

**URSA MAJOR**

r. asc. decl.  
 A 11:04 62° Dubhe  
 B 11:02 56°  
 C 11:54 54°  
 D 12:15 57°  
 E 12:54 56°  
 F 13:24 55°  
 G 13:48 49°  
 A-B-C-D-A, D-E-F-G

**CASSIOPEIA**

r. asc. decl.  
 O 0:09 59°  
 P 0:41 57° Schedir  
 Q 0:57 61°  
 R 1:26 60°  
 S 1:54 64°  
 O-P-Q-R-S

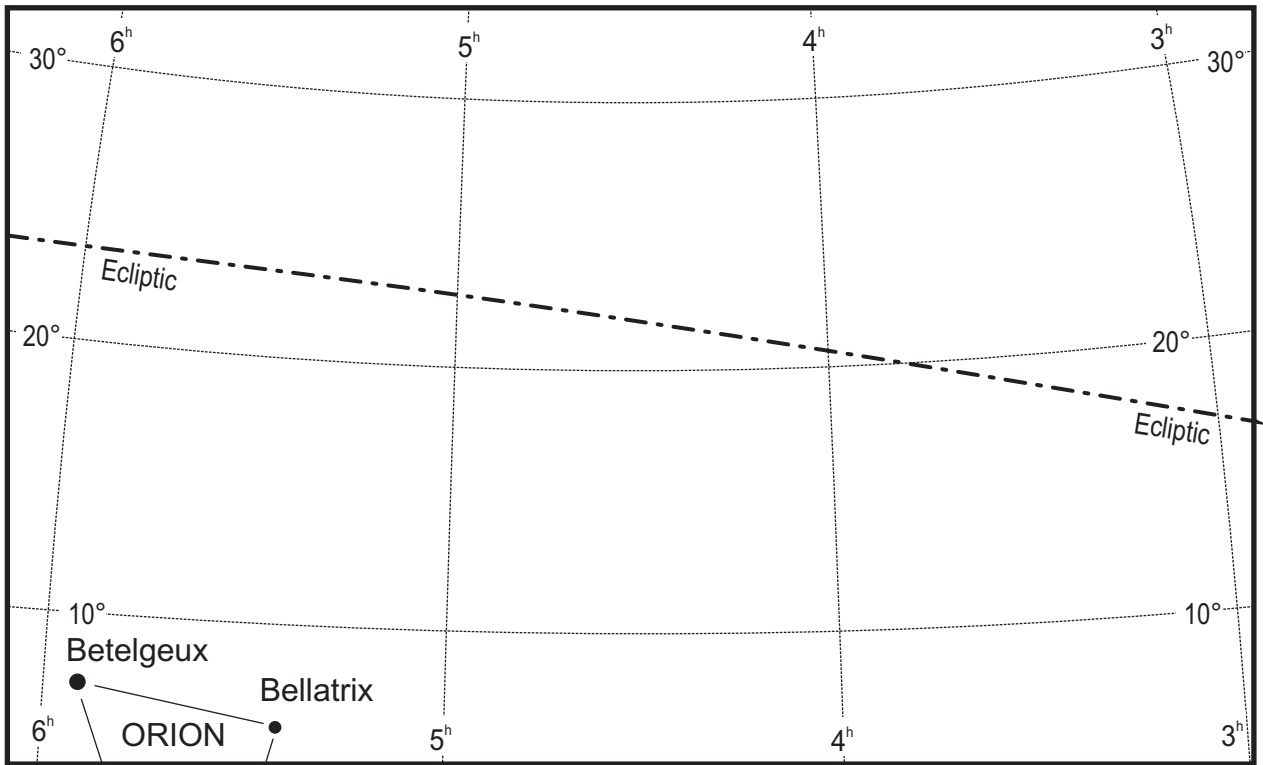
**URSA MINOR**

r. asc. decl.  
 H 14:51 74° Kochab  
 I 15:21 72°  
 J 16:18 76°  
 K 15:44 78°  
 L 16:46 82°  
 M 17:32 87°  
 N 2:32 89° Polaris  
 K-H-I-J-K-L-M-N

**DRACO**

r. asc. decl.  
 a 9:37 81°  
 b 10:35 76°  
 c 12:35 70°  
 d 14:04 64°  
 e 15:24 59°  
 f 16:01 59°  
 g 16:24 62°  
 h 17:08 66°  
 i 18:21 73°  
 j 19:16 73°  
 k 19:48 70°  
 l 19:13 68°  
 m 17:54 57°  
 n 17:57 51°  
 o 17:30 52°  
 a-b-c-d-e-f-g-h-i-j-k-l-m-n-o-m

