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
2. Warm water phenomenon usually occurring around Christmas
3. Trend forecast for immediate future
4. Tornado over water
5. Rapidly rotating whirls in a tornado
6. Several versions of a forecast model
9. Sharp-edged ridges, French for knife-edge
10. From the Arabic word meaning "season"
11. Measures pressure
12. Rapid rise in ocean levels due to hurricane
13. Dry region downwind of mountain
14. Lines equal of pressure
15. The diffuse reflection of sunlight reflected from Earth's surface and clouds
17. Ocean current flowing south along west coast
18. Piling up air above a region
21. Portion of the atmosphere where most of the weather occurs
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
31. Ability to transmit a fluid through a material
32. Aggregate of ice crystals
33. A compound held together by this bond
34. Intense shower
35. Sharp, pyramid-like mountain peaks
36. Prediction using current conditions
38. State with most thunderstorms
39. The transition of a substance directly from the solid to the gas phase
40. Discharge of electricity within a thunderstorm
41. A violent and oppressive wind blowing in summer, especially in Sudan, bringing sand from desert
42. Negatively charged
43. Small, moving disturbance in longwave
44. Forecast chart showing future time
46. French engineer who calculated veer to the right
47. Landforms made by glacial deposits
48. West to east wind flow pattern
49. Clouds downwind of mountains
50. Large convection cell
51. Pouch-like cloud structures that are a rare example of clouds in sinking air
52. Solid to liquid state
53. Loss of glacial budget
54. Rain that evaporates

**Down**

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13. Dry region downwind of mountain
14. Lines equal of pressure
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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