

Magnitude		Name and Number	SHA						Declination								
Vis.	S-4			JAN.	FEB.	MAR.	APR.	MAY	JUNE		JAN.	FEB.	MAR.	APR.	MAY	JUNE	
3-2	4.8	$\gamma$ Cephei	$^{\circ}$ <b>4</b>	60.3	60.8	61.0	60.8	60.1	59.3	$^{\circ}$ <b>N 77</b>	43.3	43.2	43.0	42.9	42.8	42.8	
2-5	2-3	$\alpha$ Pegasi	57	<b>13</b>	37.4	37.5	37.4	37.3	37.2	36.9	<b>N 15</b>	17.3	17.2	17.2	17.1	17.2	17.3
2-4	5-0	$\beta$ Pegasi		<b>13</b>	52.5	52.5	52.5	52.4	52.2	52.0	<b>N 28</b>	10.0	09.9	09.9	09.8	09.8	09.9
1-2	1-3	$\alpha$ Piscis Aust.	56	<b>15</b>	23.1	23.1	23.1	22.9	22.7	22.5	<b>S 29</b>	32.6	32.6	32.5	32.4	32.3	32.2
2-1	4-5	$\beta$ Gruis		<b>19</b>	07.0	07.1	07.0	06.8	06.6	06.3	<b>S 46</b>	48.5	48.4	48.3	48.1	48.0	47.9
2-9	5-0	$\alpha$ Tucanae		<b>25</b>	07.9	07.9	07.8	07.5	07.2	06.8	<b>S 60</b>	11.2	11.0	10.9	10.7	10.6	10.6
1-7	1-8	$\alpha$ Gruis	55	<b>27</b>	42.8	42.8	42.7	42.5	42.3	41.9	<b>S 46</b>	53.3	53.2	53.1	53.0	52.9	52.8
2-9	3-4	$\delta$ Capricorni		<b>33</b>	02.2	02.2	02.1	01.9	01.7	01.5	<b>S 16</b>	03.5	03.5	03.5	03.4	03.3	03.2
2-4	4-8	$\epsilon$ Pegasi	54	<b>33</b>	46.3	46.3	46.2	46.1	45.9	45.6	<b>N 9</b>	56.8	56.7	56.7	56.7	56.7	56.8
2-9	4-3	$\beta$ Aquarii		<b>36</b>	55.0	55.0	54.9	54.7	54.5	54.2	<b>S 5</b>	30.2	30.2	30.2	30.2	30.1	30.0
2-4	2-7	$\alpha$ Cephei		<b>40</b>	16.3	16.4	16.2	15.9	15.5	15.1	<b>N 62</b>	39.2	39.1	38.9	38.8	38.8	38.9
2-5	4-0	$\epsilon$ Cygni		<b>48</b>	18.0	17.9	17.8	17.6	17.3	17.1	<b>N 34</b>	01.8	01.7	01.6	01.5	01.6	01.7
1-3	1-4	$\alpha$ Cygni	53	<b>49</b>	31.1	31.1	30.9	30.7	30.4	30.2	<b>N 45</b>	20.3	20.1	20.0	19.9	20.0	20.1
3-1	4-6	$\alpha$ Indi		<b>50</b>	21.2	21.1	20.9	20.6	20.3	20.0	<b>S 47</b>	14.2	14.1	14.0	14.0	13.9	13.9
1-9	1-7	$\alpha$ Pavonis	52	<b>53</b>	18.2	18.1	17.8	17.5	17.1	16.8	<b>S 56</b>	41.1	41.0	40.9	40.8	40.7	40.7
2-2	3-1	$\gamma$ Cygni		<b>54</b>	18.8	18.7	18.6	18.3	18.1	17.8	<b>N 40</b>	18.5	18.3	18.2	18.2	18.3	18.4
0-8	1-0	$\alpha$ Aquilae	51	<b>62</b>	07.5	07.4	07.2	07.0	06.8	06.6	<b>N 8</b>	54.6	54.6	54.5	54.5	54.6	54.7
2-7	5-0	$\gamma$ Aquilae		<b>63</b>	15.6	15.5	15.4	15.2	15.0	14.8	<b>N 10</b>	39.2	39.1	39.0	39.0	39.1	39.2
2-9	2-8	$\delta$ Cygni		<b>63</b>	38.7	38.6	38.4	38.1	37.9	37.6	<b>N 45</b>	10.2	10.1	10.0	09.9	10.0	10.2
3-1	4-1	$\beta$ Cygni		<b>67</b>	10.4	10.3	10.1	09.9	09.6	09.4	<b>N 27</b>	59.6	59.5	59.4	59.4	59.5	59.6
2-9	3-6	$\pi$ Sagittarii		<b>72</b>	20.4	20.3	20.1	19.9	19.6	19.4	<b>S 20</b>	59.8	59.8	59.8	59.7	59.7	59.7
3-0	2-8	$\zeta$ Aquilae		<b>73</b>	28.7	28.6	28.4	28.2	28.0	27.8	<b>N 13</b>	53.3	53.2	53.2	53.2	53.2	53.4
2-6	2-7	$\zeta$ Sagittarii		<b>74</b>	06.8	06.6	06.4	06.2	05.9	05.7	<b>S 29</b>	51.3	51.3	51.3	51.2	51.2	51.2
2-0	1-9	$\sigma$ Sagittarii	50	<b>75</b>	57.3	57.2	57.0	56.7	56.5	56.3	<b>S 26</b>	16.5	16.5	16.4	16.4	16.4	16.4
0-0	0-0	$\alpha$ Lyrae	49	<b>80</b>	38.6	38.5	38.3	38.0	37.8	37.6	<b>N 38</b>	48.0	47.8	47.8	47.8	47.9	48.0
2-8	4-4	$\lambda$ Sagittarii		<b>82</b>	46.8	46.6	46.4	46.2	45.9	45.8	<b>S 25</b>	24.6	24.6	24.6	24.6	24.5	24.5
1-9	2-0	$\epsilon$ Sagittarii	48	<b>83</b>	42.8	42.6	42.3	42.1	41.8	41.6	<b>S 34</b>	22.4	22.4	22.4	22.3	22.3	22.4
2-7	4-8	$\delta$ Sagittarii		<b>84</b>	30.9	30.7	30.5	30.3	30.0	29.9	<b>S 29</b>	49.1	49.0	49.0	49.0	49.0	49.0
3-0	4-5	$\gamma$ Sagittarii		<b>88</b>	18.7	18.5	18.2	18.0	17.7	17.6	<b>S 30</b>	25.2	25.2	25.2	25.2	25.2	25.2
2-2	4-6	$\gamma$ Draconis	47	<b>90</b>	46.1	45.9	45.6	45.3	45.1	45.0	<b>N 51</b>	29.3	29.1	29.1	29.1	29.2	29.4
2-8	4-5	$\beta$ Ophiuchi		<b>93</b>	57.0	56.8	56.6	56.4	56.2	56.1	<b>N 4</b>	33.8	33.7	33.7	33.7	33.8	33.9
2-4	2-1	$\kappa$ Scorpii		<b>94</b>	07.3	07.1	06.8	06.6	06.3	06.2	<b>S 39</b>	02.0	01.9	01.9	02.0	02.0	02.0
1-9	2-4	$\theta$ Scorpii		<b>95</b>	24.3	24.0	23.7	23.4	23.2	23.0	<b>S 43</b>	00.1	00.1	00.1	00.1	00.2	00.2
2-1	2-2	$\alpha$ Ophiuchi	46	<b>96</b>	05.7	05.6	05.4	05.1	05.0	04.9	<b>N 12</b>	33.1	33.0	32.9	33.0	33.0	33.1
1-6	1-3	$\lambda$ Scorpii	45	<b>96</b>	20.8	20.6	20.3	20.0	19.8	19.6	<b>S 37</b>	06.6	06.6	06.6	06.6	06.6	06.7
3-0	2-6	$\alpha$ Arae		<b>96</b>	45.2	44.9	44.6	44.3	44.0	43.9	<b>S 49</b>	52.9	52.9	52.9	52.9	53.0	53.1
2-7	2-4	$\nu$ Scorpii		<b>97</b>	03.4	03.2	02.9	02.7	02.4	02.3	<b>S 37</b>	18.2	18.2	18.2	18.2	18.2	18.3
2-8	4-3	$\beta$ Draconis		<b>97</b>	18.9	18.6	18.3	18.0	17.8	17.7	<b>N 52</b>	17.4	17.3	17.2	17.3	17.4	17.6
2-8	4-4	$\beta$ Arae		<b>98</b>	22.1	21.7	21.4	21.0	20.7	20.5	<b>S 55</b>	32.3	32.2	32.2	32.3	32.3	32.4
Var.*	Var.†	$\alpha$ Herculis		<b>101</b>	10.2	10.0	09.8	09.6	09.4	09.3	<b>N 14</b>	22.5	22.4	22.4	22.4	22.5	22.6
2-4	2-5	$\eta$ Ophiuchi	44	<b>102</b>	11.6	11.4	11.1	10.9	10.7	10.6	<b>S 15</b>	44.4	44.4	44.5	44.5	44.5	44.4