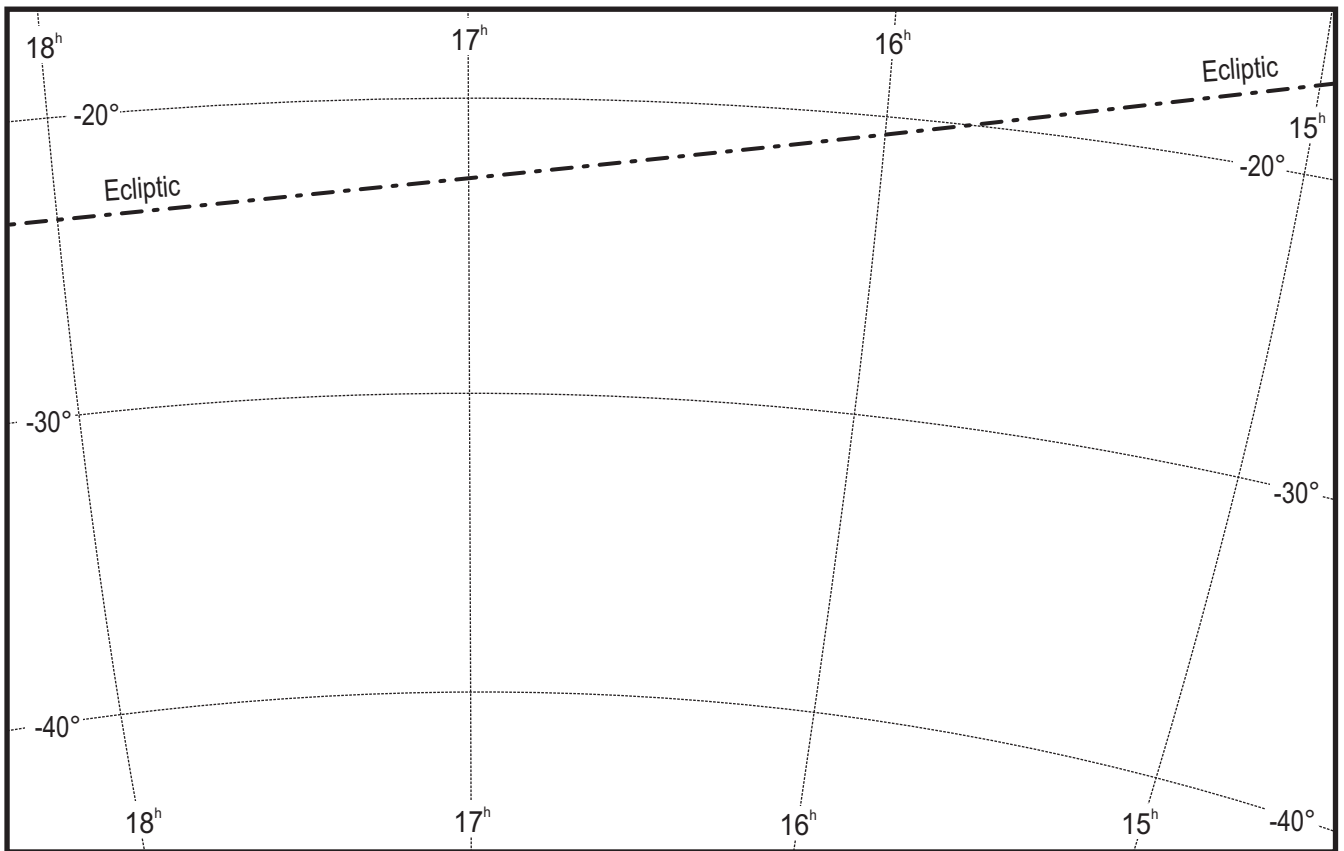
# TAURUS



	r.	asc.	decl.	
<b>A</b>	<b>4:36</b>	<b>17°</b>	<b>Aldebaran</b>	
B	4:28	16°		
C	4:20	16°		
D	4:23	18°		
E	4:29	19°		
F	5:26	29°		
G	5:38	21°		
H	3:46	24°	<b>Plejades</b>	
I	4:01	12°		
J	3:27	10°		

