superlight.fr

ATLAS

van de sterrenhemel

Legenda



Magnitude van de sterren

Dubbelster · Veranderlijke ster (max. en min.) · Radiant van een meteorenzwerm

Sterrenbeeldfiguur · Ecliptica · Baan (1 januari)

Sterrenstelsel · Open sterrenhoop · Bolvormige sterrenhoop

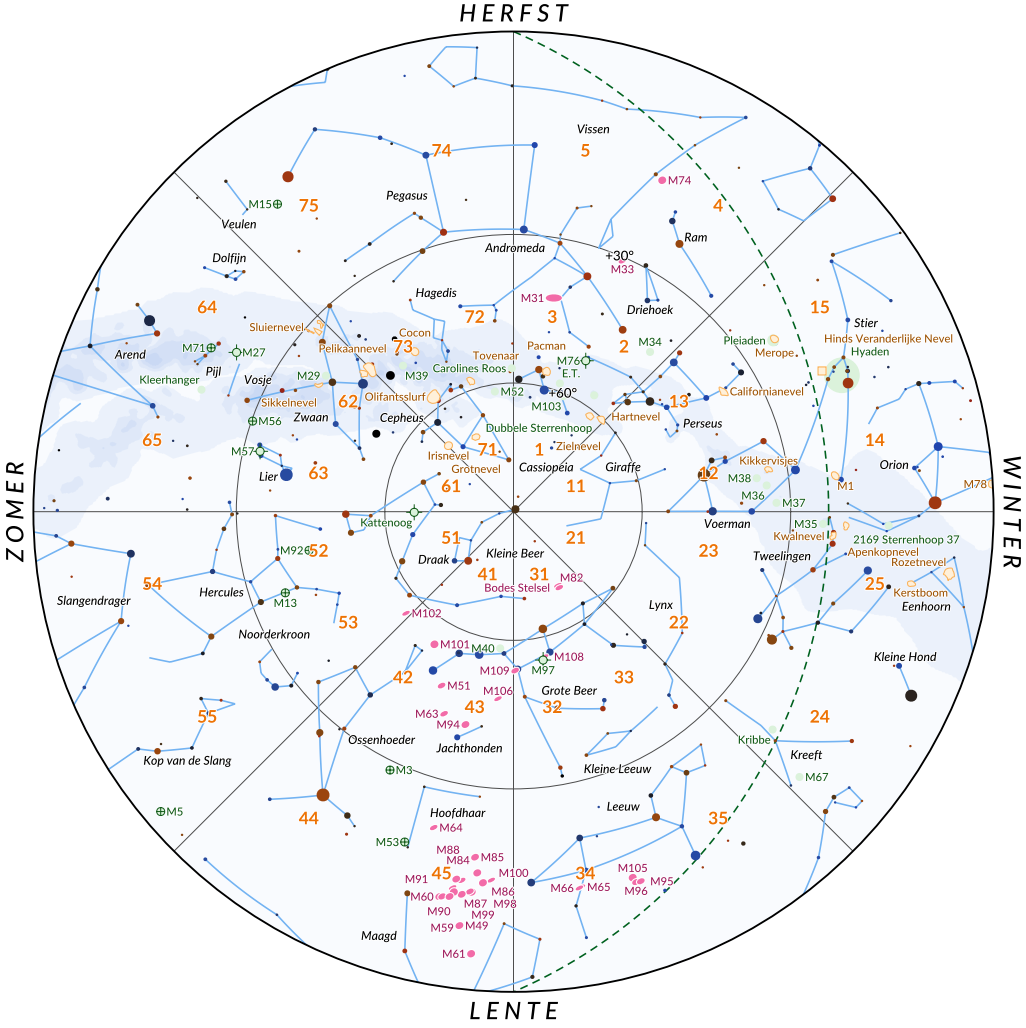
Nevel · Donkere nevel · Planetaire nevel

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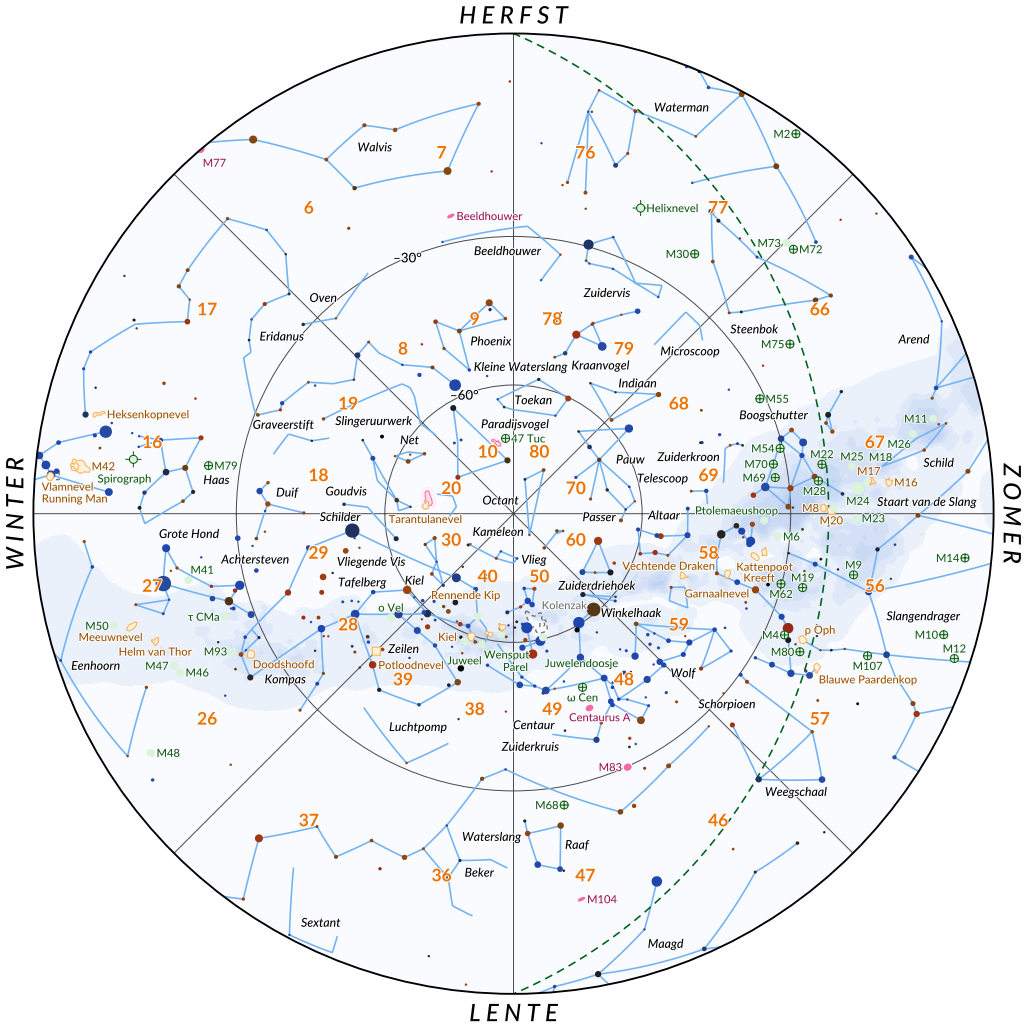
Bronnen: Hipparcos (van Leeuwen 2007), SAO, CDS/SIMBAD, CDS/VizieR, Wikidata, IAU/Sky & Telescope, ESO/S. Brunier, WHAM, WISE (NASA/JPL-Caltech/UCLA), IRAS/IRIS, GALEX, Pan-STARRS1, T.A. Rector (NOIRLab/NSF/AURA), Schlegel, Finkbeiner & Davis (1998), d3-celestial (O. Frohn).

Bijgewerkt op 13 november 2026

Noordelijk halfrond van de hemel



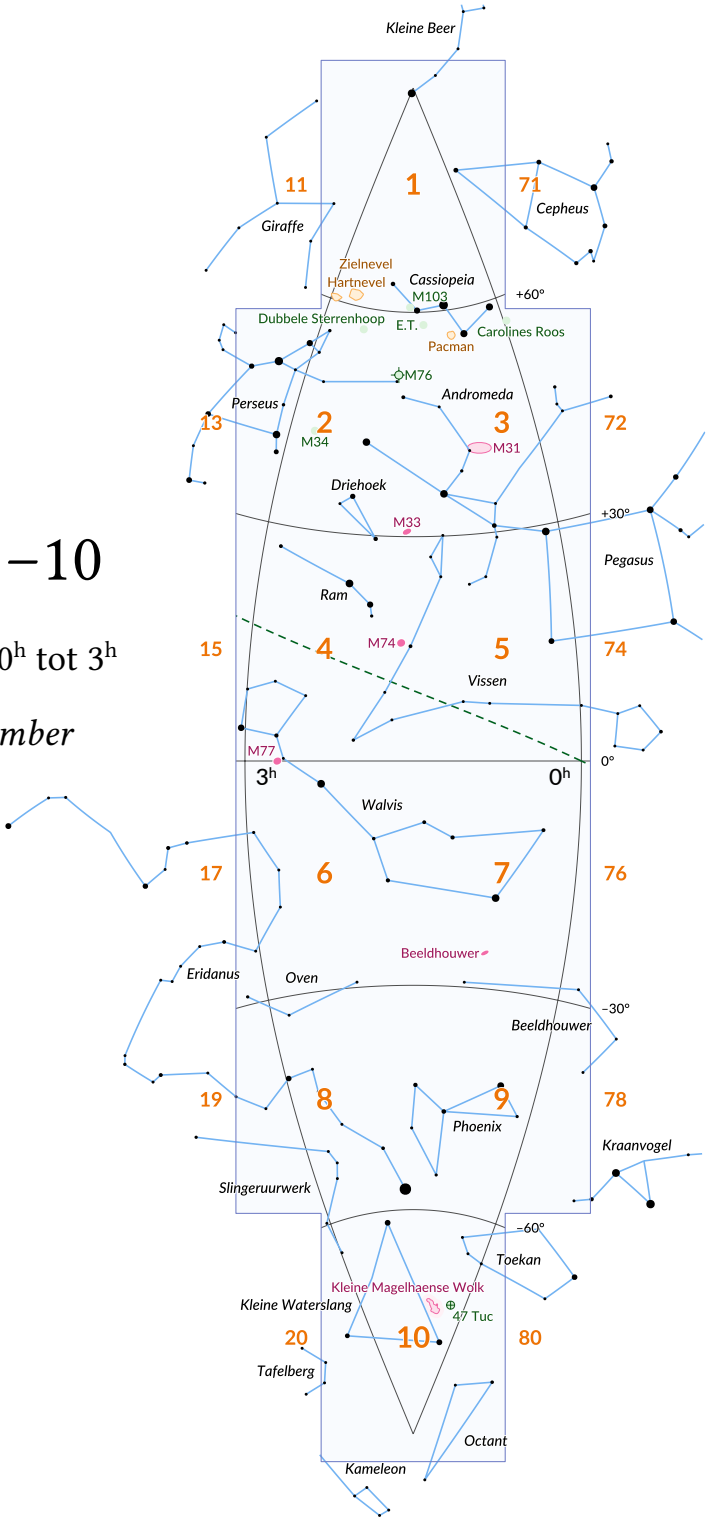
Zuidelijk halfrond van de hemel

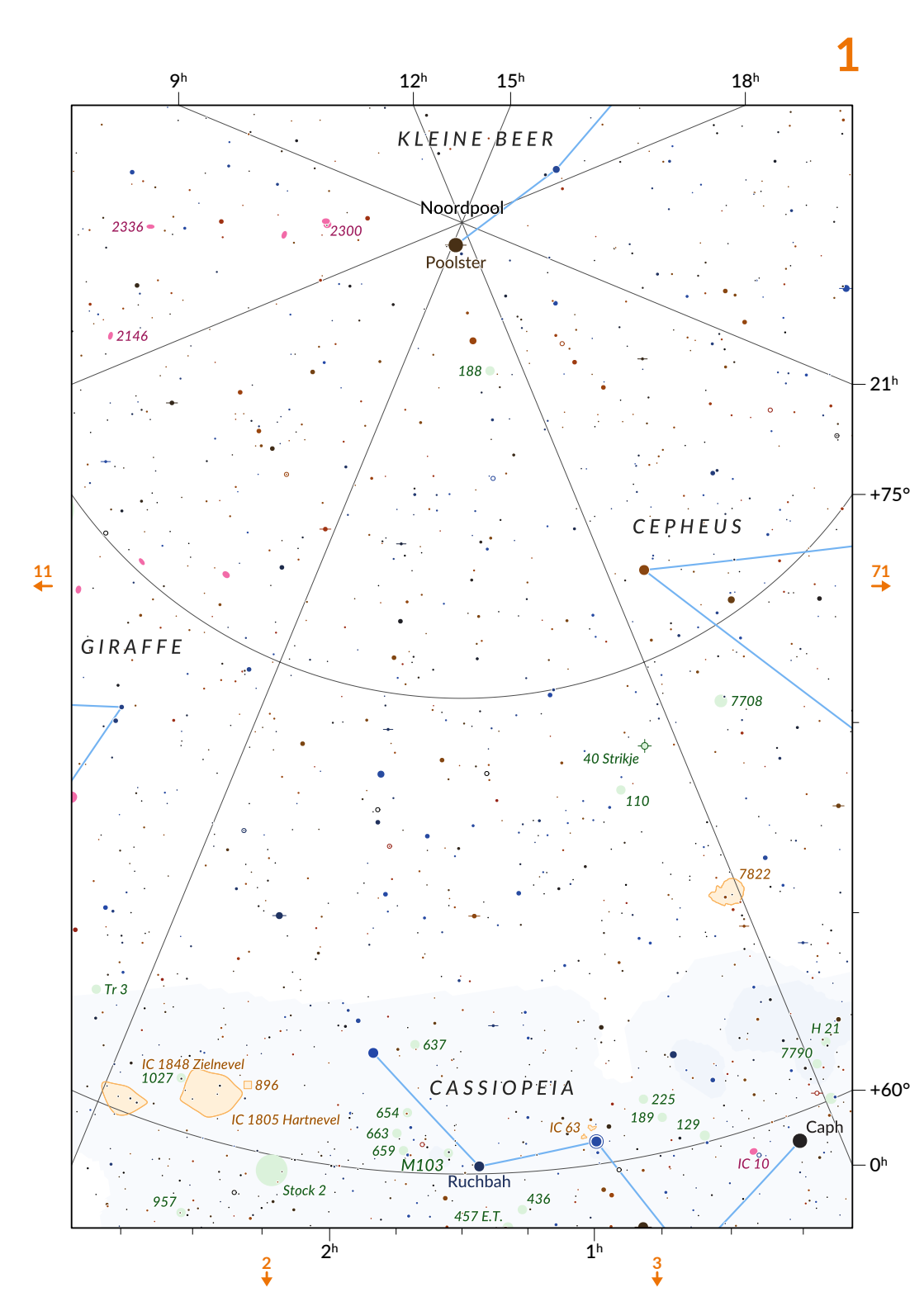


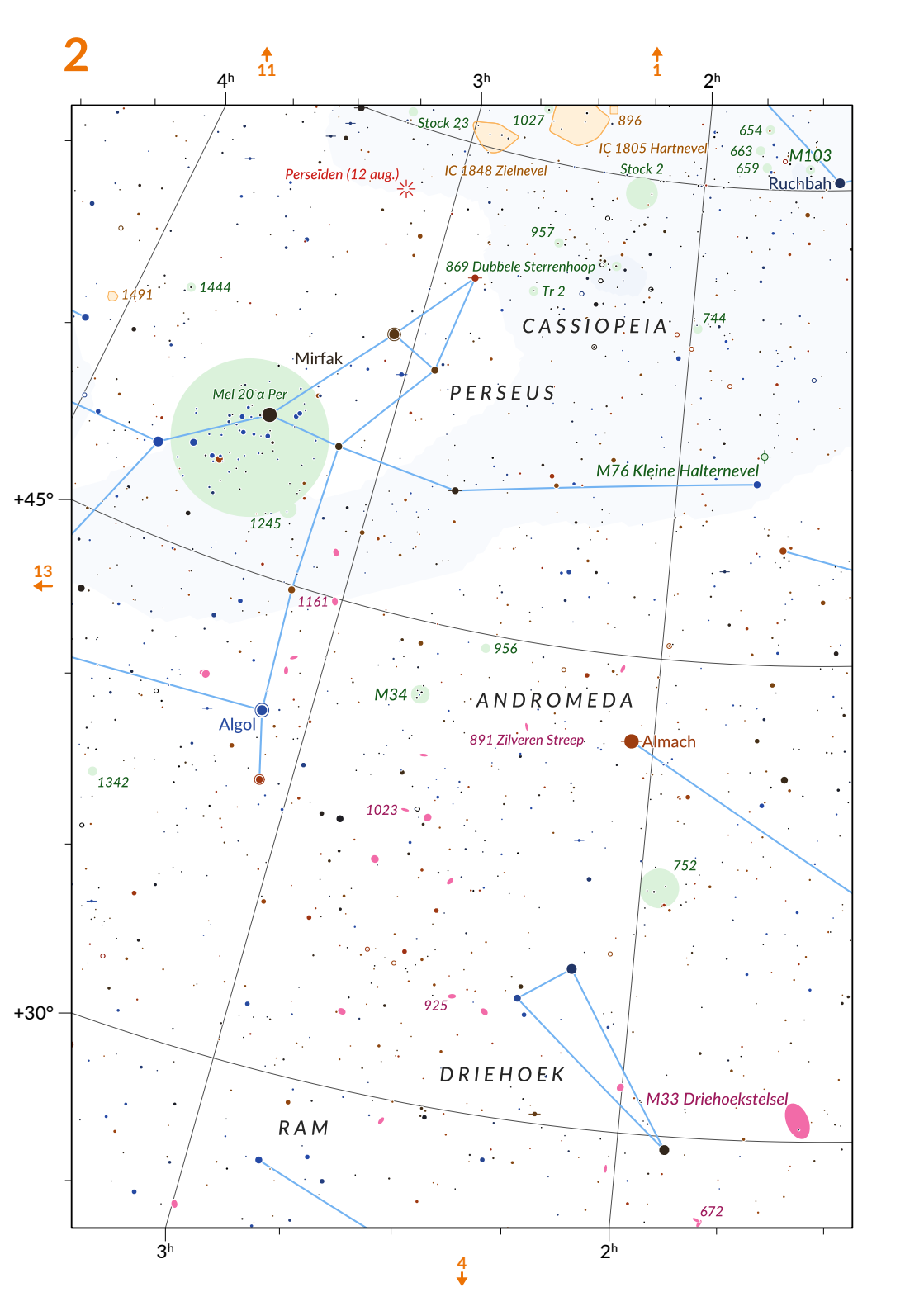
Kaarten 1–10

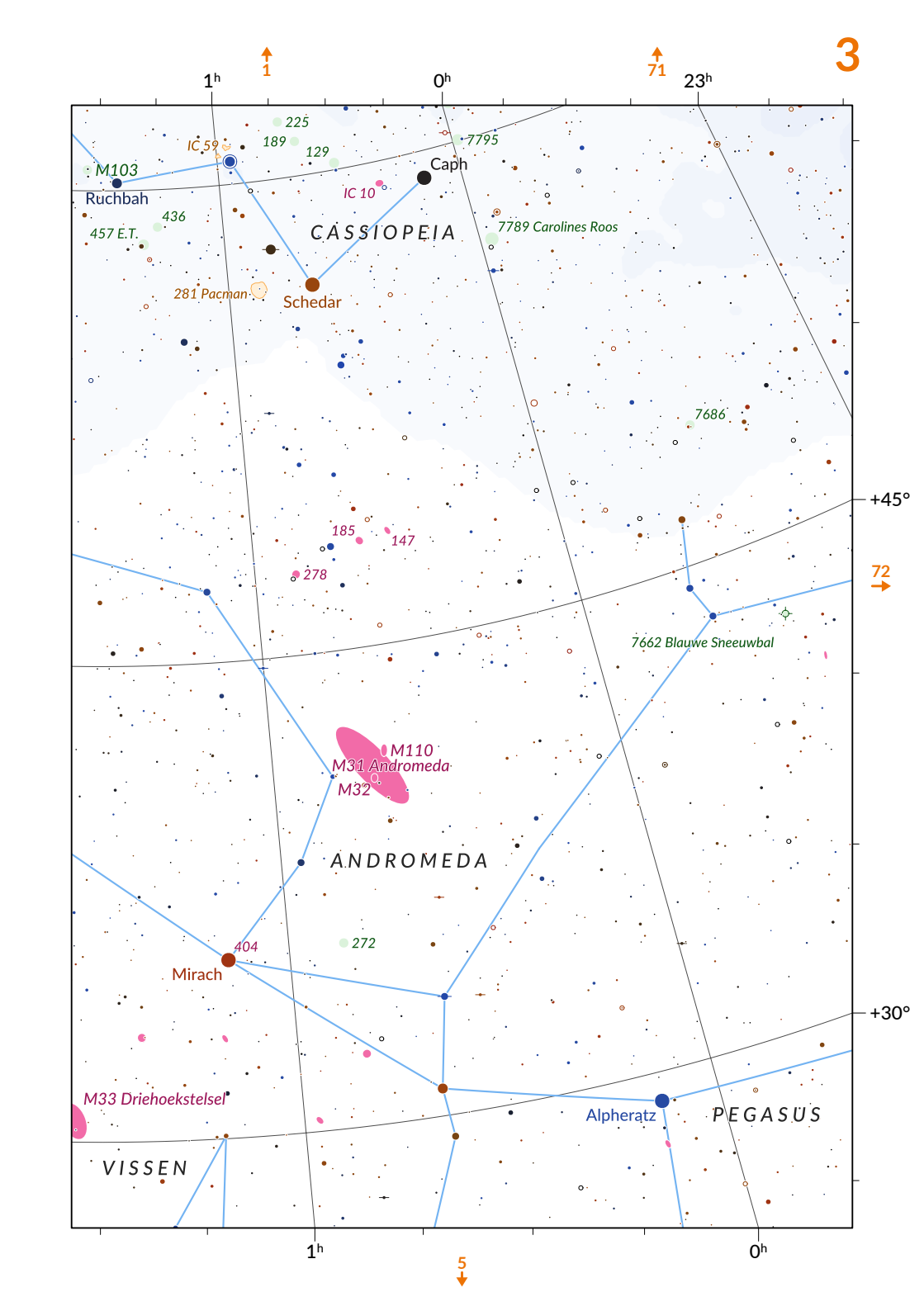
Rechte klimming 0^h tot 3^h

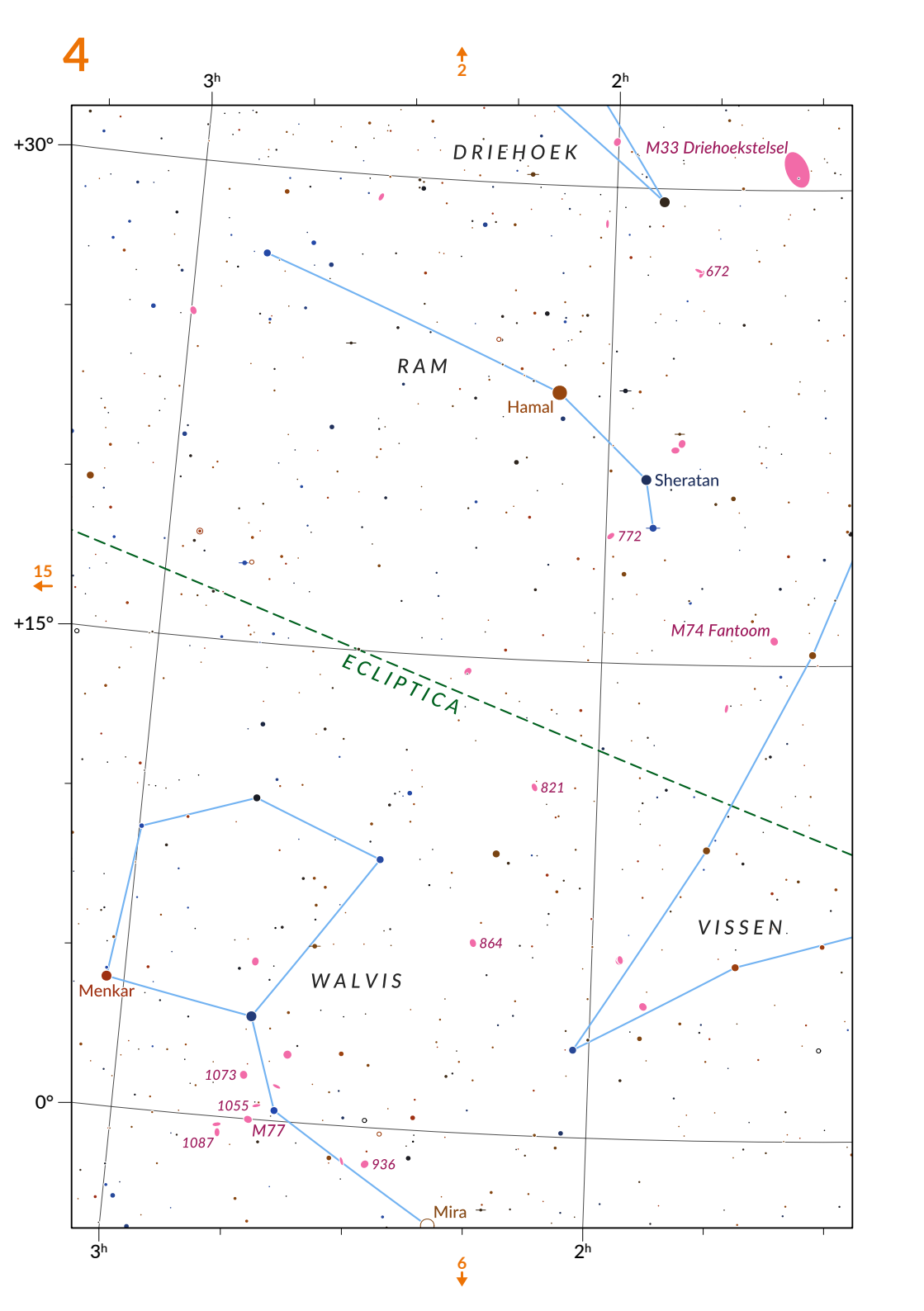
November/december

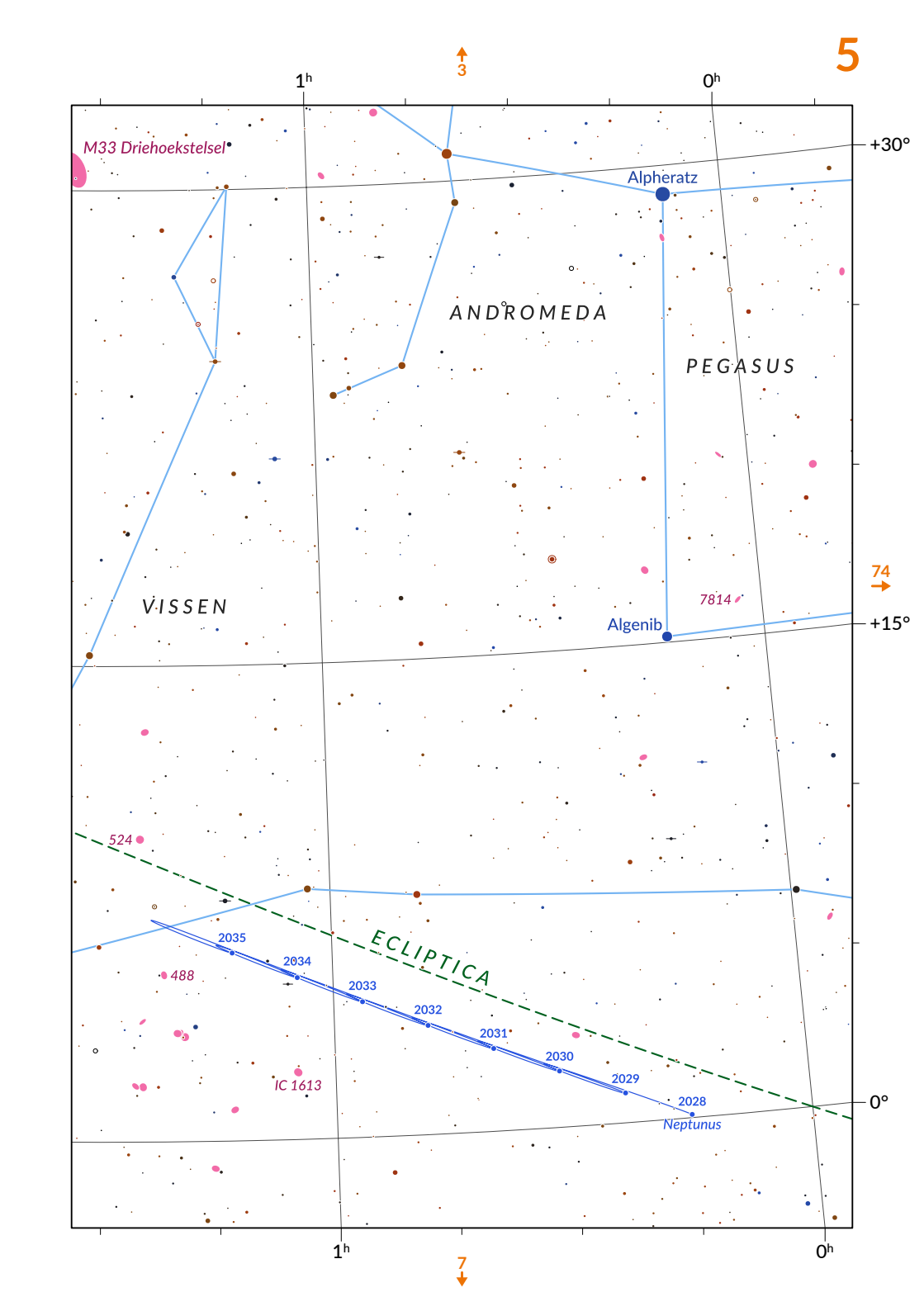


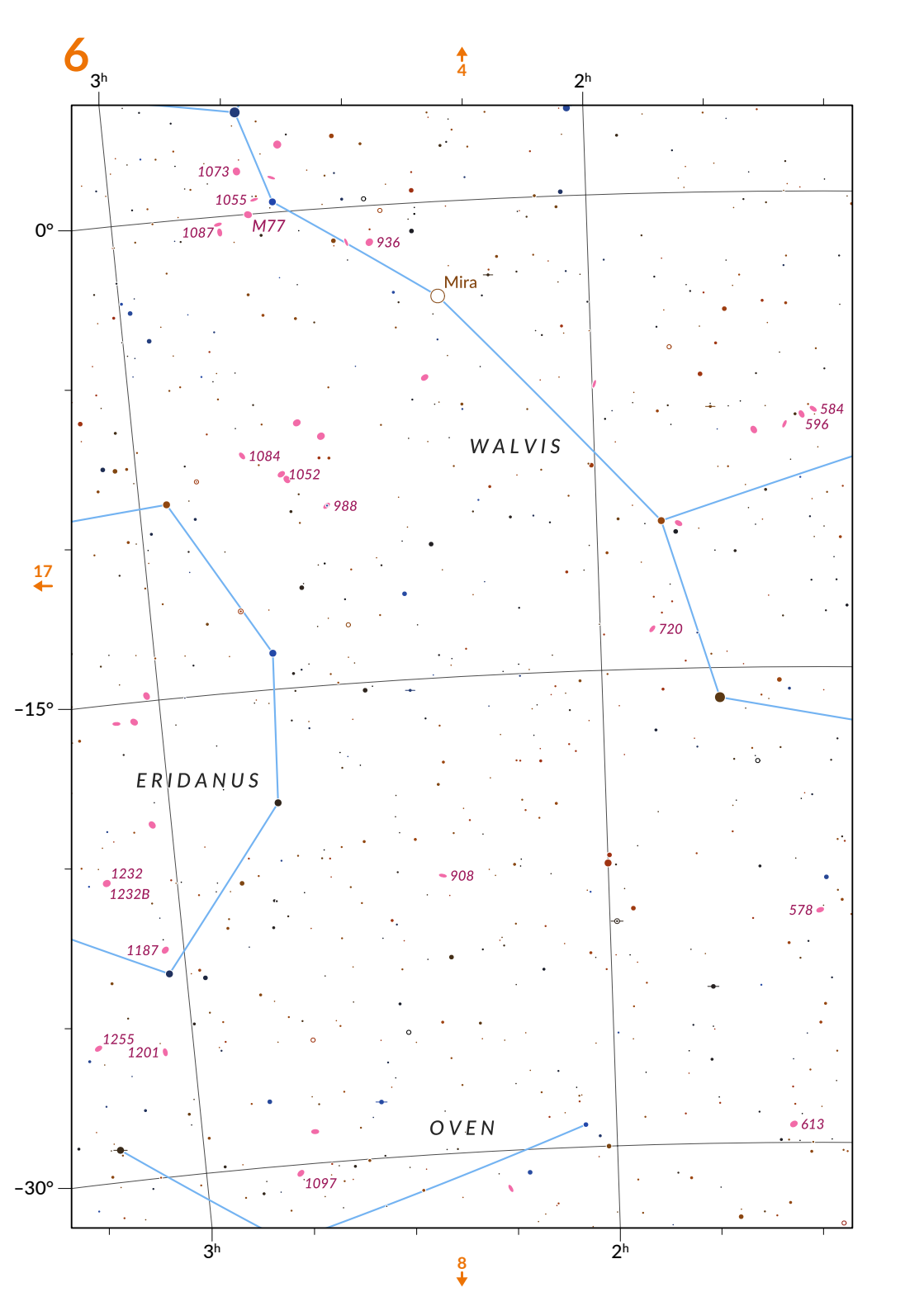

1
9h
12h
15h
18h
KLEINE BEER
Noordpool
Poolster
2336
2300
2146
188
21h
+75°
CEPHEUS
11
71
GIRAFFE
7708
40 Strikje
110
7822
Tr 3
637
H 21
7790
IC 1848 Zielnevel
1027
896
IC 1805 Hartnevel
CASSIOPEIA
225
654
189
129
663
IC 63
Caph
659
M103
Ruchbah
IC 10
+60°
0h
957
Stock 2
436
457 E.T.
2h
1h
2
3