3-1	5-5	$\zeta$ Arae		<b>105</b>	02.3	01.9	01.5	01.2	00.9	00.7	<b>S 56</b>	00.4	00.4	00.4	00.5	00.6	00.7
2-3	4-0	$\epsilon$ Scorpii		<b>107</b>	13.1	12.8	12.6	12.3	12.1	12.0	<b>S 34</b>	18.9	19.0	19.0	19.0	19.1	19.1
1-9	4-1	$\alpha$ Triang. Aust.	43	<b>107</b>	26.4	25.9	25.3	24.8	24.4	24.2	<b>S 69</b>	02.9	02.8	02.8	02.9	03.0	03.1
2-8	3-7	$\zeta$ Herculis		<b>109</b>	32.5	32.2	32.0	31.8	31.7	31.6	<b>N 31</b>	34.5	34.4	34.4	34.4	34.6	34.7
2-6	2-5	$\zeta$ Ophiuchi		<b>110</b>	30.3	30.1	29.9	29.7	29.5	29.5	<b>S 10</b>	35.7	35.7	35.8	35.8	35.7	35.7
2-8	2-4	$\tau$ Scorpii		<b>110</b>	47.8	47.6	47.4	47.1	47.0	46.9	<b>S 28</b>	14.6	14.6	14.6	14.7	14.7	14.7
2-8	4-3	$\beta$ Herculis		<b>112</b>	17.2	17.0	16.8	16.6	16.4	16.4	<b>N 21</b>	27.5	27.4	27.3	27.4	27.5	27.6
1-0	3-7	$\alpha$ Scorpii	42	<b>112</b>	25.2	24.9	24.7	24.5	24.3	24.2	<b>S 26</b>	27.7	27.7	27.7	27.8	27.8	27.8
2-7	4-1	$\eta$ Draconis		<b>113</b>	57.6	57.3	56.9	56.6	56.4	56.4	<b>N 61</b>	28.7	28.6	28.6	28.7	28.8	29.0
2-7	5-1	$\delta$ Ophiuchi		<b>116</b>	13.1	12.9	12.7	12.5	12.4	12.3	<b>S 3</b>	43.8	43.9	43.9	43.9	43.9	43.9
2-6	2-4	$\beta$ Scorpii		<b>118</b>	25.4	25.2	24.9	24.7	24.6	24.5	<b>S 19</b>	50.6	50.6	50.7	50.7	50.7	50.7
2-3	2-1	$\delta$ Scorpii		<b>119</b>	41.7	41.5	41.3	41.1	40.9	40.9	<b>S 22</b>	39.6	39.7	39.7	39.8	39.8	39.8
2-9	2-6	$\pi$ Scorpii		<b>120</b>	03.6	03.4	03.1	02.9	02.8	02.7	<b>S 26</b>	09.2	09.2	09.3	09.3	09.4	09.4
2-8	3-2	$\beta$ Trianguli Aust.		<b>120</b>	52.9	52.5	52.0	51.7	51.4	51.3	<b>S 63</b>	28.2	28.2	28.3	28.4	28.5	28.6
2-6	4-5	$\alpha$ Serpentis		<b>123</b>	45.0	44.8	44.5	44.4	44.3	44.2	<b>N 6</b>	22.8	22.7	22.7	22.7	22.7	22.8
2-8	2-4	$\gamma$ Lupi		<b>125</b>	57.9	57.6	57.3	57.1	56.9	56.9	<b>S 41</b>	12.7	12.8	12.8	12.9	13.0	13.0
2-2	2-1	$\alpha$ Coronae Bor.	41	<b>126</b>	10.3	10.1	09.8	09.7	09.6	09.6	<b>N 26</b>	39.8	39.7	39.7	39.8	39.9	40.0

Magnitude		Name and Number	SHA							Declination						
Vis.	S-4			JULY	AUG.	SEPT.	OCT.	NOV.	DEC.		JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
3-2	4.8	$\gamma$ Cephei	4	58.6	58.0	57.8	57.9	58.3	59.0	N 77	42.9	43.0	43.2	43.4	43.6	43.6
2-5	2-3	<i>Markab</i>	57	13	36.7	36.5	36.5	36.5	36.6	36.7	N 15	17.4	17.5	17.6	17.6	17.6
2-4	5-0	<i>Scheat</i>		13	51.7	51.6	51.5	51.5	51.6	51.7	N 28	10.0	10.1	10.3	10.4	10.4
1-2	1-3	<i>Fomalhaut</i>	56	15	22.2	22.1	22.0	22.0	22.1	22.2	S 29	32.1	32.1	32.2	32.3	32.4
2-1	4-5	$\beta$ Gruis		19	06.0	05.8	05.7	05.8	05.9	06.1	S 46	47.9	47.9	48.0	48.1	48.2
2-9	5-0	$\alpha$ Tucanae		25	06.4	06.2	06.2	06.3	06.5	06.8	S 60	10.6	10.7	10.8	10.9	11.0
1-7	1-8	<i>Al Na'ir</i>	55	27	41.7	41.5	41.5	41.6	41.7	41.9	S 46	52.8	52.9	53.0	53.1	53.1
2-9	3-4	$\delta$ Capricorni		33	01.3	01.2	01.2	01.2	01.3	01.4	S 16	03.2	03.1	03.1	03.2	03.2
2-4	4-8	<i>Enif</i>	54	33	45.4	45.3	45.3	45.4	45.5	45.6	N 9	56.9	57.0	57.1	57.1	57.1
2-9	4-3	$\beta$ Aquarii		36	54.1	54.0	54.0	54.0	54.2	54.2	S 5	30.0	29.9	29.9	29.9	29.9
2-4	2-7	<i>Alderamin</i>		40	14.9	14.8	14.9	15.2	15.5	15.8	N 62	39.1	39.3	39.5	39.6	39.6
2-5	4-0	$\epsilon$ Cygni		48	16.9	16.9	16.9	17.1	17.2	17.4	N 34	01.9	02.0	02.1	02.2	02.2
1-3	1-4	<i>Deneb</i>	53	49	30.0	30.0	30.1	30.2	30.4	30.6	N 45	20.3	20.4	20.6	20.7	20.6
3-1	4-6	$\alpha$ Indi		50	19.8	19.7	19.8	19.9	20.1	20.3	S 47	13.9	14.0	14.1	14.1	14.2
1-9	1-7	<i>Peacock</i>	52	53	16.5	16.4	16.5	16.7	17.0	17.1	S 56	40.8	40.9	41.0	41.1	41.1
2-2	3-1	$\gamma$ Cygni		54	17.7	17.7	17.8	17.9	18.1	18.3	N 40	18.5	18.7	18.8	18.9	18.8
0-8	1-0	<i>Altair</i>	51	62	06.5	06.5	06.6	06.7	06.8	06.9	N 8	54.8	54.9	54.9	55.0	54.9
2-7	5-0	$\gamma$ Aquilae		63	14.6	14.6	14.7	14.8	15.0	15.0	N 10	39.3	39.4	39.5	39.5	39.4
2-9	2-8	$\delta$ Cygni		63	37.5	37.6	37.7	37.9	38.1	38.3	N 45	10.3	10.5	10.6	10.6	10.6
3-1	4-1	<i>Albireo</i>		67	09.3	09.3	09.5	09.6	09.8	09.9	N 27	59.8	59.9	60.0	60.0	59.9
2-9	3-6	$\pi$ Sagittarii		72	19.3	19.3	19.4	19.6	19.7	19.7	S 20	59.7	59.7	59.7	59.7	59.7
3-0	2-8	$\zeta$ Aquilae		73	27.8	27.8	27.9	28.0	28.1	28.2	N 13	53.5	53.6	53.6	53.6	53.5
2-6	2-7	$\zeta$ Sagittarii		74	05.6	05.6	05.7	05.9	06.0	06.0	S 29	51.2	51.2	51.3	51.3	51.3
2-0	1-9	<i>Nunki</i>	50	75	56.2	56.2	56.3	56.5	56.6	56.6	S 26	16.4	16.4	16.4	16.4	16.4
0-0	0-0	<i>Vega</i>	49	80	37.6	37.6	37.8	38.0	38.2	38.2	N 38	48.2	48.3	48.4	48.4	48.3
2-8	4-4	$\lambda$ Sagittarii		82	45.7	45.7	45.8	46.0	46.1	46.1	S 25	24.5	24.5	24.6	24.6	24.5
1-9	2-0	<i>Kaus Australis</i>	48	83	41.5	41.6	41.7	41.9	42.0	42.0	S 34	22.4	22.4	22.5	22.5	22.4
2-7	4-8	$\delta$ Sagittarii		84	29.8	29.8	29.9	30.1	30.2	30.2	S 29	49.0	49.1	49.1	49.1	49.1
3-0	4-5	$\gamma$ Sagittarii		88	17.5	17.5	17.7	17.8	17.9	17.9	S 30	25.2	25.2	25.2	25.2	25.2
