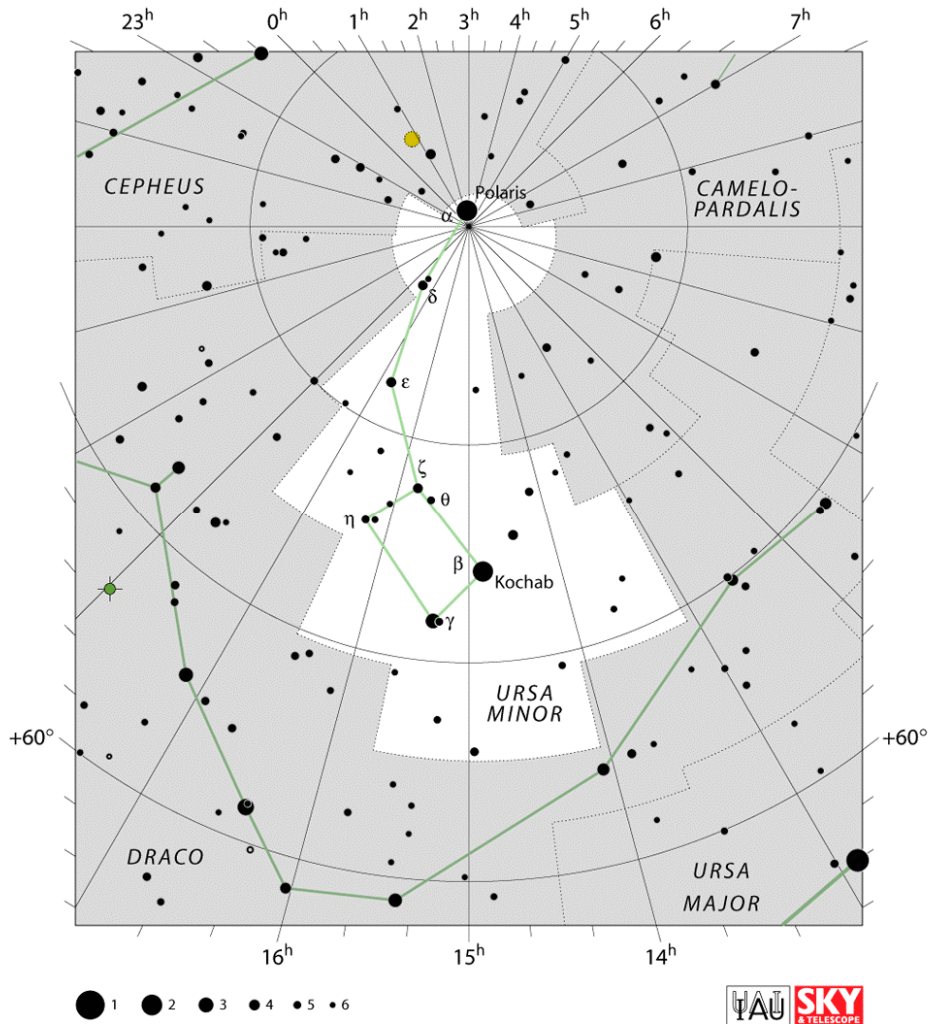


# Constellation of the Month - Ursa Minor

Your challenge is to observe, and record what you see ready for including in the Sky Notes presentation next month.

The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



## Rugby & District Astronomical Society

[www.rugbyastro.org.uk](http://www.rugbyastro.org.uk)

Honorary President:	Dr Johanna Jarvis	Chair:	Julian Leckie
Treasurer:	Sarah Meek	Membership Secretary:	Barrie Chessell
Webmaster:	David Riley	Secretary:	David Partridge
Speakers Secretary:	Chris Longthorn	Sky Notes:	Chris Longthorn