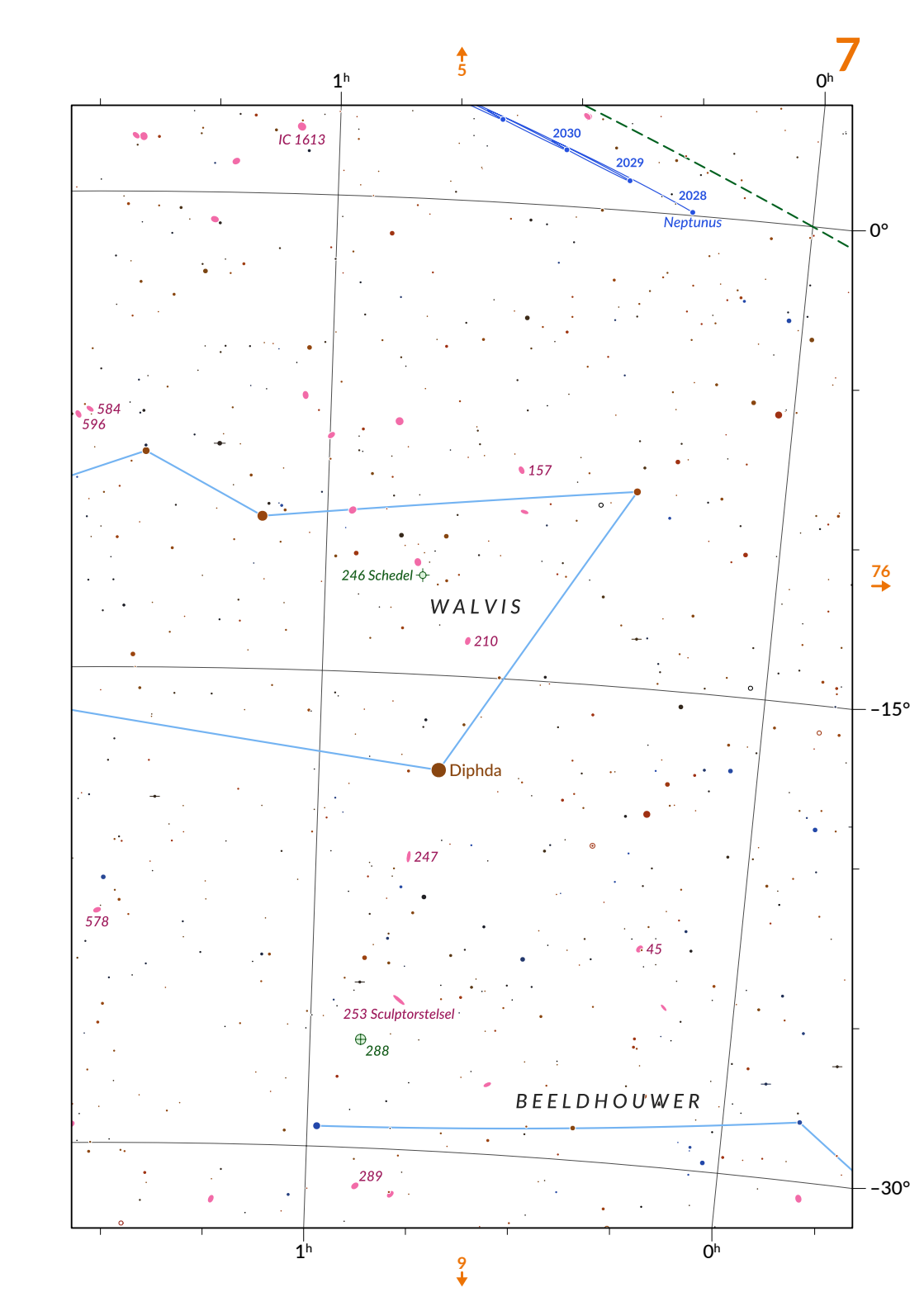

2
11
1
4h
3h
2h
Stock 23
1027
896
654
663
659
M103
Ruchbah
IC 1805 Hartnevel
Stock 2
Perseïden (12 aug.)
IC 1848 Zielnevel
957
869 Dubbele Sterrenhoop
Tr 2
1491
1444
CASSIOPEIA
744
Mirfak
Mel 20 α Per
PERSEUS
M76 Kleine Halternevel
+45°
1245
13
1161
956
M34
ANDROMEDA
Algol
891 Zilveren Streep
Almach
1342
1023
752
925
+30°
DRIEHOEK
M33 Driehoekstelsel
RAM
672
3h
2h
4

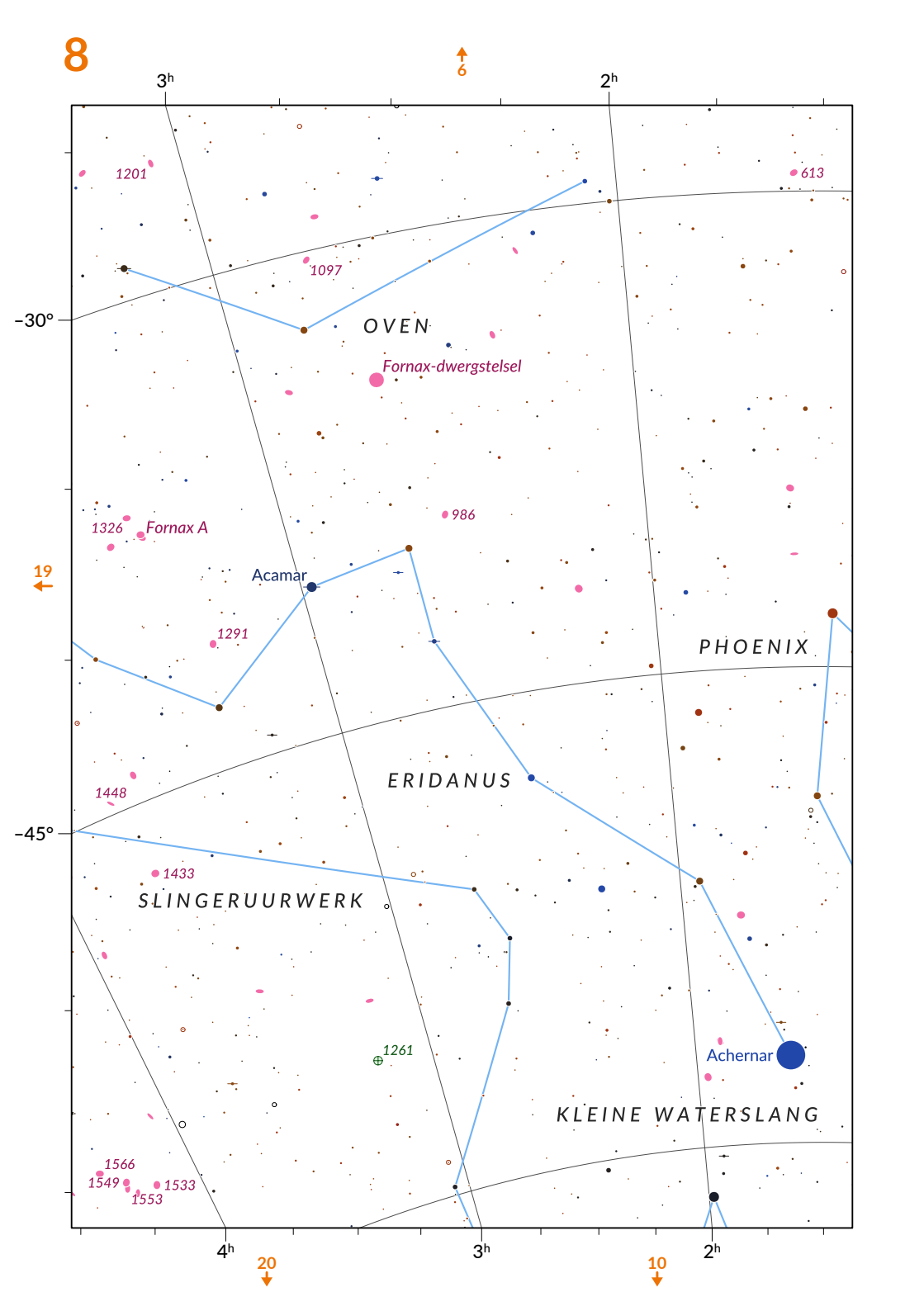

3
1
71
1h
0h
23h
225
189
129
IC 59
7795
M103
Ruchbah
Caph
IC 10
436
457 E.T.
CASSIOPEIA
7789 Carolines Roos
281 Pacman
Schedar
7686
+45°
185
147
278
72
7662 Blauwe Sneeuwbal
M110
M31 Andromeda
M32
ANDROMEDA
404
272
Mirach
+30°
M33 Driehoekstelsel
Alpheratz
PEGASUS
VISSEN
1h
0h
5

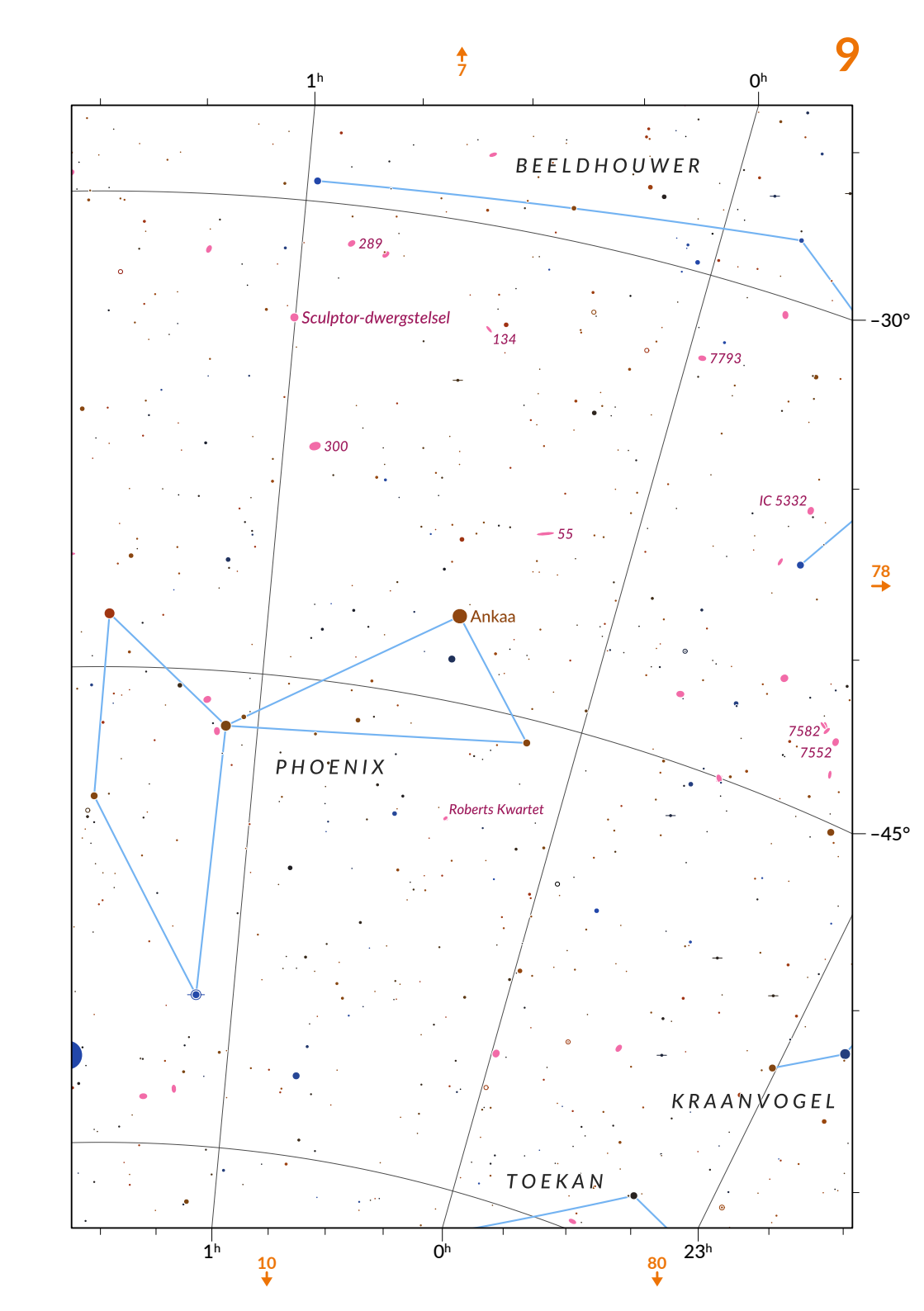

4
2
3h
2h
+30°
DRIEHOEK
M33 Driehoekstelsel
672
RAM
Hamal
Sheratan
772
15
+15°
M74 Fantoom
ECLIPTICA
821
VISSEN
864
WALVIS
Menkar
1073
1055
M77
1087
936
Mira
0°
3h
2h
6

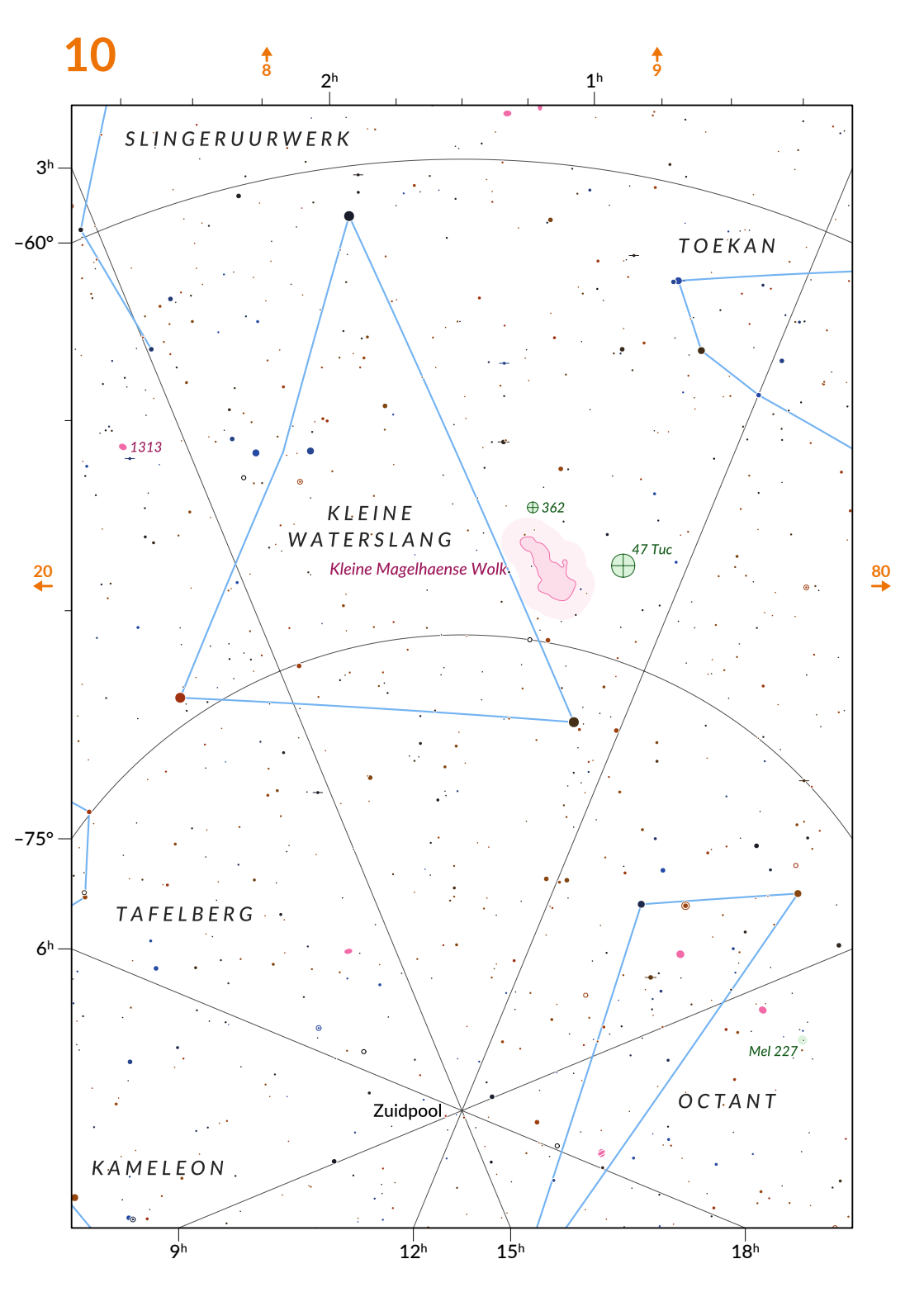

5
3
1h
0h
+30°
M33 Driehoekstelsel
Alpheratz
ANDROMEDA
PEGASUS
74
VISSEN
7814
Algenib
+15°
524
ECLIPTICA
2035
2034
2033
2032
2031
2030
2029
2028
488
IC 1613
Neptunus
0°
1h
0h
7


6
4
3h
2h
0°
−15°
−30°
17
8
3h
2h
1073
1055
1087
M77
936
Mira
WALVIS
584
596
1084
1052
988
720
ERIDANUS
1232
1232B
908
578
1187
1255
1201
OVEN
613
1097

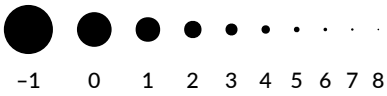

7
5
1h
0h
IC 1613
2030
2029
2028
Neptunus
0°
584
596
157
246 Schedel
WALVIS
76
210
−15°
Diphda
247
578
45
253 Sculptorstelsel
288
BEELDHOUWER
289
−30°
1h
0h
9


8
3h
6
2h
1201
613
1097
−30°
OVEN
Fornax-dwergstelsel
986
1326
Fornax A
19
Acamar
1291
PHOENIX
ERIDANUS
1448
−45°
1433
SLINGERUURWERK
1261
Achernar
KLEINE WATERSLANG
1566
1549
1533
1553
4h
20
3h
10
2h


9
7
1h
0h
BEELDHOUWER
289
Sculptor-dwergstelsel
134
7793
300
IC 5332
55
−30°
78
Ankaa
7582
7552
PHOENIX
Roberts Kwartet
−45°
KRAANVOGEL
TOEKAN
1h
0h
23h
10
80


10
8
9
2h
1h
SLINGERUURWERK
3h
−60°
TOEKAN
1313
KLEINE
WATERSLANG
Kleine Magelhaense Wolk
362
47 Tuc
20
80
−75°
TAFELBERG
6h
Mel 227
Zuidpool
OCTANT
KAMELEON
9h
12h
15h
18h

Legenda



Magnitude van de sterren

Dubbelster

Veranderlijke ster (max. en min.)

Radiant van een meteorenzwerm

Sterrenbeeldfiguur

Ecliptica

Baan (1 januari)

