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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Atmospheric Pressure and Winds

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|  |  |  |  |  | 1  C | L | O | C | K | W | I | S | E |  |  |  |  |  |  |
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|  | 3  P |  |  |  |  |  |  | 4  W |  | 5  C | O | N | V | E | R | G | E |  |  |
|  | R |  |  | 6  F |  | 7  S |  | A |  |  |  |  |  | R |  |  |  |  |  |
|  | E |  |  | R |  | O |  | R |  |  |  |  |  | C |  |  |  |  |  |
|  | S |  |  | O |  | U |  | M |  |  |  |  |  | U |  |  |  | 8  A |  |
|  | S |  |  | M |  | T |  | E |  | 9  D |  | 10  H |  | R |  | 11  B |  | I |  |
|  | U |  |  |  |  | 12  H | O | R | S | E |  | U |  | Y |  | U |  | R |  |
|  | R |  |  | 13  D |  | W |  |  |  | C |  | M |  | B |  | Y |  | P |  |
|  | E |  |  | R |  | E |  | 14  2 |  | R |  | I |  | A |  | S |  | R |  |
|  | G |  |  | I |  | S |  | 9 |  | E |  | D |  | R |  | B |  | E |  |
|  | R |  | 15  L | E | F | T |  | 9 |  | A |  | 16  I | S | O | B | A | R | S |  |
|  | A |  |  | S |  | E |  |  |  | S |  | T |  | M |  | L |  | S |  |
|  | D |  |  |  |  | R |  |  |  | E |  | Y |  | E |  | L |  | U |  |
|  | I |  | 17  C | Y | C | L | O | N | E | S |  |  |  | T |  | O |  | R |  |
|  | E |  |  |  |  | I |  |  |  |  |  |  |  | E |  | T |  | E |  |
|  | N |  |  |  |  | E |  | 18  H | I | G | H |  |  | R |  | S |  |  |  |
|  | T |  |  |  |  | S |  |  |  |  |  |  |  |  |  | L |  |  |  |
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|  | 19  C | O | R | I | O | L | I | S | E | F | F | E | C | T |  | 20  W | I | N | D |

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| **Across**  **1.** What direction do anticyclones move  **5.** What do air molecules do in low pressure systems  **12.** What latitudes are at 30 degrees north and south of the equator  **15.** Objects deflect \_\_\_\_\_\_\_ in the southern hemisphere  **16.** Identifies pressure, weather, and wind  **17.** Another name for low pressure systems  **18.** Closely spaced isobars show a \_\_\_\_\_ pressure gradient  **19.** Rotation of earth causes objects to be deflected  **20.** The horizontal movement of air | **Down**  **2.** What device works like a straw does  **3.** rate of change of pressure  **4.** s water warmer or colder than land in the early morning  **6.** Winds are named by the direction they come \_\_\_\_\_  **7.** Name of region between 30 and 60 degrees north of equator  **8.** Weight of atmosphere  **9.** Density \_\_\_\_\_\_ when altitude increases  **10.** Altitude, temperature, and \_\_\_\_\_\_\_ control atmospheric pressure  **11.** States that if you turn your back to the wind and point to the left, that's the lower pressure  **13.** What happens to Australia during el niño  **14.** average sea-level air pressure (inches) |