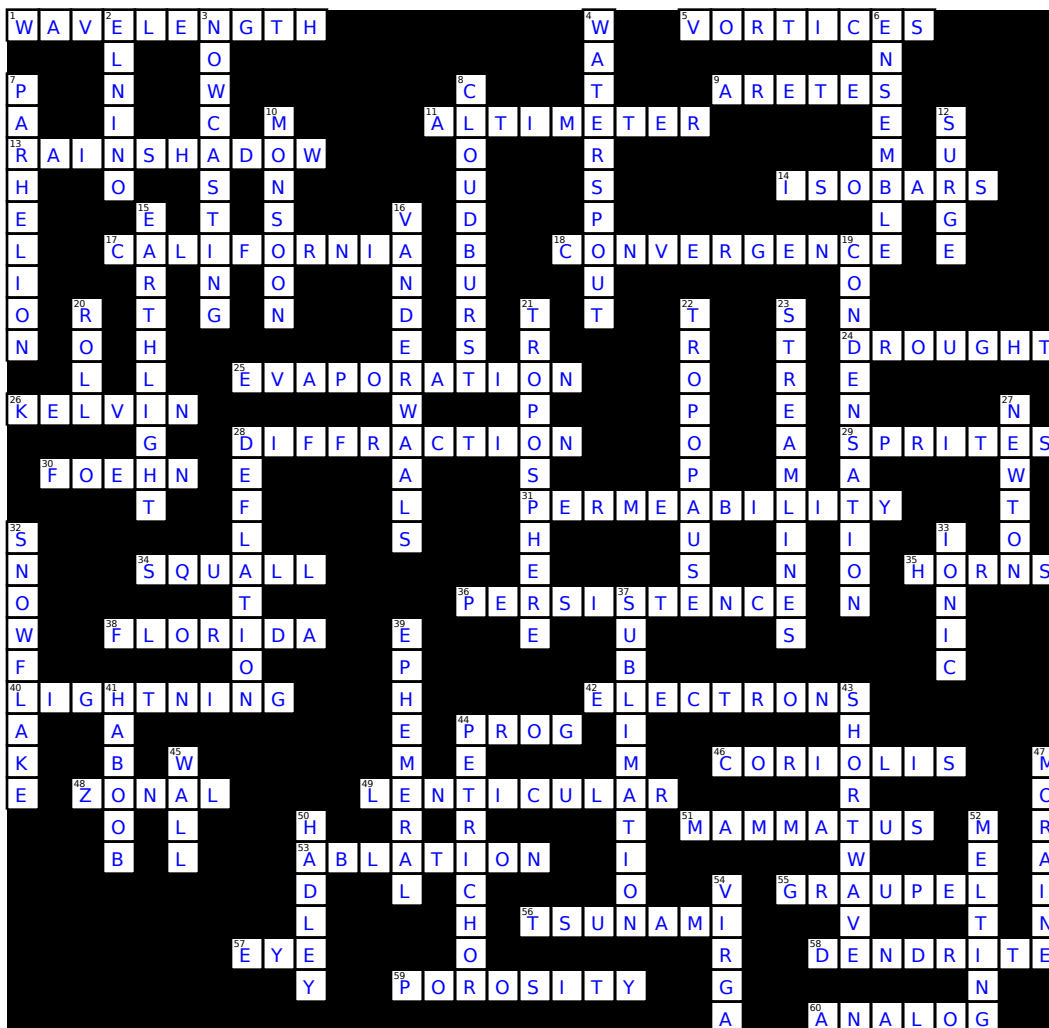


# weather

## Egan



### Across

- 1 the distance separating successive ridges and troughs
- 5 rapidly rotating whirls in a tornado
- 9 sharp-edged ridges, French for knife-edge
- 11 measures pressure
- 13 dry region downwind of mountain
- 14 lines equal of pressure
- 17 ocean current flowing south along west coast
- 18 piling up air above a region
- 24 a prolonged period of abnormally low rainfall; a shortage of water resulting from this.
- 25 liquid to vapor state
- 26 temperature scale
- 28 bending of waves around objects
- 29 short-lived electrical bursts that rise from the top of cloud tops
- 30 chinook wind in Alps
- 31 ability to transmit a fluid through a material
- 34 intense shower
- 35 sharp, pyramid-like mountain peaks
- 36 prediction using current conditions
- 38 state with most thunderstorms
- 40 discharge of electricity within a thunderstorm
- 42 negatively charged
- 44 forecast chart showing future time
- 46 French engineer who calculated veer to the right
- 48 west to east wind flow pattern
- 49 clouds downwind of mountains
- 51 pouch-like cloud structures that are a rare example of clouds in sinking air
- 53 loss of glacial budget
- 55 mistaken for hail
- 56 harbor waves created by an earthquake
- 57 center of hurricane
- 58 most common ice crystal state
- 59 measure of groundwater storage
- 60 forecast method utilizing past events

### Down

- 2 warm water phenomenon usually occurring around Christmas
- 3 trend forecast for immediate future
- 4 tornado over water
- 6 several version of a forecast model
- 7 a bright spot in the sky appearing on either side of the sun, formed by refraction of sunlight through ice crystals high in the earth's atmosphere. Also called a sundog.
- 8 a sudden, violent rainstorm.
- 10 from the Arabic word meaning "season"
- 12 rapid rise in ocean levels due to hurricane
- 15 the diffuse reflection of sunlight reflected from Earth's surface and clouds
- 16 weak molecular attraction, Dutch scientist
- 19 gas to liquid state
- 20 gust front cloud
- 21 Portion of the atmosphere where most of the weather occurs
- 22 Top of the Troposphere
- 23 weather map wind flow depiction
- 27 Laws of motion
- 28 wind erodes by lifting and removing material
- 32 aggregate of ice crystals
- 33 a compound held together by this bond
- 37 the transition of a substance directly from the solid to the gas phase
- 39 desert streams
- 41 a violent and oppressive wind blowing in summer, especially in Sudan, bringing sand from desert
- 43 small, moving disturbance in longwave
- 44 the earthy scent produced when rain falls on dry soil
- 45 tornado develops from this cloud
- 47 landforms made by glacial deposits
- 50 large convection cell
- 52 solid to liquid state
- 54 rain that evaporates