




# August 2008 Sky Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<p><b>PLANETS AT DUSK</b>  <b>Jupiter:</b> Brilliant at mag. -2.6 in SSE at dusk.  <b>Venus:</b> Visible in bright twilight at mag. -3.8, sets in WNW around 9 pm, 8:30 pm by month end.  <b>Mars:</b> At mag. +1.7 Mars is faintest of four planets in twilight glow. Sets by end of twilight.</p>	<p><b>Saturn:</b> At mag. +0.8 gets lost in twilight by mid month.  <b>Mercury:</b> At mag. -1 to 0 in August, easily found in binocs. in bright twilight after first week. Easily visible near Venus rest of month.  <b>Mars:</b> At mag. +1.7 Mars is faintest of four planets in twilight glow. Sets by end of twilight.</p>	<p><b>Try for all five bright planets,</b> Saturn-Mercury-Venus-Mars-Jupiter, visible simultaneously at mid-month. Aug. 14 &amp; 15 are best; Saturn may be difficult to find in bright twilight on Aug. 16.</p>	<p><b>Perseid Meteor Shower:</b> Look for peak of Perseid meteors before dawn on August 12.</p>	<p><b>1</b></p> <p style="text-align: center;">New Moon 3:30 a.m. PDT</p> 	<p><b>2</b></p> <p style="text-align: center;"><b>SAS Picnic &amp; Hi-Alt Star Party Peddler Hill</b></p> <p style="text-align: center;"><i>20-30 min. after sunset:</i> Young Moon very low N of W, ~7° left of Venus. Saturn to Moon's UL, Mars 12° UL of Saturn.</p>
<p><b>3</b></p> <p><i>30 min after sunset:</i> Venus ~19° LR of Moon; Saturn ~9° to Moon's right; Mars ~6° to Moon's UL.</p>	<p><b>4</b></p> <p><i>PM:</i> Mars ~10° to Moon's right, Saturn 13° LR of Mars.</p>	<p><b>5</b></p> <p><i>30 min after sunset:</i> Venus passes 1° N (UR) of Regulus.</p>	<p><b>6</b></p> <p><i>PM:</i> Moon near Spica.</p>	<p><b>7</b></p>	<p><b>8</b></p> <p style="text-align: center;">First Quarter 1:20 p.m. PDT</p>  <p style="text-align: center;"><b>Sky Tours at Delta College 8:30 – 10:30 p.m.</b>  <i>PM:</i> Venus 5° LR of Saturn and closing.</p>	<p><b>9</b></p> <p><i>PM:</i> Moon near head of Scorpion, W of Antares.</p>
<p><b>10</b></p> <p><i>25 min. after sunset:</i> Mercury 5° LR of Venus and closing. Use binocs. Saturn 3° UL of Venus.</p>	<p><b>11</b></p> <p><i>30 min. after sunset:</i> Mercury 4.3° LR, Saturn 1.8° UL of Venus. S' most Moon transits 1¼ hours after sunset. Passes Jupiter next two nights.</p>	<p><b>12</b></p> <p><i>Predawn:</i> Perseid meteors near peak.  <i>30 min. after sunset:</i> Mercury 3.8° LR, Saturn 0.7° UL of Venus. Trio &lt; 5° across till August 17.</p>	<p><b>13</b></p> <p><i>Early PM:</i> Saturn 0.5° right, Mercury 3.2° LR of Venus.</p>	<p><b>14</b></p> <p style="text-align: center;"><b>SAS Meeting 7:30 pm at UOP (Olson 120)</b></p> <p><i>Early PM:</i> Saturn 1.5°, Mercury 2.7° LR of Venus. Look for all five bright planets in midtwilight through Aug 16, spanning 124°.</p>	<p><b>15</b></p> <p><i>Early PM:</i> Most compact trio, Mercury ¾° LL of Saturn; Saturn 2.6° LR of Venus. Four planets Sa-Me-Ve-Ma span 18.4°</p>	<p><b>16</b></p> <p style="text-align: center;">Full Moon 2:16 p.m. PDT</p>  <p><i>Early PM:</i> Mercury 1.9°, Saturn 3.7° LR of Venus. (Saturn sets at 8:42 pm. Can you still see it?) Mars 15° UL of Venus.</p>
<p><b>17</b></p> <p><i>PM:</i> Mars 15° UL of Venus. Venus – Jupiter 120° apart and closing.</p>	<p><b>18</b></p> <p><i>Early PM:</i> Mercury 1.2° LR of Venus. Moon rises due east in midtwilight.</p>	<p><b>19</b></p> <p><i>Early PM:</i> Mercury 1.0° below Venus.</p>	<p><b>20</b></p> <p><i>Early PM:</i> Mercury passes 0.9° LL of Venus.</p>	<p><b>21</b></p> <p><i>Early PM:</i> Mercury 1.0° LL of Venus.</p>	<p><b>22</b></p> <p><i>Early PM:</i> Mercury 1.2° LL of Venus.</p>	<p><b>23</b></p> <p style="text-align: center;">Last Quarter 4:50 p.m. PDT</p>  <p><i>Early PM:</i> Mercury 1.5° LL of Venus.</p>
<p><b>24</b></p> <p><i>AM:</i> Moon E of Pleiades</p> <p><b>31</b></p> <p><i>Early PM:</i> Mercury 3.1° LL of Venus.</p>	<p><b>25</b></p> <p><i>Early PM:</i> Mercury 1.9° LL of Venus. Mars 10° UL of Venus.</p>	<p><b>26</b></p> <p><i>Early PM:</i> Mercury 2.2° LL of Venus</p>	<p><b>27</b></p> <p><i>AM:</i> Moon near Pollux &amp; Castor.  <i>Early PM:</i> Mercury 2.4° LL of Venus.</p>	<p><b>28</b></p> <p><i>AM:</i> Moon approaching Beehive, 13° below Pollux.  <i>Early PM:</i> Mercury 2.6° LL of Venus. Mars 8° UL of Venus.</p>	<p><b>29</b></p> <p><i>AM:</i> Old Moon low in ENE.  <i>Early PM:</i> Mercury 2.8° LL of Venus.</p>	<p><b>30</b></p> <p style="text-align: center;">New Moon 12:58 p.m. PDT</p>  <p style="text-align: center;"><b>SAS Hi-altitude or Hwy 4 Star Party</b></p> <p><i>Early PM:</i> Mercury 2.9° LL of Venus. Mars 7° UL of Venus.</p>