Sterrenstelsel

Open sterrenhoop

Bolvormige sterrenhoop

Nevel

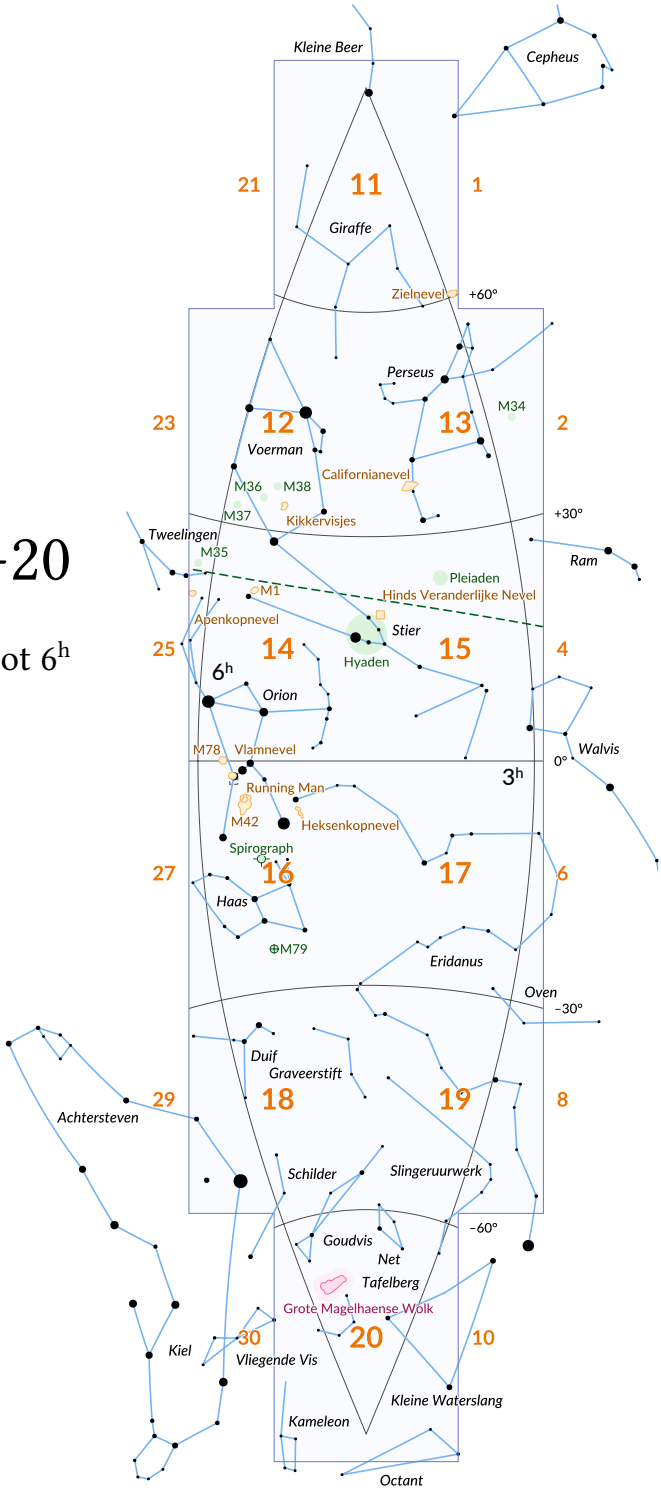
Donkere nevel

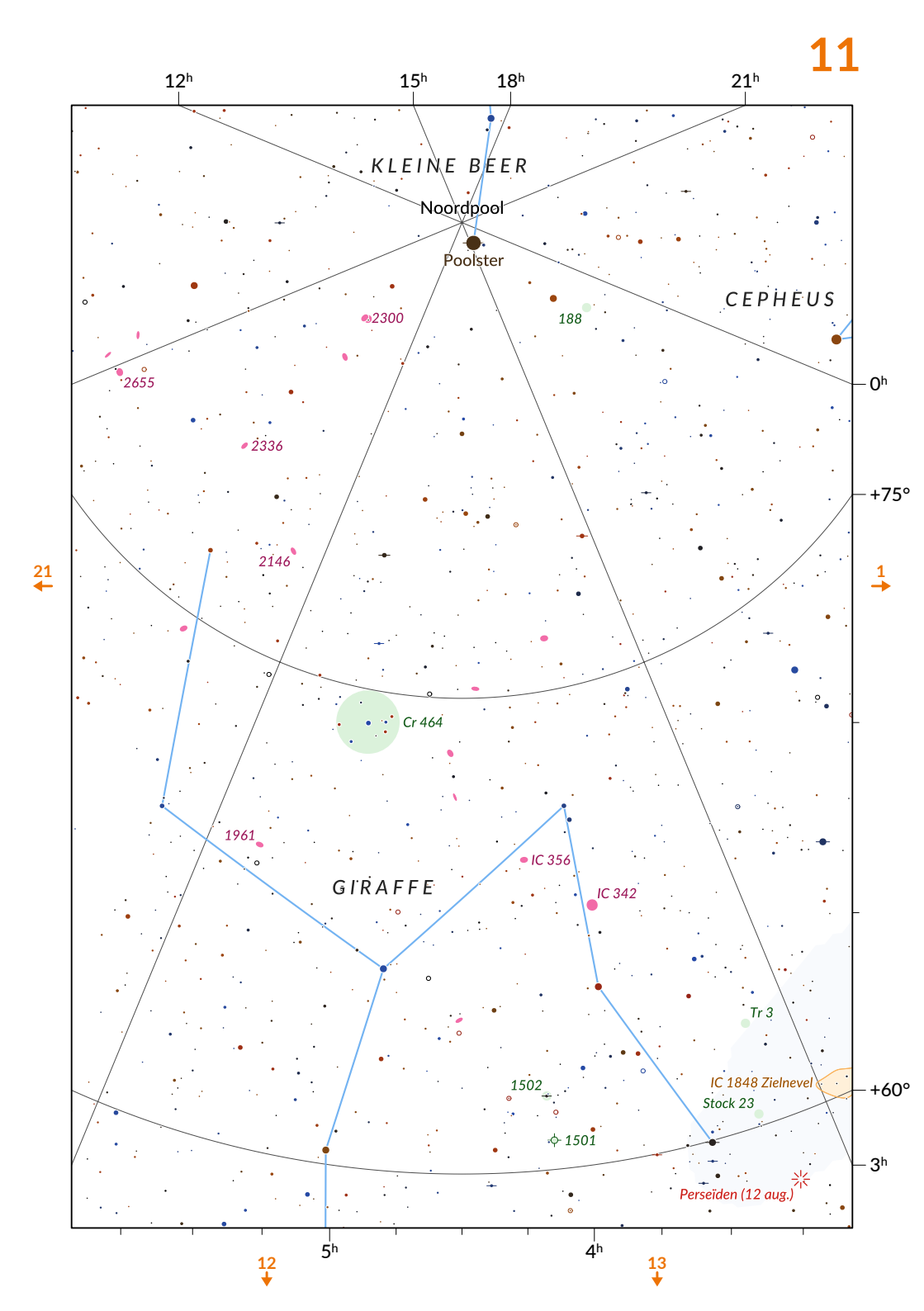
Planetaire nevel

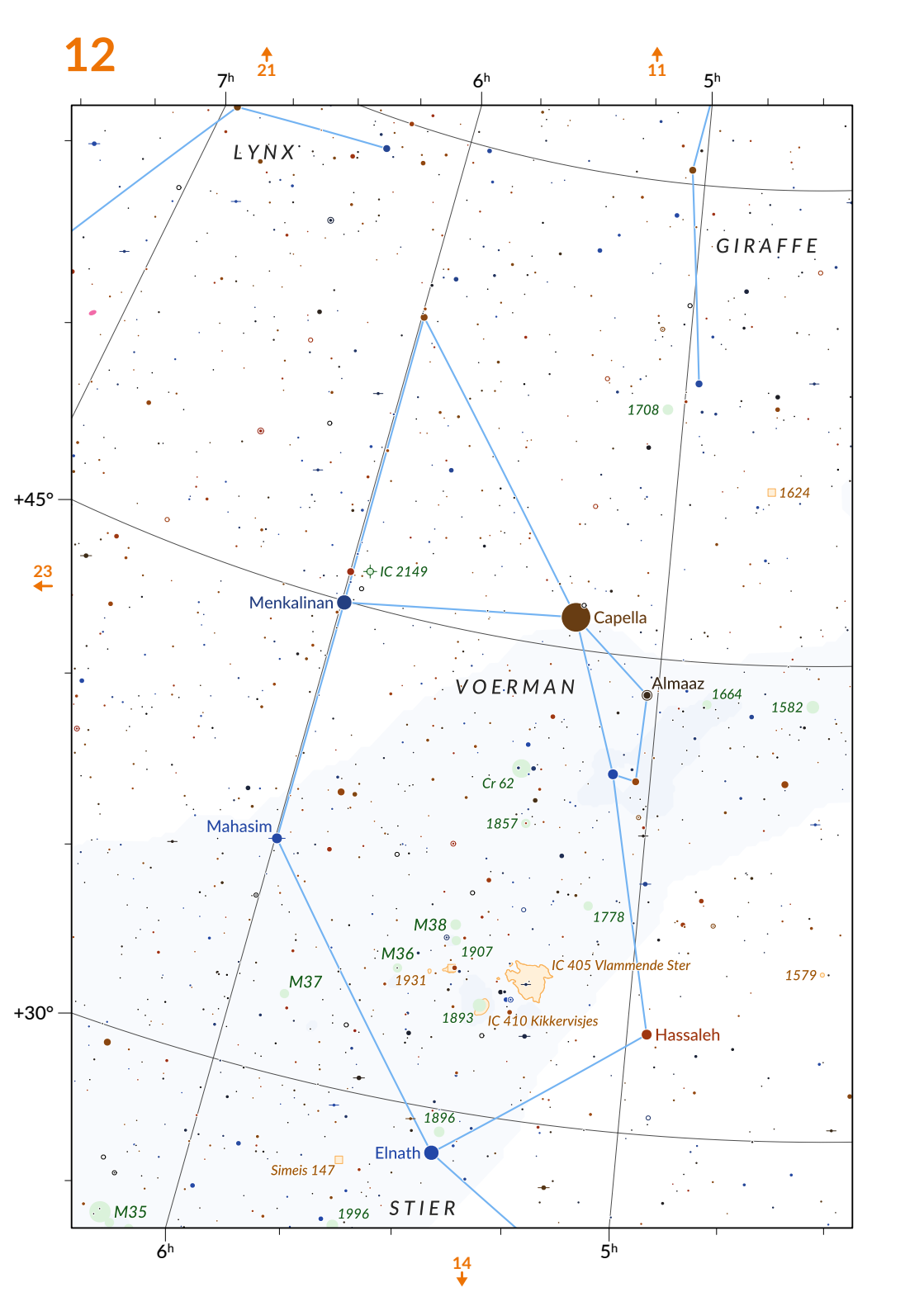
Kaarten 11–20

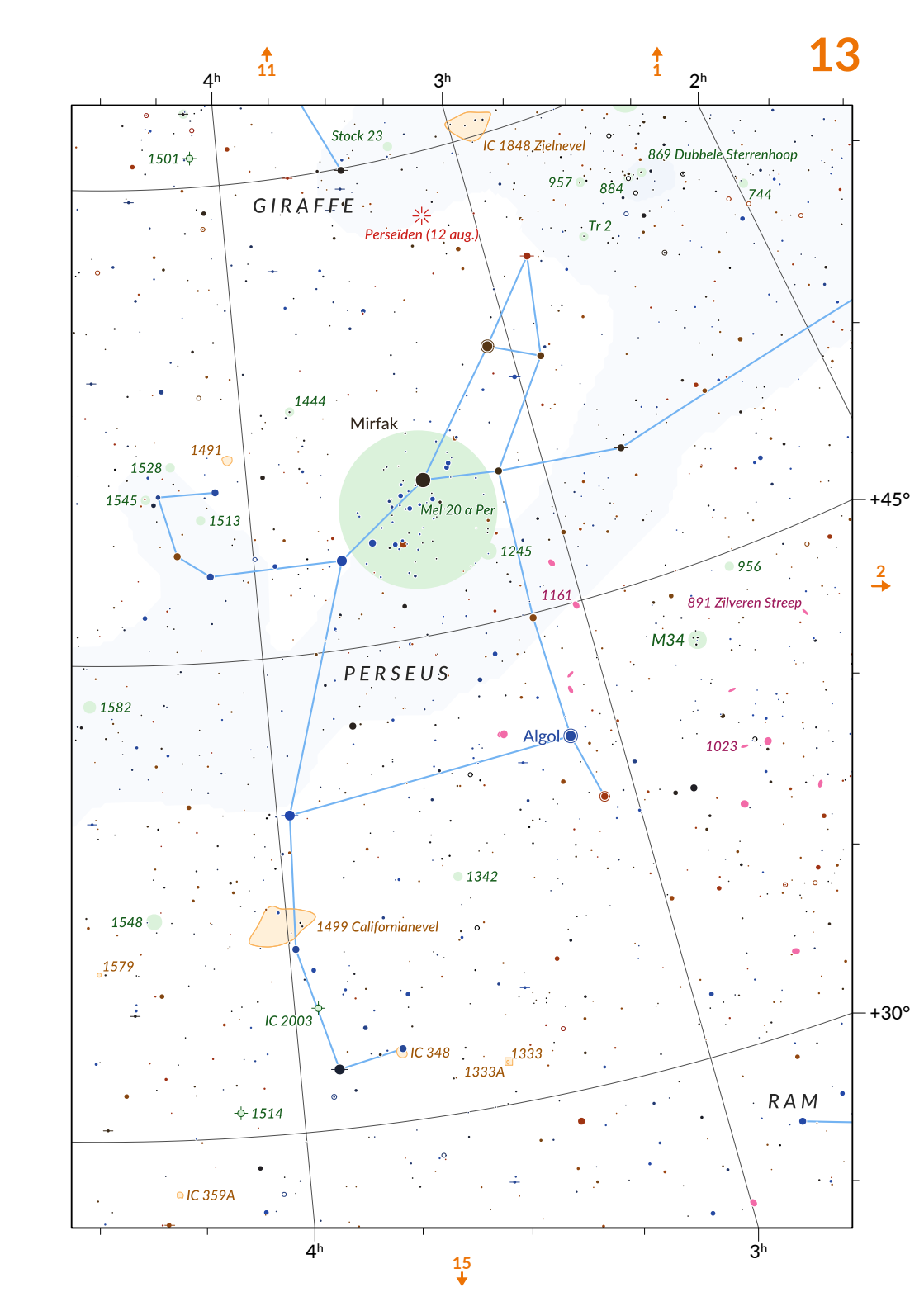
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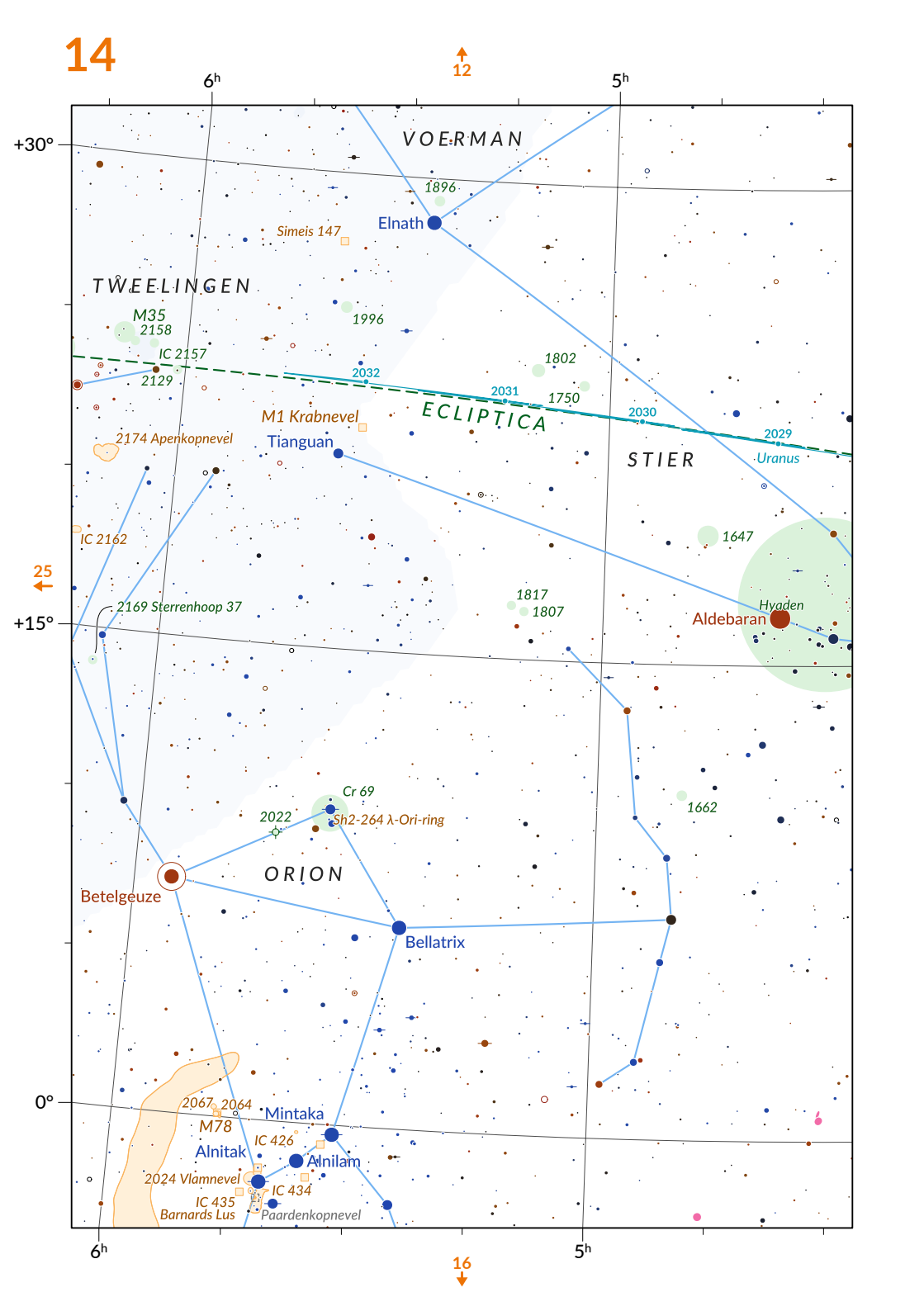
Januari

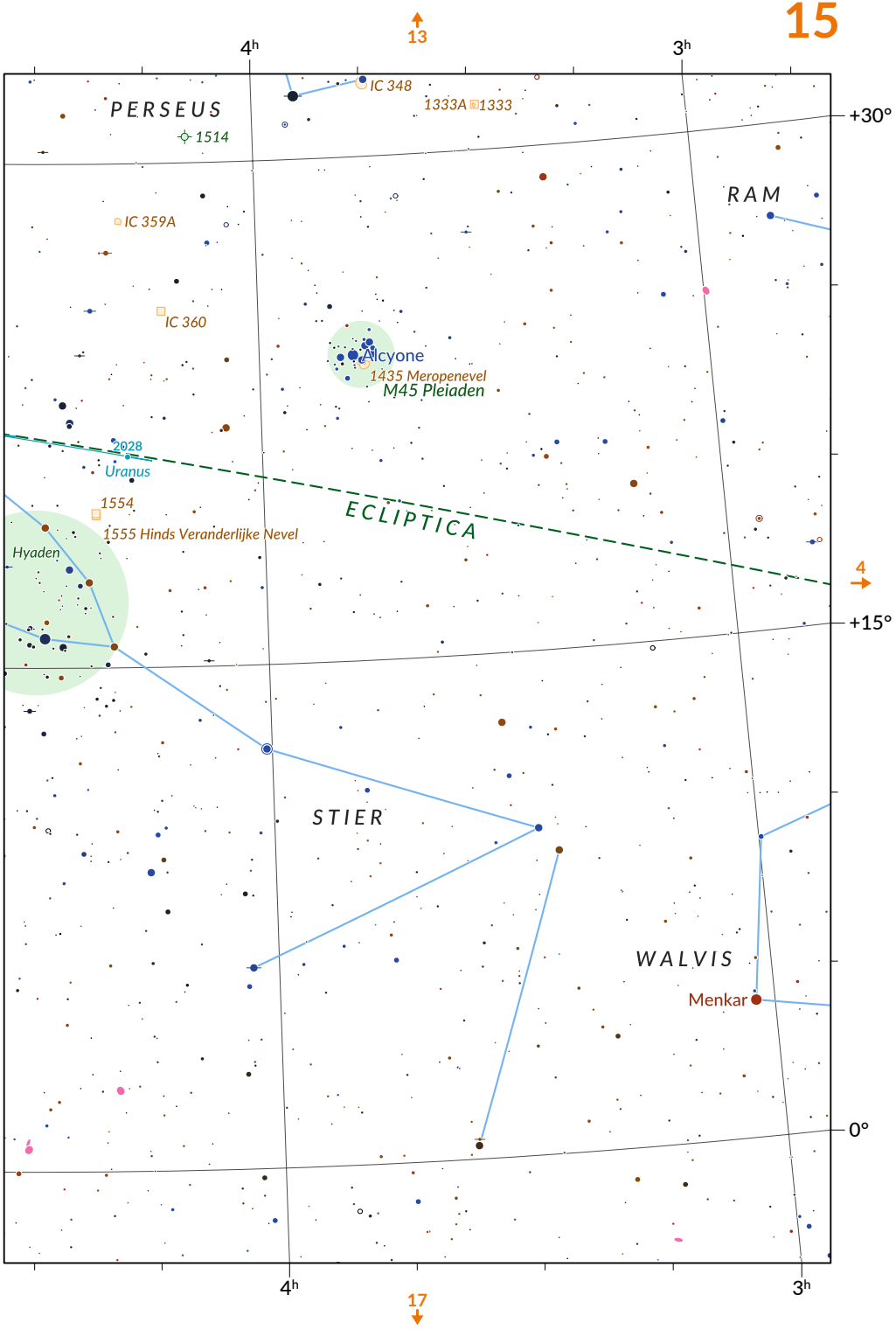


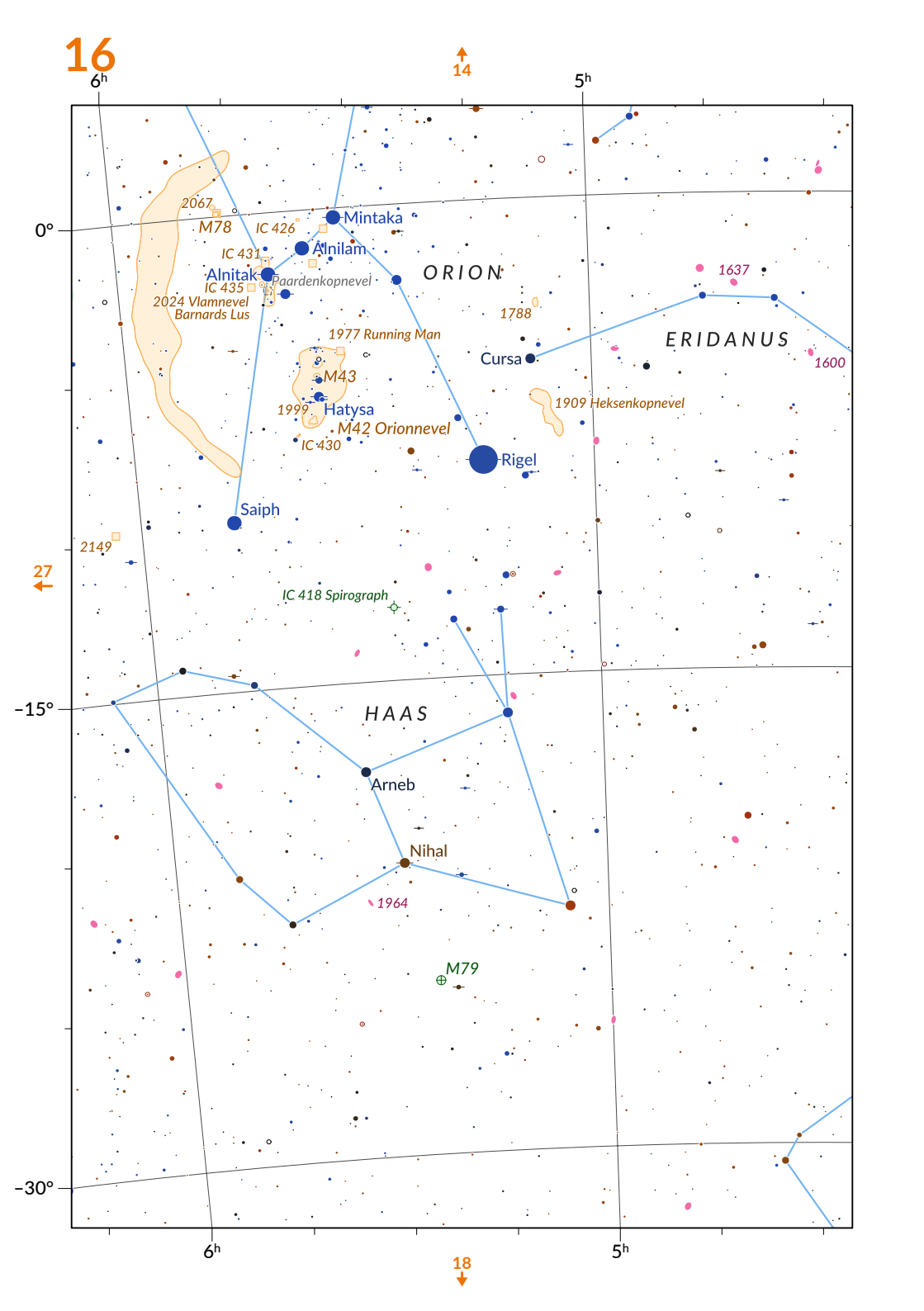

12h
15h
18h
21h
KLEINE BEER
Noordpool
Poolster
CEPHEUS
2300
188
2655
2336
2146
0h
+75°
21
1
Cr 464
1961
GIRAFFE
IC 356
IC 342
Tr 3
1502
IC 1848 Zielnevel
Stock 23
1501
+60°
3h
Perseïden (12 aug.)
5h
4h
12
13

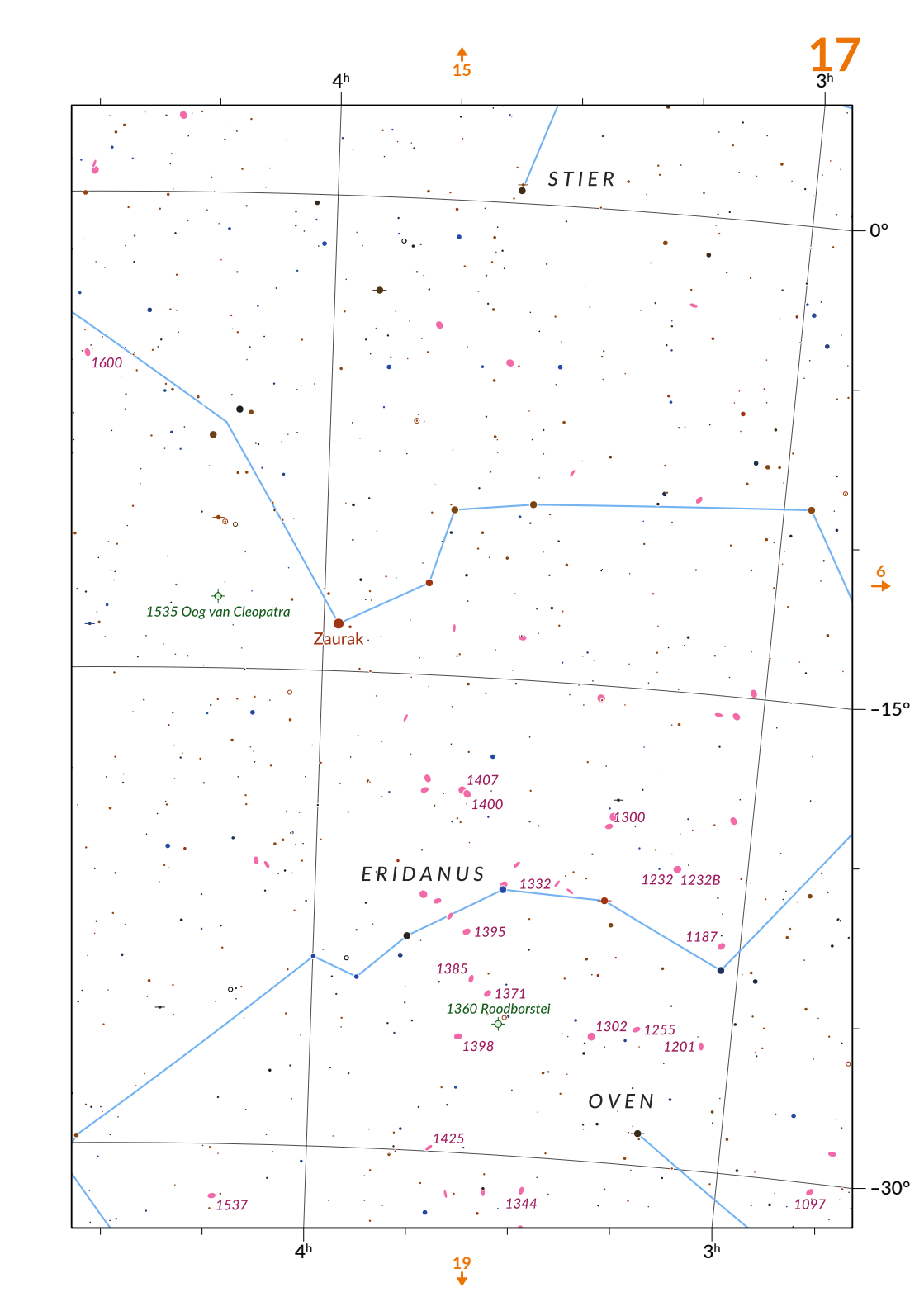

12
21
11
7h
6h
5h
LYNX
GIRAFFE
1708
+45°
1624
23
IC 2149
Menkalinan
Capella
VOERMAN
Almaaz
1664
1582
Cr 62
1857
Mahasim
1778
M38
M36
1907
IC 405 Vlammende Ster
M37
1931
1579
+30°
1893
IC 410 Kikkervisjes
Hassaleh
1896
Elnath
Simeis 147
M35
1996
STIER
6h
5h
14

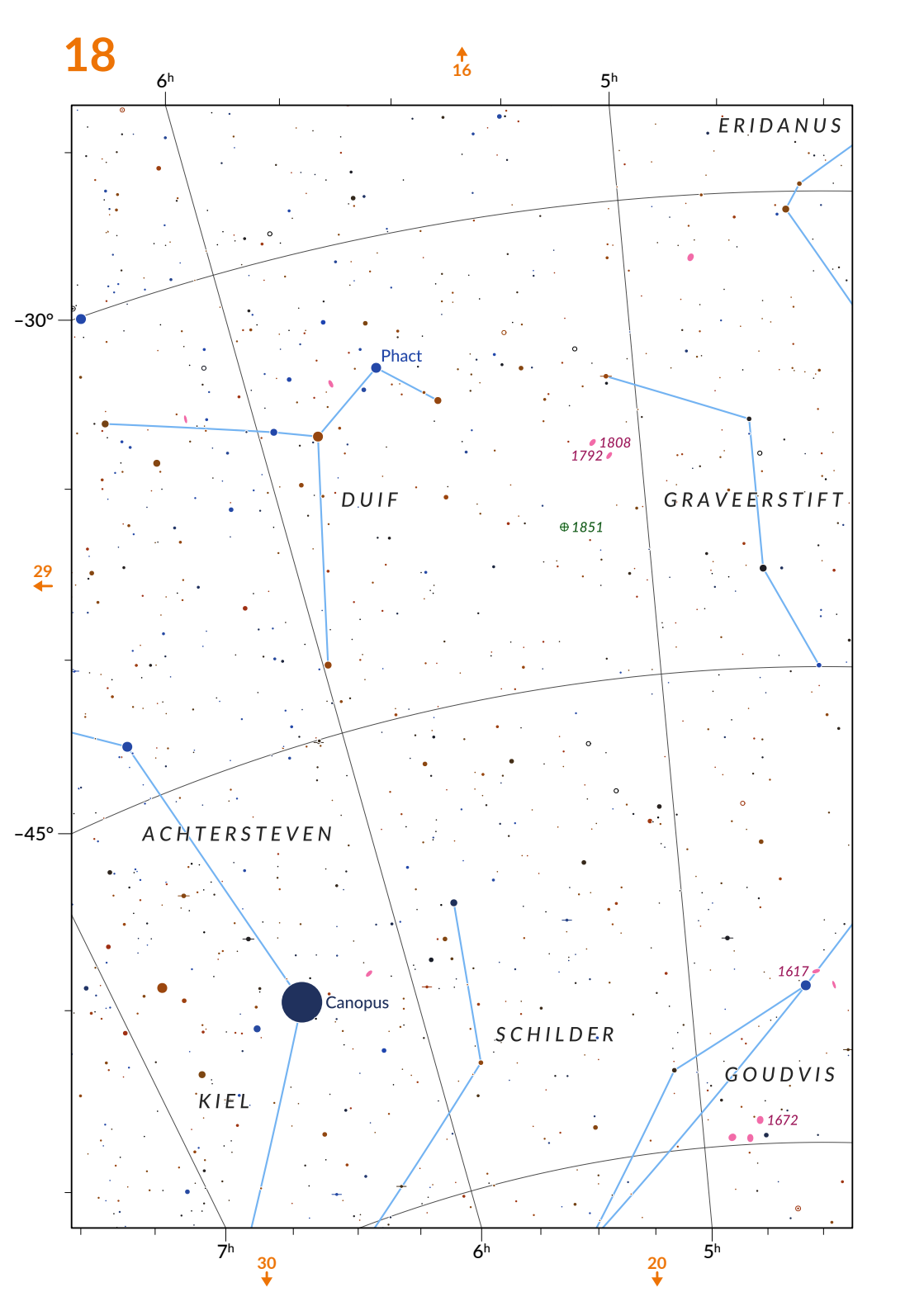

13
4h
3h
2h
11
1
2
15
+45°
+30°
GIRAFFE
PERSEUS
RAM
Mirfak
Mel 20 α Per
Algol
Perseïden (12 aug.)
Stock 23
IC 1848 Zielnevel
869 Dubbele Sterrenhoop
1501
957
884
744
Tr 2
1444
1491
1528
1545
1513
1245
956
1161
891 Zilveren Streep
M34
1582
1023
1342
1548
1499 Californianevel
1579
IC 2003
IC 348
1333
1333A
1514
IC 359A

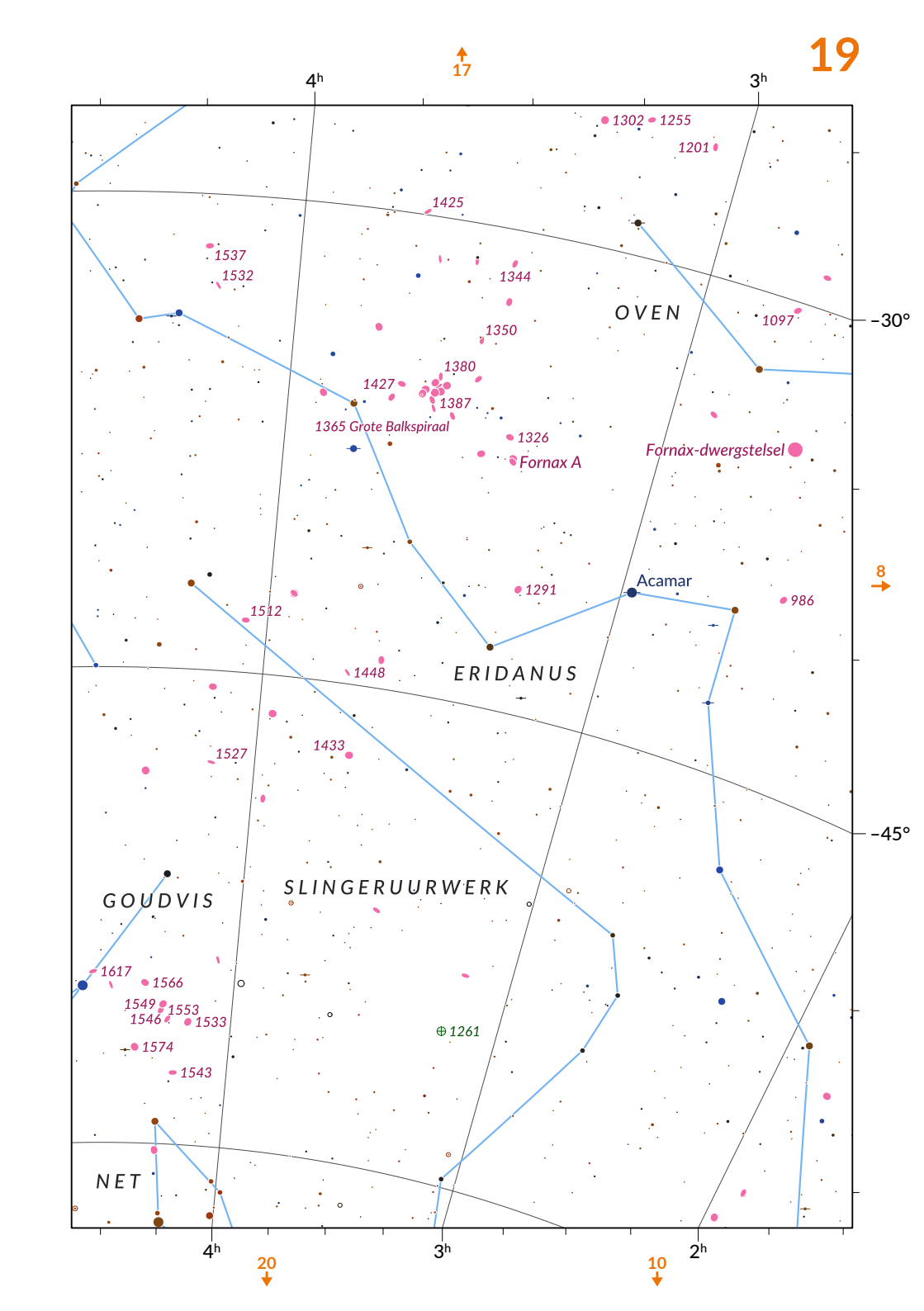

14
12
6h
5h
+30°
+15°
0°
25
16
VOERMAN
1896
Elnath
Simeis 147
TWEELINGEN
M35
2158
IC 2157
2129
1996
1802
2032
2031
1750
2030
2029
ECLIPTICA
Uranus
M1 Krabnevel
2174 Apenkopnevel
Tianguan
STIER
IC 2162
1647
2169 Sterrenhoop 37
1817
1807
Hyaden
Aldebaran
Cr 69
2022
Sh2-264 λ-Ori-ring
1662
ORION
Betelgeuze
Bellatrix
2067
2064
Mintaka
M78
IC 426
Alnitak
Alnilam
2024 Vlamnevel
IC 434
IC 435
Barnards Lus
Paardenkopnevel

