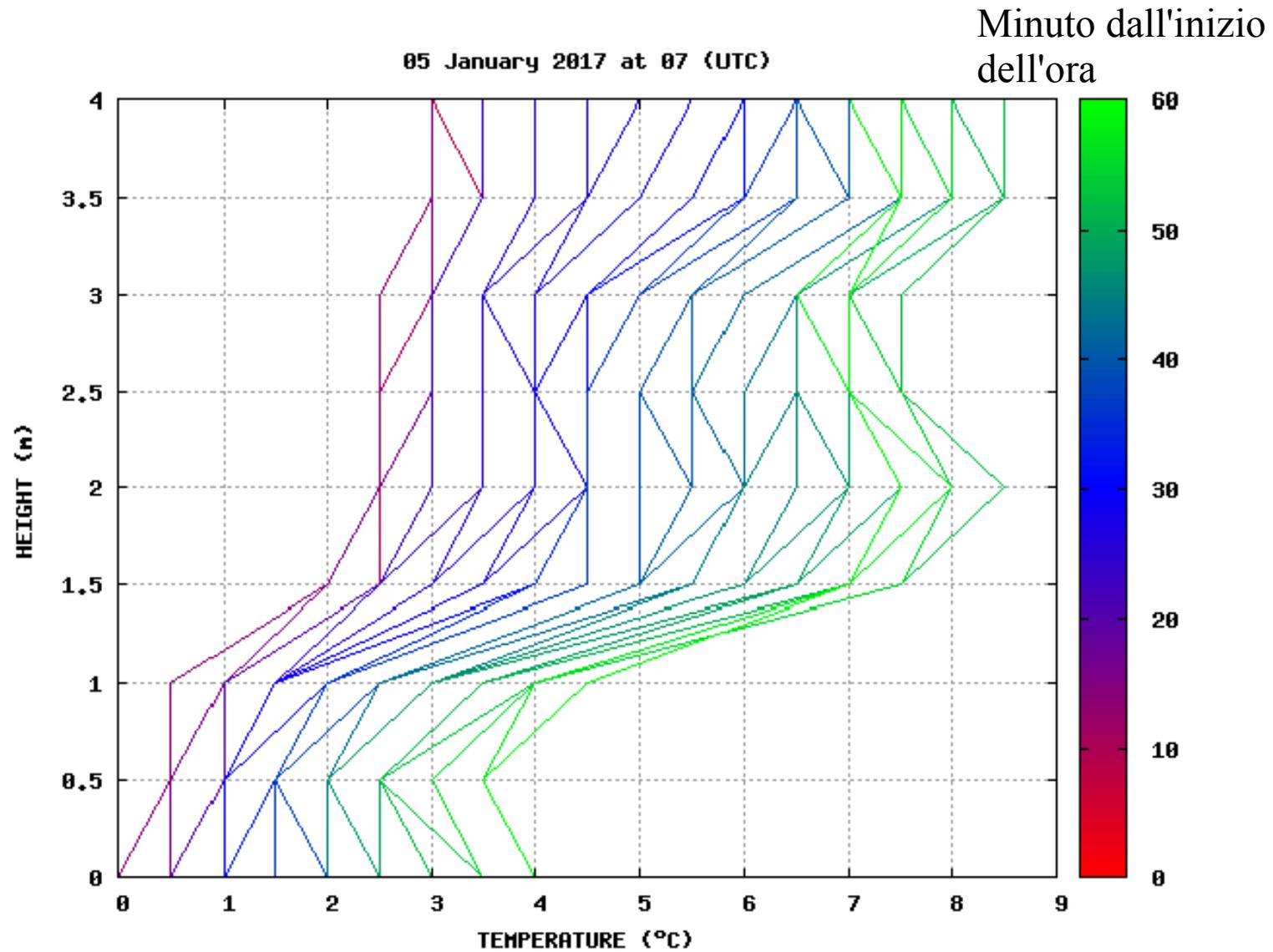
17 July 2017



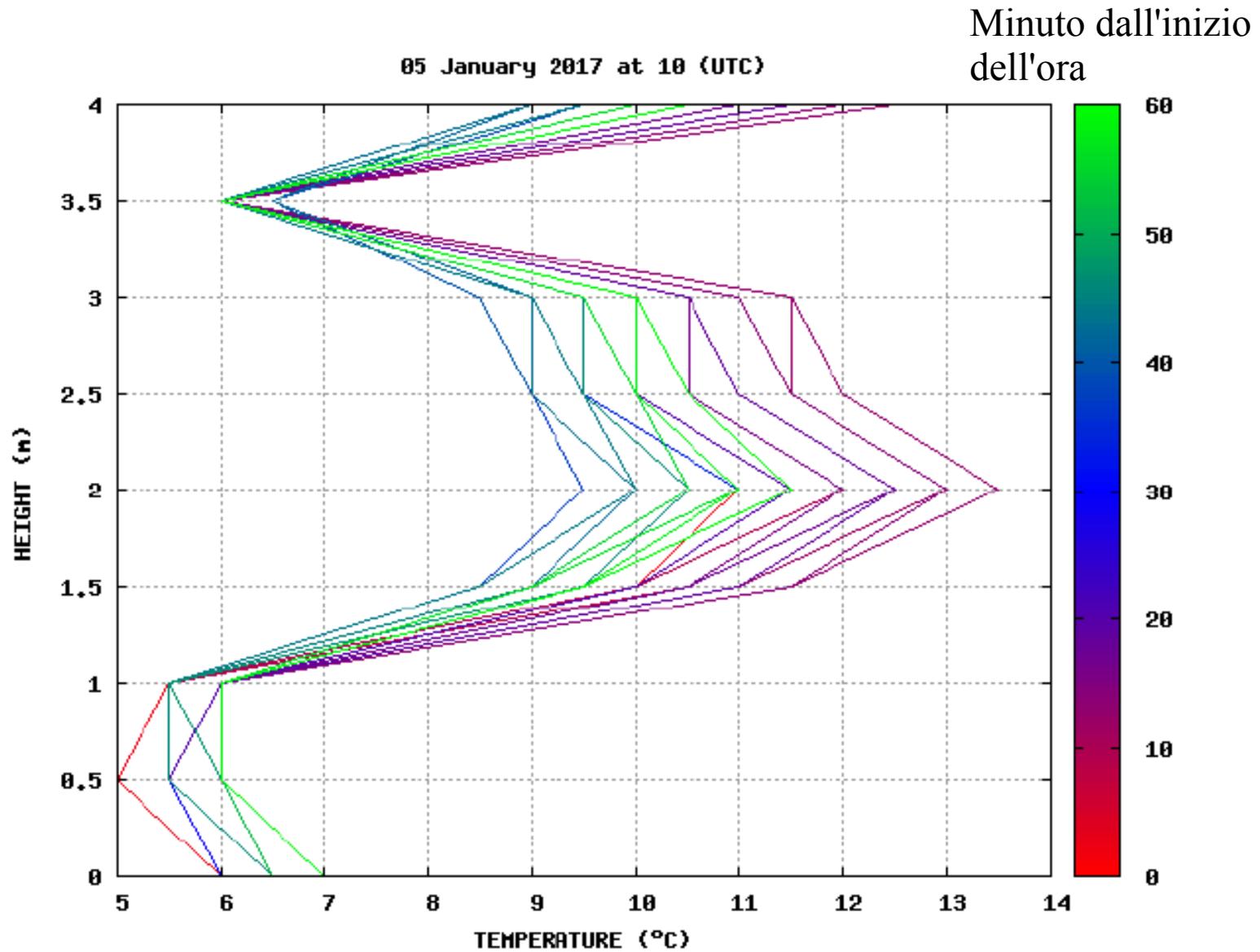
Evoluzione del gradiente termico nel surface layer in inverno assenza di vento