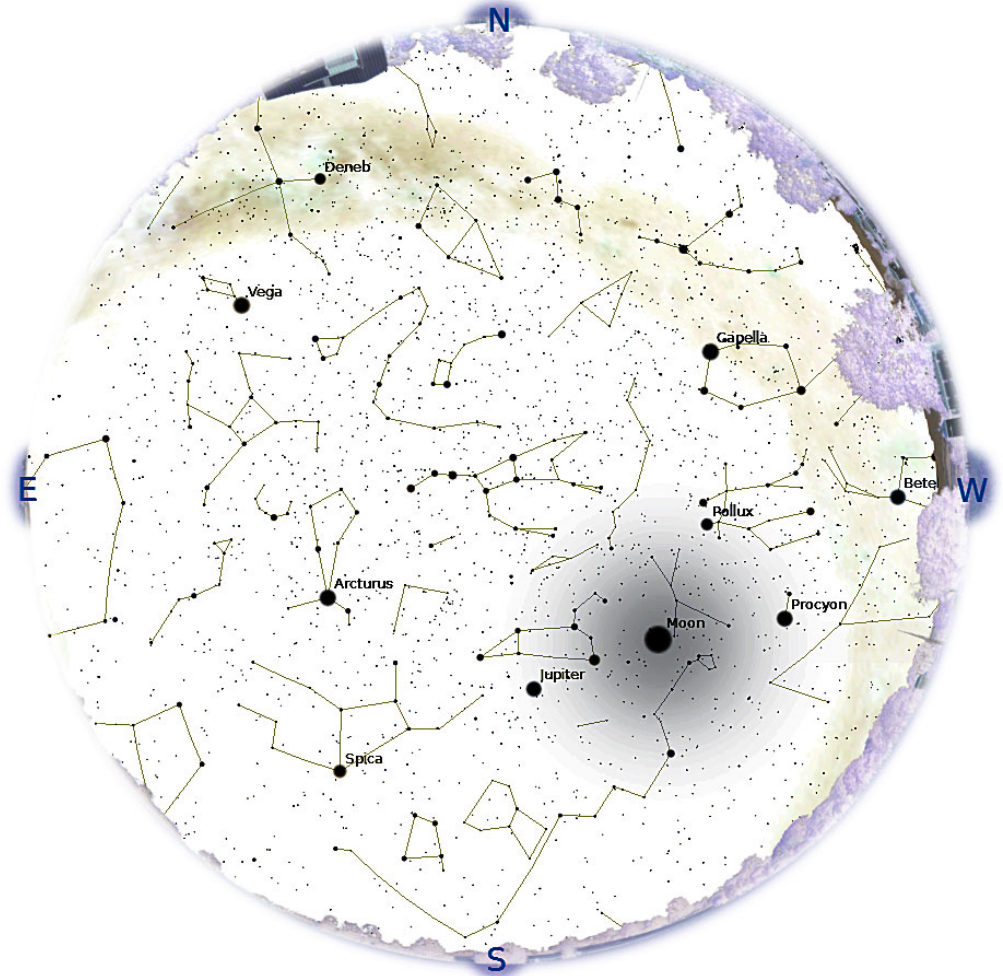
Email [rugby-Astro@hotmail.co.uk](mailto:rugby-Astro@hotmail.co.uk)

Phone 07739-716383  
© R&DAS 2015

# Rugby & District Astronomical Society Sky Notes





by Chris Longthorn

Apr 2016, no 81



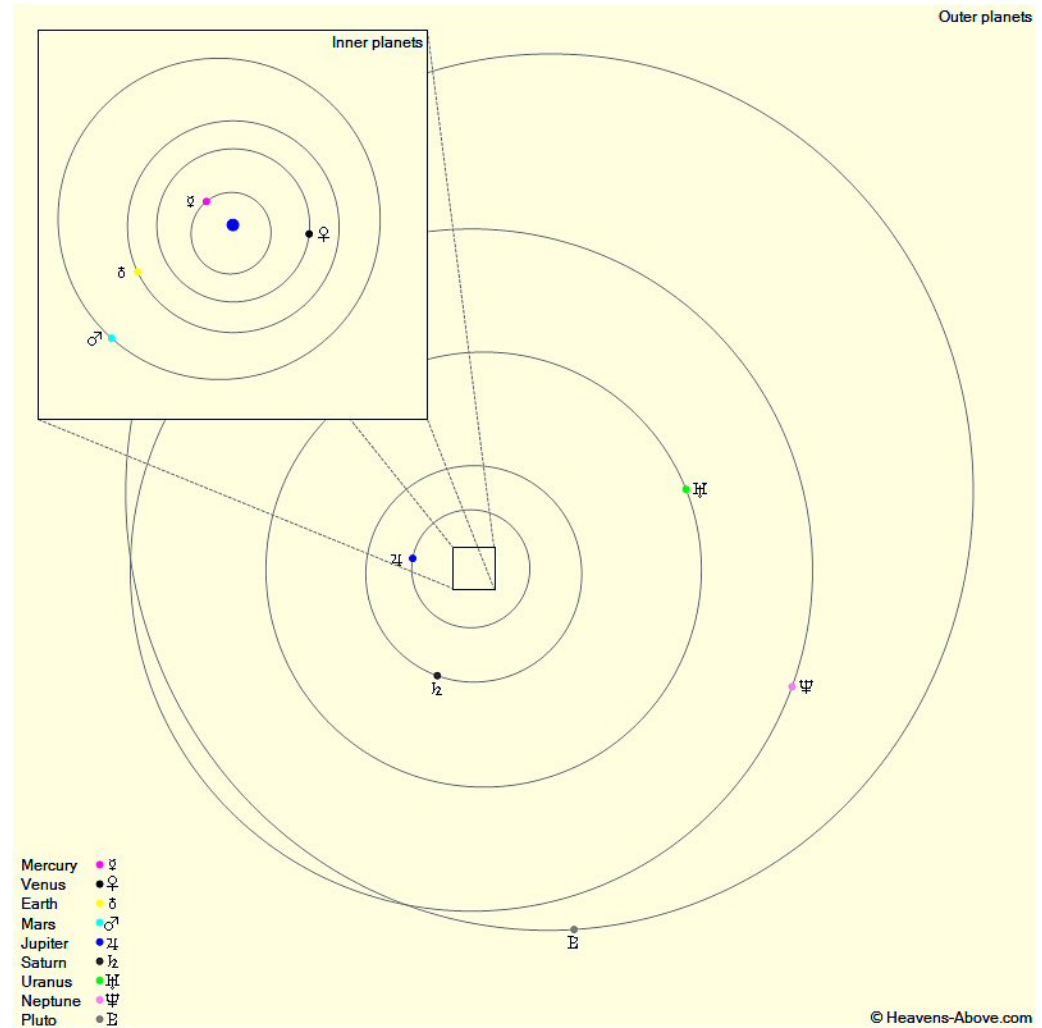
The night sky at 23:00 U.T.C., April 15th 2016