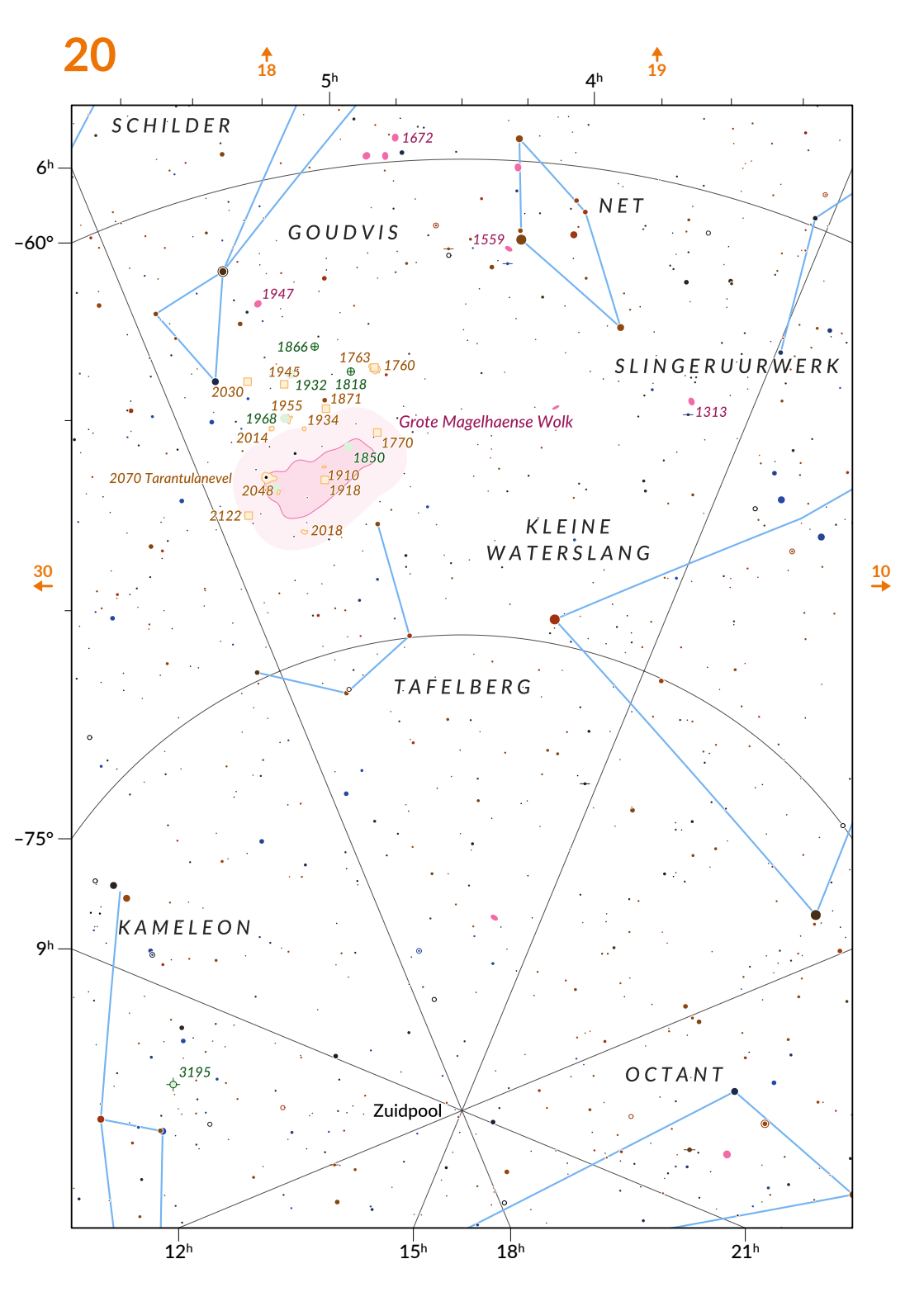

13
4h
3h
PERSEUS
1514
IC 348
1333A
1333
+30°
RAM
IC 359A
IC 360
Alcyone
1435 Meropenevel
M45 Pleiaden
2028
Uranus
1554
1555 Hinds Veranderlijke Nevel
ECLIPTICA
Hyaden
4
+15°
STIER
WALVIS
Menkar
0°
4h
3h
17


16
14
6h
5h
0°
−15°
−30°
27
18
2067
M78
IC 426
Mintaka
IC 431
Alnilam
Alnitak
IC 435
Paardenkopnevel
2024 Vlamnevel
Barnards Lus
ORION
1637
1788
1977 Running Man
ERIDANUS
Cursa
1600
M43
1999
Hatysa
1909 Heksenkopnevel
M42 Orionnevel
IC 430
Rigel
Saiph
2149
IC 418 Spirograph
HAAS
Arneb
Nihal
1964
M79

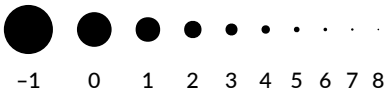

17
15
4h
3h
STIER
0°
1600
6
1535 Oog van Cleopatra
Zaurak
−15°
1407
1400
1300
ERIDANUS
1332
1232
1232B
1395
1187
1385
1371
1360 Roodborstei
1302
1255
1398
1201
OVEN
1425
−30°
1537
1344
1097
4h
3h
19


18
16
6h
5h
ERIDANUS
−30°
Phact
1808
1792
DUIF
GRAVEERSTIFT
1851
29
−45°
ACHTERSTEVEN
Canopus
1617
SCHILDER
GOUDVIS
KIEL
1672
7h
6h
5h
30
20


19
17
4h
3h
1302
1255
1201
1425
1537
1532
1344
OVEN
1097
−30°
1350
1380
1427
1387
1365 Grote Balkspiraal
1326
Fornax A
Fornax-dwergstelsel
8
Acamar
1291
986
1512
1448
ERIDANUS
1433
1527
−45°
GOUDVIS
SLINGERUURWERK
1617
1566
1549
1553
1546
1533
1574
1543
1261
NET
4h
3h
2h
20
10


20
18
19
5h
4h
SCHILDER
1672
6h
NET
GOUDVIS
1559
−60°
1947
1866
1763
1760
1945
1932
1818
SLINGERUURWERK
2030
1871
1955
1313
1968
1934
Grote Magelhaense Wolk
2014
1770
1850
2070 Tarantulanevel
1910
2048
1918
2122
2018
KLEINE
WATERSLANG
30
10
TAFELBERG
−75°
KAMELEON
9h
3195
OCTANT
Zuidpool
12h
15h
18h
21h

Legenda



Magnitude van de sterren

Dubbelster

Veranderlijke ster (max. en min.)

Radiant van een meteorenzwerm

Sterrenbeeldfiguur

Ecliptica

Baan (1 januari)

Sterrenstelsel

Open sterrenhoop

Bolvormige sterrenhoop

Nevel

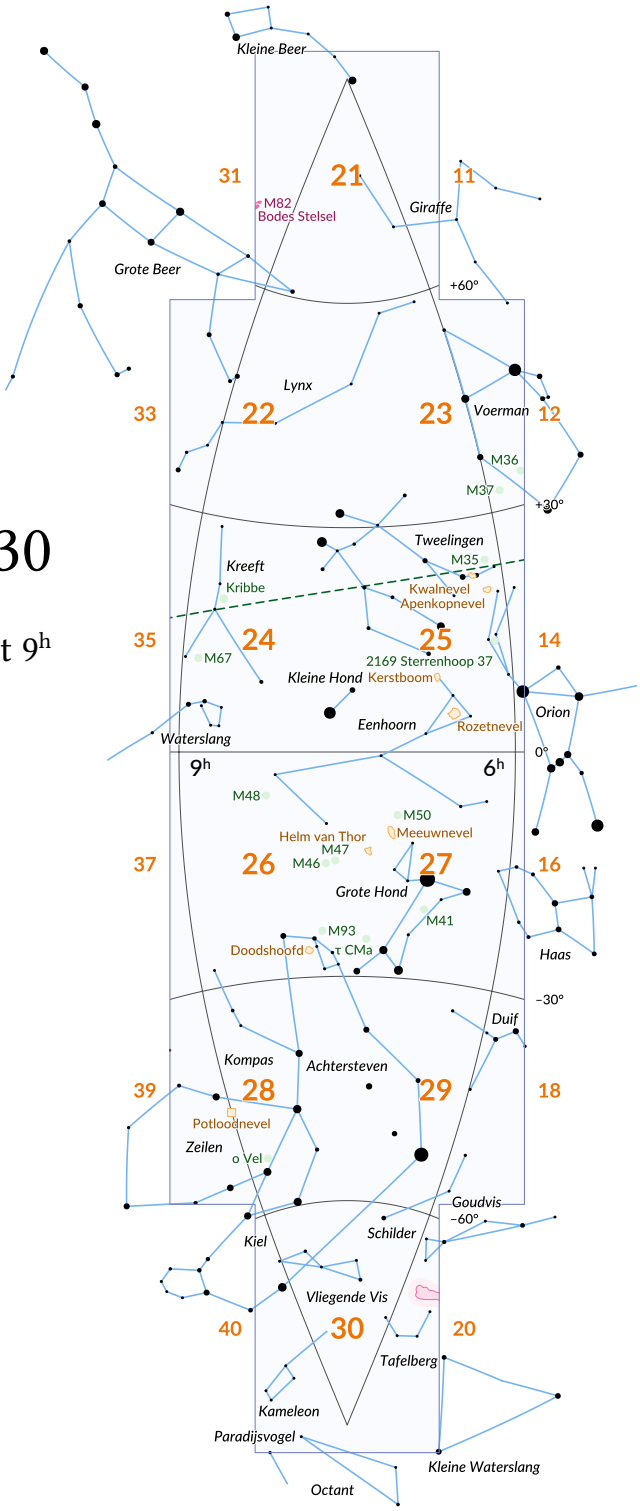
Donkere nevel

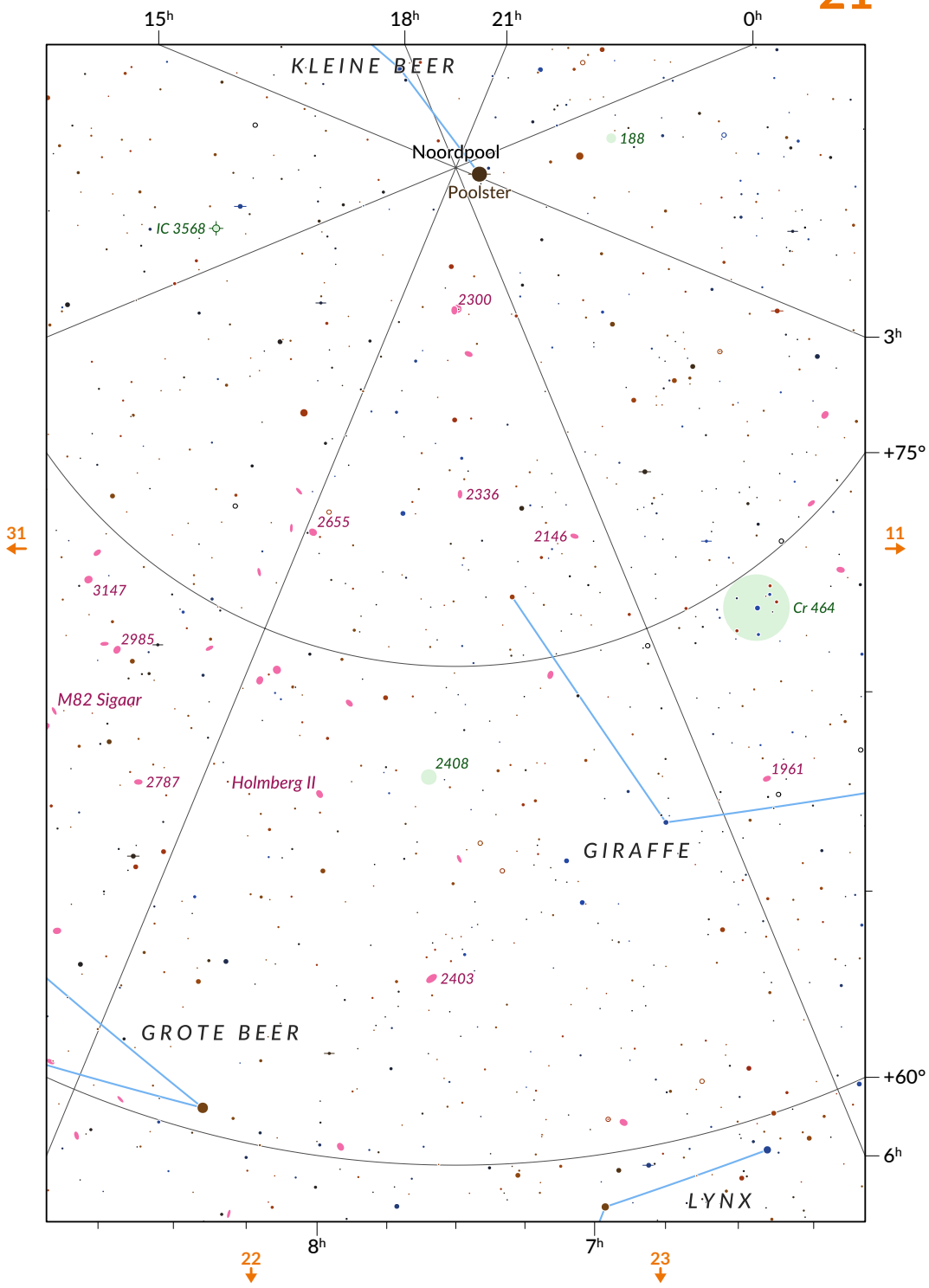
Planetaire nevel

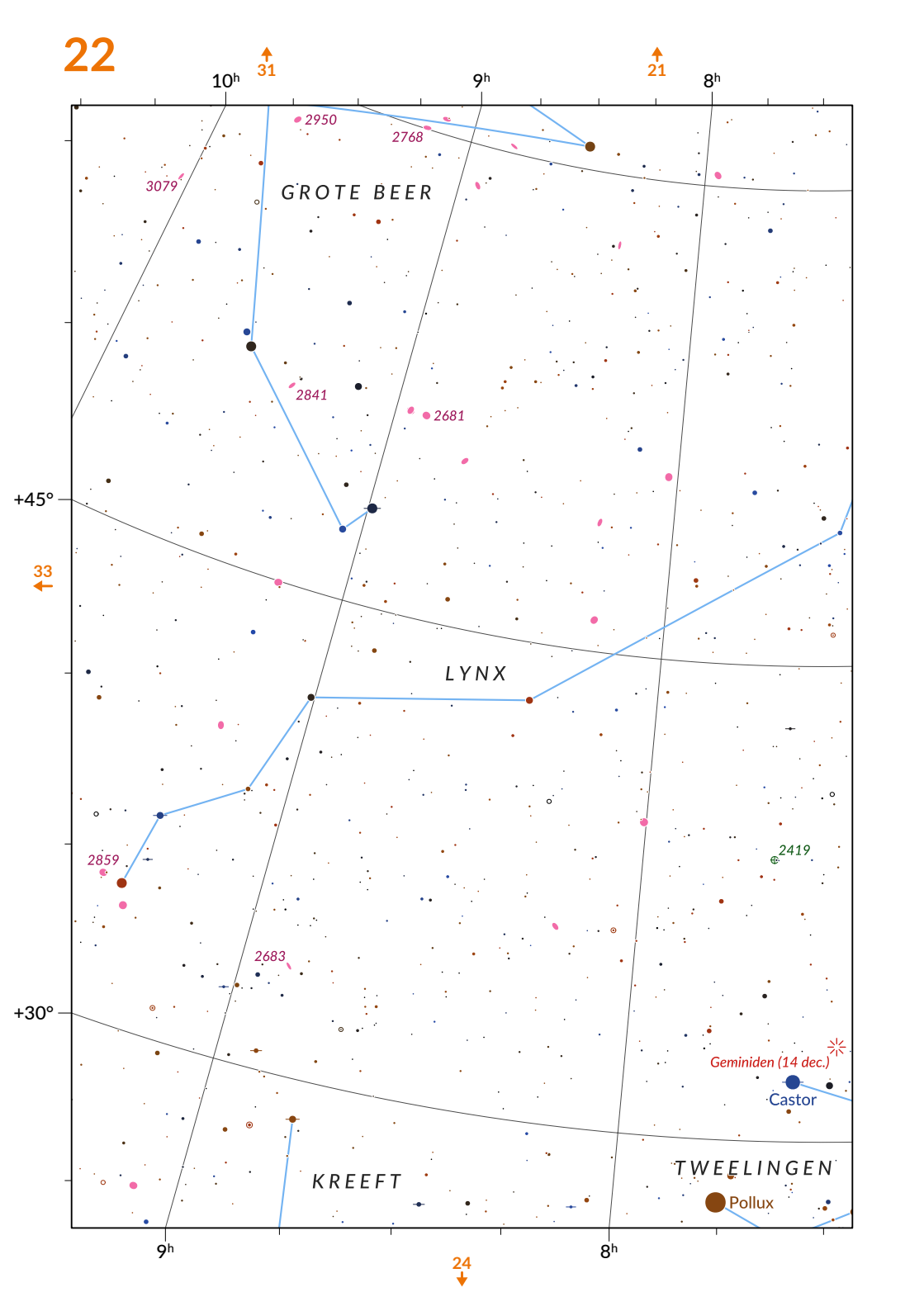
Kaarten 21–30

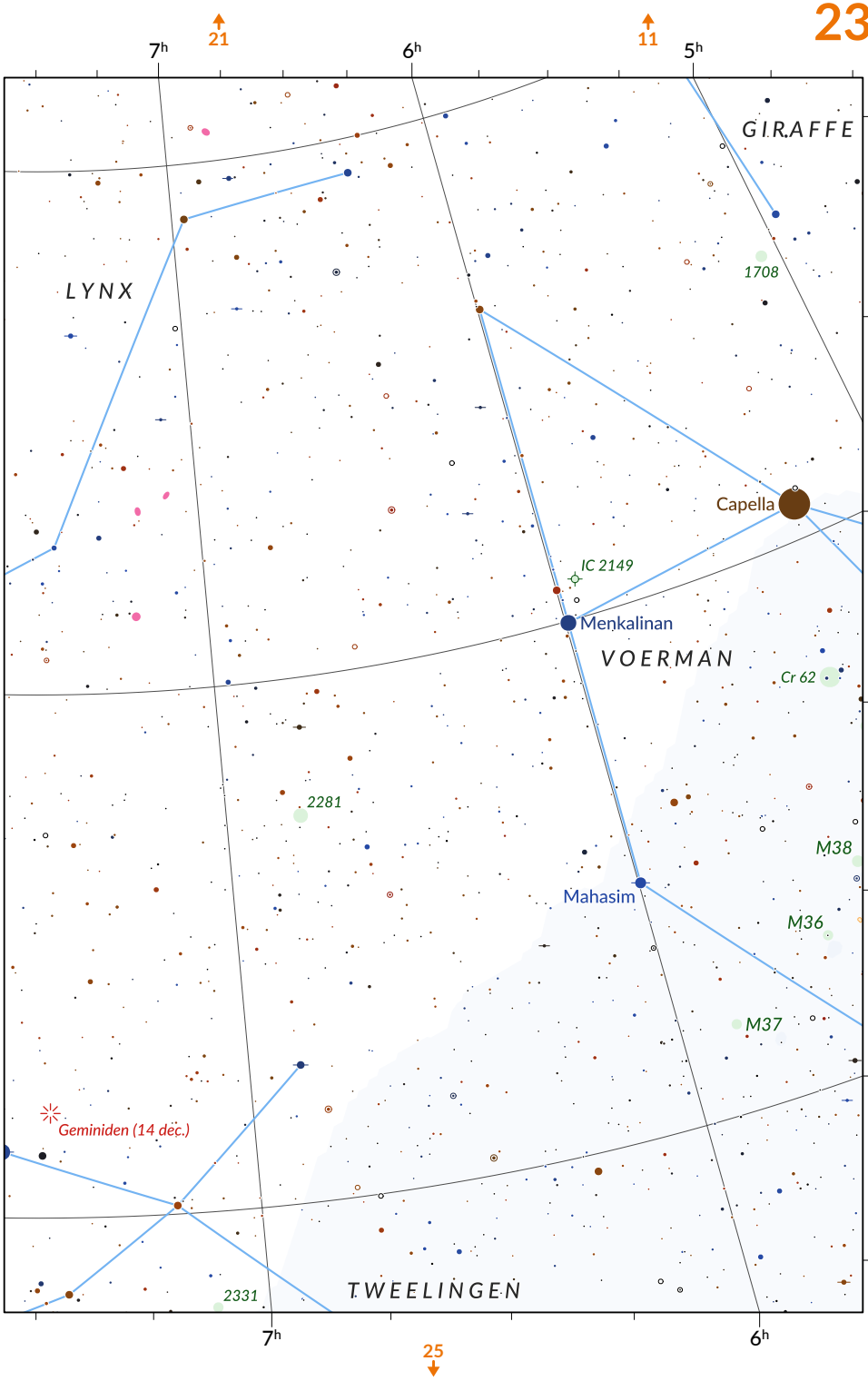
Rechte klimming 6^h tot 9^h

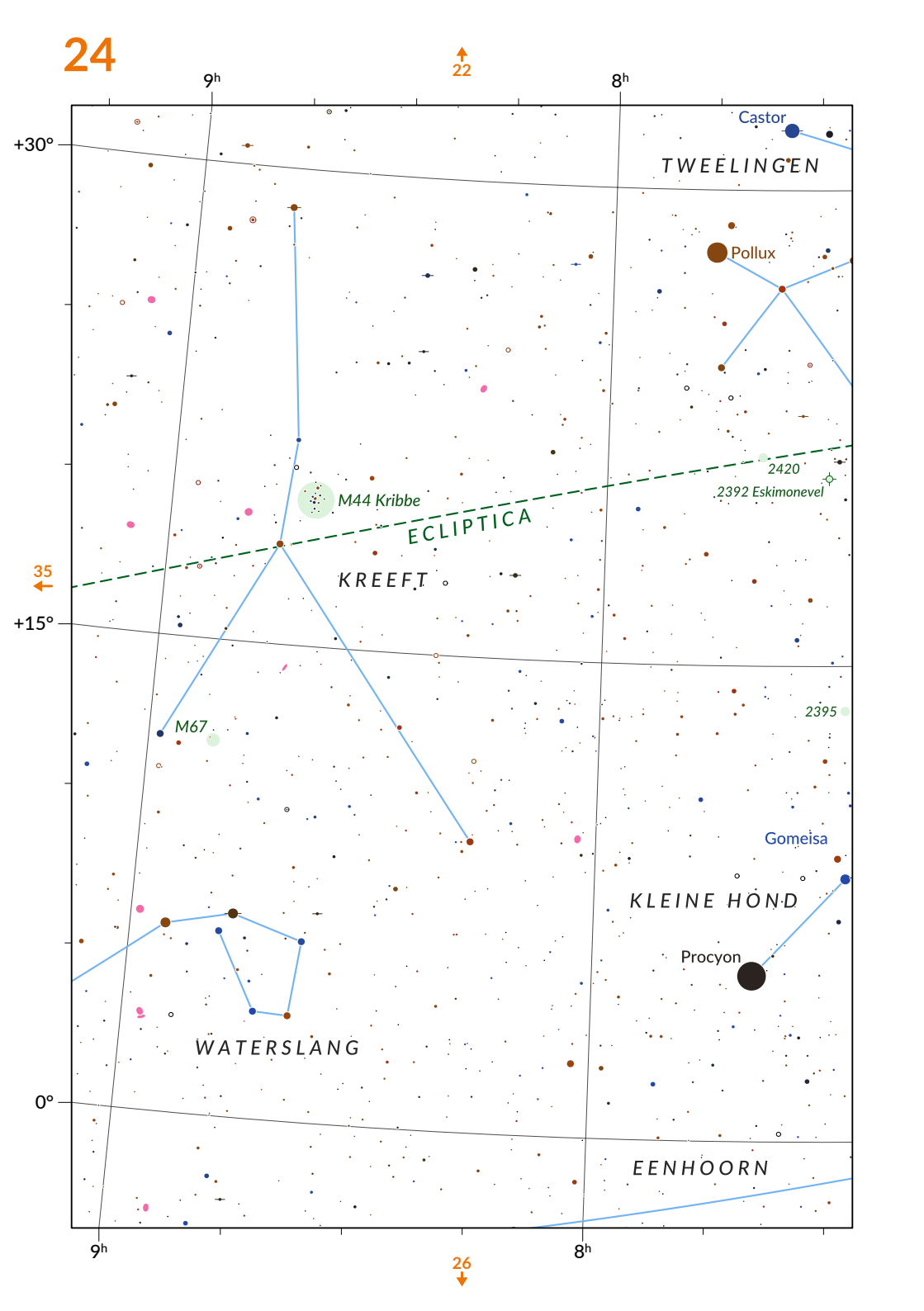
Februari/maart

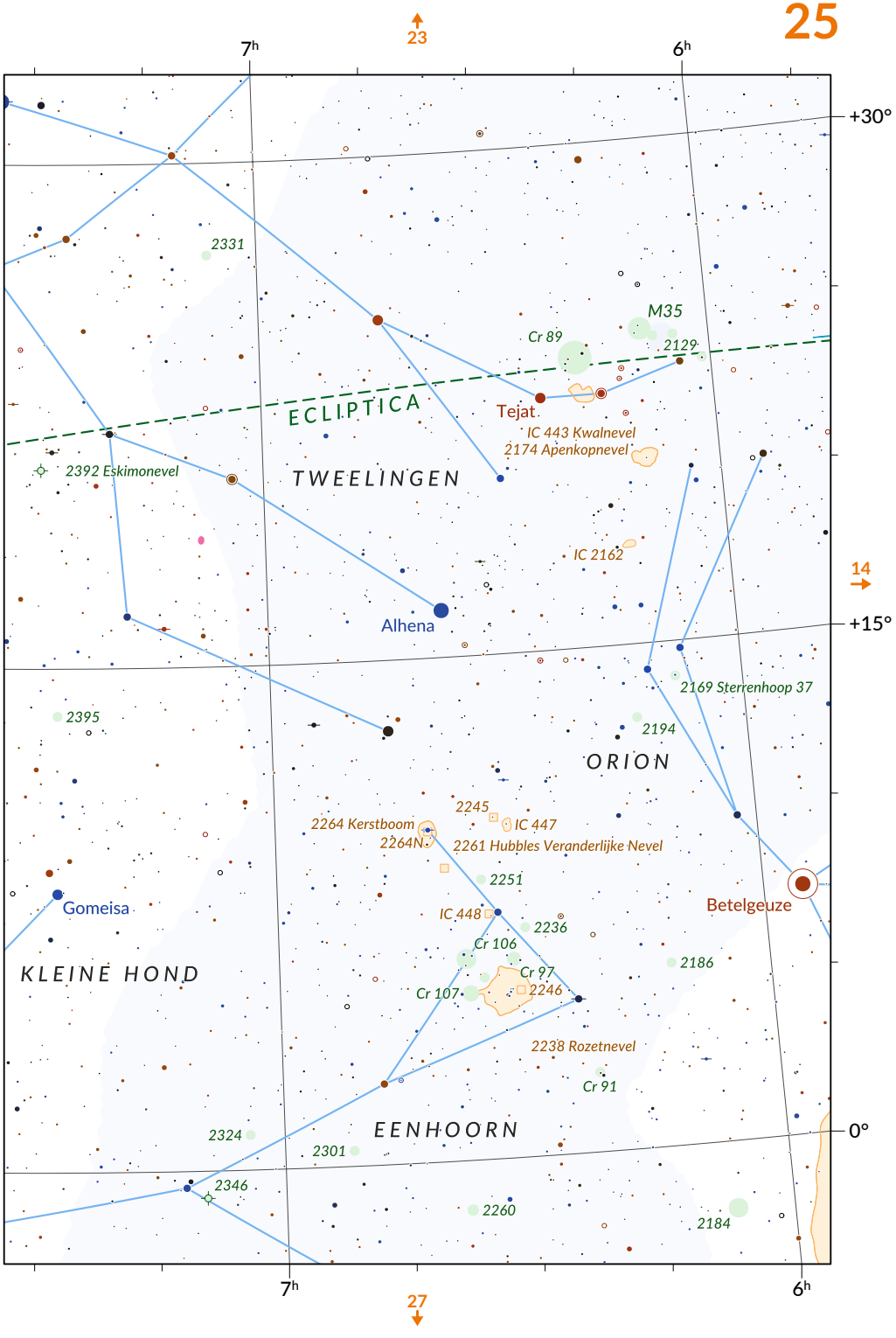


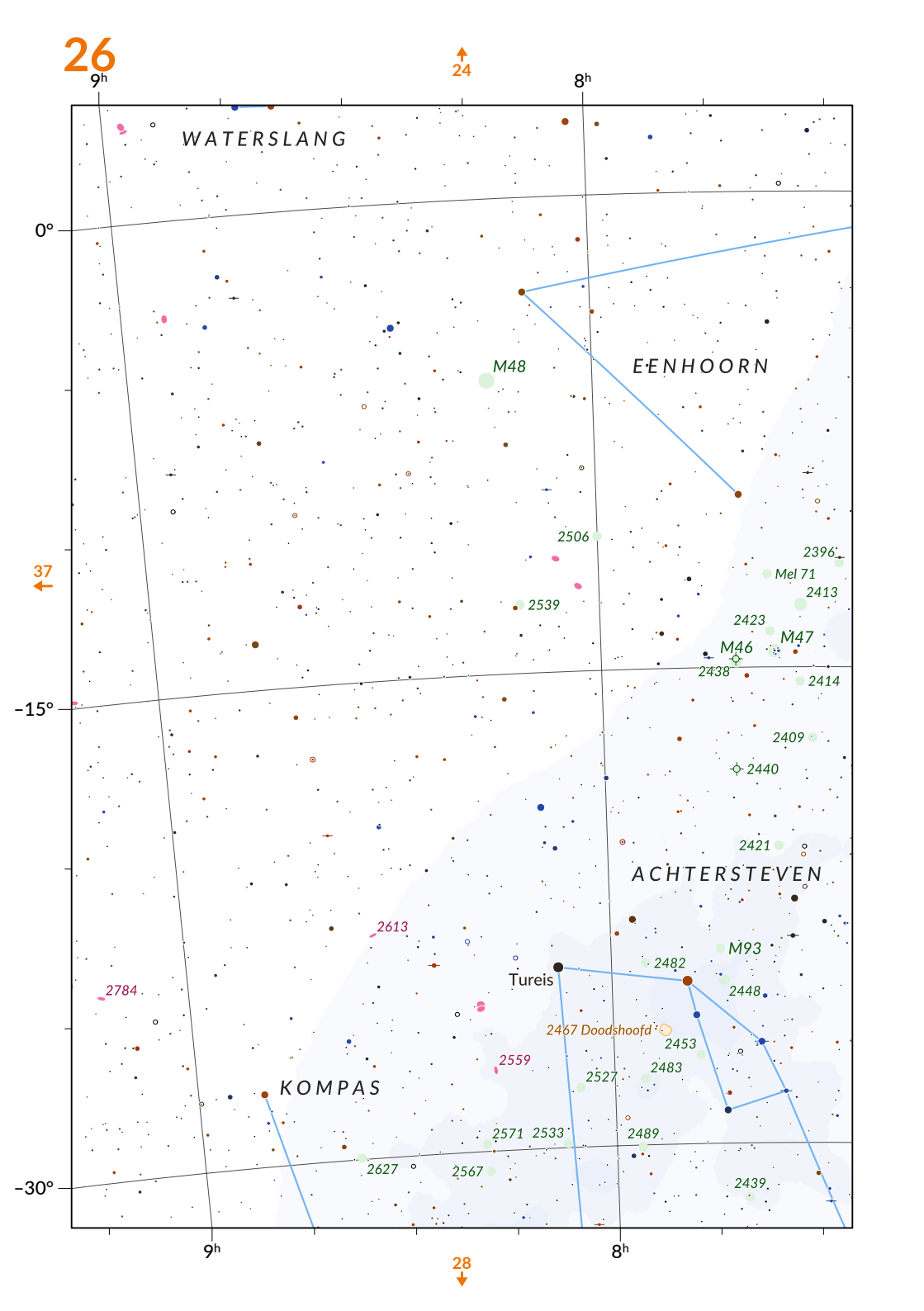

15h
18h
21h
0h
KLEINE BEER
Noordpool
Poolster
188
IC 3568
2300
3h
+75°
2336
2655
2146
31
11
3147
Cr 464
2985
M82 Sigaar
2408
1961
2787
Holmberg II
GIRAFFE
2403
GROTE BEER
+60°
6h
LYNX
8h
7h
22
23