Lines:  
A-B-C-D-E-A Hyades

# SCORPIUS



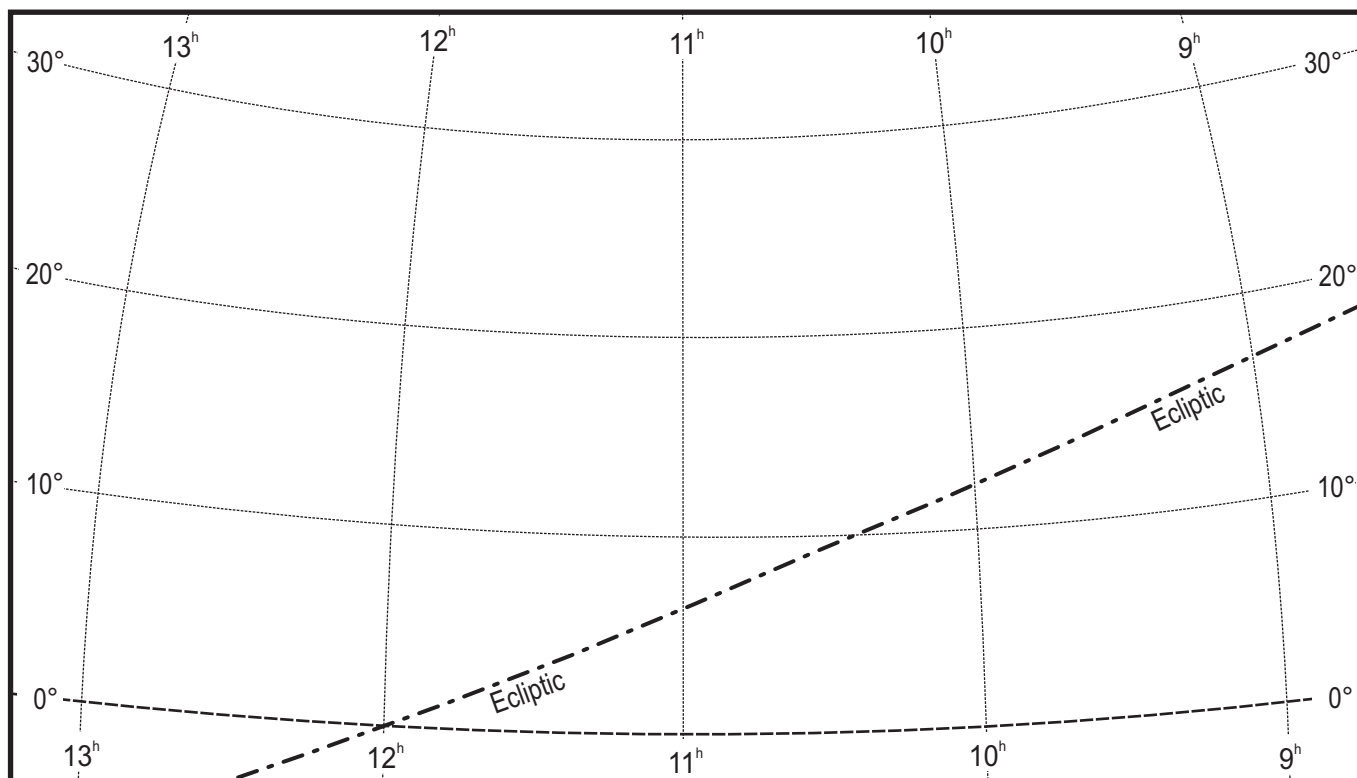
	r. asc.	decl.	
<b>A</b>	<b>16:29</b>	<b>-26°</b>	<b>Antares</b>
B	16:05	-20°	
C	16:00	-23°	
D	15:59	-26°	
E	15:57	-29°	
F	16:21	-26°	
G	16:36	-28°	
H	16:50	-34°	
I	16:52	-38°	
J	16:54	-42°	
K	17:12	-43°	
L	17:37	-43°	
M	17:42	-39°	
N	17:34	-37°	

Lines:

