



Smoke plumes from wide-spread fires across Idaho, Utah and Montana are featured in this image photographed by an Expedition 15 crewmember on the International Space Station on August 13, 2007. Credit: NASA

Moon phases are Universal Time (UT)



November 2016

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 6 NOAA-3 launched, 1973 Daylight Saving Time ends | 7 ☾ | 8 Election Day | 9 | 10 | 11 Veterans Day | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 14 ☀ | 15 NOAA-4 launched, 1974 | 16 | 17 | 18 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 ☾ | 21 | 22 | 23 | 24 Thanksgiving Day | 25 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 28 | 29 ☉ | 30 Atlantic hurricane season ends | | <table border="1"> <thead> <tr> <th colspan="7">OCTOBER</th> <th colspan="7">DECEMBER</th> </tr> <tr> <th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th> <th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th> </tr> </thead> <tbody> <tr> <td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td> <td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td> </tr> <tr> <td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td> <td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td> </tr> <tr> <td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td> <td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td> </tr> <tr> <td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td> <td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td> </tr> <tr> <td>30</td><td>31</td><td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> | OCTOBER | | | | | | | DECEMBER | | | | | | | S | M | T | W | T | F | S | S | M | T | W | T | F | S | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 30 | 31 | | | | | | | | | | | | | |
| OCTOBER | | | | | | | DECEMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Watching out for wildfires

Smoke from wildfires, volcanic ash, and dust clouds all have tremendous environmental impacts on everyday life. A series of wildfires in Ventura County, California (northwest of Los Angeles) burned over 6,500 acres in May 2013 according to the U.S. Forest Service. The Suomi NPP VIIRS instrument collects high-resolution visible and infrared imagery, generating critical environmental observations of fire, smoke plumes and aerosols.

A stream of smoke is clearly visible in this Suomi NPP VIIRS image, moving west over the ocean, as are the heat signatures from the active fires areas.



Credit: NOAA Environmental Visualization Laboratory