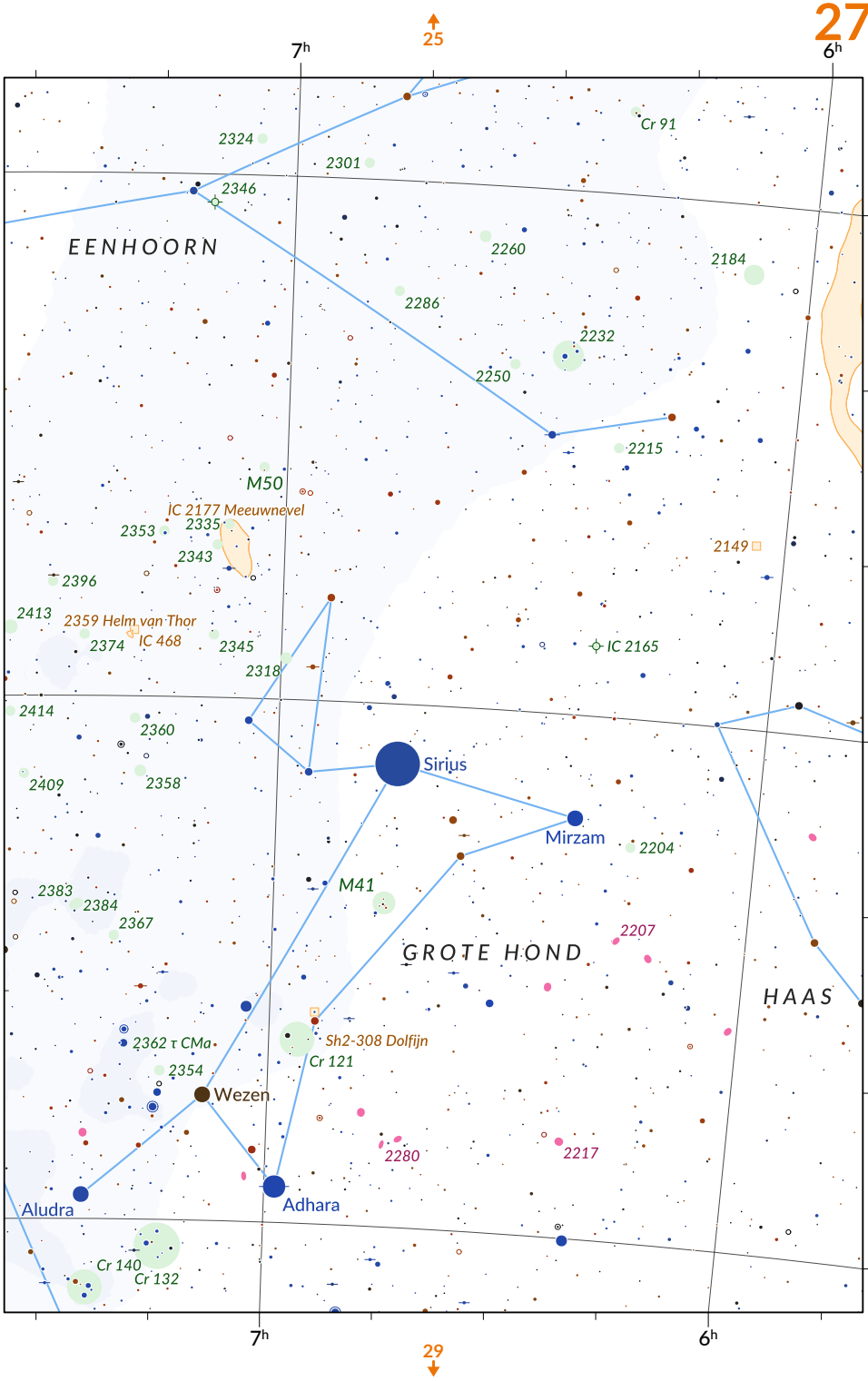

22
31
21
10h
9h
8h
2950
2768
3079
GROTE BEER
2841
2681
+45°
33
LYNX
2859
2419
2683
+30°
Geminiden (14 dec.)
Castor
KREEFT
TWEELINGEN
Pollux
9h
8h
24

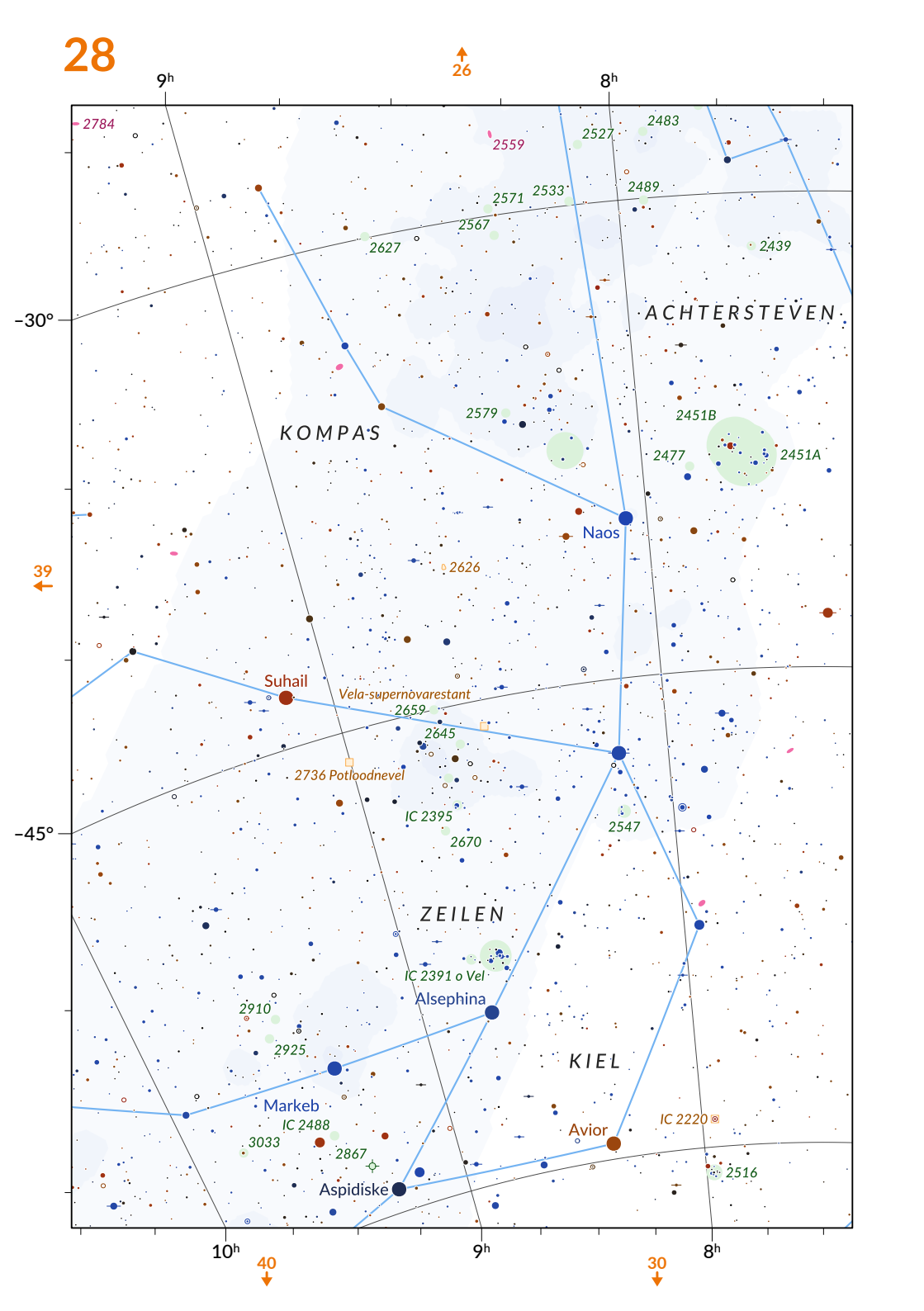

7h
21
6h
11
5h
GIRAFFE
LYNX
1708
Capella
+45°
IC 2149
12
Menkalinan
VOERMAN
Cr 62
2281
M38
Mahasim
M36
M37
+30°
Geminiden (14 dec.)
2331
TWEELINGEN
7h
25
6h

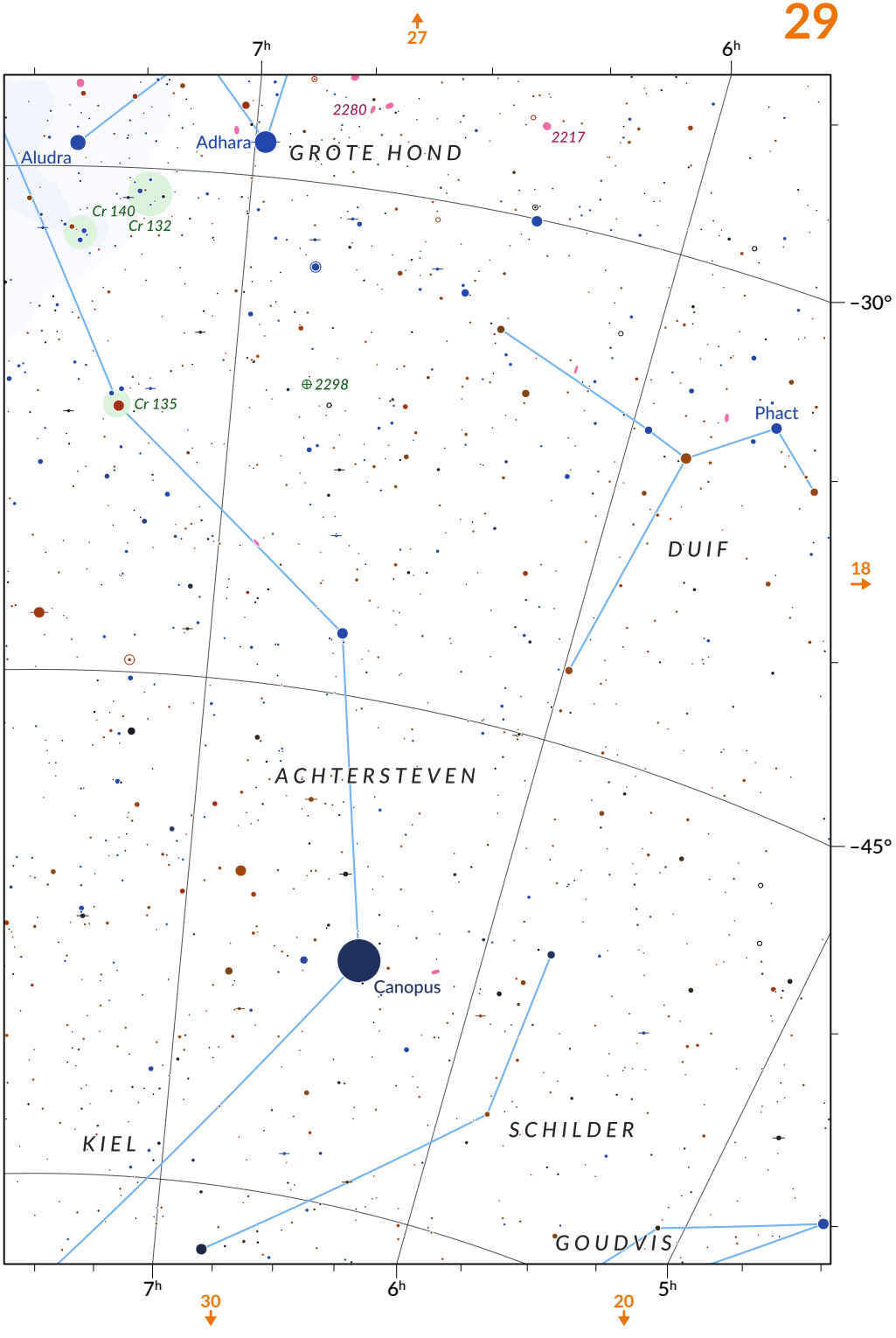

24
22
9h
8h
+30°
+15°
0°
35
26
Castor
TWEELINGEN
Pollux
2420
2392 Eskimonevel
M44 Kribbe
ECLIPTICA
KREEFT
M67
2395
Gomeisa
KLEINE HOND
Procyon
WATERSLANG
EENHOORN

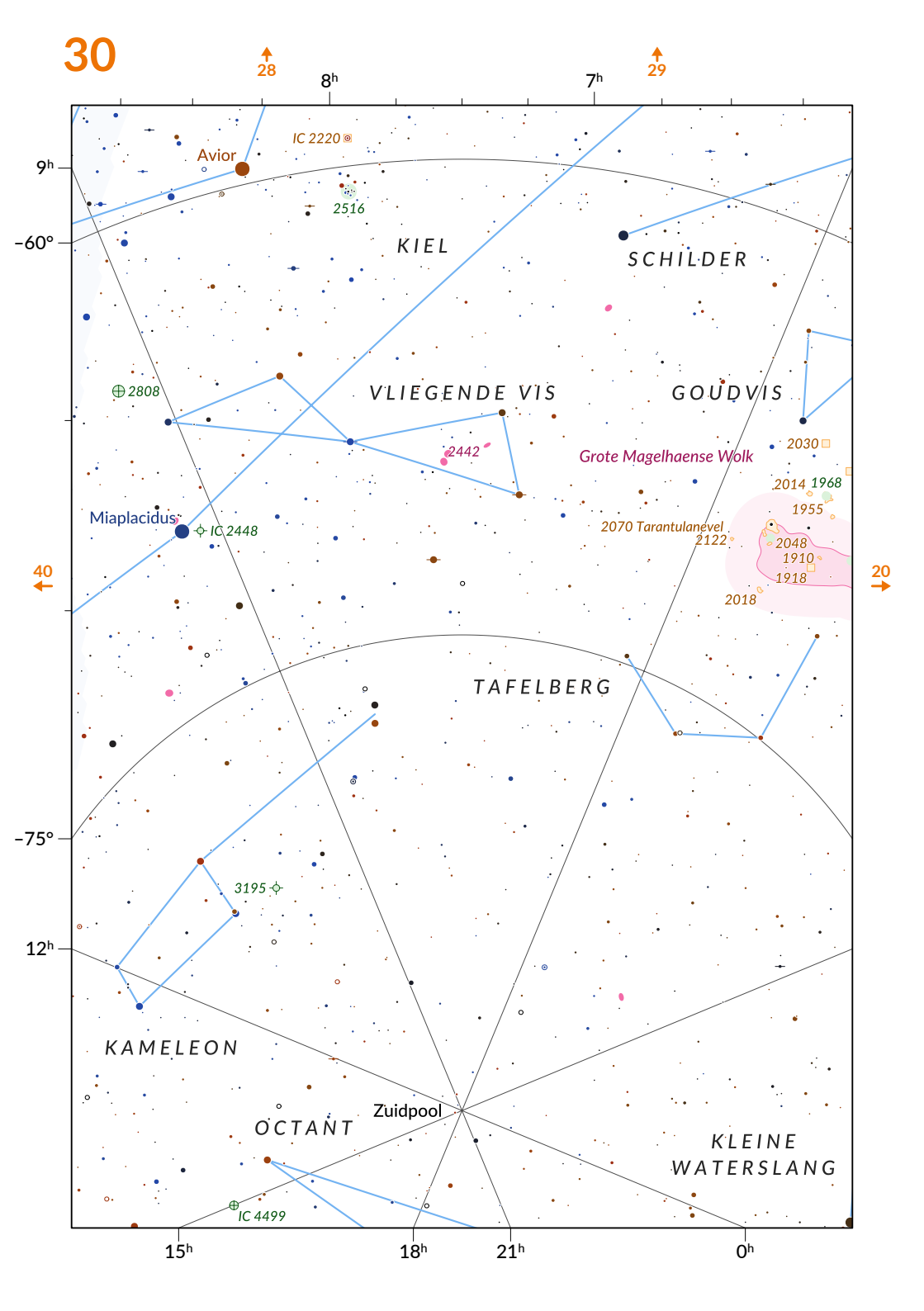

25
23
7h
6h
+30°
2331
M35
Cr 89
2129
ECLIPTICA
Tejat
IC 443 Kwalnevel
2174 Apenkopnevel
2392 Eskimonevel
TWEELINGEN
IC 2162
14
Alhena
+15°
2169 Sterrenhoop 37
2395
2194
ORION
2245
2264 Kerstboom
IC 447
2264N
2261 Hubbles Veranderlijke Nevel
2251
Gomeisa
Betelgeuze
IC 448
2236
Cr 106
2186
KLEINE HOND
Cr 97
Cr 107
2246
2238 Rozetnevel
Cr 91
2324
EENHOORN
0°
2301
2346
2260
2184
7h
6h
27


26
24
9h
8h
WATERSLANG
0°
M48
EENHOORN
2506
2396
Mel 71
2413
37
2539
2423
M47
M46
2438
2414
−15°
2409
2440
2421
ACHTERSTEVEN
2613
M93
2482
Tureis
2784
2448
2467 Doodshoofd
2453
2559
2527
2483
KOMPAS
2571
2533
2489
2627
2567
2439
−30°
9h
8h
28

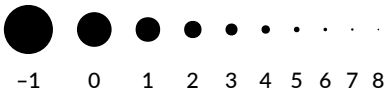

27
25
7h
6h
0°
16
−15°
−30°
29
7h
6h
EENHOORN
GROTE HOND
HAAS
M50
M41
IC 2177 Meeuwnevel
2359 Helm van Thor
IC 468
IC 2165
Cr 91
Sirius
Mirzam
Wezen
Adhara
Aludra
2362 τ CMa
Sh2-308 Dolfijn
Cr 121
Cr 140
Cr 132
2324
2301
2346
2260
2184
2286
2232
2250
2215
2149
2396
2413
2374
2345
2318
2414
2360
2409
2358
2204
2383
2384
2367
2207
2354
2280
2217


28
26
9h
8h
2784
2559
2527
2483
2571
2533
2489
2567
2627
2439
ACHTERSTEVEN
−30°
KOMPAS
2579
2451B
2477
2451A
Naos
39
2626
Suhail
Vela-supernovarestant
2659
2645
2736 Potloodnevel
IC 2395
2670
2547
−45°
ZEILEN
IC 2391 o Vel
Alsephina
2910
2925
KIEL
Markeb
IC 2488
3033
2867
Avior
IC 2220
2516
Aspidiske
10h
9h
8h
40
30


27
7h
6h
2280
2217
Aludra
Adhara
GROTE HOND
Cr 140
Cr 132
−30°
2298
Cr 135
Phact
DUIF
18
ACHTERSTEVEN
−45°
Canopus
KIEL
SCHILDER
GOUDVIS
7h
6h
5h
30
20


30
28
29
8h
7h
9h
−60°
−75°
40
20
12h
15h
18h
21h
0h
Avior
IC 2220
2516
KIEL
SCHILDER
2808
VLIEGENDE VIS
GOUDVIS
2442
Grote Magelhaense Wolk
2030
2014
1968
1955
Miaplacidus
IC 2448
2070 Tarantulanevel
2122
2048
1910
1918
2018
TAFELBERG
3195
KAMELEON
Zuidpool
OCTANT
KLEINE WATERSLANG
IC 4499

Legenda



Magnitude van de sterren

Dubbelster

Veranderlijke ster (max. en min.)

Radiant van een meteorenzwerm

Sterrenbeeldfiguur

Ecliptica

Baan (1 januari)

