

*Richland Astronomical Society – 2011 Calendar*

January 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						<b>1</b> New Year's Day <i>No Public Night</i>
<b>2</b>	<b>3</b> <i>Quadrantids Meteor Shower</i>	<b>4</b> <b>NEW MOON</b> 04:03 EST  <i>Quadrantids Meteor Shower</i>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b> <i>RAS Meeting – Bob Evans 6:00pm</i>
<b>9</b> Authorized Observing Period Ends	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b> <b>FULL MOON</b> 16:21 EST	<b>20</b>	<b>21</b>	<b>22</b>
<b>23</b> Quarterly RAS Board Meeting – Bob Evans 2:00pm	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b> Authorized Observing Period Begins	<b>29</b>
<b>30</b>	<b>31</b>	<b>Notes: RAS Meeting Saturday Night will be at Bob Evans SR13 and I71 at 6:00pm. If clear and road conditions permit, observing at the observatory after meeting.</b>				

*Richland Astronomical Society – 2011 Calendar*

February 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 NEW MOON 21:31 EST	3	4	5 <i>RAS Meeting – Bob Evans 6:00pm</i>  <i>No Public Night</i>
6	7 Authorized Observing Period Ends	8	9	10	11	12
13	14	15	16	17	18 FULL MOON 03:36 EST	19
20	21	22	23	24	25	26
27 Authorized Observing Period Begins	28	Notes: RAS Meeting Saturday Night will be at Bob Evans SR13 and I71 at 6:00pm. If clear and road conditions permit, observing at the observatory after meeting.				

*Richland Astronomical Society – 2011 Calendar*

March 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4 NEW MOON 15:46 EST	5 <i>Public Night at the Observatory</i>  <i>RAS Meeting at the Observatory at 6:00pm</i>  <i>Messier Marathon</i>
6	7	8	9 Authorized Observing Period Ends	10	11	12
13 <i>DST Begins</i>	14	15	16	17	18	19 FULL MOON 13:10 EST
20 First Day of Spring	21	22	23	24	25	26
27	28	29 Authorized Observing Period Begins	30	31	Notes: If skies are clear, a Messier Marathon will be held at the observatory. First Public Night of 2011.	

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April 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					<b>1</b>	<b>2</b> <i>Public Night at the Observatory</i>  <i>RAS Meeting at the Observatory at 7:00pm</i>  <i>Messier Marathon</i>
<b>3</b> <b>NEW MOON</b> <b>09:32 EST</b>  Easter Sunday  <i>Saturn at Opposition</i>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b> Authorized Observing Period Ends	<b>9</b>
<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>
<b>17</b> <b>FULL MOON</b> <b>21:44 EST</b>  RAS Quarterly Board Meeting – Bob Evans 2:00pm	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b> <i>Lyrids Meteor Shower</i>	<b>22</b> <i>Lyrids Meteor Shower</i>	<b>23</b>
<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b> Authorized Observing Period Begins	<b>29</b>	<b>30</b>

**Note: RAS Meeting and Public Night on Saturday.**

*Richland Astronomical Society – 2011 Calendar*

May 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>1</b>	<b>2</b>	<b>3</b> NEW MOON 01:51 EST	<b>4</b>	<b>5</b> <i>Eta Aquarids Meteor Shower</i>	<b>6</b> <i>Eta Aquarids Meteor Shower</i>	<b>7</b> <i>Public Night at the Observatory</i>
<b>8</b> Authorized Observing Period Ends	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>
<b>15</b>	<b>16</b>	<b>17</b> FULL MOON 06:09 EST	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>
<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b> Cherry Springs Star Party	<b>27</b> Authorized Observing Period Begins  Cherry Springs Star Party	<b>28</b> <i>RAS Meeting at the Observatory at 7:00pm</i>  Cherry Springs Star Party
<b>29</b>	<b>30</b>	<b>31</b> Memorial Day	<b>Notes: RAS Meeting at the observatory at 7:00pm.</b>			

*Richland Astronomical Society – 2011 Calendar*

June 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			<b>1</b> NEW MOON 16:03 EST	<b>2</b>	<b>3</b> RAS Members Only HH Convention	<b>4</b> <i>Public Night at the Observatory</i>  <i>RAS Meeting at the Observatory at 8:00pm</i>  RAS Members Only HH Convention and Cook Out - 5:00pm
<b>5</b> RAS Members Only HH Convention	<b>6</b> Authorized Observing Period Ends	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b> FULL MOON 15:31 EST	<b>16</b>	<b>17</b>	<b>18</b>
<b>19</b>	<b>20</b>	<b>21</b> First Day of Summer	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>
<b>26</b> Authorized Observing Period Begins	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>Notes: RAS Meeting Saturday at 8:00pm. RAS Members only Cook out at 5:00pm. Cabins available Friday and Saturday Night for RAS only camping and convention.</b>	

