





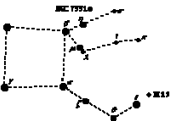








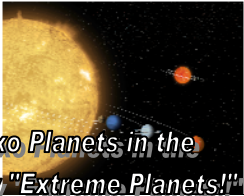

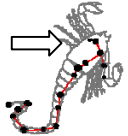






September 2009 USM Southworth Planetarium 207-780-4249

www.usm.maine.edu/planet

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<p>CALENDAR COLOR CODE Planetarium shows/events: red Orange: Definitions Astron. events: purple Astronomical facts: blue</p>	 <p>Andromeda Galaxy 2.2 million light years away</p>	<p>1</p>  <p>Venus 1° S of the Beehive Star Cluster</p>	<p>2</p>  <p>Jupiter 3° S of the Moon</p>	<p>3</p>  <p>MERCURY WATCH: Visible low in the pre-dawn eastern sky by late month</p>	<p>4</p> <p>7:00 Extreme Planets 8:30 Eight Planets</p>  <p>Full Moon</p>	<p>5</p> <p>LABOR DAY WEEKEND Planetarium Closed</p>
<p>6 CLOSED LABOR DAY WEEKEND Mercury stationary</p>	<p>7</p> <p>M92: The "other" Globular Cluster in Hercules. More than 26,000 light years away.</p>	<p>8</p>  <p>M92</p>	<p>9</p> <p>GREATER PORTLAND ASTRONOMICAL SOCIETY MEETING 7:00 p.m. Free and open to the public</p>	<p>10</p>  <p>Pegasus the Flying Horse: Eastern evening sky</p>	<p>11</p> <p>7:00 Extreme Planets 8:30 Black Holes</p>  <p>Last Quarter</p> <p>Rusty has been revamped! See the planets all over again.</p>	<p>12</p> <p>3:00 Rusty Rocket</p> 
<p>13</p> <p>3:00 Dinosaurs</p>  <p>Mars 1.1° S of Moon</p>	<p>14</p>  <p>VENUS WATCH: Bright planet low in the early morning eastern sky.</p>	<p>15</p>  <p>MARS WATCH: Eastern morning sky. Dimmer than Venus</p>	<p>16</p>  <p>Venus 3° N of the Moon</p>	<p>17</p>  <p>JUPITER WATCH: Eastern evening sky. Sets after midnight</p>	<p>18</p> <p>7:00 Extreme Planets 8:30 Two Pieces of Glass New Moon</p>	<p>19</p> <p>3:00 Dinosaurs</p>  <p>See the re-vamped "Dinosaurs!"</p>
<p>20</p> <p>3:00 Black Holes</p> <p>Venus 0.5° S of Regulus</p> <p>See <i>Exo Planets in the new show "Extreme Planets!"</i></p>	<p>21</p>  <p>See <i>Exo Planets in the new show "Extreme Planets!"</i></p>	<p>22</p> <p>Star Dome Astronomy begins (Details on back)</p> <p>Autumnal Equinox 5:19 p.m. EDT</p>	<p>23</p>  <p>On this day in 1846, French astronomer Urbain Le Verrier discovered Neptune.</p>	<p>24</p>  <p>Antares 0.8° S of the Moon</p>	<p>25</p> <p>7:00 Extreme Planets 8:30 Ring World</p>  <p>First Quarter</p>	<p>26</p> <p>3:00 Extreme Planets</p>  <p>See the New show "Extreme Planets!"</p>
<p>27</p> <p>FREE SUNDAY! 1:00 Eight Planets and Counting 3:00 Rusty Rocket (see back for details)</p>	<p>28</p> <p>The Planetarium offers two free shows on the last Sunday of the month. Call 207-780-4249 to</p>	<p>29</p>  <p>Jupiter 3° S of the Moon</p>	<p>30</p>  <p>SATURN WATCH: Difficult western early evening sky object.</p>	<p>EVENTS FOR LATER THIS YEAR!</p> <p>→</p>	<p>The 8th Annual Halloween Party is scheduled for Friday, October 30th 6:00 - 8:30 p.m.</p>	<p>The next Carolyn Currie concert will be held on Saturday, December 12 at 7:00 p.m.</p>