2-2	4-6	<i>Eltanin</i>	47	90	45.0	45.1	45.4	45.6	45.8	45.9	N 51	29.5	29.7	29.7	29.7	29.6
2-8	4-5	$\beta$ Ophiuchi		93	56.1	56.1	56.2	56.4	56.5	56.5	N 4	33.9	34.0	34.0	34.0	33.9
2-4	2-1	$\kappa$ Scorpii		94	06.1	06.2	06.3	06.5	06.6	06.6	S 39	02.1	02.1	02.1	02.1	02.0
1-9	2-4	$\theta$ Scorpii		95	23.0	23.1	23.2	23.4	23.5	23.5	S 43	00.3	00.3	00.3	00.3	00.2
2-1	2-2	<i>Rasalhague</i>	46	96	04.8	04.9	05.0	05.2	05.3	05.2	N 12	33.2	33.3	33.3	33.3	33.2
1-6	1-3	<i>Shaula</i>	45	96	19.6	19.7	19.8	20.0	20.1	20.1	S 37	06.7	06.8	06.8	06.7	06.7
3-0	2-6	$\alpha$ Arae		96	43.8	43.9	44.1	44.3	44.4	44.4	S 49	53.1	53.2	53.2	53.2	53.1
2-7	2-4	$\nu$ Scorpii		97	02.2	02.3	02.5	02.6	02.7	02.7	S 37	18.3	18.3	18.4	18.3	18.2
2-8	4-3	$\beta$ Draconis		97	17.8	17.9	18.2	18.5	18.6	18.7	N 52	17.7	17.8	17.9	17.9	17.6
2-8	4-4	$\beta$ Arae		98	20.5	20.6	20.8	21.1	21.2	21.2	S 55	32.5	32.6	32.6	32.5	32.4
Var.*	Var.†	$\alpha$ Herculis		101	09.3	09.4	09.6	09.7	09.8	09.7	N 14	22.7	22.7	22.8	22.7	22.6
2-4	2-5	<i>Sabik</i>	44	102	10.6	10.7	10.8	10.9	11.0	11.0	S 15	44.4	44.4	44.4	44.4	44.4
3-1	5-5	$\zeta$ Arae		105	00.7	00.9	01.1	01.4	01.5	01.4	S 56	00.8	00.8	00.8	00.8	00.6
2-3	4-0	$\epsilon$ Scorpii		107	12.0	12.1	12.3	12.4	12.5	12.4	S 34	19.1	19.2	19.1	19.1	19.0
1-9	4-1	<i>Atria</i>	43	107	24.2	24.5	24.9	25.3	25.5	25.4	S 69	03.3	03.3	03.4	03.3	03.1
2-8	3-7	$\zeta$ Herculis		109	31.6	31.7	31.9	32.1	32.2	32.1	N 31	34.8	34.9	34.9	34.9	34.6
2-6	2-5	$\zeta$ Ophiuchi		110	29.5	29.5	29.7	29.8	29.8	29.8	S 10	35.7	35.7	35.7	35.6	35.7
2-8	2-4	$\tau$ Scorpii		110	46.9	47.0	47.1	47.2	47.3	47.2	S 28	14.7	14.7	14.7	14.7	14.7
2-8	4-3	$\beta$ Herculis		112	16.4	16.5	16.7	16.8	16.9	16.8	N 21	27.7	27.7	27.7	27.7	27.5
1-0	3-7	<i>Antares</i>	42	112	24.2	24.3	24.5	24.6	24.6	24.5	S 26	27.8	27.8	27.8	27.8	27.8
2-7	4-1	$\eta$ Draconis		113	56.5	56.8	57.2	57.5	57.7	57.7	N 61	29.1	29.2	29.2	29.1	28.8
2-7	5-1	$\delta$ Ophiuchi		116	12.3	12.4	12.5	12.6	12.7	12.6	S 3	43.8	43.8	43.8	43.8	43.9
2-6	2-4	$\beta$ Scorpii		118	24.6	24.7	24.8	24.9	24.9	24.8	S 19	50.7	50.7	50.7	50.7	50.7
2-3	2-1	<i>Dschubba</i>		119	40.9	41.0	41.1	41.2	41.2	41.1	S 22	39.8	39.8	39.8	39.8	39.7
2-9	2-6	$\pi$ Scorpii		120	02.8	02.9	03.0	03.1	03.1	03.0	S 26	09.4	09.4	09.4	09.3	09.3
2-8	3-2	$\beta$ Trianguli Aust.		120	51.4	51.7	52.0	52.3	52.3	52.1	S 63	28.7	28.8	28.7	28.6	28.4
2-6	4-5	$\alpha$ Serpentis		123	44.3	44.4	44.5	44.6	44.6	44.5	N 6	22.9	22.9	22.9	22.9	22.7
2-8	2-4	$\gamma$ Lupi		125	56.9	57.1	57.2	57.4	57.4	57.2	S 41	13.1	13.1	13.1	13.0	12.9
2-2	2-1	<i>Alphecca</i>	41	126	09.6	09.8	09.9	10.0	10.0	09.9	N 26	40.1	40.1	40.1	40.0	39.8

\* 2.9 — 3.6 † 4.6 — 5.2

Magnitude		Name and Number	SHA						Declination							
Vis.	S-4			JAN.	FEB.	MAR.	APR.	MAY	JUNE		JAN.	FEB.	MAR.	APR.	MAY	JUNE
3-1	3-2	$\gamma$ Ursæ Minoris	<b>129</b>	50.1	49.5	49.0	48.6	48.5	48.7	<b>N 71</b>	46.6	46.6	46.6	46.7	46.9	47.0
2-9	2-8	$\gamma$ Trianguli Aust.	<b>129</b>	55.0	54.4	53.9	53.5	53.3	53.3	<b>S 68</b>	43.7	43.7	43.8	43.9	44.0	44.2
2-6	2-4	$\beta$ Libræ	<b>130</b>	32.8	32.5	32.3	32.2	32.1	32.1	<b>S 9</b>	26.2	26.2	26.3	26.3	26.3	26.3
2-7	2-4	$\beta$ Lupi	<b>135</b>	07.1	06.8	06.6	06.4	06.3	06.2	<b>S 43</b>	11.4	11.4	11.5	11.6	11.7	11.8
2-8	3-2	$\alpha$ Libræ	39 <b>137</b>	04.3	04.1	03.9	03.7	03.6	03.6	<b>S 16</b>	06.1	06.2	06.2	06.3	06.3	06.3
2-1	4-3	$\beta$ Ursæ Minoris	40 <b>137</b>	20.7	20.1	19.5	19.1	19.1	19.4	<b>N 74</b>	05.4	05.4	05.4	05.5	05.7	05.9
2-4	3-9	$\epsilon$ Bootis	<b>138</b>	35.5	35.2	35.0	34.9	34.8	34.9	<b>N 27</b>	00.6	00.5	00.5	00.6	00.7	00.8
2-3	2-5	$\alpha$ Lupi	<b>139</b>	15.9	15.5	15.3	15.1	15.0	15.0	<b>S 47</b>	26.8	26.9	27.0	27.1	27.2	27.3
-0.3	0-9	$\alpha$ Centauri	38 <b>139</b>	50.3	49.9	49.5	49.3	49.2	49.3	<b>S 60</b>	53.4	53.5	53.6	53.7	53.9	54.0
2-3	2-3	$\eta$ Centauri	<b>140</b>	52.9	52.6	52.4	52.2	52.1	52.1	<b>S 42</b>	13.1	13.2	13.3	13.4	13.5	13.6
3-0	3-3	$\gamma$ Bootis	<b>141</b>	49.9	49.6	49.4	49.3	49.2	49.3	<b>N 38</b>	14.4	14.3	14.4	14.5	14.6	14.7
0-0	1-9	$\alpha$ Bootis	37 <b>145</b>	54.8	54.6	54.4	54.3	54.3	54.3	<b>N 19</b>	06.2	06.1	06.1	06.1	06.2	06.3
2-1	3-5	$\theta$ Centauri	36 <b>148</b>	06.3	06.0	05.8	05.7	05.6	05.7	<b>S 36</b>	26.4	26.5	26.6	26.7	26.8	26.8
0-6	0-3	$\beta$ Centauri	35 <b>148</b>	46.3	45.9	45.6	45.4	45.3	45.4	<b>S 60</b>	26.4	26.5	26.6	26.7	26.9	27.0
2-6	2-7	$\zeta$ Centauri	<b>150</b>	52.5	52.2	52.0	51.8	51.8	51.9	<b>S 47</b>	21.4	21.5	21.7	21.8	21.9	22.0
2-7	3-6	$\eta$ Bootis	<b>151</b>	09.0	08.8	08.6	08.5	08.5	08.5	<b>N 18</b>	19.3	19.2	19.2	19.2	19.3	19.4
1-9	1-5	$\eta$ Ursæ Majoris	34 <b>152</b>	58.2	57.9	57.6	57.5	57.5	57.6	<b>N 49</b>	14.1	14.0	14.1	14.2	14.3	14.5
