

# 2018



California and Oregon

Total Solar Eclipse  
(8/21/2017, Madras, OR)

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# Ant

I was photographing a tiny pink flower in my yard (slightly larger than a pencil eraser) when the flower started shaking noticeably, even though there was no wind. Soon the explanation for the shaking appeared.

(3/25/2017, Shingle Springs, CA)

<div style="display: flex; justify-content: space-between;"> <div style="font-size: small;">           FEBRUARY            S M T W T F S              1 2 3            4 5 6 7 8 9 10            11 12 13 14 15 16 17            18 19 20 21 22 23 24            25 26 27 28         </div> <div style="text-align: center; font-size: 2em; font-weight: bold;">           March 2018         </div> <div style="font-size: small;">           APRIL            S M T W T F S              1 2 3 4 5 6 7            8 9 10 11 12 13 14            15 16 17 18 19 20 21            22 23 24 25 26 27 28            29 30         </div> </div>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
Daylight Saving Begins						St. Patrick's Day
11	12	13	14	15	16	17
18	19	Spring (9:16 AM PDT)	21	22	23	24
25	26	27	28	29	30	31



# Field of Flowers

Bear Valley, near the northern part of California's Central Valley, can get a wide variety of flowers in the spring.  
 (4/9/2017, Bear Valley Rd., Colusa County, CA)

<b>April 2018</b>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<small>MARCH S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</small> April Fool's Day Easter Sunday <div style="text-align: right;"><b>1</b></div>	<div style="text-align: right;"><b>2</b></div>	<div style="text-align: right;"><b>3</b></div>	<div style="text-align: right;"><b>4</b></div>	<div style="text-align: right;"><b>5</b></div>	<div style="text-align: right;"><b>6</b></div>	<div style="text-align: right;"><b>7</b></div>
<div style="text-align: right;"><b>8</b></div>	<div style="text-align: right;"><b>9</b></div>	<div style="text-align: right;"><b>10</b></div>	<div style="text-align: right;"><b>11</b></div>	<div style="text-align: right;"><b>12</b></div>	<div style="text-align: right;"><b>13</b></div>	<div style="text-align: right;"><b>14</b></div>
Tax Day <div style="text-align: right;"><b>15</b></div>	<div style="text-align: right;"><b>16</b></div>	<div style="text-align: right;"><b>17</b></div>	<div style="text-align: right;"><b>18</b></div>	<div style="text-align: right;"><b>19</b></div>	<div style="text-align: right;"><b>20</b></div>	<div style="text-align: right;"><b>21</b></div>
<div style="text-align: right;"><b>22</b></div>	<div style="text-align: right;"><b>23</b></div>	<div style="text-align: right;"><b>24</b></div>	<div style="text-align: right;"><b>25</b></div>	<div style="text-align: right;"><b>26</b></div>	<div style="text-align: right;"><b>27</b></div>	<div style="text-align: right;"><b>28</b></div>
<div style="text-align: right;"><b>29</b></div>	<div style="text-align: right;"><b>30</b></div>					



# Dragonfly

This is one of the two dominant species of dragonflies found near our local lake. The other has vivid green eyes, but is smaller and lacks the flashy white on the wings of this variety.

(7/1/2017, Shingle Springs, CA)

<div style="display: flex; justify-content: space-between;"> <div style="font-size: small;">           APRIL            S M T W T F S            1 2 3 4 5 6 7            8 9 10 11 12 13 14            15 16 17 18 19 20 21            22 23 24 25 26 27 28            29 30         </div> <div style="font-size: 2em; font-weight: bold; text-align: center;">           May 2018         </div> <div style="font-size: small;">           JUNE            S M T W T F S            1 2            3 4 5 6 7 8 9            10 11 12 13 14 15 16            17 18 19 20 21 22 23            24 25 26 27 28 29 30         </div> </div>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	National Day of Prayer		Cinco De Mayo
6	7	8	9	10	11	12
Mother's Day		15	16	17	18	19
20	21	22	23	24	25	26
27	Memorial Day	29	30	31		







# Swallowtail Butterfly

Although dominantly yellow from a distance, up close a Swallowtail has other vivid colors in its tail.  
 (7/17/2017, Shingle Springs, CA)

<div style="display: flex; justify-content: space-between;"> <div style="font-size: small;">                     JUNE                      S M T W T F S                      1 2                      3 4 5 6 7 8 9                      10 11 12 13 14 15 16                      17 18 19 20 21 22 23                      24 25 26 27 28 29 30                 </div> <div style="font-size: 2em; font-weight: bold; text-align: center;">                     July 2018                 </div> <div style="font-size: small;">                     AUGUST                      S M T W T F S                      1 2 3 4                      5 6 7 8 9 10 11                      12 13 14 15 16 17 18                      19 20 21 22 23 24 25                      26 27 28 29 30 31                 </div> </div>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	Independence Day	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



# Total Solar Eclipse

On August 21, 2017, the US experienced its first total solar eclipse since 1979. Due to its statistics for clear skies, Madras Oregon was chosen by many (including NASA) as their viewing point, swelling a small town with a population of a bit over 6,000 to well over 100,000 for the eclipse. Those who came were treated to 2 minutes and 2 seconds of views like this.

(8/21/2017, Madras, OR)

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: small;"> <p>JULY</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30 31</p> </div> <div style="font-size: 2em; font-weight: bold; text-align: center;">             August 2018           </div> <div style="font-size: small;"> <p>SEPTEMBER</p> <p>S M T W T F S</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30</p> </div> </div>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	



# Mockingbird

Not everyone knows what a Mockingbird looks like, but most everyone has heard them. They sing songs that not only mimic the sounds of other birds, but also of insects and amphibians.

(10/3/2017, Woodbridge Ecological Reserve, Lodi, CA)

<div style="display: flex; justify-content: space-between;"> <div style="font-size: small;"> <p>AUGUST</p> <p>S M T W T F S</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30 31</p> </div> <div style="text-align: center; font-size: 2em; font-weight: bold;">September 2018</div> <div style="font-size: small;"> <p>OCTOBER</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31</p> </div> </div>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	Labor Day					
	3	4	5	6	7	8
		Patriot Day				
9	10	11	12	13	14	15
						Fall (6:55 PM PDT)
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						



# Fall Mushroom

Early rains followed by extended warm weather produced the perfect conditions for mushrooms in fall 2017.  
 (11/25/2017, Shingle Springs, CA)

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: small;">                     SEPTEMBER                      S M T W T F S                      1                      2 3 4 5 6 7 8                      9 10 11 12 13 14 15                      16 17 18 19 20 21 22                      23 24 25 26 27 28 29                      30                 </div> <div style="font-size: 2em; font-weight: bold; text-align: center;">                     October 2018                 </div> <div style="font-size: small;">                     NOVEMBER                      S M T W T F S                      1 2 3                      4 5 6 7 8 9 10                      11 12 13 14 15 16 17                      18 19 20 21 22 23 24                      25 26 27 28 29 30                 </div> </div>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	Columbus Day					
	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29		Halloween			
	30	31				











## Baily's Beads

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The white spots at the upper-right of the sun are known as Baily's Beads. These appeared just as the sun was coming out of totality during the eclipse.  
(8/21/2017, Madras, OR)