# 2016 April

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					<b>1</b> Venus 17.4° W  R&DAS Ob- serving, Barby	<b>2</b>
<b>3</b>	<b>4</b>	<b>5</b> Moon D Node 18:27	<b>6</b> Moon-Venus 09:30	 <b>7</b> New Moon 12:24 Moon Perigee 18:36	<b>8</b>	<b>9</b> Uranus Sun 22:28  R&DAS/ CAWAS Ob- serving, Princethorpe
<b>10</b> Moon-Aldeb 23:05	<b>11</b>	<b>12</b> Moon N Dec 13:12	<b>13</b>	 <b>14</b> First Quarter 04:59	<b>15</b> <b>Iridium 8</b> 21:19, -4.2, 24°, 353° (N)	<b>16</b> <b>Iridium 61</b> 21:13, -3.0, 26°, 352° (N)
<b>17</b> Moon-Regulus 01:46  R&DAS meet- ing 7:30 Church Law- ford  <b>Iridium 35</b> 21:06, -6.7, 27°, 351° (N)	<b>18</b> Moon-Jupiter 05:42 Mercury East 14:59 Moon A Node 19:04  <b>Iridium 52</b> 23:45, -7.0, 24°, 249° (N)	<b>19</b>	<b>20</b> <b>Iridium 19</b> 20:48, -6.9, 32°, 350° (N)	<b>21</b> Moon Apogee 17:05  <b>Iridium 56</b> 23:36, -6.8, 32°, 255° (WSW)	 <b>22</b> Full Moon 06:24 Lyrids 06:30  <b>Iridium 84</b> 23:31, -5.9, 22°, 258° (WSW)	<b>23</b>
<b>24</b> ISS, -3.0, 19:26, 64°, NW  <b>Iridium 50</b> 23:27, -6.6, 21°, 262° (W)	<b>25</b> Moon-Saturn 20:28  ISS, -2.4, 13:33, 31°, NE	<b>26</b>	<b>27</b> Moon S Dec 05:44 Mars-Antares 17:33  ISS, -2.7, 18:23, 58°, SW  <b>Iridium 86</b> 23:19, -6.3, 18°, 270° (W)	<b>28</b> Mercury-M45 09:32	<b>29</b> <b>Iridium 54</b> 23:17, -6.2, 17°, 275° (W)	 <b>30</b> Last Quarter 04:29

Sky Events Calendar by Fred Espenak and Sumit Dutta (NASA's GSFC)  
ISS, Iridium Data and Solar System Map courtesy of Heavens-Above (www.heavens-above.com)

## The Planets, mid month.



**Mercury** is in Aries with a magnitude of -0.2, a phase of 48%, and a diameter of 7". It rises at 05:29, transits at 13:17, and sets at 21:08. It is visible low in the west after sunset.

**Venus** is in Pisces with a magnitude of -3.9, a phase of 97%, and a diameter of 10". It rises at 04:55, transits at 11:16, and sets at 17:38. It is visible low in the east before sunrise.

**Mars** is in Ophiuchus with a magnitude of -1.0, a phase of 95%, and a diameter of 14". It transits at 02:59, sets at 07:02, and rises again at 22:53. It is well placed for observation throughout the night.

**Jupiter** is in Leo with a magnitude of -2.4 and a diameter of 42". It sets at 04:17, rises again at 14:49, and transits at 21:31. It is well placed for observation throughout the night.

**Saturn** is in Ophiuchus with a magnitude of +0.3 and a diameter of 18". It transits at 03:30, sets at 07:35, and rises again at 23:21. It is visible in the morning sky.

**Uranus** is in Pisces with a magnitude of +5.9 and a diameter of 3". It rises at 05:04, transits at 11:47, and sets at 18:29. It is currently too close to the Sun to be observed.

**Neptune** is in Aquarius with a magnitude of +7.9 and a diameter of 2". It rises at 04:01, transits at 09:21, and sets at 14:41. It is visible in the morning sky.