2-3	2-1	$\epsilon$ Centauri	<b>154</b>	47.0	46.6	46.4	46.3	46.2	46.3	<b>S 53</b>	32.3	32.4	32.5	32.6	32.8	32.8
1-0	0-7	$\alpha$ Virginis	33 <b>158</b>	30.1	29.9	29.7	29.6	29.6	29.7	<b>S 11</b>	14.3	14.4	14.5	14.5	14.5	14.5
2-3	2-2	$\zeta$ Ursæ Majoris	<b>158</b>	52.2	51.9	51.6	51.5	51.6	51.8	<b>N 54</b>	50.5	50.5	50.6	50.7	50.9	51.0
2-8	2-8	$\iota$ Centauri	<b>159</b>	38.1	37.8	37.6	37.6	37.6	37.6	<b>S 36</b>	47.3	47.4	47.5	47.6	47.7	47.7
2-8	4-1	$\epsilon$ Virginis	<b>164</b>	16.0	15.8	15.7	15.6	15.6	15.7	<b>N 10</b>	52.6	52.5	52.5	52.6	52.6	52.7
2-9	2-7	$\alpha$ Canum Venat.	<b>165</b>	49.0	48.8	48.6	48.6	48.6	48.7	<b>N 38</b>	14.0	14.0	14.0	14.1	14.2	14.3
1-8	1-5	$\epsilon$ Ursæ Majoris	32 <b>166</b>	19.8	19.4	19.2	19.2	19.3	19.4	<b>N 55</b>	52.4	52.4	52.5	52.6	52.8	52.9
1-3	1-0	$\beta$ Crucis	<b>167</b>	50.4	50.0	49.8	49.7	49.8	50.0	<b>S 59</b>	46.0	46.1	46.3	46.4	46.6	46.6
2-9	3-0	$\gamma$ Virginis	<b>169</b>	23.5	23.3	23.2	23.1	23.2	23.2	<b>S 1</b>	32.0	32.1	32.1	32.1	32.1	32.1
2-2	2-1	$\gamma$ Centauri	<b>169</b>	24.3	24.0	23.9	23.8	23.9	24.0	<b>S 49</b>	02.3	02.5	02.6	02.7	02.8	02.9
2-7	2-6	$\alpha$ Muscæ	<b>170</b>	27.8	27.4	27.1	27.1	27.2	27.5	<b>S 69</b>	12.8	12.9	13.1	13.3	13.4	13.5
2-7	4-0	$\beta$ Corvi	<b>171</b>	12.1	11.8	11.7	11.7	11.7	11.8	<b>S 23</b>	28.7	28.8	28.9	29.0	29.0	29.0
1-6	4-1	$\gamma$ Crucis	31 <b>171</b>	59.4	59.1	58.9	58.8	58.9	59.1	<b>S 57</b>	11.6	11.7	11.9	12.1	12.2	12.2
1-3	0-5	$\alpha$ Crucis	30 <b>173</b>	07.7	07.3	07.1	07.1	07.2	07.4	<b>S 63</b>	10.7	10.8	11.0	11.2	11.3	11.4
2-6	2-5	$\gamma$ Corvi	29 <b>175</b>	51.0	50.8	50.7	50.7	50.7	50.8	<b>S 17</b>	37.5	37.6	37.7	37.8	37.8	37.8
2-6	2-4	$\delta$ Centauri	<b>177</b>	42.4	42.1	42.0	42.0	42.1	42.2	<b>S 50</b>	48.2	48.3	48.5	48.6	48.7	48.8
2-4	2-4	$\gamma$ Ursæ Majoris	<b>181</b>	20.7	20.4	20.2	20.3	20.4	20.6	<b>N 53</b>	36.3	36.4	36.5	36.6	36.7	36.8
2-1	2-2	$\beta$ Leonis	28 <b>182</b>	32.4	32.2	32.1	32.1	32.2	32.3	<b>N 14</b>	29.1	29.1	29.1	29.1	29.1	29.2
2-6	2-6	$\delta$ Leonis	<b>191</b>	16.2	16.0	15.9	16.0	16.0	16.1	<b>N 20</b>	26.2	26.2	26.2	26.3	26.4	26.4
3-0	4-7	$\psi$ Ursæ Majoris	<b>192</b>	22.2	22.0	21.9	22.0	22.1	22.3	<b>N 44</b>	24.7	24.7	24.8	24.9	25.0	25.0
1-8	3-4	$\alpha$ Ursæ Majoris	27 <b>193</b>	50.1	49.8	49.7	49.8	50.1	50.3	<b>N 61</b>	39.8	39.9	40.0	40.2	40.3	40.3
2-4	2-3	$\beta$ Ursæ Majoris	<b>194</b>	18.7	18.4	18.3	18.4	18.6	18.8	<b>N 56</b>	17.8	17.8	17.9	18.1	18.1	18.2
2-7	4-1	$\mu$ Velorum	<b>198</b>	08.1	07.9	07.9	08.0	08.2	08.3	<b>S 49</b>	29.9	30.1	30.3	30.4	30.5	30.5
2-8	2-5	$\theta$ Carinæ	<b>199</b>	06.7	06.4	06.4	06.6	06.9	07.2	<b>S 64</b>	28.3	28.5	28.6	28.8	28.9	28.9
2-3	3-8	$\gamma$ Leonis	<b>204</b>	47.7	47.6	47.5	47.6	47.7	47.8	<b>N 19</b>	45.7	45.6	45.7	45.7	45.8	45.8
1-4	1-0	$\alpha$ Leonis	26 <b>207</b>	42.1	42.0	42.0	42.0	42.1	42.2	<b>N 11</b>	53.4	53.3	53.3	53.4	53.4	53.4
3-0	4-2	$\epsilon$ Leonis	<b>213</b>	19.1	19.0	19.0	19.1	19.2	19.3	<b>N 23</b>	42.0	42.0	42.0	42.1	42.1	42.2
3-1	5-4	$N$ Velorum	<b>217</b>	04.0	03.9	04.0	04.2	04.5	04.7	<b>S 57</b>	06.1	06.3	06.4	06.5	06.6	06.5
2-0	4-4	$\alpha$ Hydræ	25 <b>217</b>	54.7	54.6	54.6	54.7	54.8	54.9	<b>S 8</b>	43.6	43.7	43.8	43.8	43.8	43.7
2-5	2-3	$\kappa$ Velorum	<b>219</b>	20.6	20.5	20.6	20.8	21.0	21.2	<b>S 55</b>	04.5	04.7	04.9	05.0	05.0	05.0
2-2	2-3	$\iota$ Carinæ	<b>220</b>	36.8	36.7	36.8	37.1	37.3	37.6	<b>S 59</b>	20.3	20.5	20.7	20.8	20.8	20.8
1-7	1-8	$\beta$ Carinæ	24 <b>221</b>	38.4	38.3	38.5	38.9	39.4	39.8	<b>S 69</b>	46.8	47.0	47.1	47.2	47.3	47.2
2-2	4-6	$\lambda$ Velorum	23 <b>222</b>	51.2	51.1	51.2	51.3	51.5	51.7	<b>S 43</b>	29.7	29.9	30.0	30.1	30.1	30.0
3-1	3-4	$\iota$ Ursæ Majoris	<b>224</b>	56.1	56.0	56.0	56.2	56.4	56.5	<b>N 47</b>	58.6	58.7	58.8	58.9	58.9	58.9
2-0	2-0	$\delta$ Velorum	<b>228</b>	42.5	42.4	42.6	42.8	43.1	43.3	<b>S 54</b>	45.9	46.1	46.3	46.4	46.4	46.3
1-9	3-3	$\epsilon$ Carinæ	22 <b>234</b>	16.8	16.9	17.0	17.3	17.6	17.9	<b>S 59</b>	33.6	33.8	33.9	34.0	34.0	33.9
1-8	1-7	$\gamma$ Velorum	<b>237</b>	29.4	29.4	29.6	29.8	30.0	30.1	<b>S 47</b>	23.0	23.2	23.3	23.4	23.4	23.3
2-8	3-3	$\rho$ Puppis	<b>237</b>	56.8	56.7	56.8	57.0	57.1	57.2	<b>S 24</b>	21.1	21.2	21.3	21.3	21.3	21.2
2-3	1-8	$\zeta$ Puppis	<b>238</b>	57.7	57.7	57.9	58.1	58.2	58.3	<b>S 40</b>	02.9	03.1	03.2	03.2	03.2	03.1
1-1	2-5	$\beta$ Geminorum	21 <b>243</b>	26.0	26.0	26.1	26.3	26.4	26.4	<b>N 27</b>	59.1	59.1	59.2	59.2	59.2	59.2
0-4	0-8	$\alpha$ Canis Minoris	20 <b>244</b>	58.3	58.2	58.3	58.5	58.6	58.6	<b>N 5</b>	10.9	10.9	10.8	10.9	10.9	10.9

Magnitude		Name and Number	SHA						Declination							
Vis.	S-4		JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.		