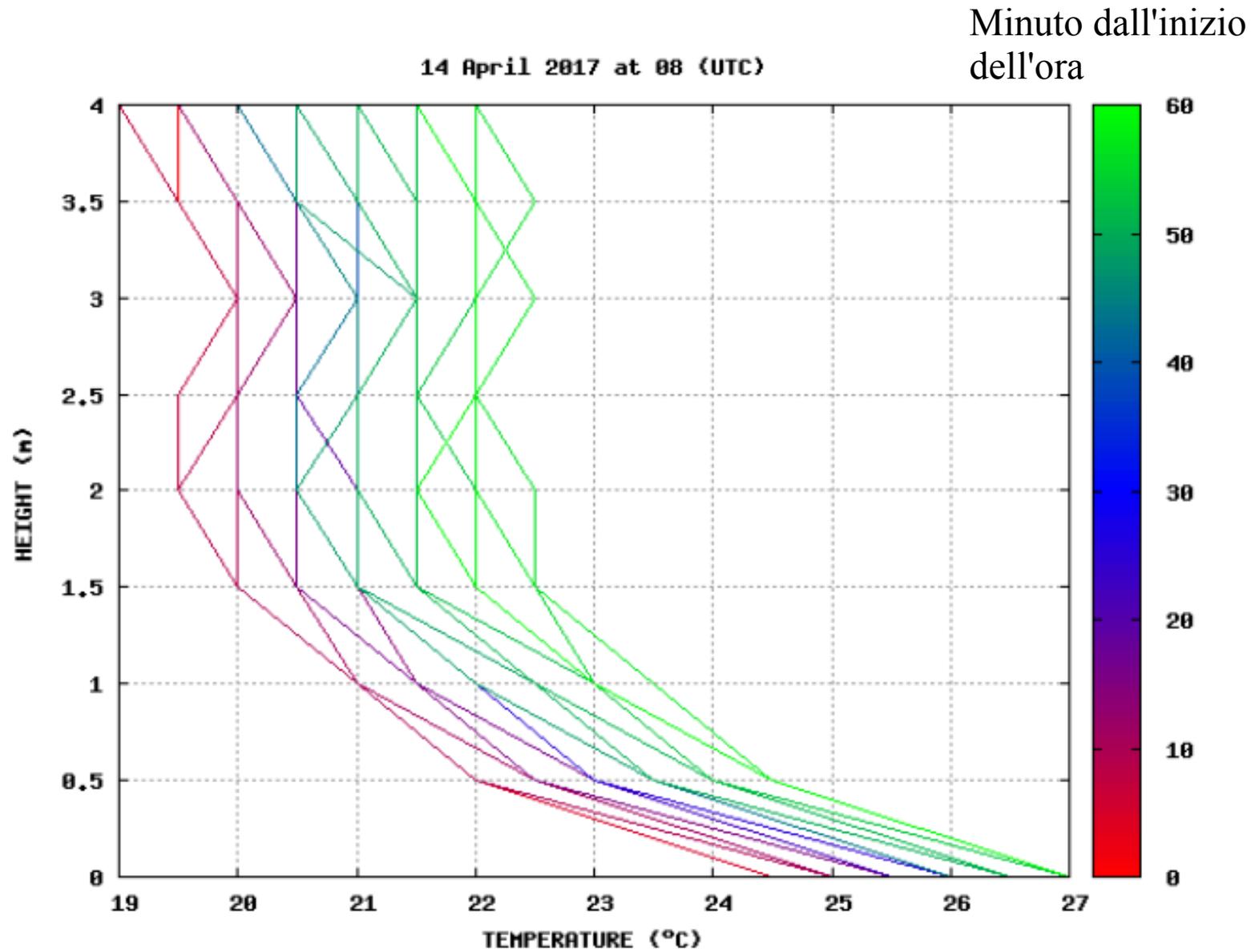
Evoluzione del gradiente termico nel surface layer in inverno – presenza di vento