Sterrenstelsel

Open sterrenhoop

Bolvormige sterrenhoop

Nevel

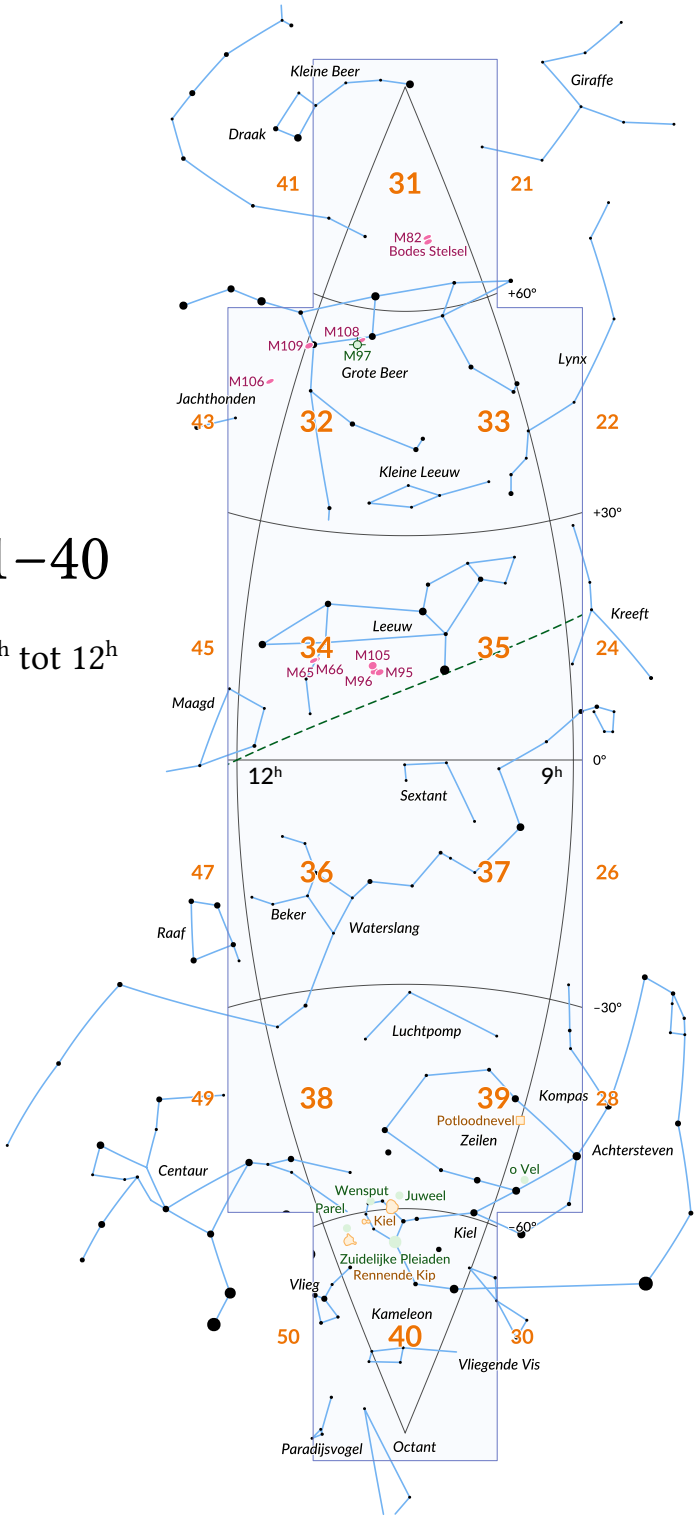
Donkere nevel

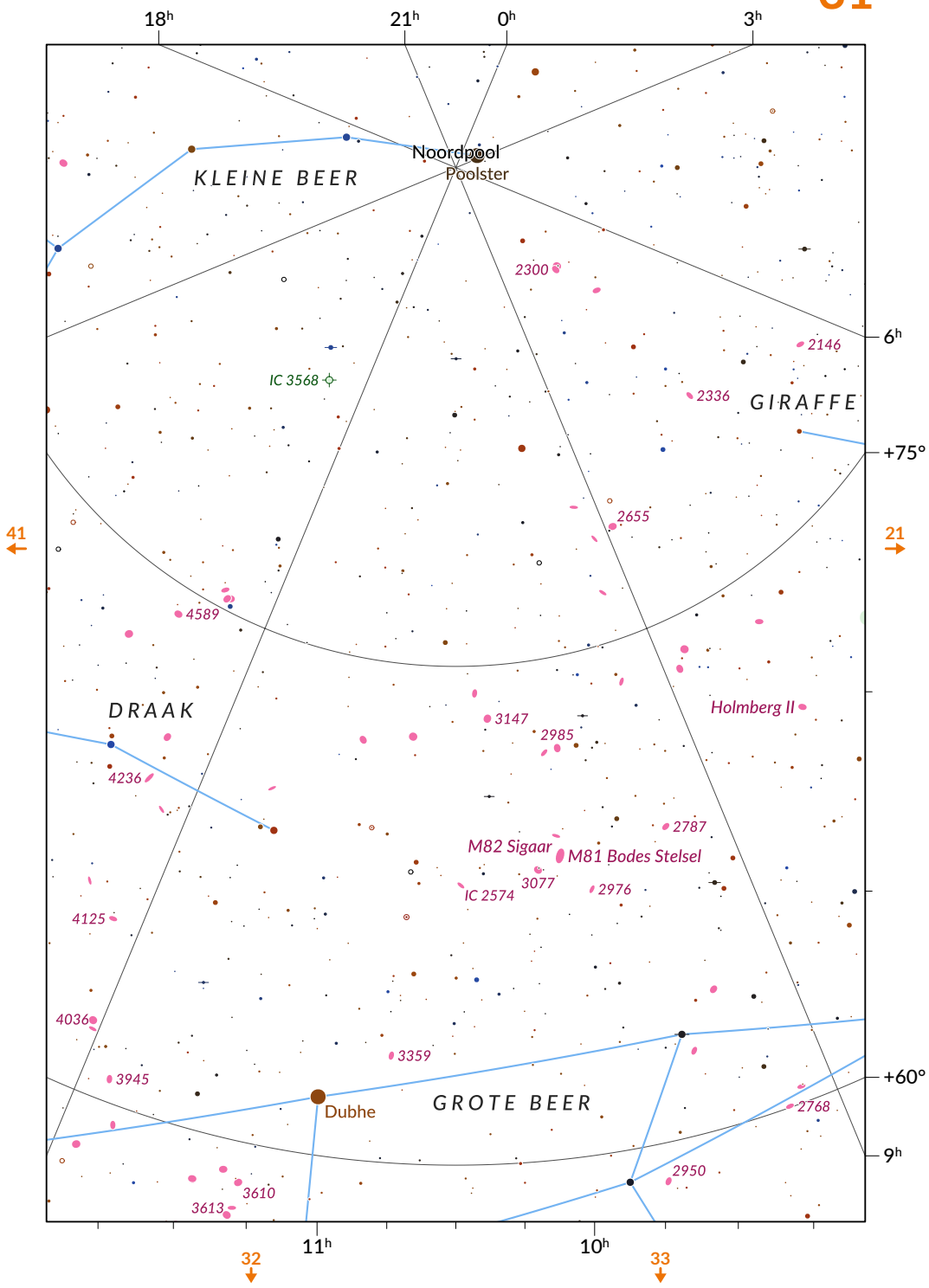
Planetaire nevel

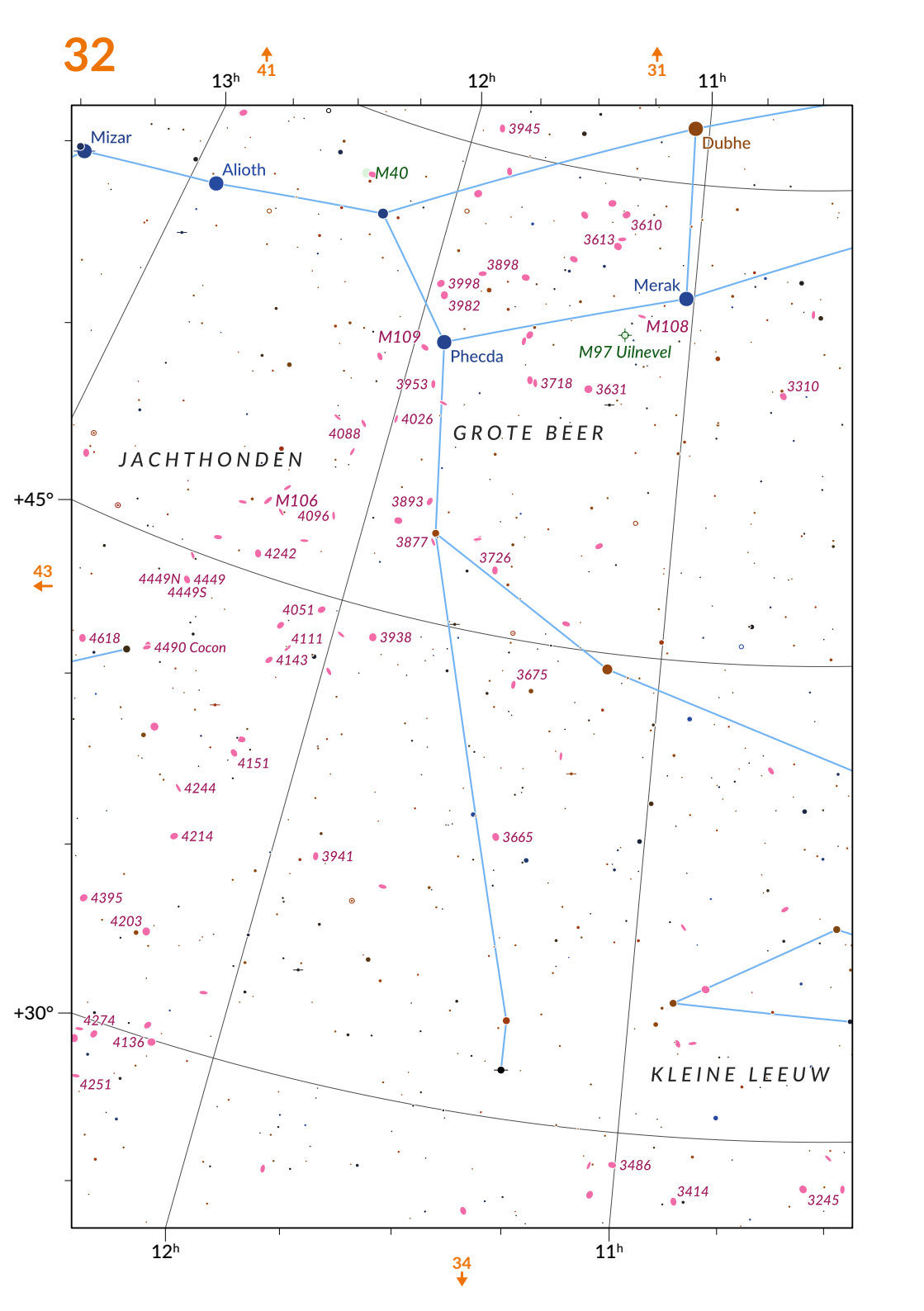
Kaarten 31–40

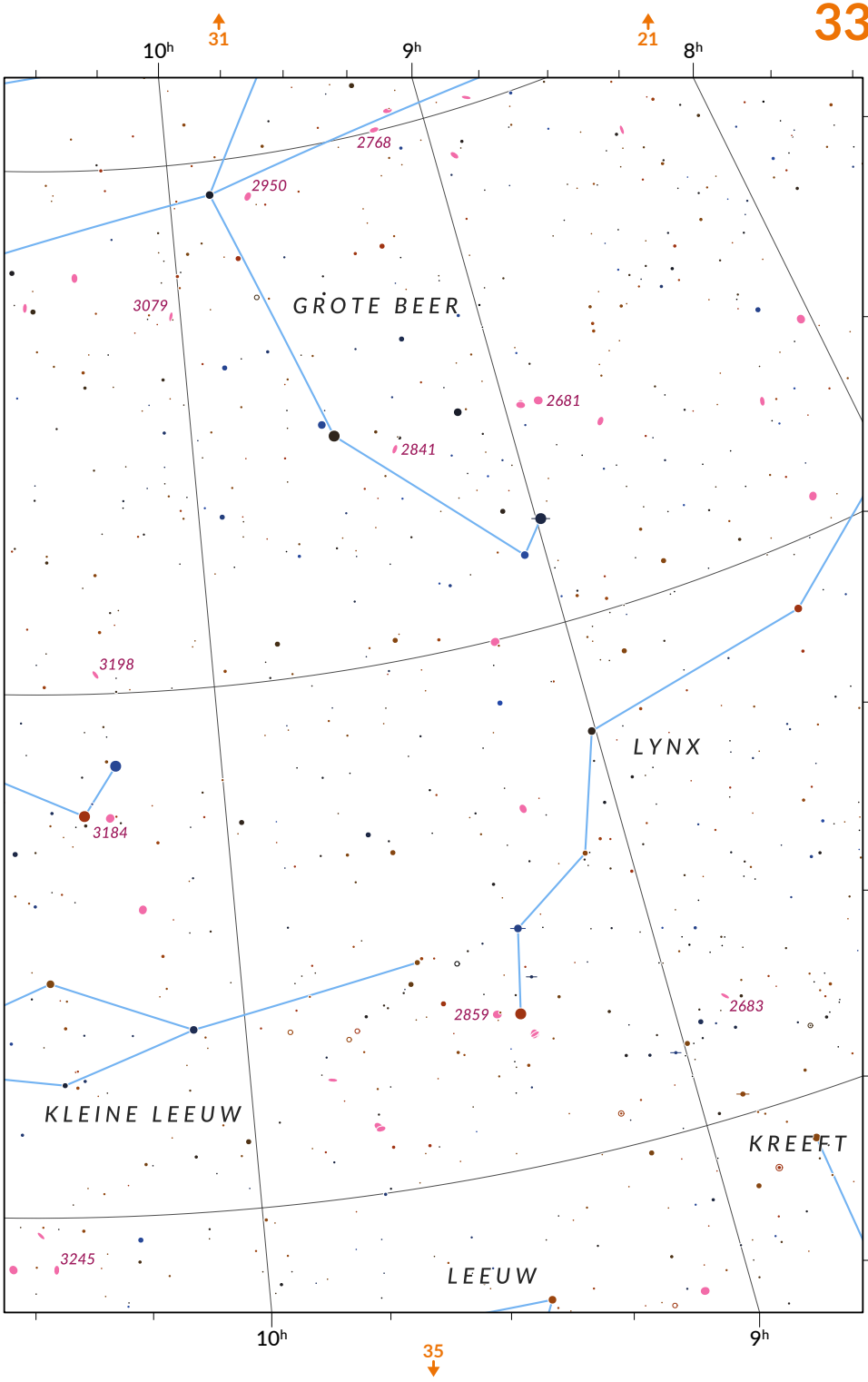
Rechte klimming 9^h tot 12^h

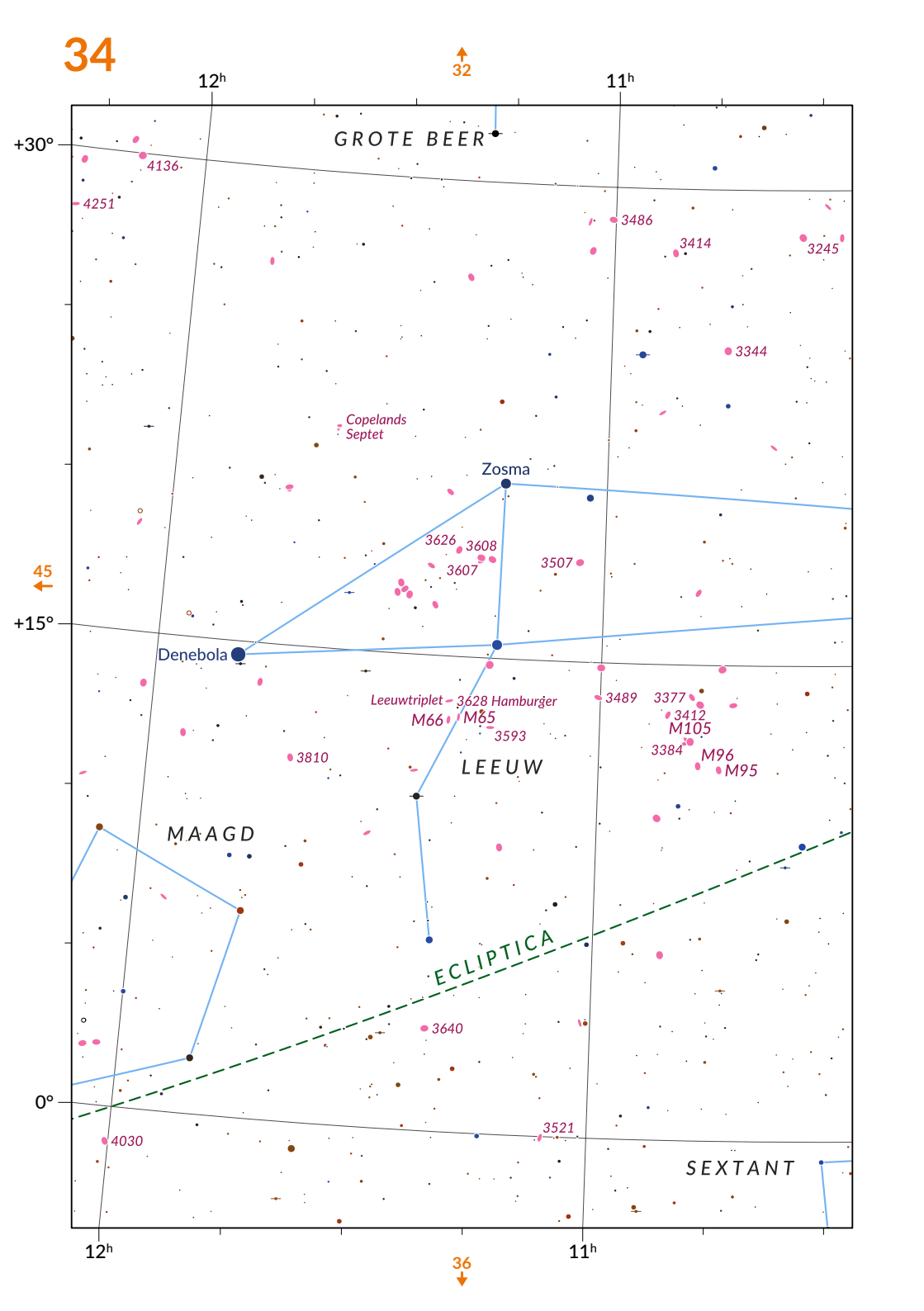
April

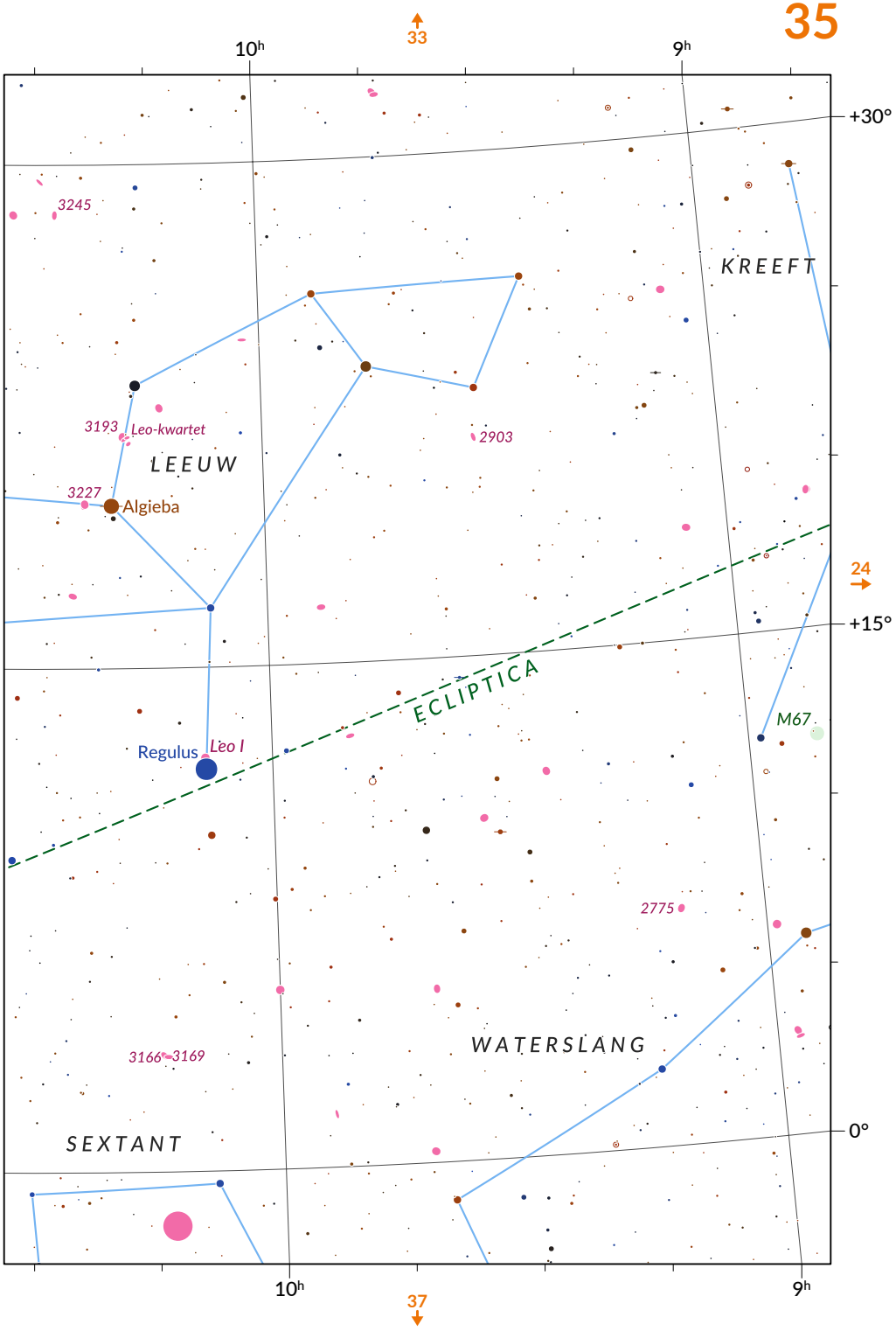


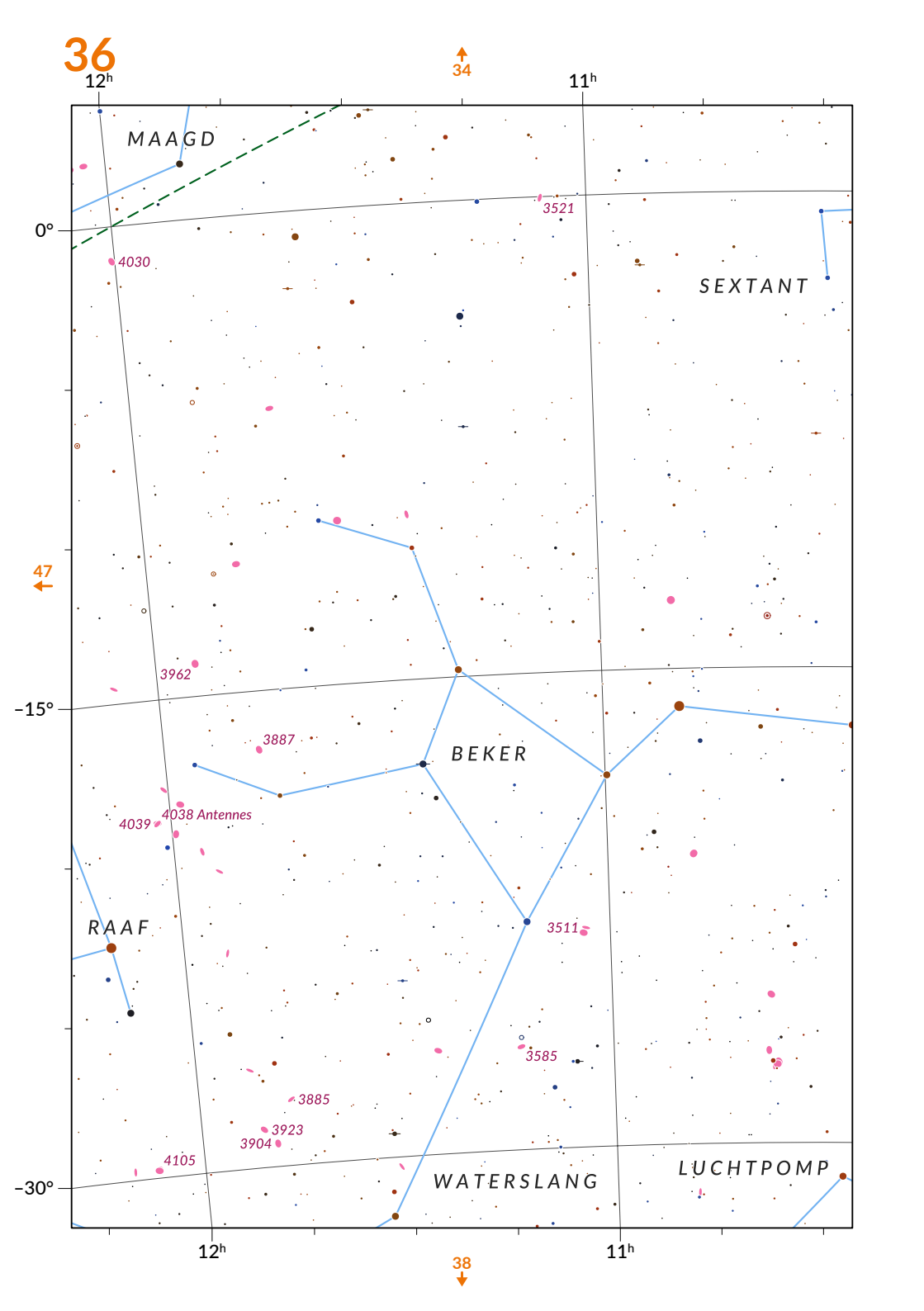

18h
21h
0h
3h
KLEINE BEER
Noordpool
Poolster
2300
6h
2146
IC 3568
2336
GIRAFFE
+75°
41
21
2655
4589
DRAAK
Holmberg II
3147
2985
4236
2787
M82 Sigaar
M81 Bodes Stelsel
3077
IC 2574
2976
4125
4036
3359
3945
+60°
Dubhe
GROTE BEER
2768
9h
2950
3610
3613
11h
10h
32
33

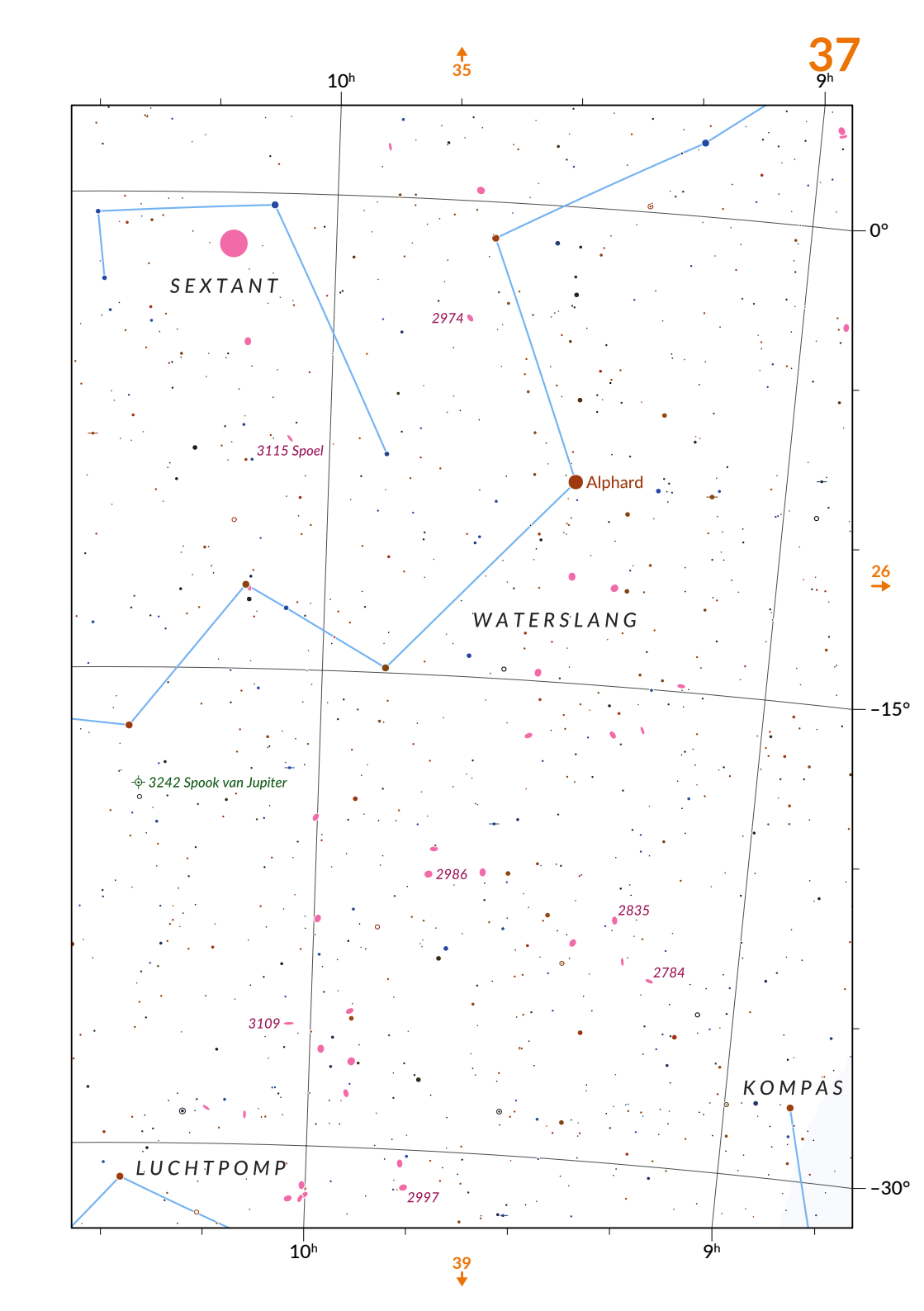

32
41
31
13h
12h
11h
Mizar
Alioth
M40
Dubhe
Merak
Phecda
M109
M108
M97 Uilnevel
3945
3610
3613
3898
3998
3982
3953
3718
3631
3310
4026
4088
GROTE BEER
JACHTHONDEN
+45°
M106
4096
3893
3877
3726
4242
43
4449N
4449
4449S
4051
4618
4490 Cocon
4111
4143
3938
3675
4151
4244
4214
3665
3941
4395
4203
+30°
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4136
4251
KLEINE LEEUW
3486
3414
3245
12h
11h
34

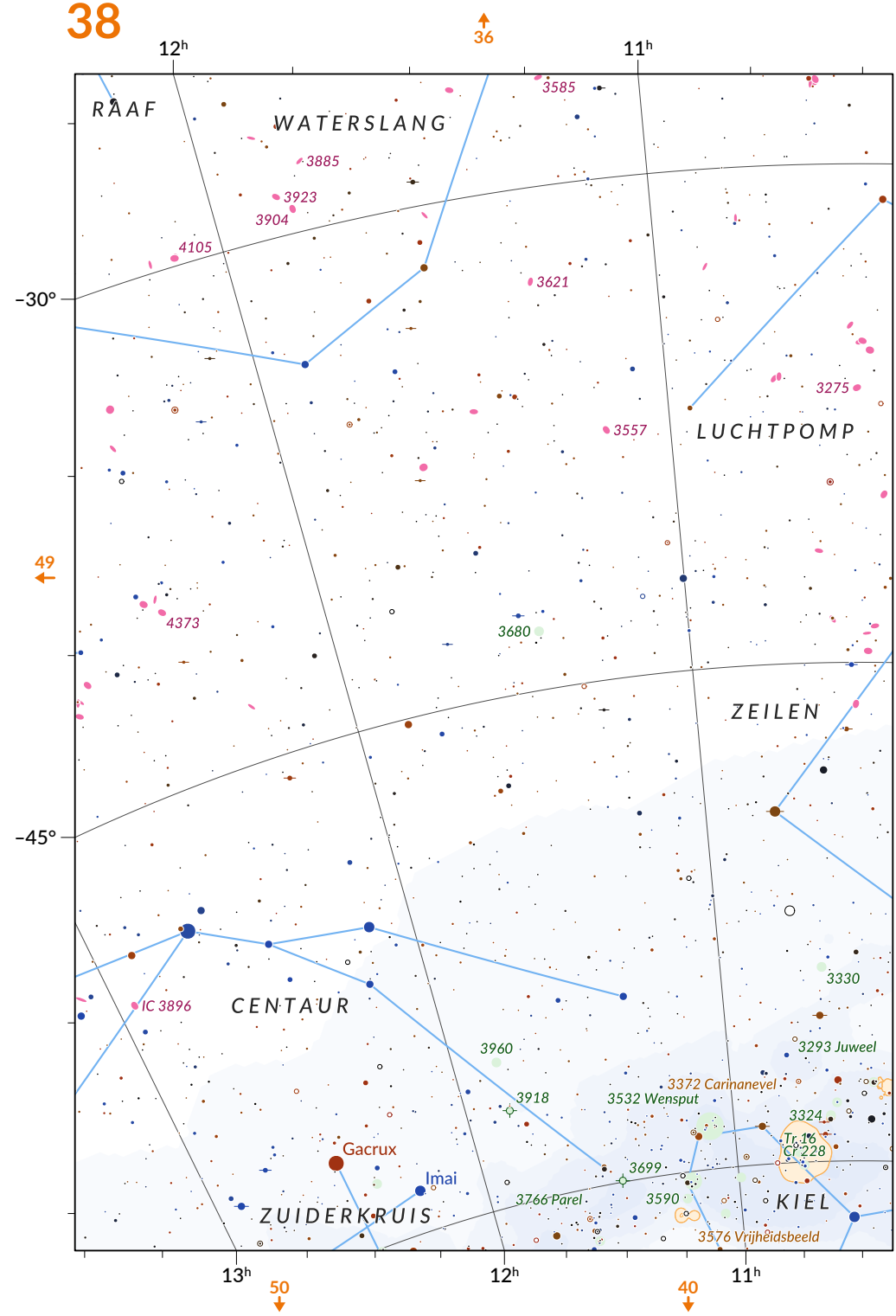

10h
9h
8h
31
21
22
35
+45°
+30°
2768
2950
3079
GROTE BEER
2681
2841
3198
LYNX
3184
2859
2683
KLEINE LEEUW
KREEFT
3245
LEEUW

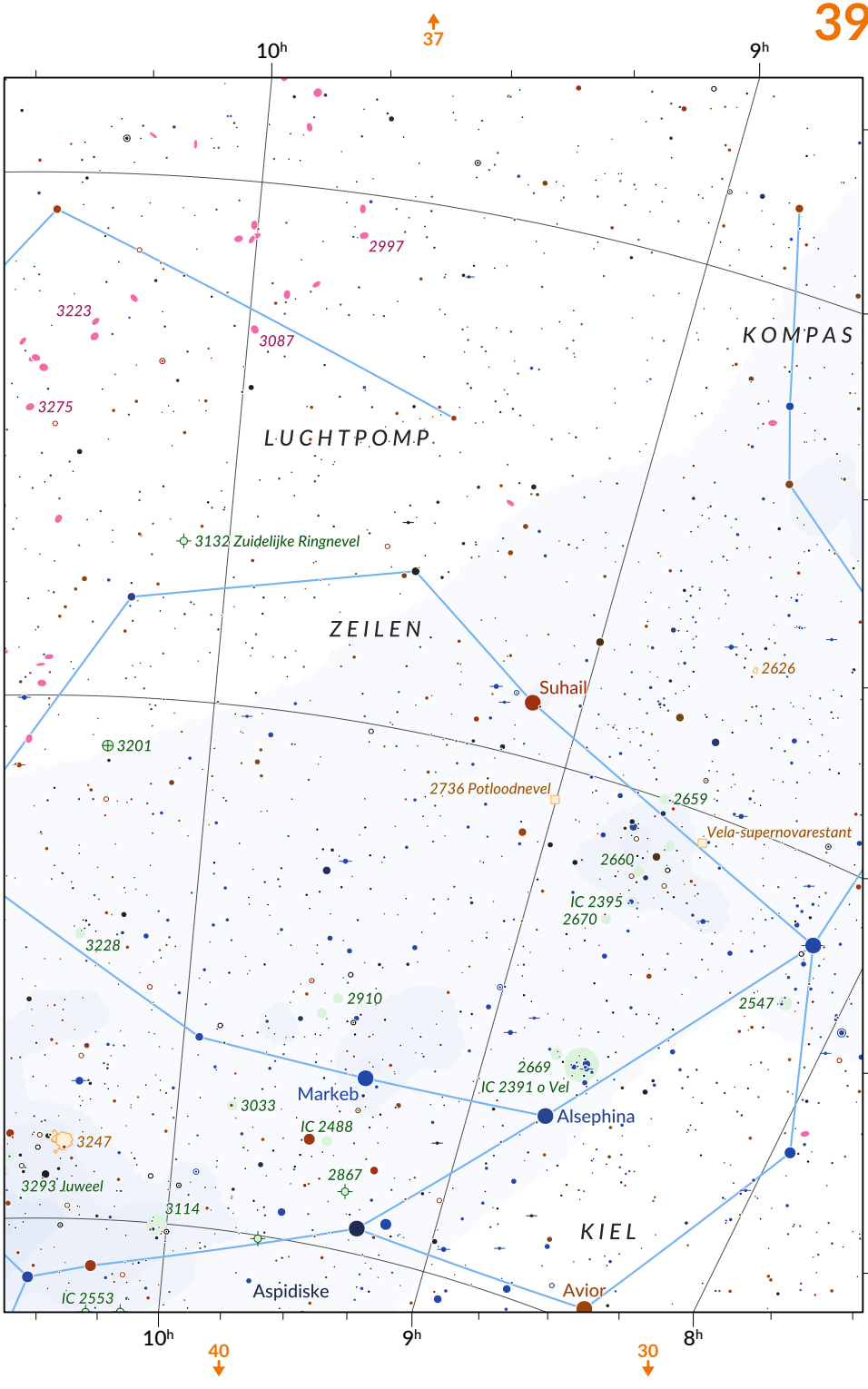

34
32
12h
11h
+30°
GROTE BEER
4136
4251
3486
3414
3245
3344
Copelands
Septet
Zosma
3626
3608
3607
3507
45
+15°
Denebola
Leeuwtriplet
3628 Hamburger
M66
M65
3593
3489
3377
3412
M105
3384
M96
M95
3810
LEEUW
MAAGD
ECLIPTICA
3640
0°
4030
3521
SEXTANT
12h
11h
36

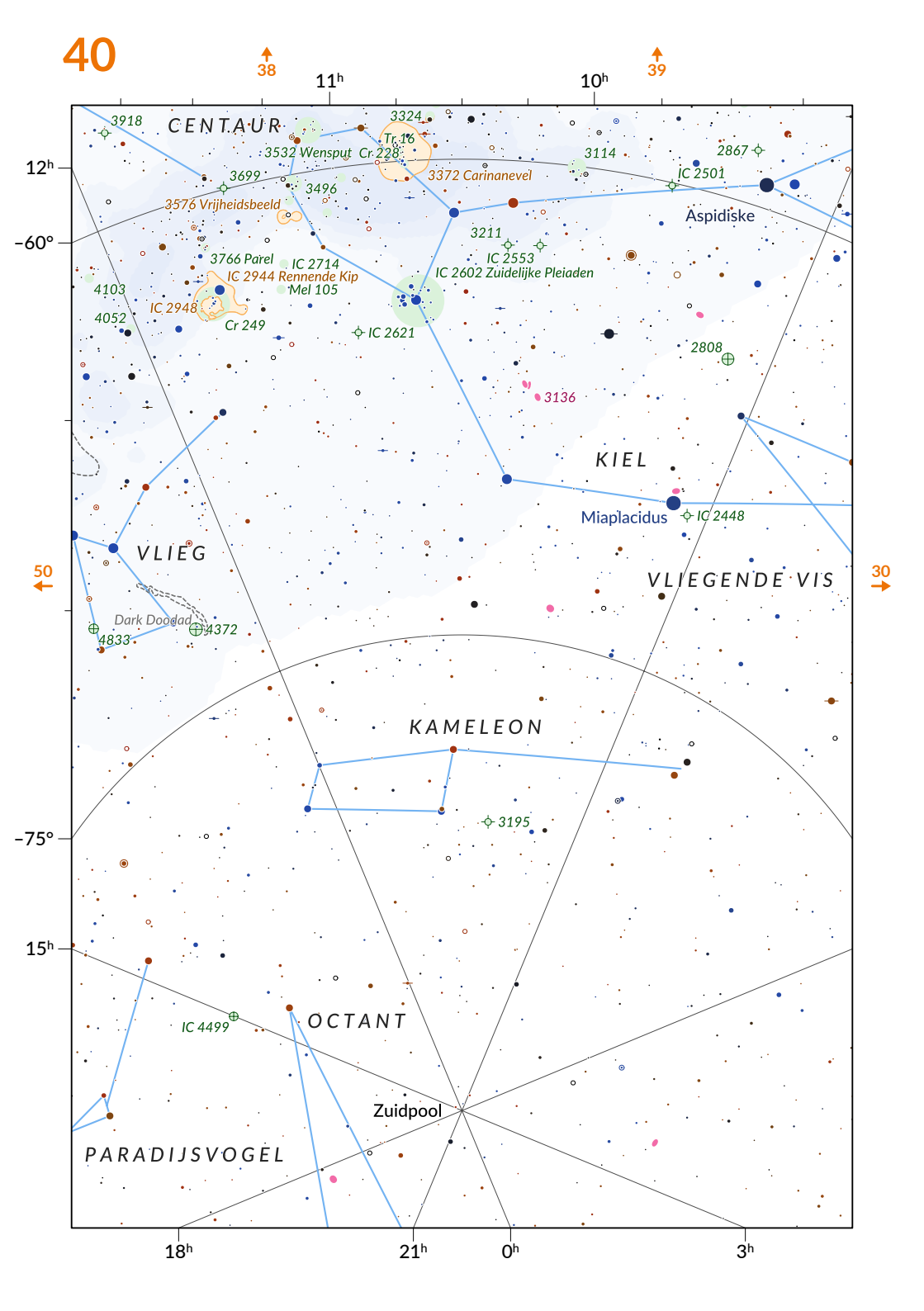

33
10h
9h
+30°
3245
KREEFT
3193
Leo-kwartet
2903
LEEUW
3227
Algieba
24
+15°
ECLIPTICA
M67
Regulus
Leo I
2775
WATERSLANG
3166-3169
SEXTANT
0°
10h
9h
37


36
34
12h
11h
MAAGD
0°
4030
3521
SEXTANT
47
3962
−15°
3887
BEKER
4039
4038 Antennes
RAAF
3511
3585
3885
3923
3904
4105
−30°
WATERSLANG
LUCHTPOMP
12h
11h
38

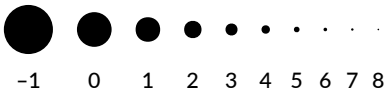

37
35
10h
9h
0°
SEXTANT
2974
3115 Spoel
Alphard
26
WATERSLANG
−15°
3242 Spook van Jupiter
2986
2835
2784
3109
KOMPAS
LUCHTPOMP
2997
−30°
10h
9h
39


36
12h
11h
RAAF
WATERSLANG
3585
3885
3923
3904
4105
3621
3275
3557
LUCHTPOMP
−30°
49
4373
3680
ZEILEN
−45°
IC 3896
CENTAUR
3330
3960
3293 Juweel
3372 Carinanevel
3918
3532 Wensput
3324
Tr 16
Cr 228
Gacrux
Imai
3699
3766 Parel
3590
KIEL
ZUIDERKRUIS
3576 Vrijheidsbeeld
13h
12h
11h
50
40


37
10h
9h
2997
3223
3087
3275
KOMPAS
−30°
LUCHTPOMP
3132 Zuidelijke Ringnevel
28
ZEILEN
2626
Suhail
3201
2736 Potloodnevel
2659
Vela-supernovarestant
2660
−45°
IC 2395
2670
3228
2910
2547
2669
IC 2391 o Vel
Markeb
Alsephina
3033
IC 2488
3247
2867
3293 Juweel
3114
KIEL
IC 2553
Aspidiske
Avior
10h
9h
8h
40
30


40
38
39
11h
10h
12h
−60°
50
30
−75°
15h
18h
21h
0h
3h
CENTAUR
3918
3324
Tr 16
3532 Wensput
Cr 228
3372 Carinanevel
3114
2867
IC 2501
3699
3496
3576 Vrijheidsbeeld
Aspidiske
3211
IC 2553
IC 2602 Zuidelijke Pleiaden
3766 Parel
IC 2714
IC 2944 Rennende Kip
Mel 105
4103
IC 2948
4052
Cr 249
IC 2621
2808
3136
KIEL
Miaplacidus
IC 2448
VLIEG
VLIEGENDE VIS
Dark Doodad
4372
4833
KAMELEON
3195
IC 4499
OCTANT
Zuidpool
PARADIJSVOGEL

Legenda



Magnitude van de sterren

Dubbelster

Veranderlijke ster (max. en min.)

