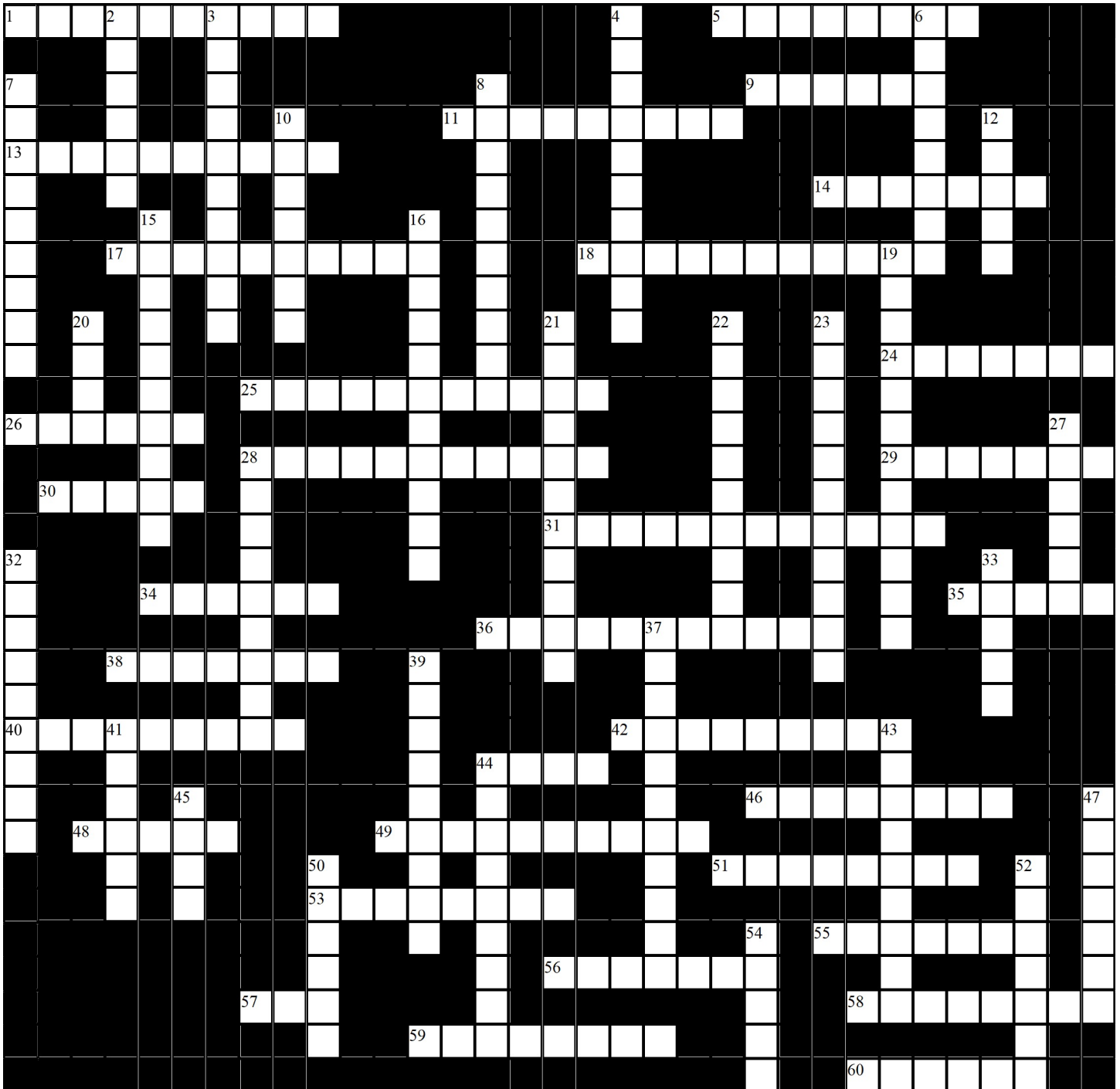


WEATHER PUZZLE

(From LSX Culture Team)

Thanks to those that provided clues!

Answer Key Will Be Provided



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 versions 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