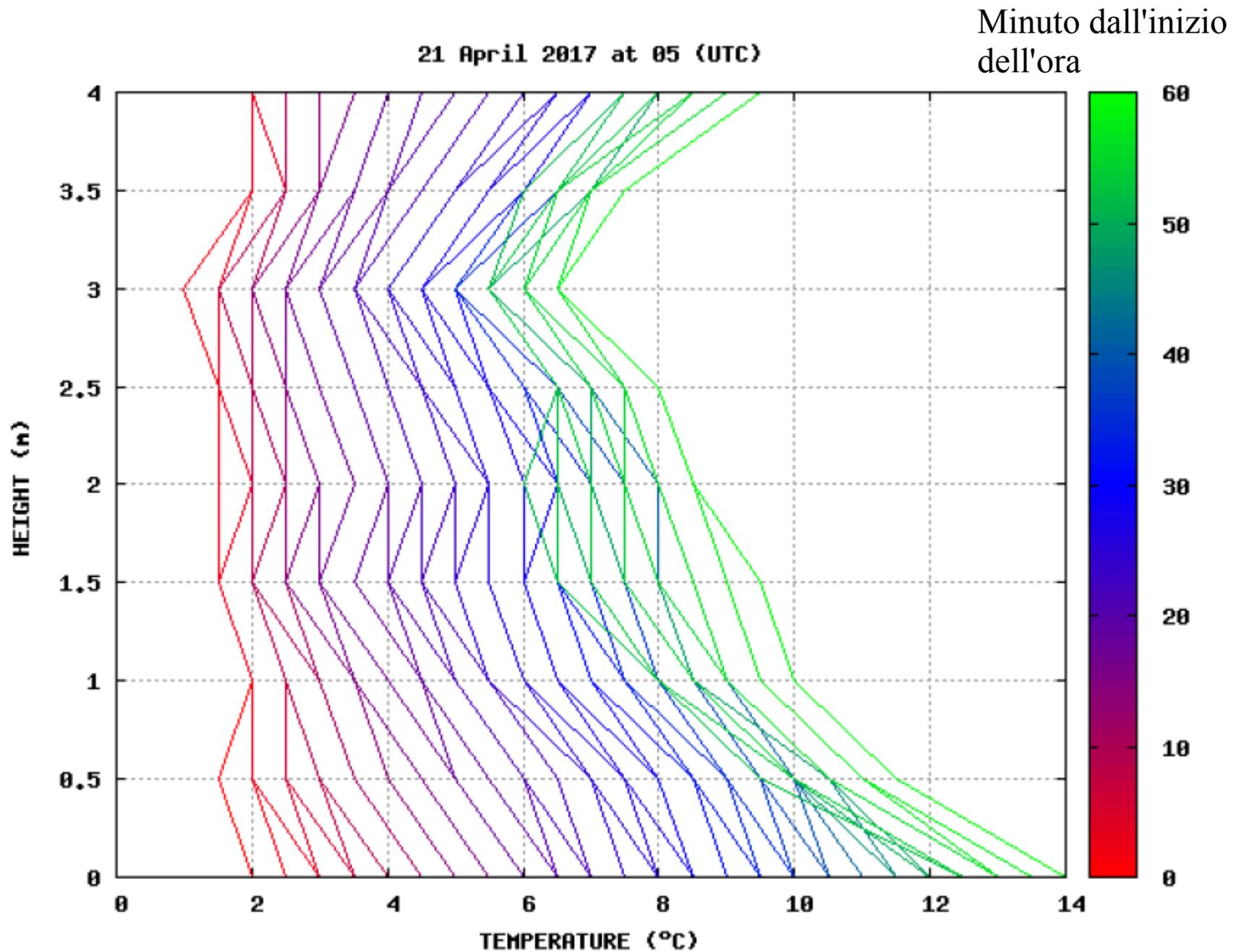
Evoluzione del gradiente termico nel surface layer in inverno presenza di vento