A-F, F-B, F-C, F-D, F-E

A-G-H-I-J-K-L-M-N

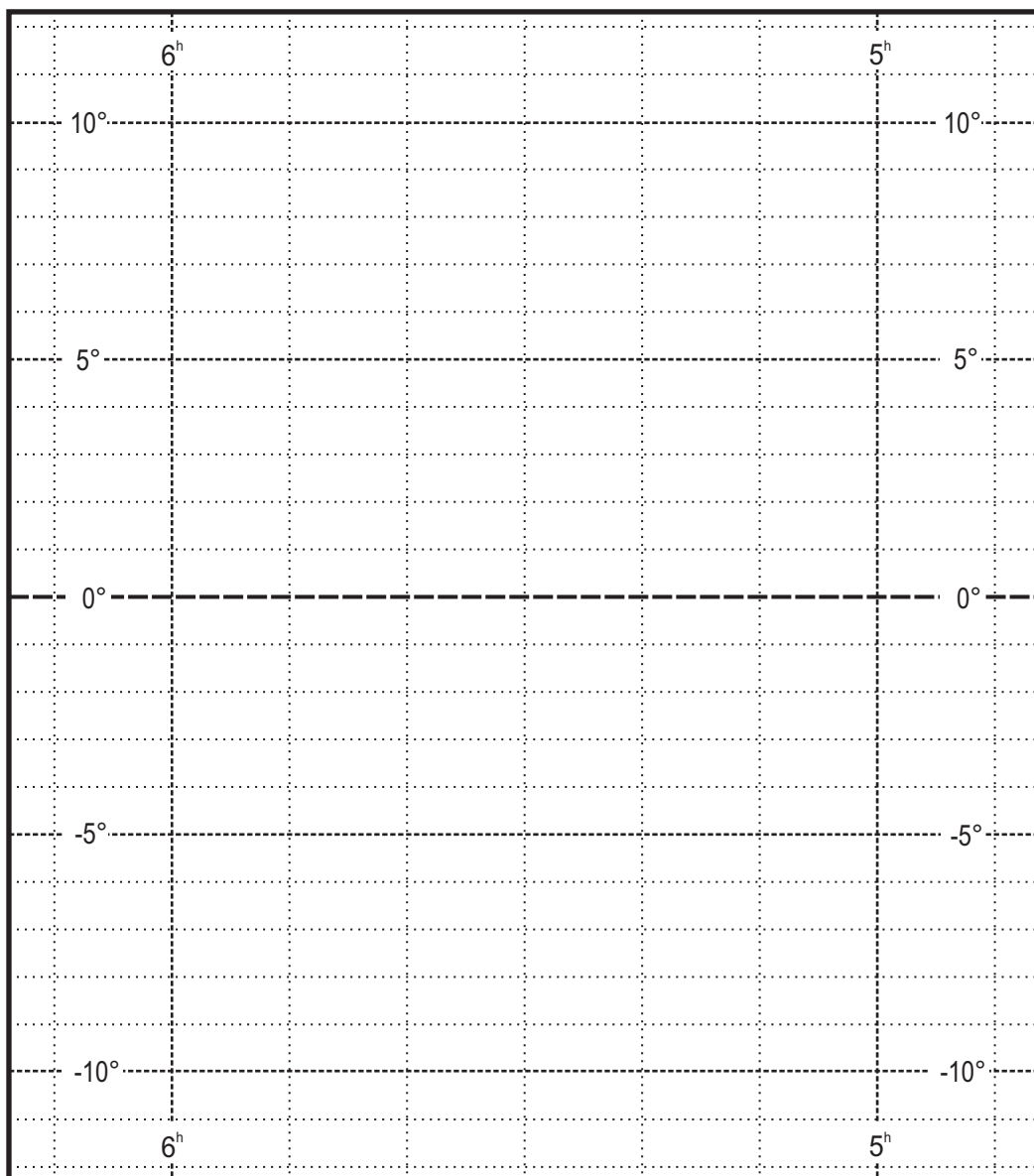
# LEO



	r. asc.	decl.	
<b>A</b>	<b>10:08</b>	<b>12°</b>	<b>Regulus</b>
B	10:07	17°	
C	10:20	20°	
D	11:14	21°	
E	11:49	15°	<b>Denebola</b>
F	11:14	15°	
G	10:17	24°	
H	9:53	26°	
I	9:46	24°	