3-1	3-2	$\gamma$ Ursæ Minoris	<b>129</b>	49-1	49-6	50-1	50-5	50-6	50-5	<b>N 71</b>	47-1	47-1	47-1	47-0	46-8	46-6
2-9	2-8	$\gamma$ Trianguli Aust.	<b>129</b>	53-5	53-8	54-2	54-5	54-5	54-2	<b>S 68</b>	44-3	44-3	44-2	44-1	44-0	43-9
2-6	2-4	$\beta$ Libræ	<b>130</b>	32-1	32-2	32-3	32-4	32-4	32-3	<b>S 9</b>	26-2	26-2	26-2	26-2	26-2	26-3
2-7	2-4	$\beta$ Lupi	<b>135</b>	06-3	06-5	06-6	06-8	06-7	06-5	<b>S 43</b>	11-8	11-8	11-7	11-7	11-6	11-5
2-8	3-2	<i>Zubenelgenubi</i>	<b>137</b>	03-7	03-8	03-9	04-0	04-0	03-8	<b>S 16</b>	06-3	06-2	06-2	06-2	06-2	06-2
2-1	4-3	<i>Kochab</i>	<b>137</b>	19-8	20-4	21-0	21-4	21-5	21-3	<b>N 74</b>	05-9	05-9	05-8	05-7	05-5	05-3
2-4	3-9	$\epsilon$ Bootis	<b>138</b>	34-9	35-1	35-2	35-3	35-3	35-1	<b>N 27</b>	00-9	00-9	00-9	00-8	00-7	00-5
2-3	2-5	$\alpha$ Lupi	<b>139</b>	15-1	15-3	15-5	15-6	15-5	15-3	<b>S 47</b>	27-3	27-3	27-3	27-2	27-1	27-0
-0-3	0-9	<i>Rigil Kent.</i>	<b>139</b>	49-4	49-7	50-0	50-1	50-1	49-8	<b>S 60</b>	54-0	54-0	54-0	53-8	53-7	53-6
2-3	2-3	$\eta$ Centauri	<b>140</b>	52-2	52-4	52-5	52-6	52-5	52-3	<b>S 42</b>	13-6	13-6	13-5	13-4	13-4	13-3
3-0	3-3	$\gamma$ Bootis	<b>141</b>	49-4	49-6	49-7	49-8	49-8	49-6	<b>N 38</b>	14-8	14-8	14-7	14-6	14-5	14-3
0-0	1-9	<i>Arcturus</i>	<b>145</b>	54-4	54-5	54-6	54-7	54-6	54-5	<b>N 19</b>	06-4	06-4	06-3	06-3	06-2	06-0
2-1	3-5	<i>Menkent</i>	<b>148</b>	05-7	05-9	06-0	06-1	06-0	05-8	<b>S 36</b>	26-8	26-8	26-7	26-7	26-6	26-6
0-6	0-3	<i>Hadar</i>	<b>148</b>	45-6	45-8	46-1	46-2	46-1	45-8	<b>S 60</b>	27-0	27-0	26-9	26-8	26-7	26-6
2-6	2-7	$\zeta$ Centauri	<b>150</b>	52-0	52-2	52-3	52-4	52-3	52-0	<b>S 47</b>	22-0	22-0	21-9	21-8	21-7	21-7
2-7	3-6	$\eta$ Bootis	<b>151</b>	08-6	08-7	08-8	08-9	08-8	08-6	<b>N 18</b>	19-4	19-5	19-4	19-4	19-2	19-1
1-9	1-5	<i>Alkaid</i>	<b>152</b>	57-8	58-0	58-2	58-2	58-2	58-0	<b>N 49</b>	14-5	14-5	14-4	14-3	14-1	13-9
2-3	2-1	$\epsilon$ Centauri	<b>154</b>	46-5	46-7	46-9	46-9	46-8	46-5	<b>S 53</b>	32-9	32-8	32-7	32-6	32-5	32-5
1-0	0-7	<i>Spica</i>	<b>158</b>	29-7	29-8	29-9	29-9	29-8	29-6	<b>S 11</b>	14-5	14-5	14-4	14-4	14-4	14-5
2-3	2-2	<i>Mizar</i>	<b>158</b>	52-0	52-2	52-3	52-4	52-3	52-0	<b>N 54</b>	51-0	51-0	50-9	50-7	50-5	50-4
2-8	2-8	$\iota$ Centauri	<b>159</b>	37-7	37-9	38-0	38-0	37-9	37-6	<b>S 36</b>	47-7	47-7	47-6	47-5	47-5	47-5
2-8	4-1	$\epsilon$ Virginis	<b>164</b>	15-8	15-9	15-9	15-9	15-8	15-6	<b>N 10</b>	52-7	52-7	52-7	52-6	52-5	52-4
2-9	2-7	<i>Cor Caroli</i>	<b>165</b>	48-9	49-0	49-1	49-1	49-0	48-7	<b>N 38</b>	14-4	14-3	14-2	14-1	14-0	13-8
1-8	1-5	<i>Alioth</i>	<b>166</b>	19-6	19-8	20-0	20-0	19-9	19-6	<b>N 55</b>	52-9	52-8	52-7	52-5	52-3	52-2
1-3	1-0	<i>Mimosa</i>	<b>167</b>	50-2	50-4	50-6	50-6	50-4	50-0	<b>S 59</b>	46-6	46-6	46-5	46-3	46-2	46-2
2-9	3-0	$\gamma$ Virginis	<b>169</b>	23-3	23-4	23-4	23-4	23-3	23-1	<b>S 1</b>	32-0	32-0	32-0	32-0	32-1	32-2
2-2	2-1	<i>Muhlifain</i>	<b>169</b>	24-2	24-3	24-4	24-4	24-2	23-9	<b>S 49</b>	02-9	02-8	02-7	02-6	02-5	02-5
2-7	2-6	$\alpha$ Muscæ	<b>170</b>	27-8	28-2	28-4	28-4	28-1	27-6	<b>S 69</b>	13-5	13-5	13-3	13-2	13-1	13-0
2-7	4-0	$\beta$ Corvi	<b>171</b>	11-9	12-0	12-0	12-0	11-9	11-6	<b>S 23</b>	29-0	29-0	28-9	28-9	28-8	28-9
1-6	4-1	<i>Gacrux</i>	<b>171</b>	59-3	59-5	59-6	59-6	59-4	59-0	<b>S 57</b>	12-2	12-2	12-0	11-9	11-8	11-8
1-3	0-5	<i>Acrux</i>	<b>173</b>	07-7	07-9	08-1	08-0	07-8	07-4	<b>S 63</b>	11-4	11-3	11-2	11-0	10-9	10-9
2-6	2-5	<i>Gienah</i>	<b>175</b>	50-9	51-0	51-0	51-0	50-8	50-6	<b>S 17</b>	37-7	37-7	37-6	37-6	37-6	37-7
2-6	2-4	$\delta$ Centauri	<b>177</b>	42-4	42-5	42-6	42-6	42-4	42-0	<b>S 50</b>	48-8	48-7	48-5	48-4	48-4	48-4
2-4	2-4	<i>Phecda</i>	<b>181</b>	20-8	20-9	21-0	20-9	20-7	20-3	<b>N 53</b>	36-8	36-7	36-5	36-4	36-2	36-1
2-1	2-2	<i>Denebola</i>	<b>182</b>	32-4	32-4	32-5	32-4	32-2	32-0	<b>N 14</b>	29-2	29-2	29-2	29-1	29-0	28-9
2-6	2-6	$\delta$ Leonis	<b>191</b>	16-2	16-3	16-3	16-2	16-0	15-7	<b>N 20</b>	26-4	26-4	26-3	26-3	26-1	26-0
3-0	4-7	$\psi$ Ursæ Majoris	<b>192</b>	22-4	22-5	22-5	22-3	22-1	21-8	<b>N 44</b>	25-0	24-9	24-8	24-7	24-5	24-4
1-8	3-4	<i>Dubhe</i>	<b>193</b>	50-5	50-7	50-6	50-5	50-2	49-7	<b>N 61</b>	40-2	40-1	40-0	39-8	39-6	39-6
2-4	2-3	<i>Merak</i>	<b>194</b>	19-0	19-1	19-1	18-9	18-6	18-3	<b>N 56</b>	18-1	18-0	17-9	17-7	17-6	17-5
2-7	4-1	$\mu$ Velorum	<b>198</b>	08-5	08-6	08-6	08-4	08-2	07-8	<b>S 49</b>	30-4	30-3	30-1	30-0	30-0	30-1
2-8	2-5	$\theta$ Carinæ	<b>199</b>	07-4	07-6	07-6	07-4	07-0	06-6	<b>S 64</b>	28-8	28-7	28-6	28-4	28-4	28-4
