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

Phases

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| O | S | M | K | R | E | D | I | T | P | A | E | N | M | A | N | S | D | X | N | U | H | U | J |
| Z | Y | X | S | Z | I | F | V | U | Y | F | L | B | B | U | X | X | X | F | G | M | V | X | B |
| E | J | S | Z | A | Y | H | W | Z | Z | W | A | N | I | N | G | G | I | B | B | O | U | S | E |
| S | S | F | M | E | T | P | H | O | D | D | K | E | X | R | W | I | F | W | N | I | O | Q | W |
| B | P | U | S | P | C | H | G | C | W | E | Z | P | C | E | J | X | W | S | E | R | E | L | G |
| V | C | B | O | B | V | L | P | Y | J | V | G | N | O | T | E | J | E | G | W | F | V | U | R |
| X | Z | L | L | B | Q | G | I | R | A | H | C | Z | C | R | R | K | Y | P | M | P | B | N | N |
| J | T | T | A | Y | B | I | T | P | X | E | K | Z | P | A | T | D | D | W | O | M | Y | A | Q |
| E | T | Q | R | H | H | I | A | N | S | Y | D | L | I | U | O | G | L | V | O | O | T | R | K |
| R | Z | D | E | L | S | E | G | H | H | E | O | P | S | Q | K | F | D | V | N | K | N | E | D |
| W | R | V | C | M | A | U | I | G | W | T | W | H | Z | D | X | X | N | V | F | P | E | C | J |
| A | Z | M | L | I | A | J | D | X | N | N | D | S | D | R | Z | I | D | U | E | J | C | L | Q |
| X | P | D | I | S | Q | D | J | P | X | I | B | Q | I | I | S | W | L | N | V | Y | S | I | U |
| I | H | V | P | F | X | F | P | K | I | Z | X | R | X | H | X | L | U | M | Y | I | E | P | T |
| N | S | G | S | J | T | C | H | M | R | Z | R | A | V | T | M | M | M | J | I | K | R | S | V |
| G | Q | P | E | W | I | P | A | K | N | W | E | H | W | O | B | X | Z | N | Z | I | C | E | E |
| C | A | O | I | C | D | O | S | A | R | B | M | U | O | R | S | J | N | C | S | H | G | Z | O |
| R | Y | T | P | Z | E | P | E | U | Z | S | Y | N | A | Y | I | Z | O | Q | M | I | N | T | I |
| E | F | M | P | H | P | F | S | Y | G | R | V | Y | M | I | Z | X | P | L | E | G | I | Q | O |
| S | W | W | O | X | W | B | X | V | N | E | G | R | E | G | S | R | M | Q | Y | H | N | H | B |
| C | Q | X | X | E | X | L | E | D | I | T | W | O | L | A | G | Q | C | G | R | T | A | T | N |
| E | E | F | O | Q | R | E | T | R | A | U | Q | T | S | R | I | F | C | X | W | I | W | H | K |
| N | S | F | S | V | R | W | U | P | L | D | S | M | Z | H | T | I | V | Q | P | D | P | J | Y |
| T | P | M | I | D | I | T | S | P | R | I | N | G | T | I | D | E | E | Q | H | E | L | Y | I |

   PHASES       PENUMBRA       NEAP TIDE       NEW MOON       WAXING GIBBOUS       ECLIPSE       LUNAR ECLIPSE       MRS.GERGEN       FIRST QUARTER       WANING GIBBOUS       SOLAR ECLIPSE       TIDE       HIGH TIDE       WAXING CRESCENT       THIRD QUARTER       UMBRA       SPRING TIDE       LOW TIDE       WANING CRESCENT       FULL MOON