Lines:  
A-B-C-D-E-F-A

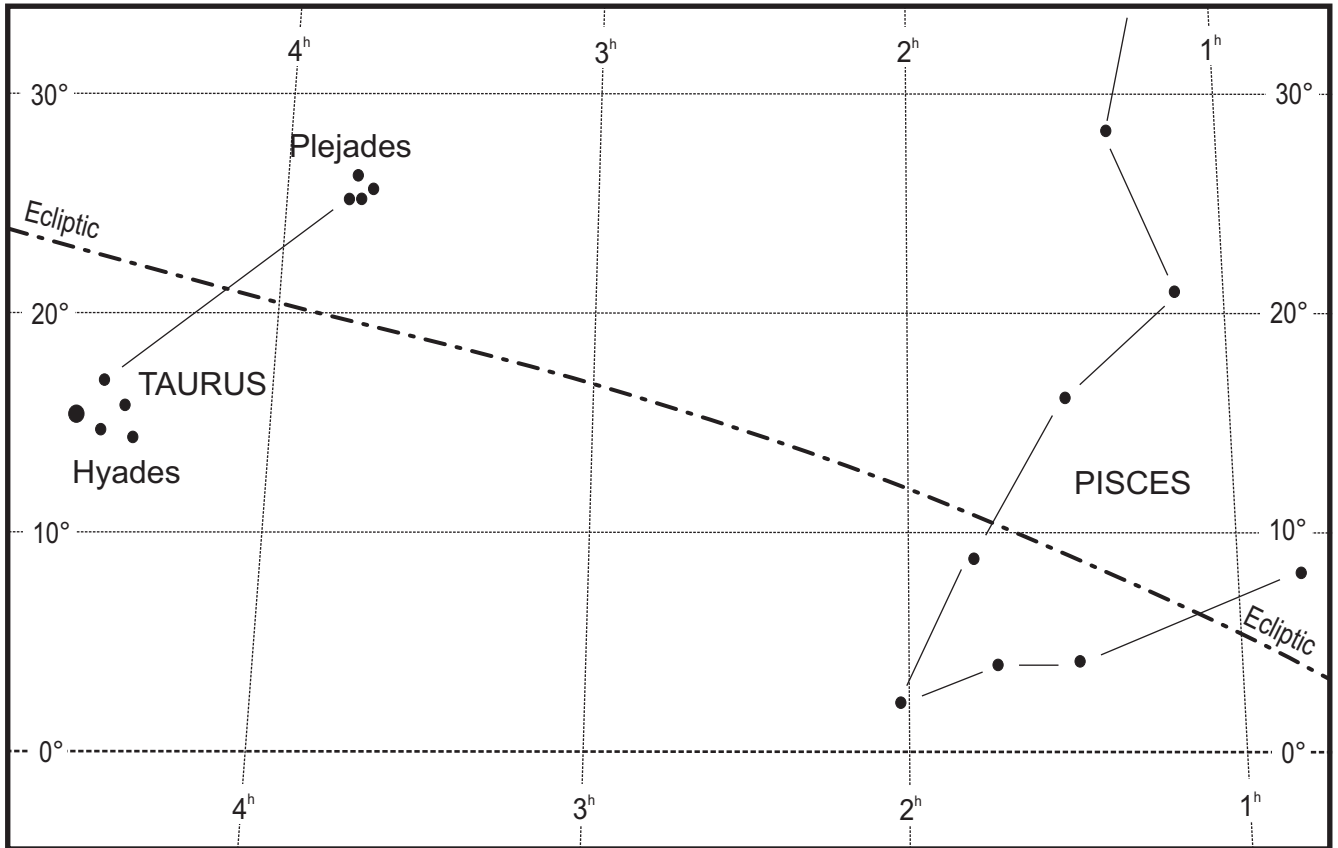
# ORION



	r. asc.	decl.	
<b>A</b>	<b>5:55</b>	<b>+7.4°</b>	<b>Betelgeux</b>
<b>B</b>	<b>5:48</b>	<b>- 9.7°</b>	
<b>C</b>	<b>5:15</b>	<b>- 8.2°</b>	<b>Rigel</b>
<b>D</b>	<b>5:25</b>	<b>+6.3°</b>	<b>Bellatrix</b>
<b>E</b>	<b>5:32</b>	<b>- 0.3°</b>	
<b>F</b>	<b>5:36</b>	<b>- 1.2°</b>	
<b>G</b>	<b>5:41</b>	<b>- 2.0°</b>	
<b>H</b>	<b>5:35</b>	<b>- 5.9°</b>	