2-3	3-8	<i>Algeiba</i>	<b>204</b>	47-9	47-9	47-8	47-7	47-5	47-2	<b>N 19</b>	45-8	45-8	45-7	45-7	45-6	45-5
1-4	1-0	<i>Regulus</i>	<b>207</b>	42-3	42-3	42-2	42-1	41-9	41-6	<b>N 11</b>	53-5	53-5	53-4	53-4	53-3	53-2
3-0	4-2	$\epsilon$ Leonis	<b>213</b>	19-4	19-3	19-3	19-1	18-9	18-6	<b>N 23</b>	42-1	42-1	42-1	42-0	41-9	41-8
3-1	5-4	$N$ Velorum	<b>217</b>	04-9	04-9	04-8	04-6	04-2	03-9	<b>S 57</b>	06-4	06-3	06-1	06-0	06-0	06-1
2-0	4-4	<i>Alphard</i>	<b>217</b>	55-0	54-9	54-9	54-7	54-5	54-2	<b>S 8</b>	43-7	43-6	43-6	43-6	43-6	43-7
2-5	2-3	$\kappa$ Velorum	<b>219</b>	21-4	21-4	21-3	21-1	20-7	20-4	<b>S 55</b>	04-9	04-7	04-6	04-5	04-5	04-6
2-2	2-3	$\iota$ Carinæ	<b>220</b>	37-8	37-8	37-7	37-4	37-0	36-7	<b>S 59</b>	20-7	20-5	20-4	20-3	20-3	20-4
1-7	1-8	<i>Miaplacidus</i>	<b>221</b>	40-0	40-1	40-0	39-6	39-0	38-6	<b>S 69</b>	47-1	47-0	46-8	46-7	46-7	46-8
2-2	4-6	<i>Suhail</i>	<b>222</b>	51-7	51-7	51-6	51-4	51-1	50-9	<b>S 43</b>	29-9	29-8	29-7	29-6	29-6	29-8
3-1	3-4	$\iota$ Ursæ Majoris	<b>224</b>	56-6	56-5	56-3	56-1	55-8	55-4	<b>N 47</b>	58-8	58-7	58-6	58-5	58-4	58-4
2-0	2-0	$\delta$ Velorum	<b>228</b>	43-4	43-4	43-2	42-9	42-6	42-3	<b>S 54</b>	46-2	46-0	45-9	45-8	45-8	46-0
1-9	3-3	<i>Avior</i>	<b>234</b>	18-0	17-9	17-8	17-4	17-1	16-7	<b>S 59</b>	33-8	33-6	33-5	33-4	33-5	33-6
1-8	1-7	$\gamma$ Velorum	<b>237</b>	30-2	30-1	30-0	29-7	29-4	29-2	<b>S 47</b>	23-1	23-0	22-9	22-8	22-9	23-0
2-8	3-3	$\rho$ Puppis	<b>237</b>	57-2	57-1	57-0	56-8	56-5	56-3	<b>S 24</b>	21-1	21-0	20-9	20-9	21-0	21-1
2-3	1-8	$\zeta$ Puppis	<b>238</b>	58-4	58-3	58-1	57-9	57-6	57-4	<b>S 40</b>	03-0	02-9	02-7	02-7	02-8	02-9
1-1	2-5	<i>Pollux</i>	<b>243</b>	26-4	26-3	26-1	25-9	25-6	25-4	<b>N 27</b>	59-2	59-1	59-1	59-0	59-0	59-0
0-4	0-8	<i>Procyon</i>	<b>244</b>	58-6	58-5	58-3	58-1	57-9	57-7	<b>N 5</b>	10-9	11-0	11-0	11-0	10-9	10-8

Magnitude		Name and Number	SHA						Declination							
Vis.	S-4			JAN.	FEB.	MAR.	APR.	MAY	JUNE		JAN.	FEB.	MAR.	APR.	MAY	JUNE
1-6	1-4	$\alpha$ Geminorum	246	06-2	06-2	06-3	06-4	06-6	06-6	N 31	51-0	51-1	51-1	51-1	51-1	51-1
3-3	5-5	$\sigma$ Puppis	247	33-8	33-8	34-0	34-2	34-4	34-5	S 43	20-1	20-3	20-4	20-4	20-4	20-3
2-9	3-0	$\beta$ Canis Minoris	248	00-1	00-1	00-2	00-3	00-4	00-5	N 8	15-3	15-2	15-2	15-2	15-2	15-3
2-4	2-2	$\eta$ Canis Majoris	248	49-2	49-2	49-3	49-5	49-6	49-7	S 29	20-2	20-3	20-4	20-4	20-4	20-3
2-7	4-9	$\pi$ Puppis	250	34-4	34-4	34-5	34-7	34-9	35-0	S 37	07-7	07-9	08-0	08-0	07-9	07-8
1-8	3-1	$\delta$ Canis Majoris	252	44-5	44-5	44-6	44-8	44-9	45-0	S 26	25-3	25-4	25-5	25-5	25-4	25-3
3-0	2-7	$o$ Canis Majoris	254	04-8	04-8	04-9	05-1	05-2	05-3	S 23	51-6	51-7	51-8	51-8	51-7	51-6
1-5	1-2	$\varepsilon$ Canis Majoris	19 255	11-3	11-3	11-4	11-6	11-8	11-8	S 28	59-8	60-0	60-0	60-0	60-0	59-9
2-9	4-8	$\tau$ Puppis	257	24-7	24-9	25-1	25-3	25-5	25-7	S 50	38-2	38-4	38-5	38-5	38-4	38-3
-1-5	-1-5	$\alpha$ Canis Majoris	18 258	32-4	32-4	32-6	32-7	32-8	32-9	S 16	44-5	44-6	44-6	44-6	44-6	44-5
1-9	1-8	$\gamma$ Geminorum	260	20-9	20-9	21-0	21-2	21-3	21-3	N 16	22-9	22-9	22-9	22-9	22-9	22-9
-0-7	-0-8	$\alpha$ Carinae	17 263	55-1	55-3	55-5	55-8	56-0	56-1	S 52	42-5	42-7	42-7	42-7	42-6	42-5
2-0	1-5	$\beta$ Canis Majoris	264	09-1	09-2	09-3	09-5	09-6	09-6	S 17	58-1	58-2	58-2	58-2	58-2	58-1
2-6	2-5	$\theta$ Aurigae	269	48-3	48-4	48-5	48-7	48-8	48-8	N 37	12-6	12-6	12-7	12-7	12-6	12-6
1-9	1-9	$\beta$ Aurigae	269	50-0	50-0	50-2	50-4	50-5	50-5	N 44	56-7	56-8	56-8	56-8	56-8	56-7
Var.*	Var.†	$\alpha$ Orionis	16 270	59-8	59-9	60-0	60-1	60-2	60-2	N 7	24-3	24-3	24-3	24-3	24-3	24-3
2-1	1-8	$\kappa$ Orionis	272	52-6	52-6	52-8	52-9	53-0	53-0	S 9	40-2	40-2	40-2	40-2	40-2	40-1
1-9	1-6	$\zeta$ Orionis	274	36-8	36-9	37-0	37-2	37-2	37-2	S 1	56-4	56-4	56-4	56-4	56-4	56-3
2-6	2-5	$\alpha$ Columbæ	274	56-7	56-8	57-0	57-1	57-3	57-3	S 34	04-3	04-4	04-4	04-4	04-3	04-2
3-0	2-7	$\zeta$ Tauri	275	21-4	21-5	21-6	21-7	21-8	21-8	N 21	08-9	08-9	08-9	08-9	08-9	08-9
1-7	1-3	$\varepsilon$ Orionis	15 275	45-0	45-0	45-2	45-3	45-4	45-3	S 1	11-8	11-9	11-9	11-9	11-8	11-8
2-8	2-4	$\iota$ Orionis	275	57-1	57-2	57-3	57-4	57-5	57-5	S 5	54-3	54-3	54-4	54-4	54-3	54-2
2-6	2-9	$\alpha$ Leporis	276	38-7	38-8	38-9	39-1	39-2	39-2	S 17	49-0	49-1	49-1	49-1	49-0	48-9
2-2	2-0	$\delta$ Orionis	276	48-0	48-1	48-2	48-3	48-4	48-4	S 0	17-6	17-6	17-6	17-6	17-6	17-5
2-8	4-0	$\beta$ Leporis	277	46-3	46-4	46-5	46-7	46-7	46-7	S 20	45-2	45-2	45-3	45-2	45-2	45-1