Radiant van een meteorenzwerm

Sterrenbeeldfiguur

Ecliptica

Baan (1 januari)

Sterrenstelsel

Open sterrenhoop

Bolvormige sterrenhoop

Nevel

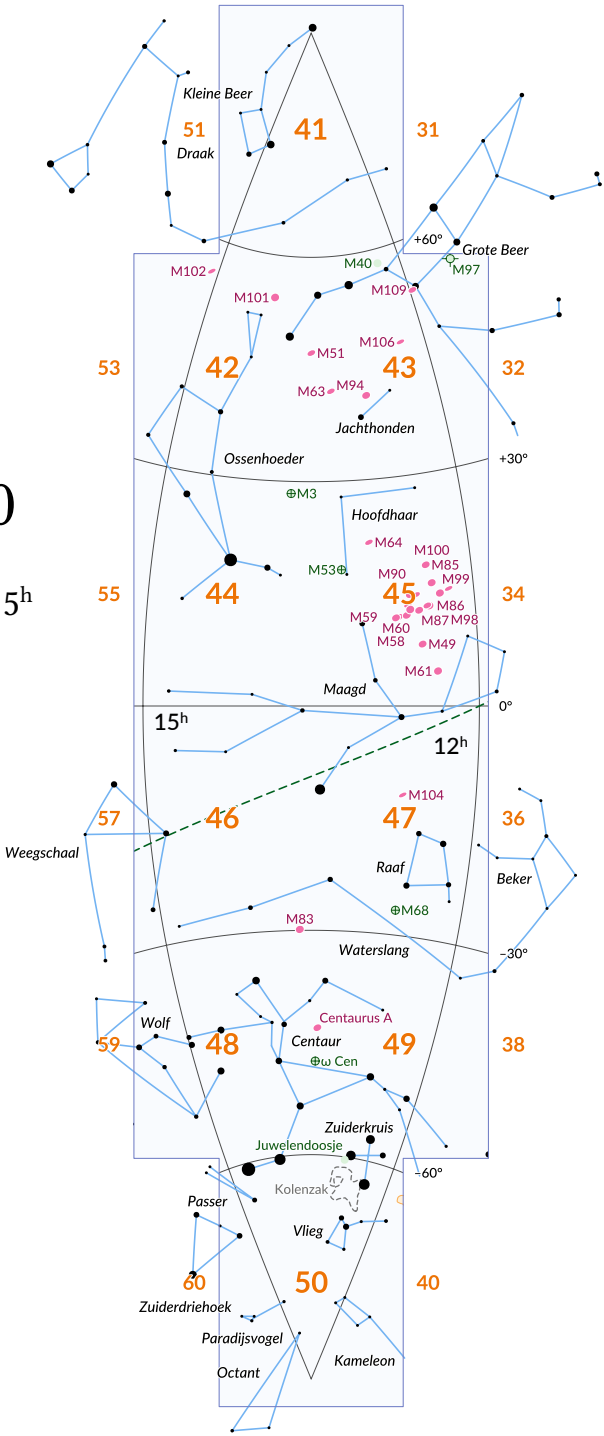
Donkere nevel

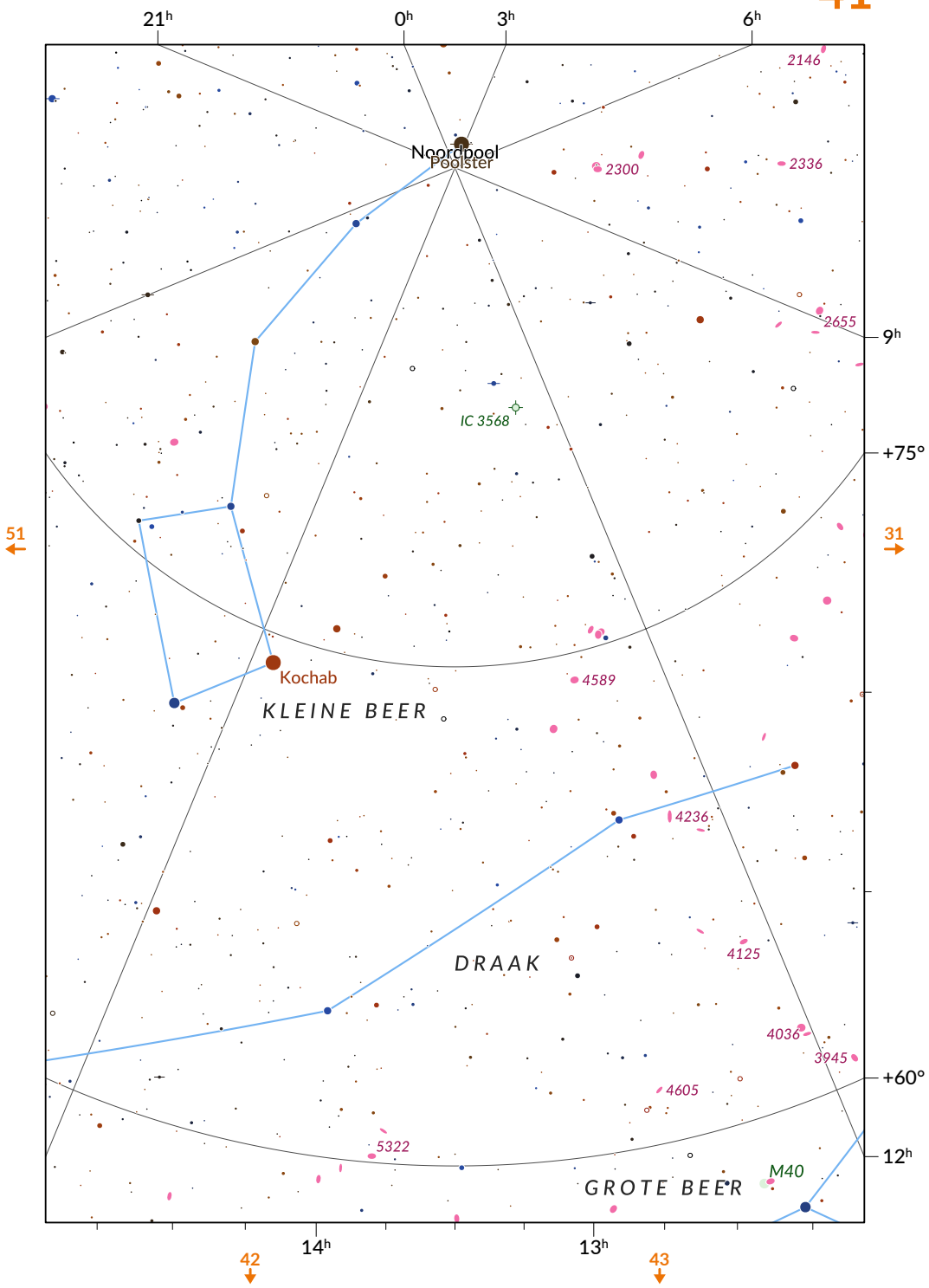
Planetaire nevel

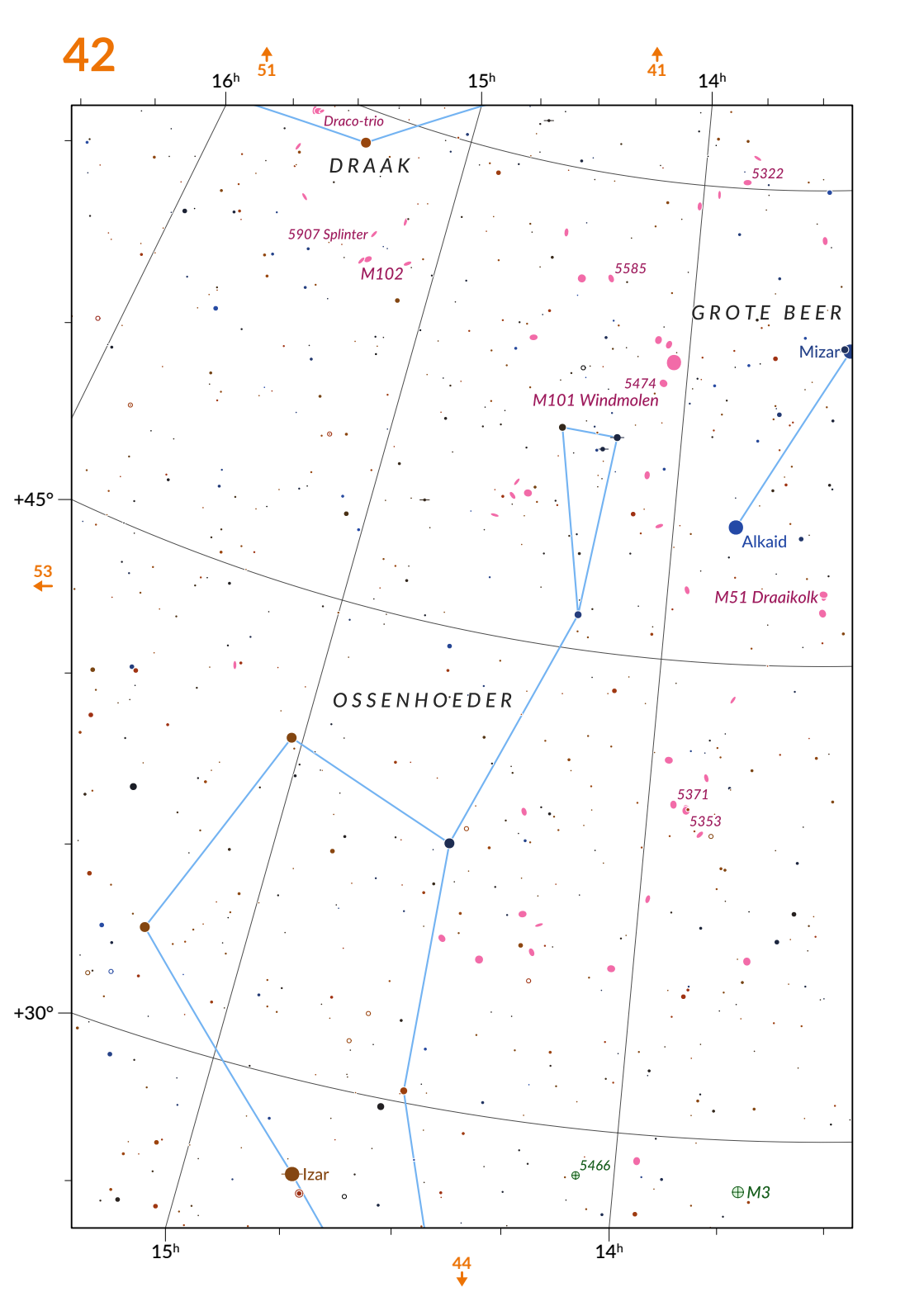
Kaarten 41–50

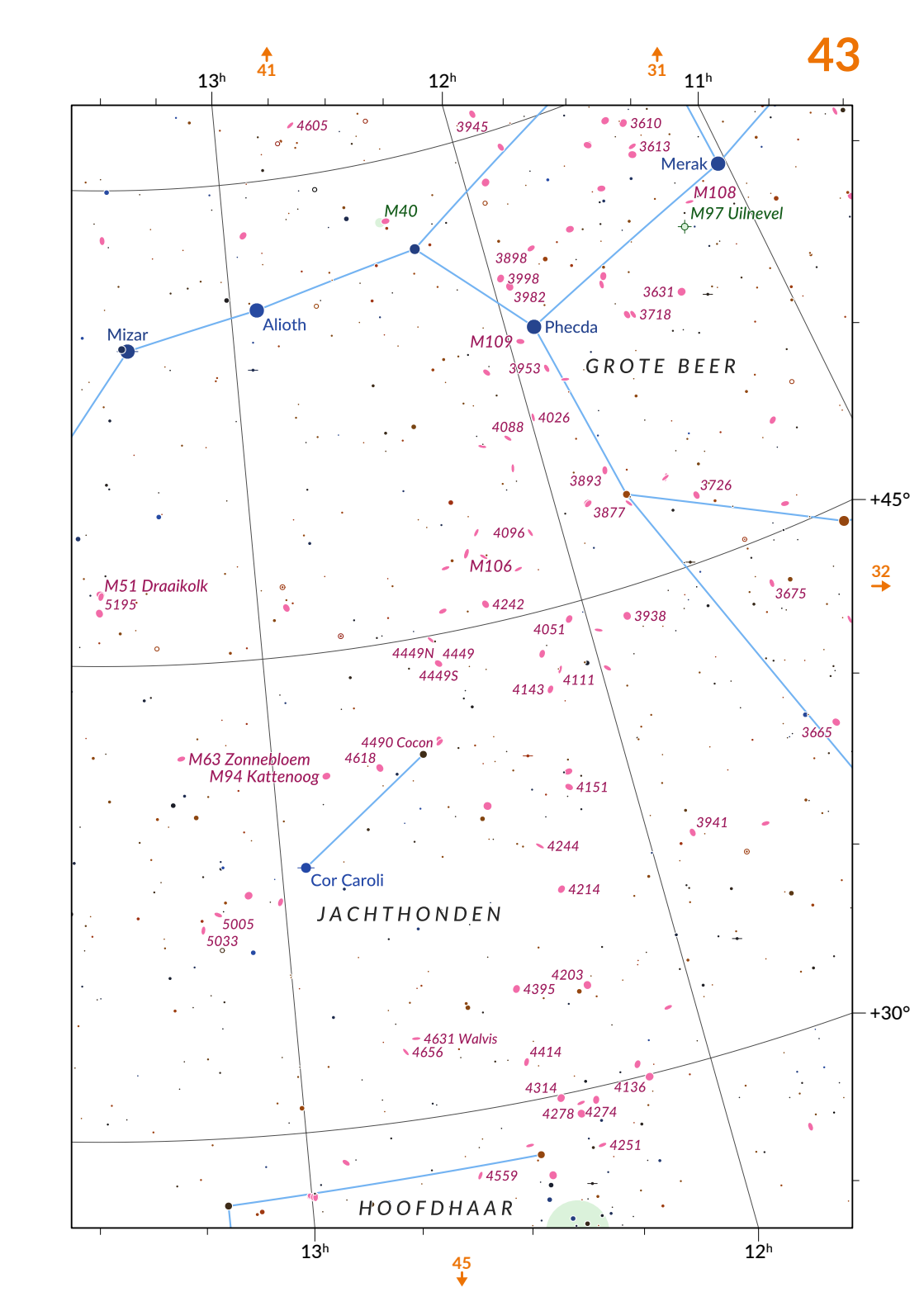
Rechte klimming 12^h tot 15^h

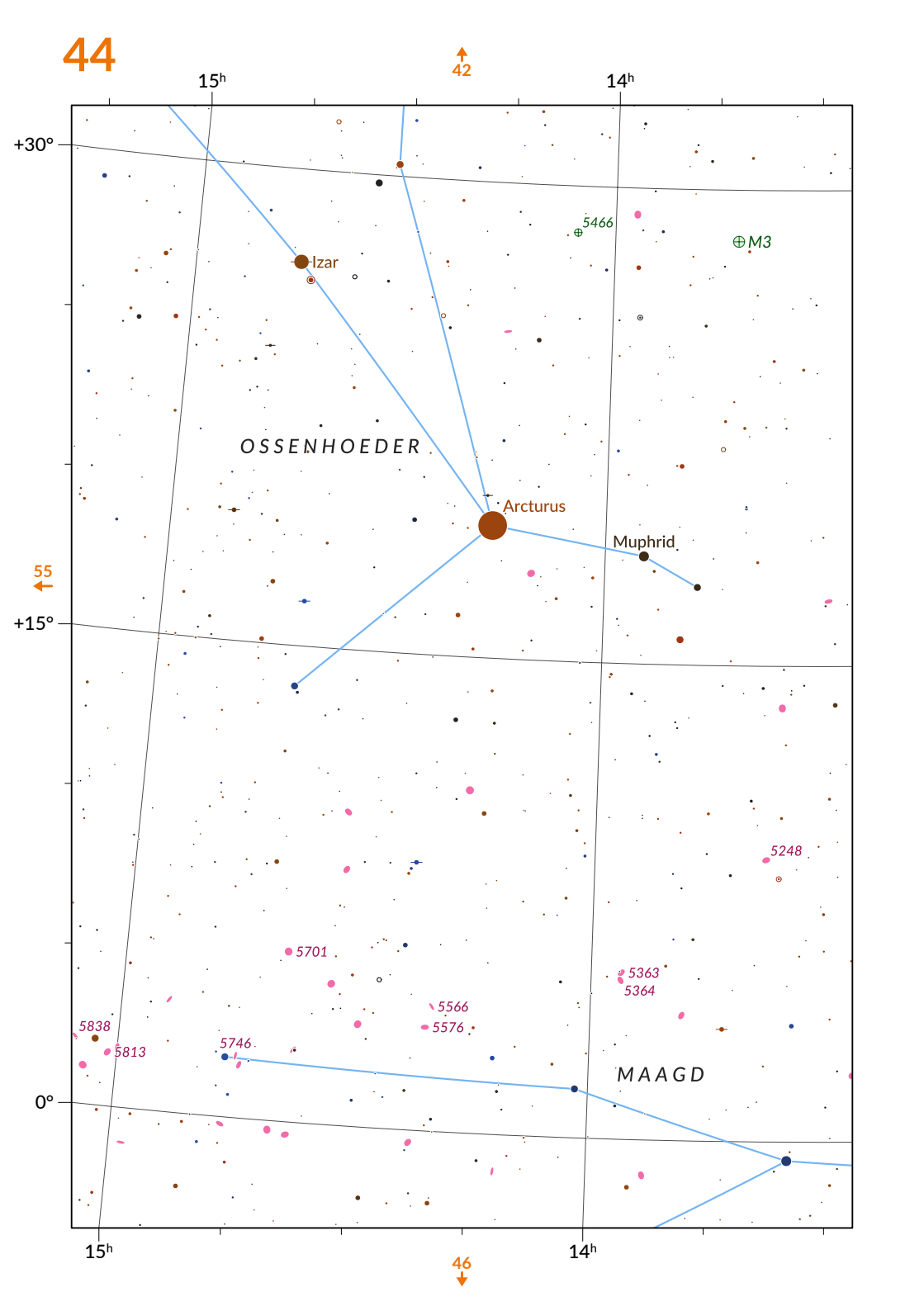
Mei/juni

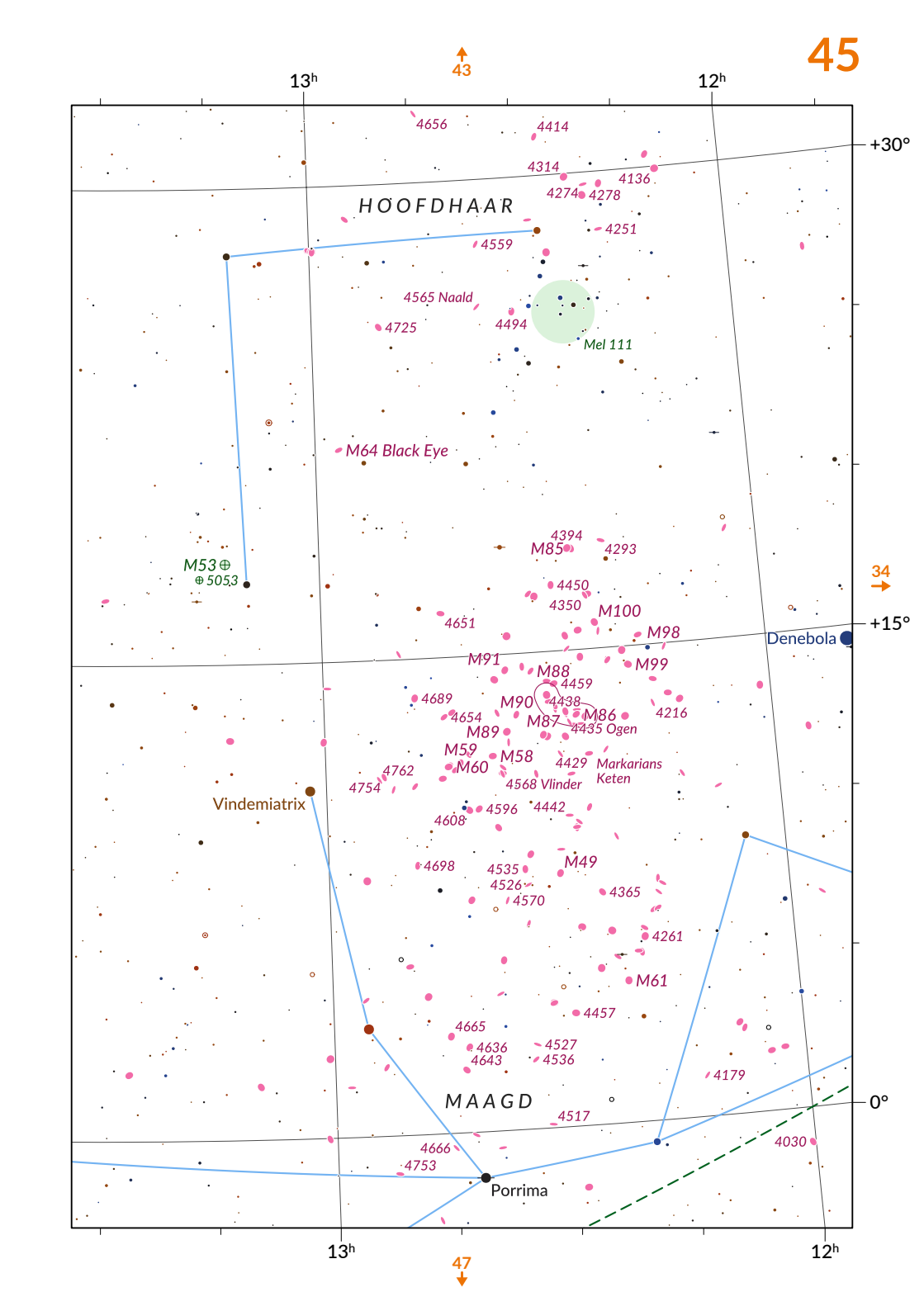


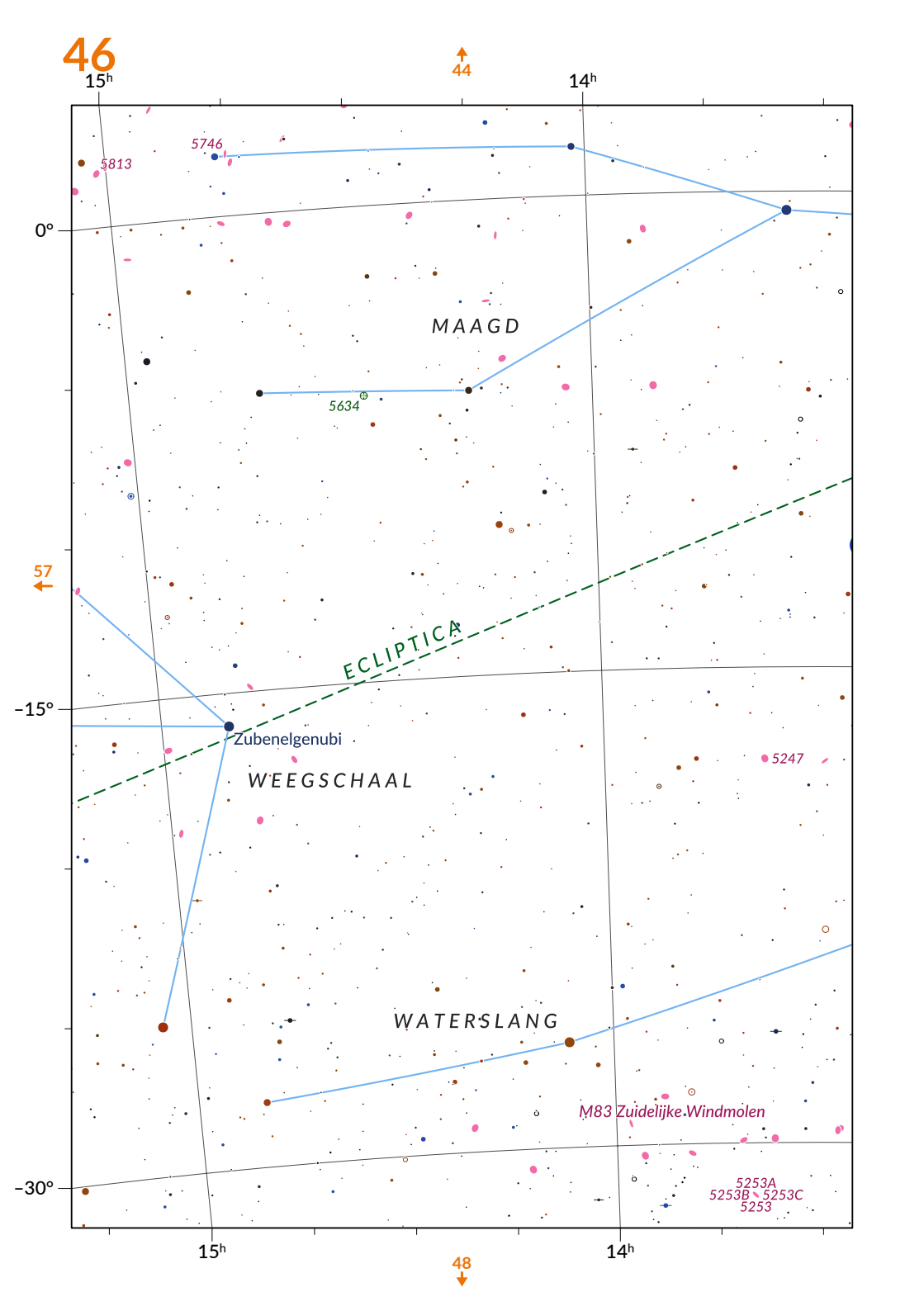

21h
0h
3h
6h
Noordpool
Poolster
2146
2300
2336
2655
9h
IC 3568
+75°
51
31
Kochab
4589
KLEINE BEER
4236
DRAAK
4125
4036
3945
+60°
4605
5322
M40
GROTE BEER
12h
14h
13h
42
43

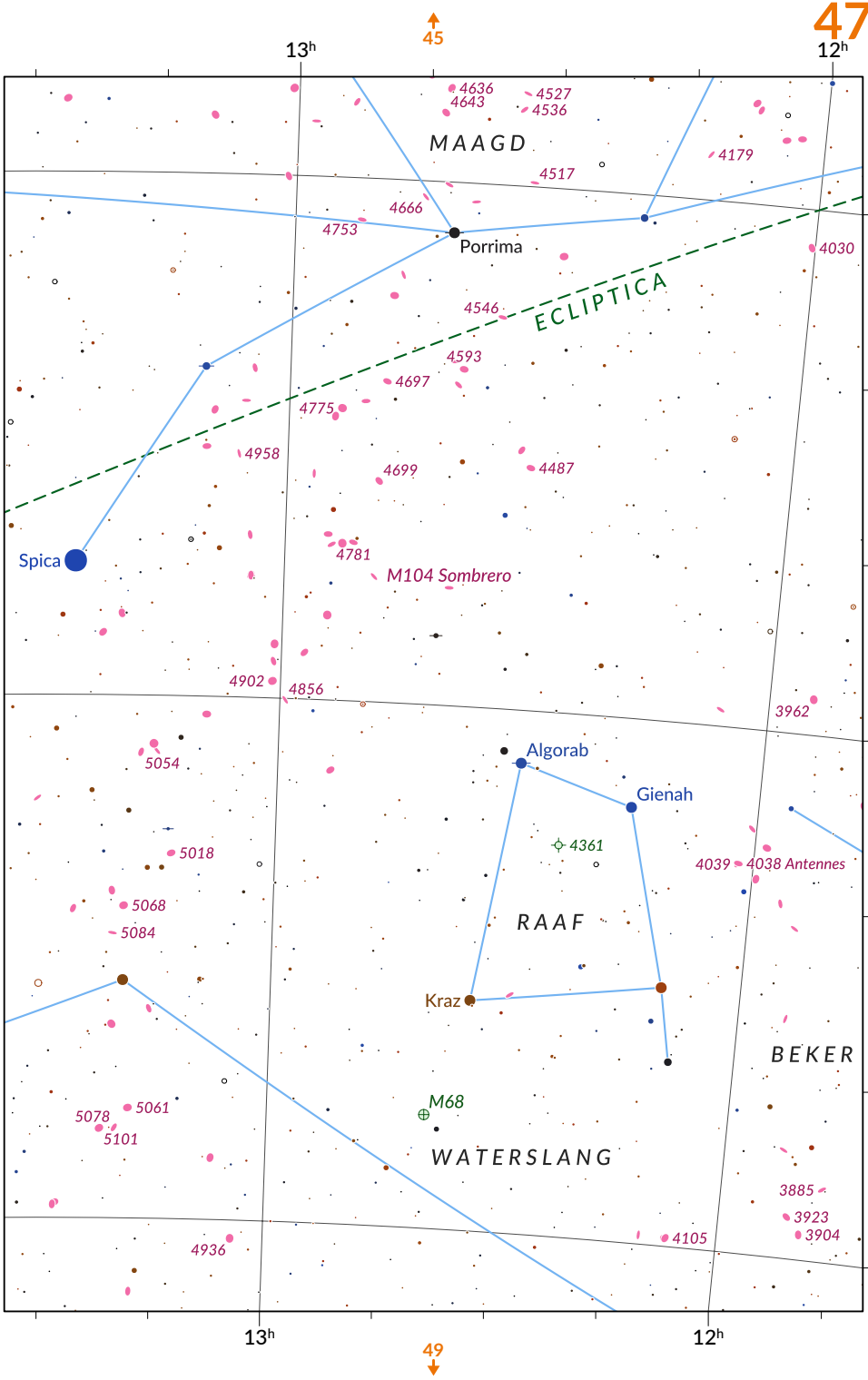

42
16h
51
15h
41
14h
Draco-trio
DRAAK
5322
5907 Splinter
M102
5585
GROTE BEER
Mizar
5474
M101 Windmolen
+45°
Alkaid
53
M51 Draaikolk
OSSENHOEDER
5371
5353
+30°
Izar
5466
M3
15h
44
14h