*Richland Astronomical Society – 2011 Calendar*

July 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					<b>1</b> NEW MOON 03:54 EST	<b>2</b>
<b>3</b>	<b>4</b> Independence Day	<b>5</b>	<b>6</b> Authorized Observing Period Ends	<b>7</b>	<b>8</b>	<b>9</b> <i>Public Night at the Observatory</i>  <i>RAS Meeting at the Observatory at 8:00pm</i>
<b>10</b>	<b>11</b>	<b>12</b> <i>HH Starry Nights 10:00pm</i>	<b>13</b>	<b>14</b>	<b>15</b> FULL MOON 01:40 EST	<b>16</b>
<b>17</b> RAS Quarterly Board Meeting – Bob Evans 2:00pm	<b>18</b>	<b>19</b> <i>HH Starry Nights 10:00pm</i>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>
<b>24</b>	<b>25</b> Authorized Observing Period Begins	<b>26</b> <i>HH Starry Nights 10:00pm</i>	<b>27</b>	<b>28</b> <i>Aquarids Meteor Shower</i>	<b>29</b> <i>Aquarids Meteor Shower</i>	<b>30</b> NEW MOON 13:40 EST
<b>31</b>	<b>Notes: RAS Meeting Saturday Night at 8:00pm. Due to Holiday weekend, Public Night moved to the 9<sup>th</sup>.</b>					

*Richland Astronomical Society – 2011 Calendar*

August 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	<b>1</b>	<b>2</b> <i>HH Starry Nights</i> 10:00pm	<b>3</b>	<b>4</b> Authorized Observing Period Ends	<b>5</b>	<b>6</b> <i>Public Night at the Observatory</i>
<b>7</b>	<b>8</b>	<b>9</b> <i>HH Starry Nights</i> 10:00pm	<b>10</b>	<b>11</b>	<b>12</b> <i>Perseids Meteor Shower</i>	<b>13</b> <b>FULL MOON</b> 13:58 EST  <i>Perseids Meteor Shower</i>
<b>14</b>	<b>15</b>	<b>16</b> <i>HH Starry Nights</i> 10:00pm	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
<b>21</b>	<b>22</b> <i>Neptune at Opposition</i>	<b>23</b> Authorized Observing Period Begins  <i>HH Starry Nights</i> 10:00pm	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b> <i>RAS Meeting at the Observatory at 8:00pm</i>
<b>28</b> <b>NEW MOON</b> 22:04 EST	<b>29</b>	<b>30</b>	<b>31</b>	<b>Notes: RAS Meeting Saturday Night at 8:00pm.</b>		

*Richland Astronomical Society – 2011 Calendar*

September 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2 Authorized Observing Period Ends	3
4	5 Labor Day	6	7	8	9	10 <i>Public Night at the Observatory</i>
11	12 FULL MOON 04:27 EST	13	14	15	16	17
18	19	20	21	22 Authorized Observing Period Begins	23 First Day of Autumn	24 <i>RAS Meeting at the Observatory at 8:00pm</i>
25 <i>Uranus at Opposition</i>	26	27 NEW MOON 06:09 EST	28	29 <i>HIDDEN HOLLOW 2011</i>	30 <i>HIDDEN HOLLOW 2011</i>	<b>Notes: Public Night moved due to Labor Day. HH 2011</b>

*Richland Astronomical Society – 2011 Calendar*

October 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						<b>1</b> <i>HIDDEN HOLLOW 2011</i>
<b>2</b> Authorized Observing Period Ends <i>HIDDEN HOLLOW 2011</i>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b> <i>Public Night at the Observatory</i>
<b>9</b>	<b>10</b>	<b>11</b> FULL MOON 21:06 EST	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b> Authorized Observing Period Begins <i>Orionids Meteor Shower</i>	<b>22</b> <i>Orionids Meteor Shower</i>
<b>23</b> RAS Quarterly Board Meeting – Bob Evans 2:00pm	<b>24</b>	<b>25</b>	<b>26</b> NEW MOON 14:56 EST	<b>27</b>	<b>28</b>	<b>29</b> <i>RAS Meeting at the Observatory at 7:00pm</i> <i>Jupiter at Opposition</i>
<b>30</b>	<b>31</b> Authorized Observing Period Ends Halloween	<b>Notes: Hidden Hollow 2011. RAS Meeting Saturday Night at 7:00pm. Hidden Hollow 2011. Public Night moved due to HH.</b>				

*Richland Astronomical Society – 2011 Calendar*

November 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 <i>Public Night at the Observatory</i>
6 <i>DST Ends</i>	7	8	9	10 FULL MOON 15:16 EST	11	12
13	14	15	16	17 <i>Leonids Meteor Shower</i>	18 <i>Leonids Meteor Shower</i>	19
20 Authorized Observing Period Begins	21	22	23	24 Thanksgiving Day	25 NEW MOON 01:10 EST	26 <i>RAS Meeting at the Observatory at 6:00pm</i>
27	28	29	30 Authorized Observing Period Ends	Notes: This is the last Public Night for 2011. RAS Meeting Saturday Night at 6:00pm.		

*Richland Astronomical Society – 2011 Calendar*

December 2011						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3 <i>No Public Night</i>
4 <i>RAS Meeting and Annual Christmas Party – Galion OH 1:00pm</i>	5	6	7	8	9	10 FULL MOON 09:36 EST  Total Lunar Eclipse
11	12	13 <i>Geminids Meteor Shower</i>	14 <i>Geminids Meteor Shower</i>	15	16	17
18	19 Authorized Observing Period Begins	20	21 First Day of Winter	22	23	24 NEW MOON 13:06 EST
25 Christmas Day	26	27	28	29 Authorized Observing Period Ends	30	31 New Year's Eve

**Note: RAS Meeting Sunday at 1:00pm.**