1-7	1-4	$\beta$ Tauri	14 278	10-9	11-0	11-1	11-3	11-3	11-3	N 28	37-0	37-0	37-0	37-0	37-0	37-0
1-6	1-2	$\gamma$ Orionis	13 278	30-5	30-6	30-7	30-9	30-9	30-9	N 6	21-5	21-5	21-5	21-5	21-5	21-6
0-1	1-3	$\alpha$ Aurigae	12 280	32-4	32-5	32-7	32-9	33-0	32-9	N 46	00-7	00-7	00-7	00-7	00-6	00-5
0-1	0-0	$\beta$ Orionis	11 281	10-7	10-8	10-9	11-1	11-1	11-1	S 8	11-3	11-4	11-4	11-4	11-3	11-3
2-8	2-9	$\beta$ Eridani	282	50-8	50-9	51-0	51-1	51-2	51-2	S 5	04-3	04-3	04-4	04-3	04-3	04-2
2-7	5-1	$\iota$ Aurigae	285	29-9	30-0	30-2	30-3	30-4	30-3	N 33	11-2	11-3	11-3	11-2	11-2	11-2
0-9	3-1	$\alpha$ Tauri	10 290	47-9	47-9	48-1	48-2	48-2	48-2	N 16	32-2	32-2	32-2	32-1	32-1	32-2
2-9	2-5	$\varepsilon$ Persei	300	16-5	16-7	16-8	17-0	17-0	16-9	N 40	03-2	03-2	03-1	03-1	03-0	03-0
3-0	5-4	$\gamma$ Eridani	300	18-8	18-9	19-0	19-1	19-1	19-0	S 13	28-2	28-3	28-3	28-2	28-2	28-0
2-9	2-8	$\zeta$ Persei	301	13-4	13-5	13-7	13-8	13-8	13-7	N 31	55-6	55-6	55-6	55-5	55-5	55-5
2-9	2-7	$\eta$ Tauri	302	53-9	54-0	54-2	54-3	54-3	54-2	N 24	09-0	09-0	08-9	08-9	08-9	08-9
1-8	2-4	$\alpha$ Persei	9 308	38-5	38-6	38-8	39-0	39-0	38-8	N 49	54-9	54-9	54-9	54-8	54-7	54-6
Var.¶	Var.‡	$\beta$ Persei	312	42-3	42-5	42-6	42-7	42-7	42-5	N 41	00-8	00-8	00-8	00-7	00-6	00-6
2-5	5-3	$\alpha$ Ceti	8 314	13-8	13-9	14-0	14-1	14-0	13-9	N 4	08-8	08-7	08-7	08-7	08-8	08-8
3-2	3-2	$\theta$ Eridani	7 315	17-4	17-6	17-7	17-8	17-8	17-7	S 40	15-0	15-1	15-0	14-9	14-7	14-6
2-0	3-2	$\alpha$ Ursæ Minoris	317	05-0	17-7	29-3	36-1	35-2	27-4	N 89	19-9	19-9	19-9	19-7	19-6	19-5
3-0	3-2	$\beta$ Trianguli	327	23-1	23-2	23-3	23-4	23-3	23-1	N 35	03-6	03-5	03-5	03-4	03-3	03-3
2-0	3-8	$\alpha$ Arietis	6 327	59-4	59-5	59-6	59-7	59-6	59-4	N 23	32-0	32-0	31-9	31-9	31-9	31-9
2-3	3-8	$\gamma$ Andromedæ	328	47-3	47-4	47-6	47-6	47-5	47-3	N 42	24-2	24-2	24-1	24-0	23-9	23-9
2-9	3-4	$\alpha$ Hydri	330	11-5	11-8	12-0	12-1	12-1	11-8	S 61	30-2	30-2	30-1	29-9	29-7	29-5
2-6	2-8	$\beta$ Arietis	331	07-7	07-8	07-9	07-9	07-9	07-7	N 20	52-9	52-8	52-8	52-8	52-8	52-8
0-5	0-1	$\alpha$ Eridani	5 335	26-1	26-3	26-5	26-5	26-5	26-2	S 57	10-0	10-0	09-8	09-7	09-5	09-3
2-7	2-8	$\delta$ Cassiopeïæ	338	17-5	17-7	17-9	17-9	17-8	17-4	N 60	19-0	19-0	18-9	18-7	18-6	18-6
2-1	4-6	$\beta$ Andromedæ	342	21-2	21-3	21-4	21-4	21-2	21-0	N 35	42-1	42-1	42-0	41-9	41-9	41-9
Var.	Var.§	$\gamma$ Cassiopeïæ	345	35-3	35-6	35-7	35-7	35-5	35-1	N 60	48-1	48-1	47-9	47-8	47-7	47-7
2-0	3-6	$\beta$ Ceti	4 348	54-9	55-0	55-0	55-0	54-9	54-7	S 17	54-4	54-4	54-4	54-3	54-2	54-1
2-2	4-1	$\alpha$ Cassiopeïæ	3 349	39-3	39-5	39-6	39-5	39-3	39-0	N 56	37-4	37-4	37-2	37-1	37-0	37-0
2-4	3-9	$\alpha$ Phœnicis	2 353	14-8	14-9	15-0	15-0	14-8	14-5	S 42	13-7	13-7	13-6	13-4	13-3	13-1
2-8	3-7	$\beta$ Hydri	353	23-2	23-8	24-0	23-9	23-6	22-9	S 77	10-5	10-4	10-2	10-0	09-9	09-7
2-8	2-4	$\gamma$ Pegasi	356	29-8	29-9	29-9	29-9	29-7	29-5	N 15	16-1	16-0	16-0	16-0	16-0	16-1
2-3	2-8	$\beta$ Cassiopeïæ	357	30-0	30-3	30-3	30-3	30-0	29-6	N 59	14-2	14-1	14-0	13-9	13-8	13-8
2-1	1-8	$\alpha$ Andromedæ	1 357	42-4	42-5	42-6	42-5	42-3	42-1	N 29	10-5	10-5	10-4	10-3	10-3	10-4

\* 0-1 — 1-2 † 2-5 — 3-6 ¶ 2-1 — 3-4 ‡ 1-9 — 3-2 || Irregular variable; 2013 mag. 2-1 § 2013 mag. 1-6

Magnitude		Name and Number	SHA							Declination						
Vis.	S-4			JULY	AUG.	SEPT.	OCT.	NOV.	DEC.		JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1-6	1-4	<i>Castor</i>	246	06-6	06-5	06-3	06-0	05-8	05-5	N 31	51-1	51-0	51-0	50-9	50-9	50-9
3-3	5-5	$\sigma$ Puppis	247	34-5	34-4	34-2	34-0	33-7	33-5	S 43	20-1	20-0	19-9	19-9	19-9	20-1
2-9	3-0	$\beta$ Canis Minoris	247	60-4	60-3	60-1	59-9	59-7	59-5	N 8	15-3	15-3	15-4	15-3	15-3	15-2
2-4	2-2	$\eta$ Canis Majoris	248	49-7	49-6	49-4	49-2	48-9	48-7	S 29	20-2	20-0	20-0	20-0	20-0	20-2
2-7	4-9	$\pi$ Puppis	250	35-0	34-9	34-7	34-4	34-2	34-0	S 37	07-7	07-5	07-4	07-4	07-5	07-7
1-8	3-1	<i>Wezen</i>	252	45-0	44-8	44-7	44-4	44-2	44-0	S 26	25-2	25-1	25-0	25-0	25-1	25-2
3-0	2-7	$o$ Canis Majoris	254	05-2	05-1	04-9	04-7	04-5	04-3	S 23	51-5	51-4	51-3	51-3	51-4	51-5
1-5	1-2	<i>Adhara</i>	19 255	11-8	11-7	11-5	11-2	11-0	10-8	S 28	59-7	59-6	59-5	59-5	59-6	59-8
2-9	4-8	$\tau$ Puppis	257	25-6	25-5	25-2	25-0	24-7	24-5	S 50	38-1	38-0	37-9	37-9	38-0	38-1
-1-5	-1-5	<i>Sirius</i>	18 258	32-8	32-7	32-5	32-3	32-1	31-9	S 16	44-4	44-3	44-2	44-3	44-3	44-5
1-9	1-8	<i>Alhena</i>	260	21-2	21-0	20-8	20-6	20-4	20-2	N 16	22-9	23-0	23-0	23-0	22-9	22-9