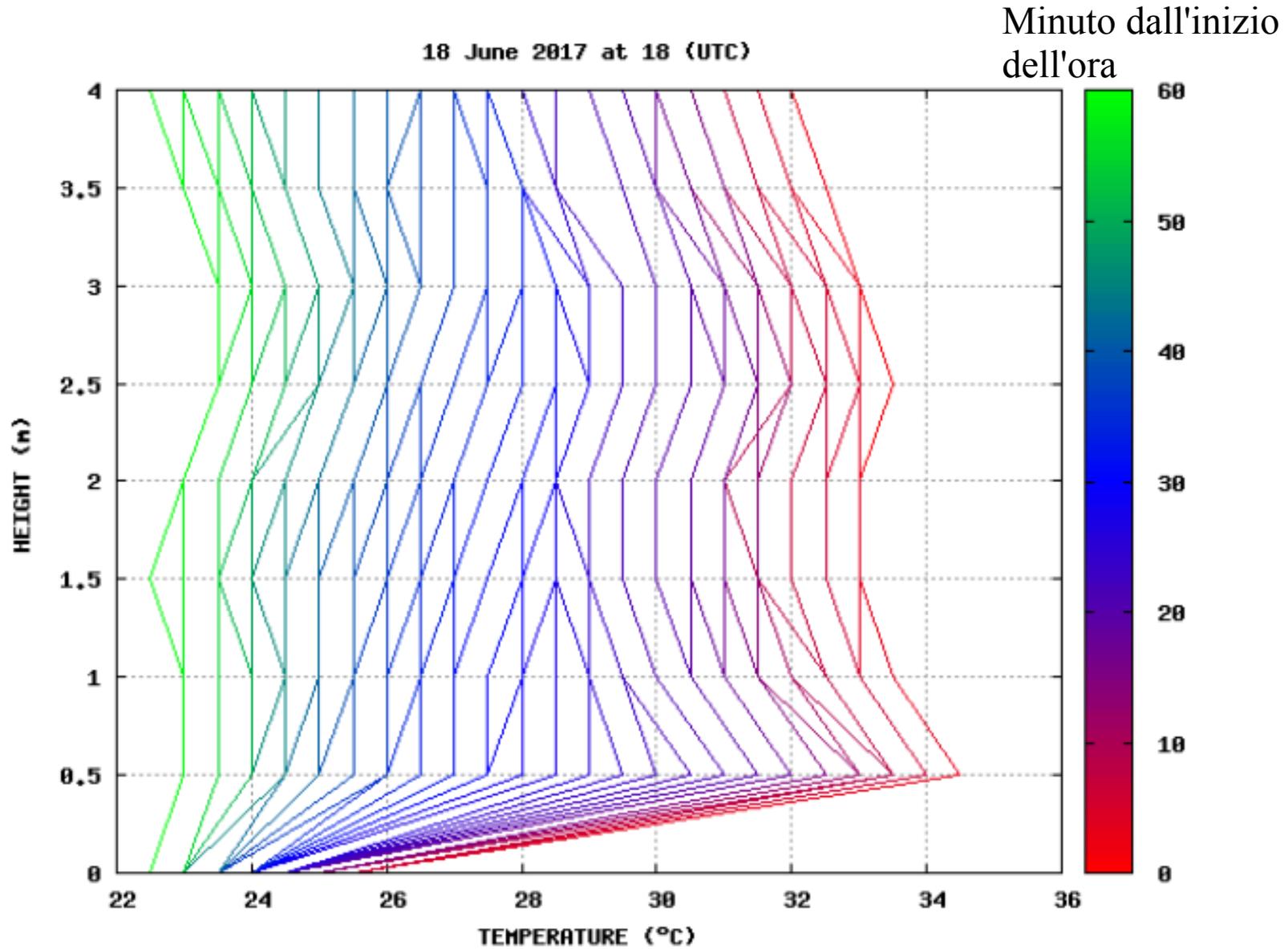
Profili termici primaverili



Evoluzione primaverile all'alba in assenza di vento



Evoluzione estiva al tramonto in assenza di vento



Bibliografia di riferimento

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A.S. Monin and A.M. Obukhov

https://mcnaughty.com/keith/papers/Monin_and_Obukhov_1954.pdf

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Titolo diapositiva



Titolo