Lines: A-G-B, D-E-C, E-F-G,  
F-H

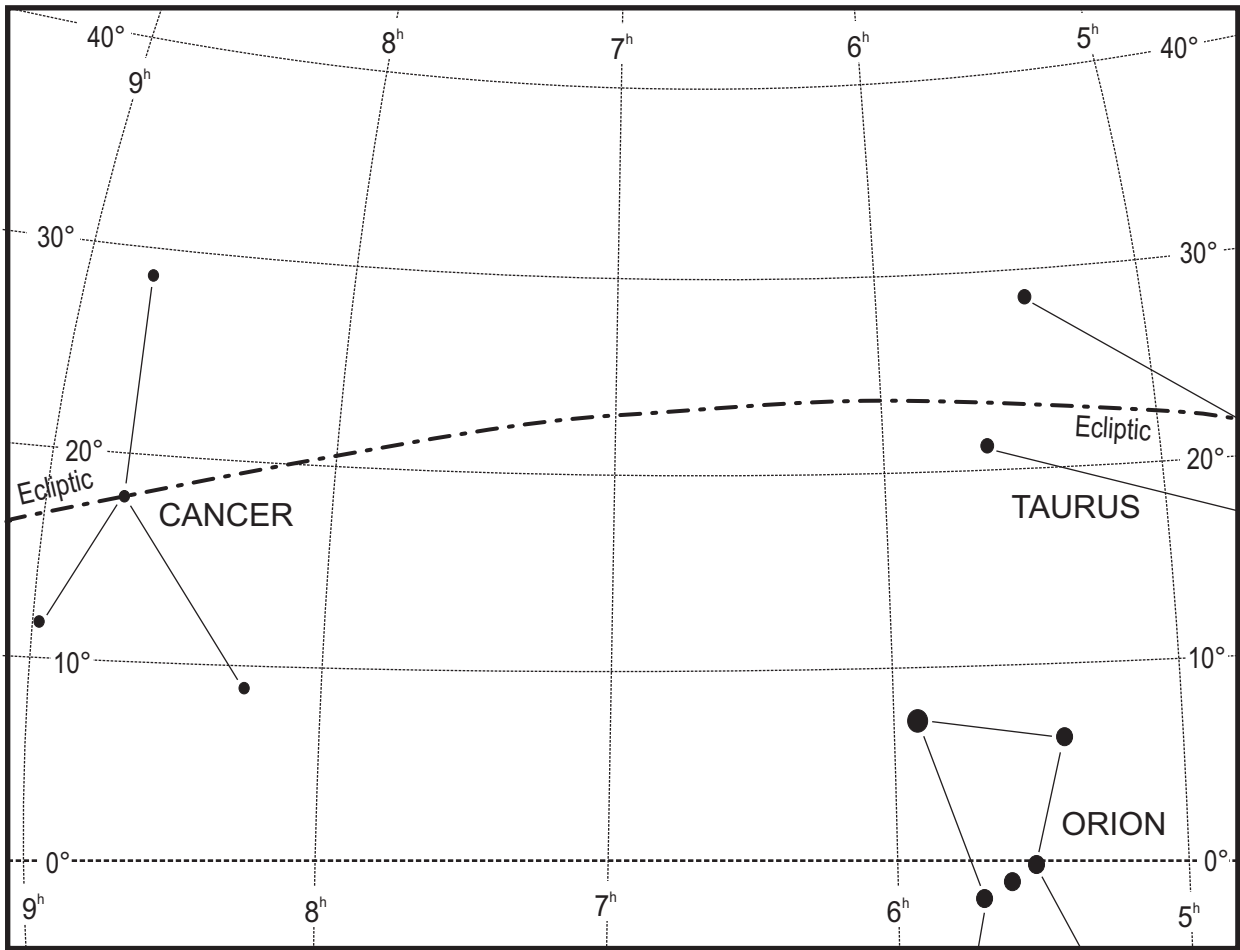
# ARIES



	r. asc.	decl.	
A	2:50	27°	
<b>B</b>	<b>2:07</b>	<b>23°</b>	<b>Hamal</b>
C	1:55	21°	
D	1:53	19°	