-0-7	-0-8	<i>Canopus</i>	17 263	56-0	55-9	55-6	55-3	55-0	54-8	S 52	42-3	42-2	42-1	42-1	42-2	42-4
2-0	1-5	<i>Mirzam</i>	264	09-5	09-4	09-2	09-0	08-8	08-6	S 17	58-0	57-9	57-8	57-8	57-9	58-0
2-6	2-5	$\theta$ Aurigæ	269	48-6	48-4	48-2	47-9	47-6	47-5	N 37	12-5	12-5	12-5	12-5	12-5	12-6
1-9	1-9	<i>Menkalinan</i>	269	50-4	50-1	49-8	49-5	49-3	49-1	N 44	56-6	56-6	56-6	56-6	56-6	56-7
Var.*	Var.†	<i>Betelgeuse</i>	16 270	60-1	59-9	59-7	59-5	59-3	59-1	N 7	24-4	24-4	24-5	24-5	24-4	24-4
2-1	1-8	$\kappa$ Orionis	272	52-9	52-7	52-5	52-3	52-1	52-0	S 9	40-0	39-9	39-9	39-9	40-0	40-0
1-9	1-6	<i>Alnitak</i>	274	37-1	36-9	36-7	36-5	36-3	36-2	S 1	56-2	56-2	56-1	56-1	56-2	56-3
2-6	2-5	<i>Phact</i>	274	57-2	57-0	56-7	56-5	56-3	56-2	S 34	04-0	03-9	03-9	03-9	04-0	04-1
3-0	2-7	$\zeta$ Tauri	275	21-7	21-5	21-2	21-0	20-8	20-7	N 21	08-9	08-9	08-9	08-9	08-9	08-9
1-7	1-3	<i>Alnilam</i>	15 275	45-2	45-0	44-8	44-6	44-4	44-3	S 1	11-7	11-6	11-6	11-6	11-6	11-7
2-8	2-4	$\iota$ Orionis	275	57-4	57-2	57-0	56-8	56-6	56-5	S 5	54-1	54-1	54-0	54-0	54-1	54-2
2-6	2-9	$\alpha$ Leporis	276	39-0	38-9	38-7	38-4	38-3	38-1	S 17	48-8	48-7	48-6	48-7	48-7	48-9
2-2	2-0	$\delta$ Orionis	276	48-2	48-1	47-9	47-6	47-5	47-3	S 0	17-4	17-4	17-3	17-3	17-4	17-5
2-8	4-0	$\beta$ Leporis	277	46-6	46-4	46-2	46-0	45-8	45-7	S 20	44-9	44-8	44-8	44-8	44-9	45-0
1-7	1-4	<i>Elnath</i>	14 278	11-1	10-9	10-7	10-5	10-2	10-1	N 28	37-0	37-0	37-0	37-0	37-0	37-0
1-6	1-2	<i>Bellatrix</i>	13 278	30-8	30-6	30-4	30-2	30-0	29-9	N 6	21-6	21-7	21-7	21-7	21-7	21-6
0-1	1-3	<i>Capella</i>	12 280	32-7	32-5	32-2	31-9	31-6	31-4	N 46	00-5	00-5	00-5	00-5	00-5	00-6
0-1	0-0	<i>Rigel</i>	11 281	11-0	10-8	10-6	10-4	10-2	10-1	S 8	11-2	11-1	11-0	11-1	11-1	11-2
2-8	2-9	$\beta$ Eridani	282	51-0	50-8	50-6	50-4	50-3	50-2	S 5	04-1	04-1	04-0	04-0	04-1	04-2
2-7	5-1	$\iota$ Aurigæ	285	30-1	29-9	29-6	29-4	29-2	29-1	N 33	11-1	11-2	11-2	11-2	11-2	11-3
0-9	3-1	<i>Aldebaran</i>	10 290	48-0	47-8	47-5	47-3	47-2	47-1	N 16	32-2	32-2	32-3	32-3	32-3	32-3
2-9	2-5	$\epsilon$ Persei	300	16-6	16-4	16-1	15-9	15-7	15-6	N 40	03-0	03-0	03-1	03-1	03-2	03-3
3-0	5-4	$\gamma$ Eridani	300	18-9	18-7	18-4	18-3	18-1	18-1	S 13	27-9	27-8	27-8	27-8	27-9	28-0
2-9	2-8	$\zeta$ Persei	301	13-5	13-2	13-0	12-7	12-6	12-5	N 31	55-5	55-5	55-6	55-6	55-7	55-7
2-9	2-7	<i>Alcyone</i>	302	54-0	53-7	53-5	53-3	53-2	53-1	N 24	08-9	09-0	09-0	09-1	09-1	09-1
1-8	2-4	<i>Mirfak</i>	9 308	38-5	38-2	37-9	37-6	37-4	37-4	N 49	54-6	54-6	54-7	54-8	54-9	55-0
Var.¶	Var.‡	<i>Algol</i>	312	42-3	42-0	41-7	41-5	41-4	41-4	N 41	00-6	00-7	00-7	00-8	00-9	01-0
2-5	5-3	<i>Menkar</i>	8 314	13-7	13-5	13-3	13-1	13-0	13-0	N 4	08-9	09-0	09-0	09-1	09-0	09-0
3-2	3-2	<i>Acamar</i>	7 315	17-5	17-2	17-0	16-8	16-7	16-8	S 40	14-4	14-4	14-4	14-5	14-6	14-7
2-0	3-2	<i>Polaris</i>	316	74-6	60-0	46-6	36-9	32-6	36-5	N 89	19-4	19-4	19-5	19-7	19-8	20-0
3-0	3-2	$\beta$ Trianguli	327	22-8	22-6	22-4	22-2	22-2	22-2	N 35	03-4	03-5	03-6	03-7	03-7	03-8
2-0	3-8	<i>Hamal</i>	6 327	59-2	58-9	58-7	58-6	58-6	58-6	N 23	32-0	32-0	32-1	32-2	32-2	32-3
2-3	3-8	<i>Almak</i>	328	47-0	46-7	46-5	46-4	46-3	46-3	N 42	24-0	24-0	24-2	24-3	24-4	24-4
2-9	3-4	$\alpha$ Hydri	330	11-5	11-1	10-7	10-6	10-6	10-8	S 61	29-4	29-4	29-5	29-6	29-8	29-9
2-6	2-8	<i>Sheratan</i>	331	07-4	07-2	07-0	06-9	06-9	06-9	N 20	52-9	53-0	53-0	53-1	53-1	53-2
0-5	0-1	<i>Achernar</i>	5 335	25-9	25-5	25-3	25-1	25-2	25-3	S 57	09-2	09-2	09-3	09-4	09-6	09-7
2-7	2-8	<i>Ruchbah</i>	338	17-0	16-6	16-4	16-2	16-2	16-3	N 60	18-6	18-7	18-9	19-0	19-2	19-3
2-1	4-6	<i>Mirach</i>	342	20-7	20-5	20-3	20-2	20-2	20-3	N 35	42-0	42-1	42-2	42-3	42-4	42-4
Var.	Var.§	$\gamma$ Cassiopeia	345	34-7	34-4	34-1	34-0	34-1	34-2	N 60	47-7	47-9	48-0	48-2	48-3	48-4
2-0	3-6	<i>Diphda</i>	4 348	54-4	54-2	54-1	54-0	54-0	54-1	S 17	54-0	53-9	53-9	54-0	54-0	54-1
2-2	4-1	<i>Schedar</i>	3 349	38-6	38-3	38-1	38-1	38-1	38-3	N 56	37-1	37-2	37-4	37-5	37-6	37-7
2-4	3-9	<i>Ankaa</i>	2 353	14-3	14-0	13-9	13-8	13-9	14-0	S 42	13-0	13-0	13-1	13-2	13-3	13-4
2-8	3-7	$\beta$ Hydri	353	22-1	21-4	20-9	20-9	21-3	21-9	S 77	09-7	09-7	09-9	10-0	10-2	10-2
2-8	2-4	<i>Atgenib</i>	356	29-3	29-1	28-9	28-9	28-9	29-0	N 15	16-2	16-3	16-4	16-4	16-4	16-4
2-3	2-8	<i>Caph</i>	357	29-2	28-9	28-8	28-7	28-9	29-1	N 59	13-9	14-0	14-2	14-4	14-5	14-5
2-1	1-8	<i>Alpheratz</i>	1 357	41-8	41-6	41-5	41-5	41-5	41-6	N 29	10-5	10-6	10-7	10-8	10-9	10-9

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