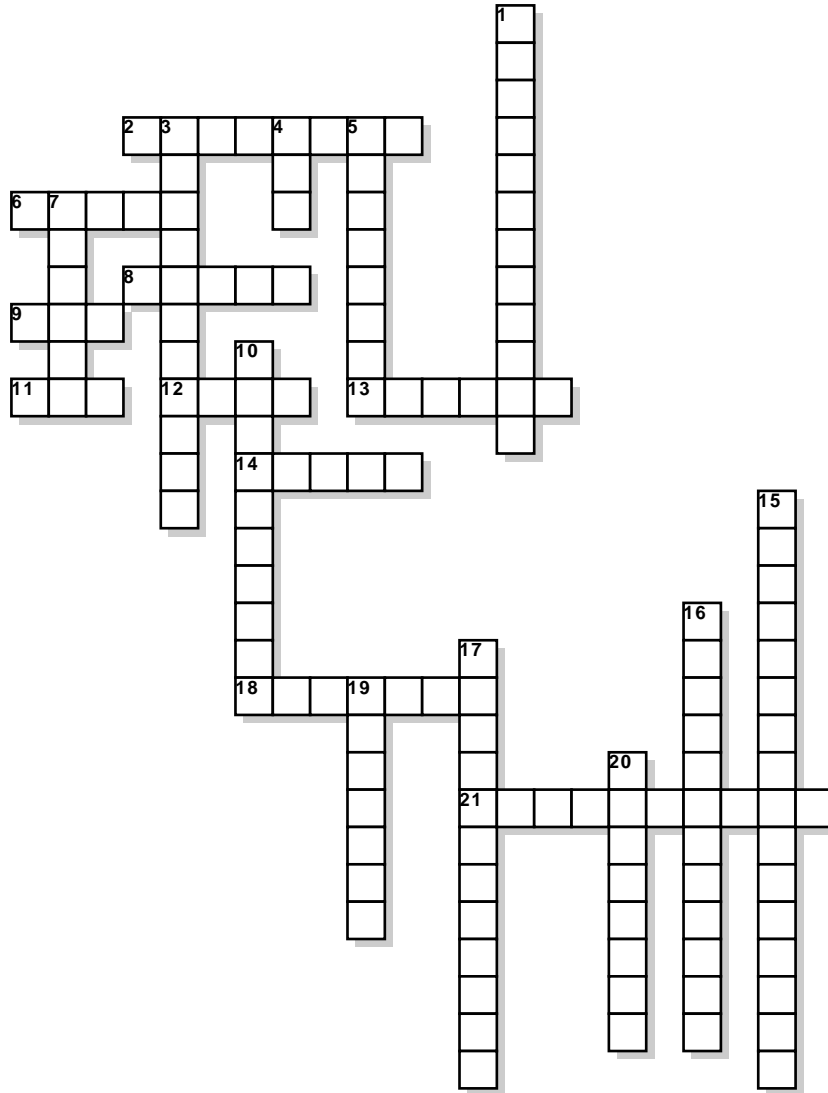


Crossword Puzzle



Across

- 2 process leading to upward motions
- 6 land-sea breezes can also occur over large
- 8 name of the ratio between sensible and latent heat flux
- 9 during a land breeze the low pressure perturbation at the surface is located over the

Down

- 1 classical mesoscale circulation cause in fall & early winter when cold air travels down the East Coast
- 3 wind up a hill
- 4 mesoscale circulations affect the
- 5 in a land-sea breeze the ... force plays a role
- 7 differences in surface heating may be due to differences in

Across

- 11 the nighttime circulation in a valley may lead to ... in the valley
- 12 what basic flow pattern do you need for (non-)classical mesoscale circulations to form
- 13 (non-)classical mesoscale circulation occur in
- 14 vegetation has a ... ratio between sensible and latent heat flux than urban land
- 18 which part of a classical mesoscale circulation is the strongest
- 21 atmospheric feature associated with mesoscale circulations

Down

- 10 wind along the valley floor that builds at night
- 15 non-classical mesoscale circulation occurring in irrigated deserts
- 16 what kind of waves can a land-sea breeze system cause
- 17 physical characteristic causing that water cools less strong than land
- 19 what differences do you need for a classical mesoscale circulation to form
- 20 for the surfaces in meoscale circulations the partitioning of energy between ... and latent heat differs