Line: A-B-C-D

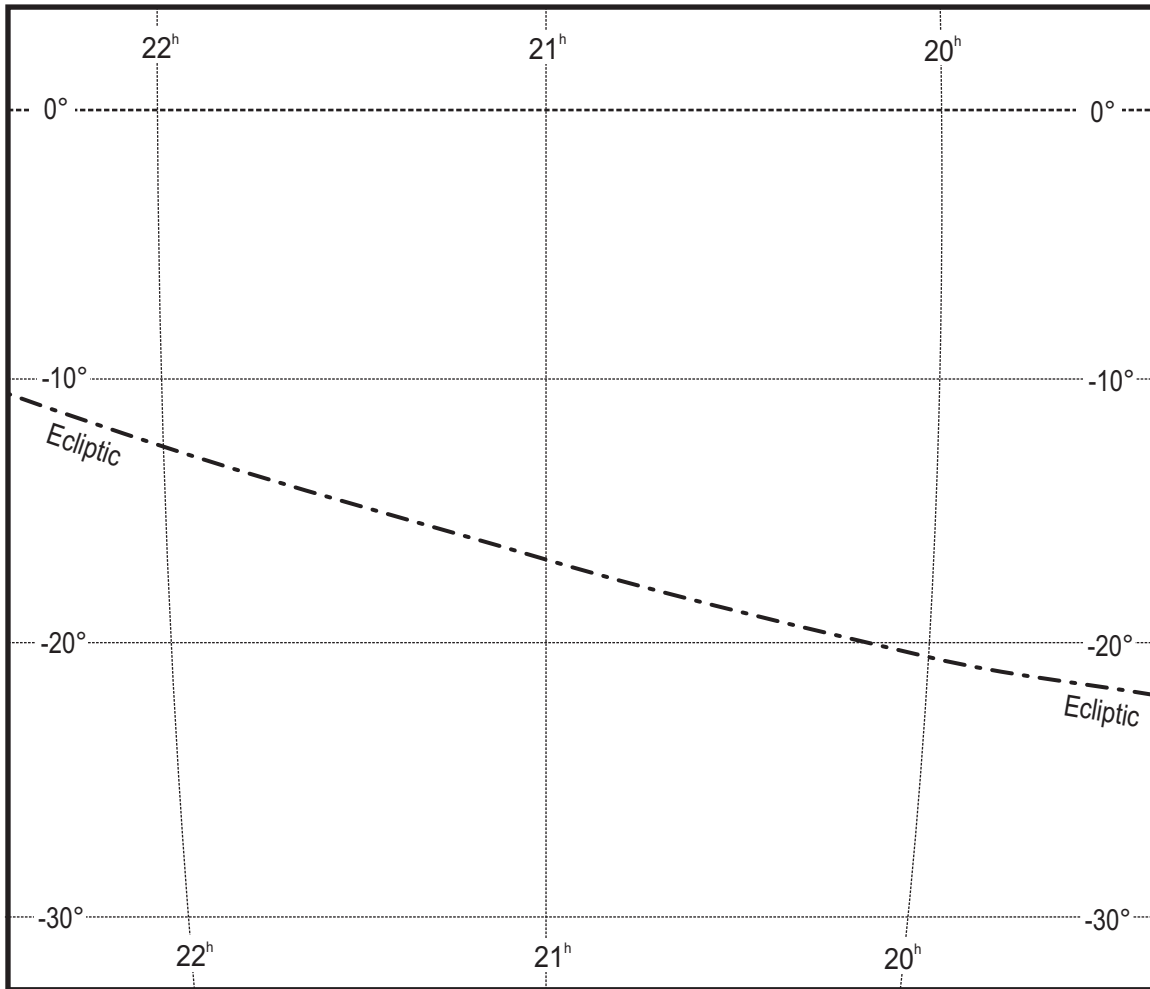
# GEMINI



	r. asc.	decl.	
A	6:38	16°	
B	7:04	21°	
C	7:20	22°	
D	7:44	24°	
E	<b>7:45</b>	<b>28°</b>	<b>Pollux</b>
F	<b>7:35</b>	<b>32°</b>	<b>Castor</b>
G	7:25	28°	
H	6:44	25°	
I	6:23	23°	
J	6:15	23°	

Line: A-B-C-D-E-F-G-H-I-J

# CAPRICORNUS



	r. asc.	decl.	
<b>A</b>	<b>21:47</b>	<b>-16°</b>	<b>Algiedi</b>
B	21:27	-22°	
C	21:07	-25°	
D	20:52	-27°	
E	20:46	-25°	
F	20:27	-18°	
G	20:21	-15°	
H	20:18	-13°	
I	21:22	-17°	

Line: A-B-C-D-E-F-G-H-I-A