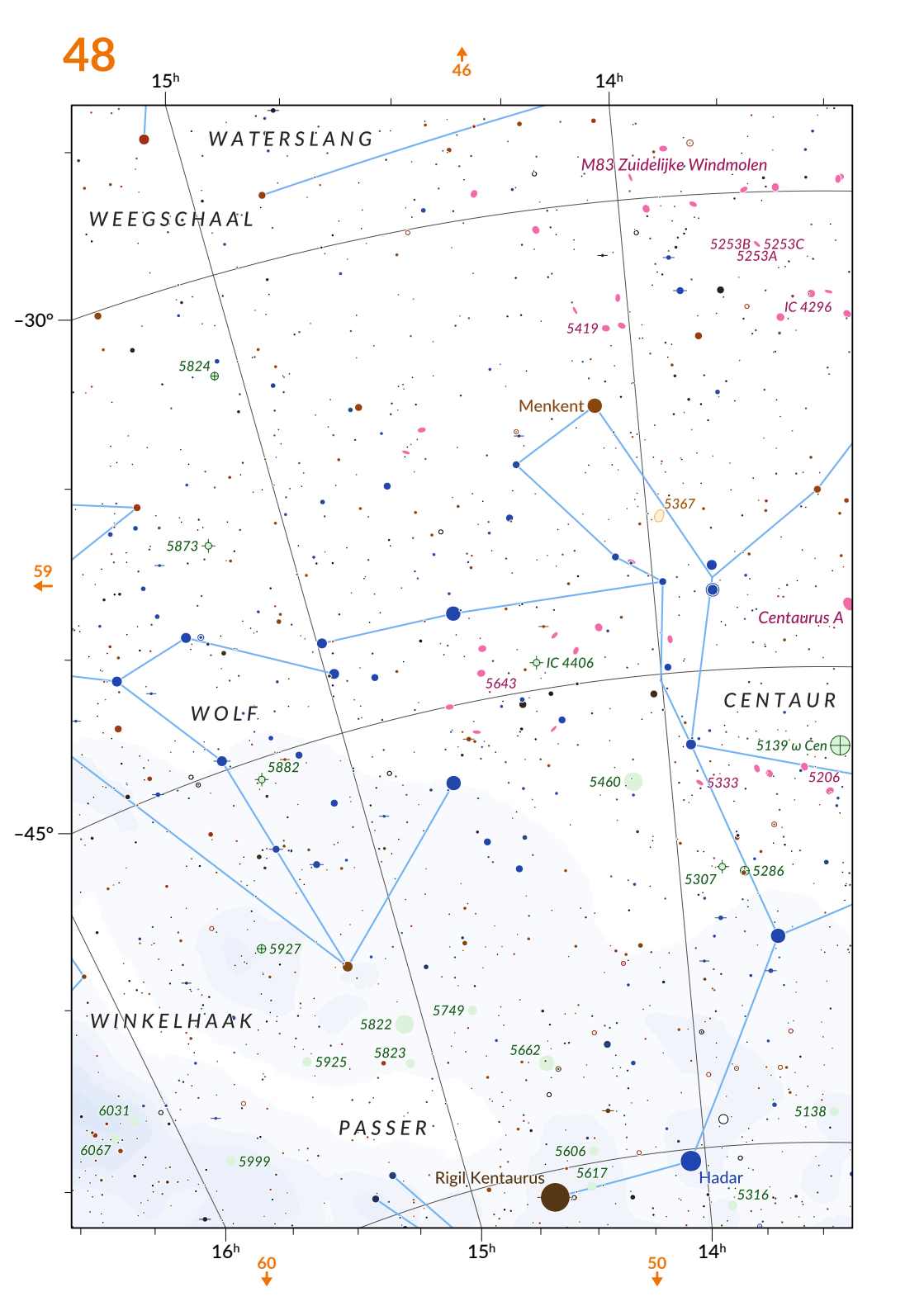

43
13h
12h
11h
41
31
45
32
+45°
+30°
Merak
M108
M97 Uilnevel
M40
Alioth
Mizar
Phecda
M109
GROTE BEER
M51 Draaikolk
5195
M106
M63 Zonnebloem
M94 Kattenoog
4490 Cocon
4618
Cor Caroli
JACHTHONDEN
4631 Walvis
4656
4559
HOOFDHAAR
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3877
4096
4242
3675
3938
4051
4449N
4449
4449S
4111
4143
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4151
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4244
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4203
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4278
4274
4251

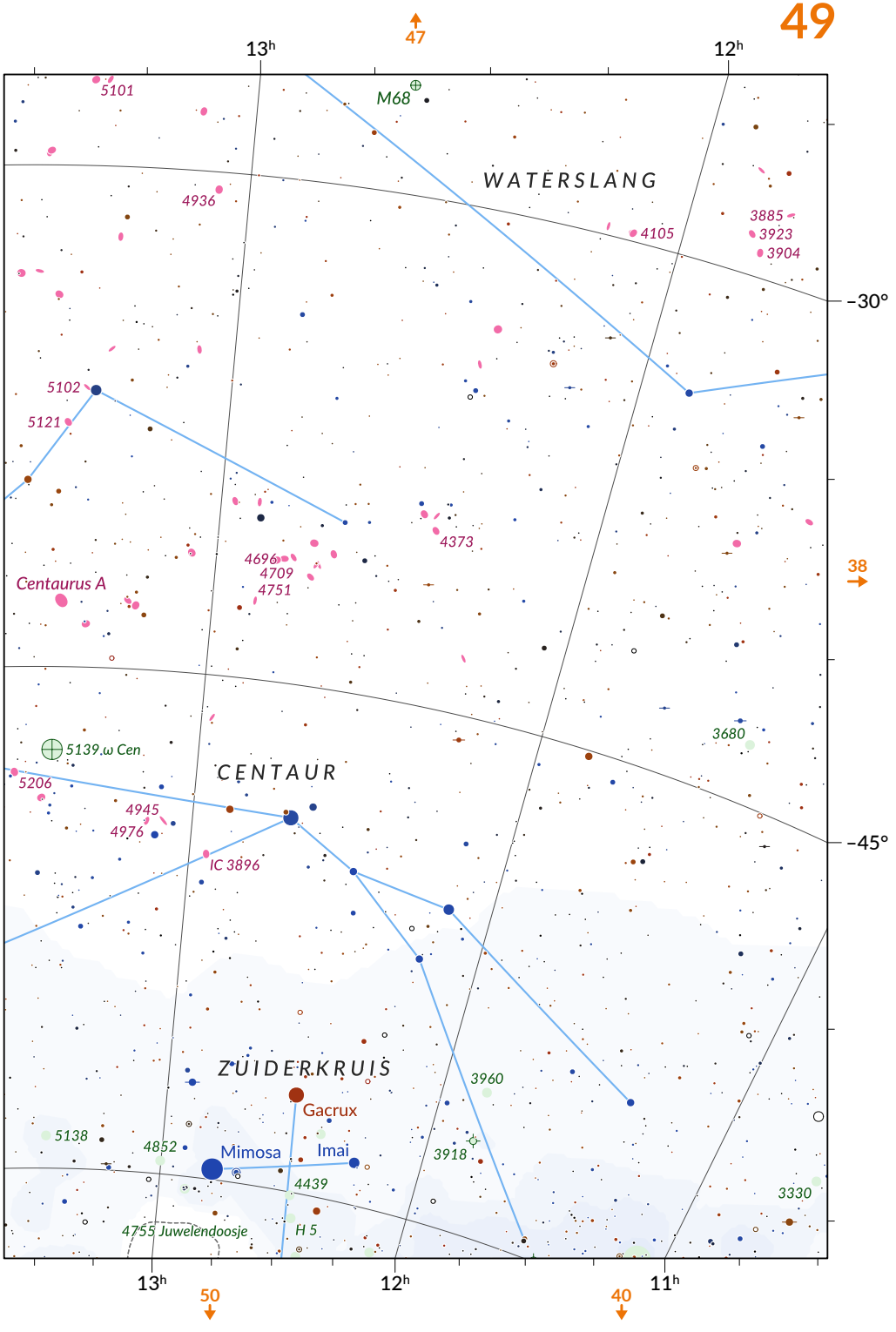

44
42
15h
14h
+30°
+15°
0°
55
46
15h
14h
Izar
5466
M3
OSSENHOEDER
Arcturus
Muphrid
5248
5701
5363
5364
5566
5576
5838
5813
5746
MAAGD

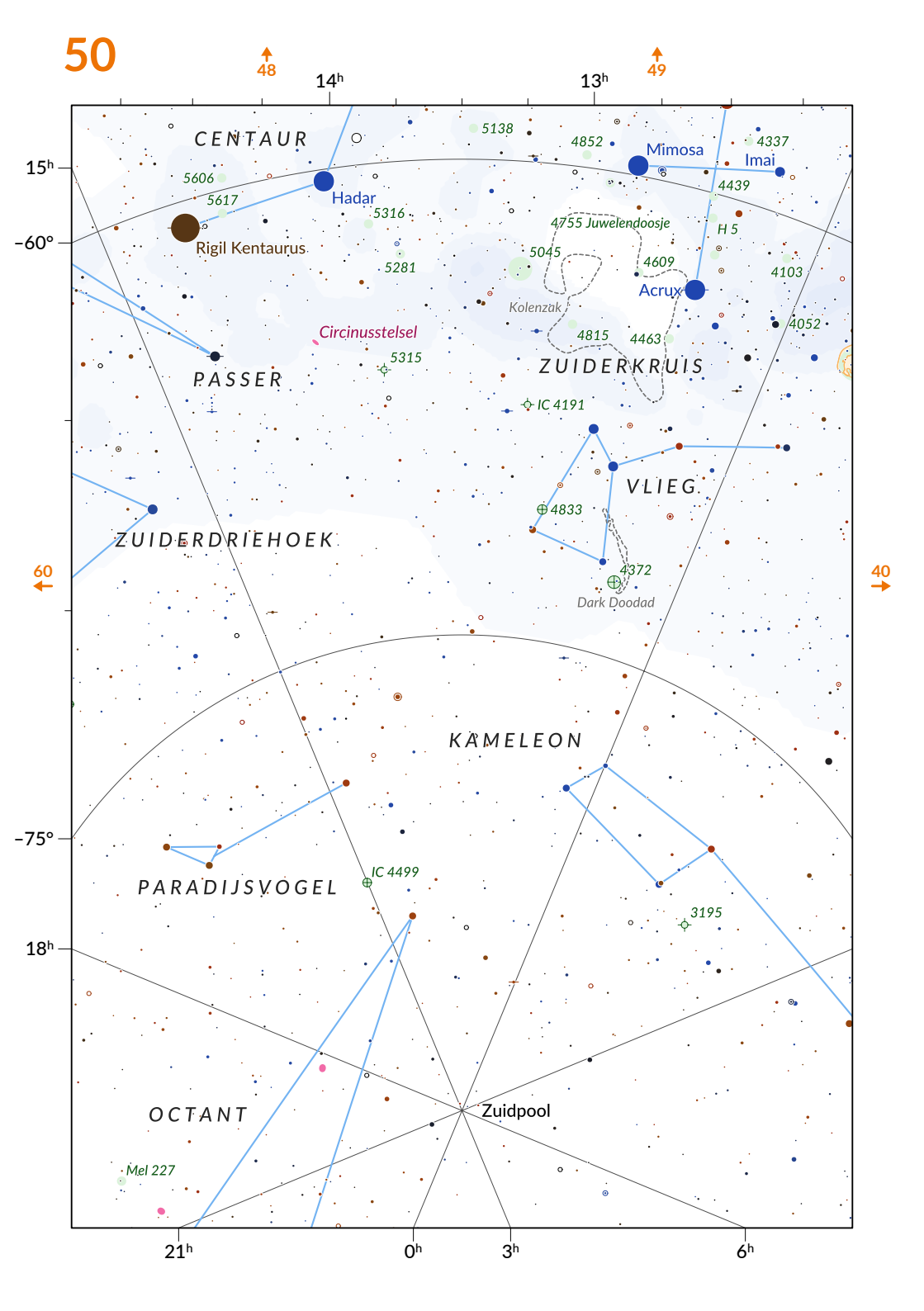

45
43
13h
12h
+30°
+15°
0°
34
47
HOOFDHAAR
MAAGD
4656
4414
4314
4136
4274
4278
4251
4559
4565 Naald
4725
4494
Mel 111
M64 Black Eye
M53
5053
4394
M85
4293
4450
4350
M100
4651
M98
Denebola
M91
M88
M99
4459
4689
M90
4438
M86
4216
4654
M87
4435 Ogen
M89
M59
M58
4429
Markarians
Keten
M60
4762
4754
4568 Vlinder
Vindemiatrix
4596
4442
4608
4698
4535
M49
4526
4570
4365
4261
M61
4457
4665
4636
4643
4527
4536
4179
4517
4666
4753
4030
Porrima


46
44
15h
14h
5746
5813
0°
MAAGD
5634
57
ECLIPTICA
−15°
Zubenelgenubi
WEEGSCHAAL
5247
WATERSLANG
M83 Zuidelijke Windmolen
5253A
5253B 5253C
5253
−30°
15h
14h
48

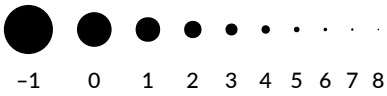

47
45
13h
12h
MAAGD
Porrima
ECLIPTICA
Spica
M104 Sombrero
Algorab
Gienah
RAAF
Kraz
BEKER
M68
WATERSLANG
4636
4643
4527
4536
4517
4179
4666
4753
4030
4546
4593
4697
4775
4958
4699
4487
4781
4902
4856
3962
5054
5018
5068
5084
4361
4039
4038 Antennes
5078
5061
5101
4936
3885
3923
3904
4105
0°
36
−15°
−30°
49


48
46
15h
14h
WATERSLANG
M83 Zuidelijke Windmolen
WEEGSCHAAL
5253B 5253C
5253A
IC 4296
−30°
5419
5824
Menkent
5367
5873
59
Centaurus A
IC 4406
5643
WOLF
CENTAUR
5139 ω Cen
5882
5460
5333
5206
−45°
5307
5286
5927
WINKELHAAK
5749
5822
5662
5823
5925
6031
5138
PASSER
6067
5606
5999
5617
Rigil Kentaurus
Hadar
5316
16h
15h
14h
60
50


47
13h
12h
M68
5101
WATERSLANG
4936
4105
3885
3923
3904
−30°
5102
5121
4373
4696
4709
4751
Centaurus A
38
5139.ω Cen
CENTAUR
3680
5206
4945
4976
IC 3896
−45°
ZUIDERKRUIS
3960
Gacrux
5138
4852
Mimosa
Imai
3918
4439
3330
4755 Juweelendoosje
H 5
13h
12h
11h
50
40


50
48
49
14h
13h
15h
−60°
60
40
−75°
18h
21h
0h
3h
6h
CENTAUR
5138
4852
Mimosa
4337
Imai
4439
5606
5617
Hadar
5316
Rigil Kentaurus
4755 Juwelendoosje
H 5
5045
4609
4103
5281
Acrux
Kolenzak
4052
Circinusstelsel
4815
4463
5315
PASSER
ZUIDERKRUIS
IC 4191
VLIEG
4833
ZUIDERDRIEHOEK
4372
Dark Doodad
KAMELEON
IC 4499
PARADIJSVOGEL
3195
OCTANT
Zuidpool
Mel 227

Legenda



Magnitude van de sterren

Dubbelster

Veranderlijke ster (max. en min.)

Radiant van een meteorenzwerm

Sterrenbeeldfiguur

Ecliptica

Baan (1 januari)

Sterrenstelsel

Open sterrenhoop

Bolvormige sterrenhoop

Nevel

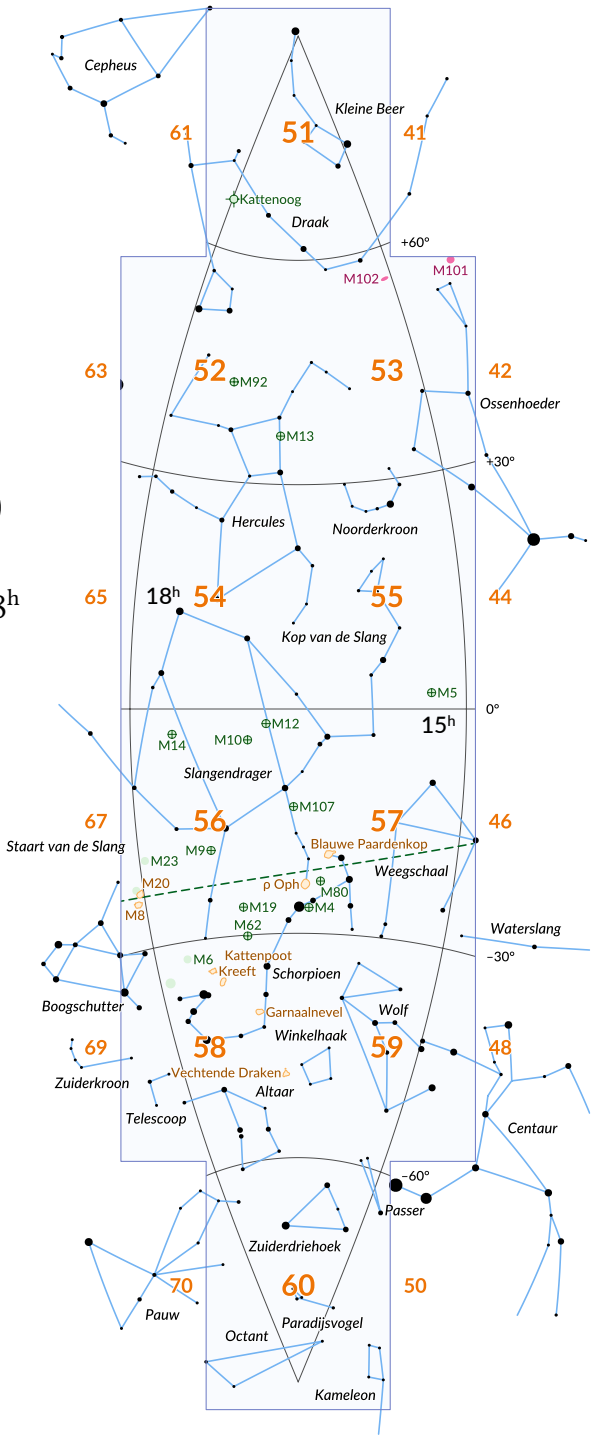
Donkere nevel

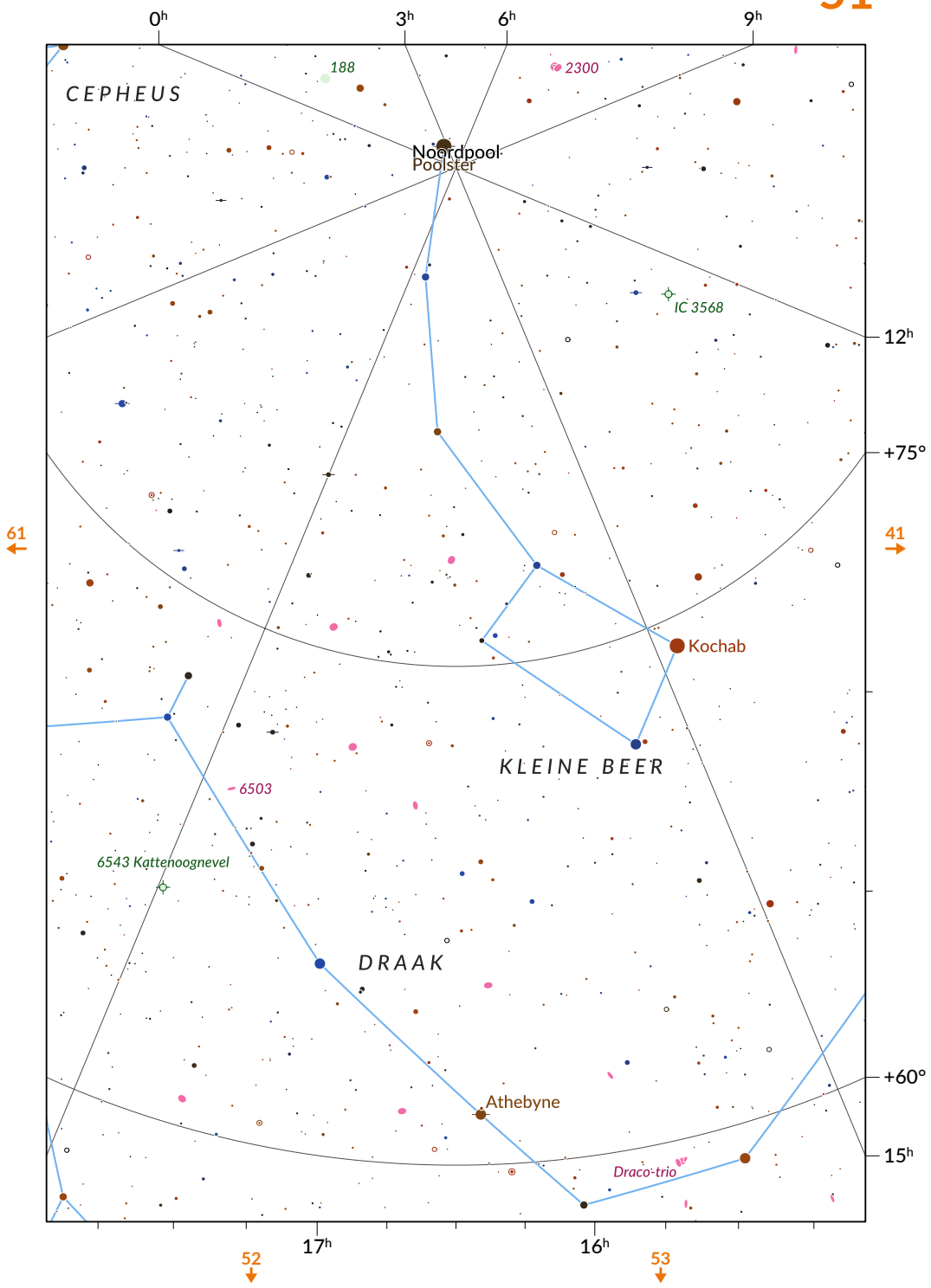
Planetaire nevel

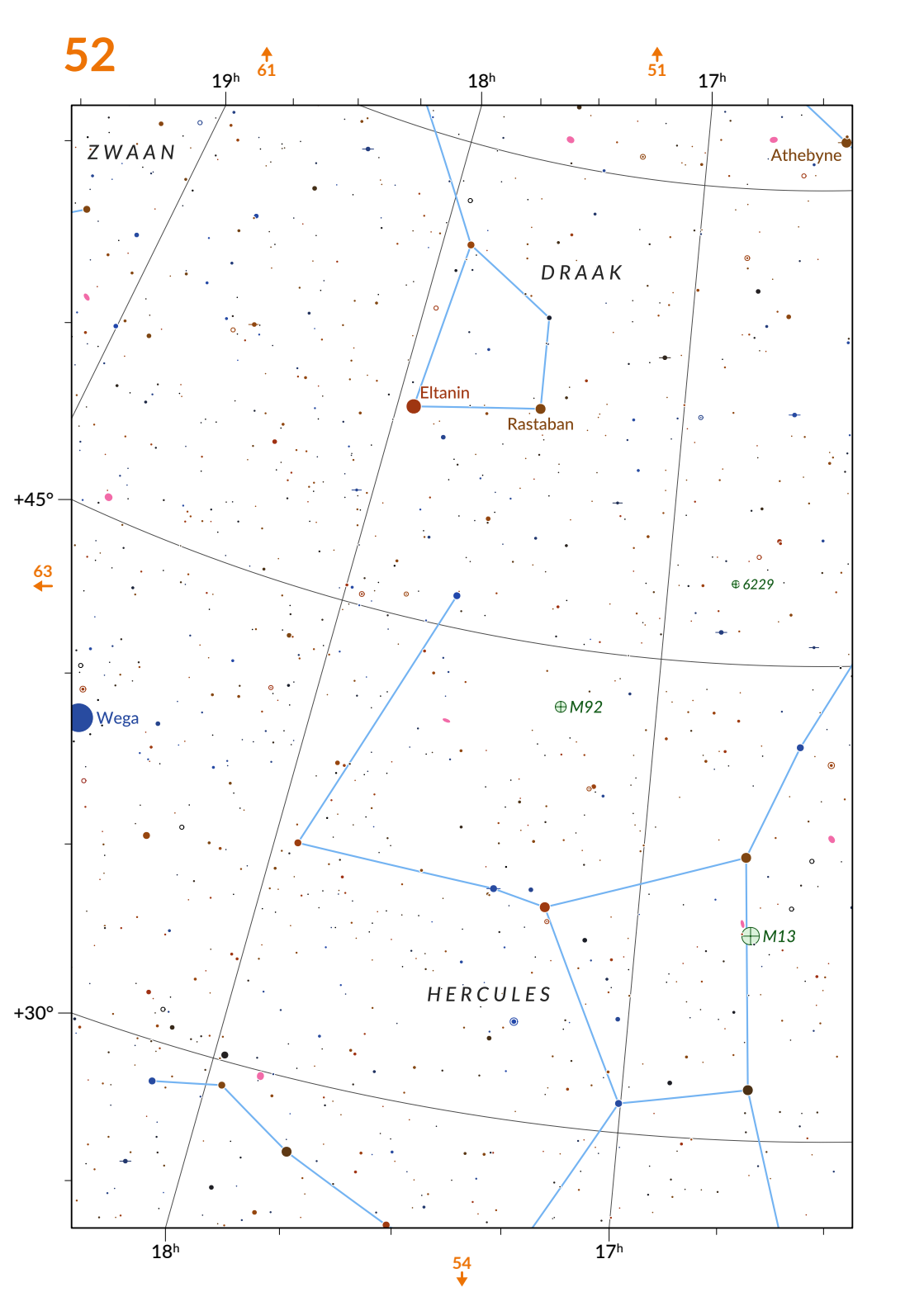
Kaarten 51–60

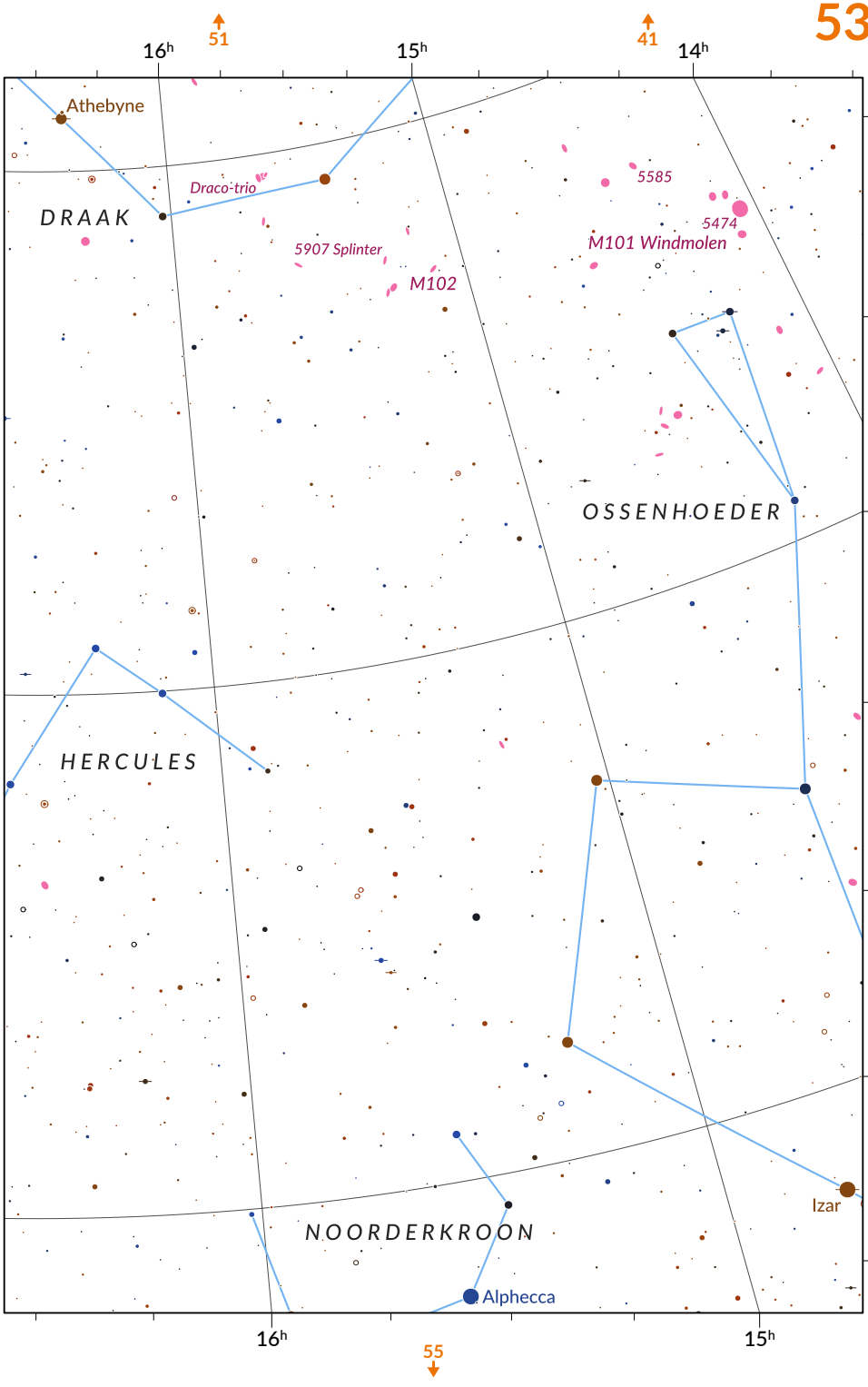
Rechte klimming 15^h tot 18^h

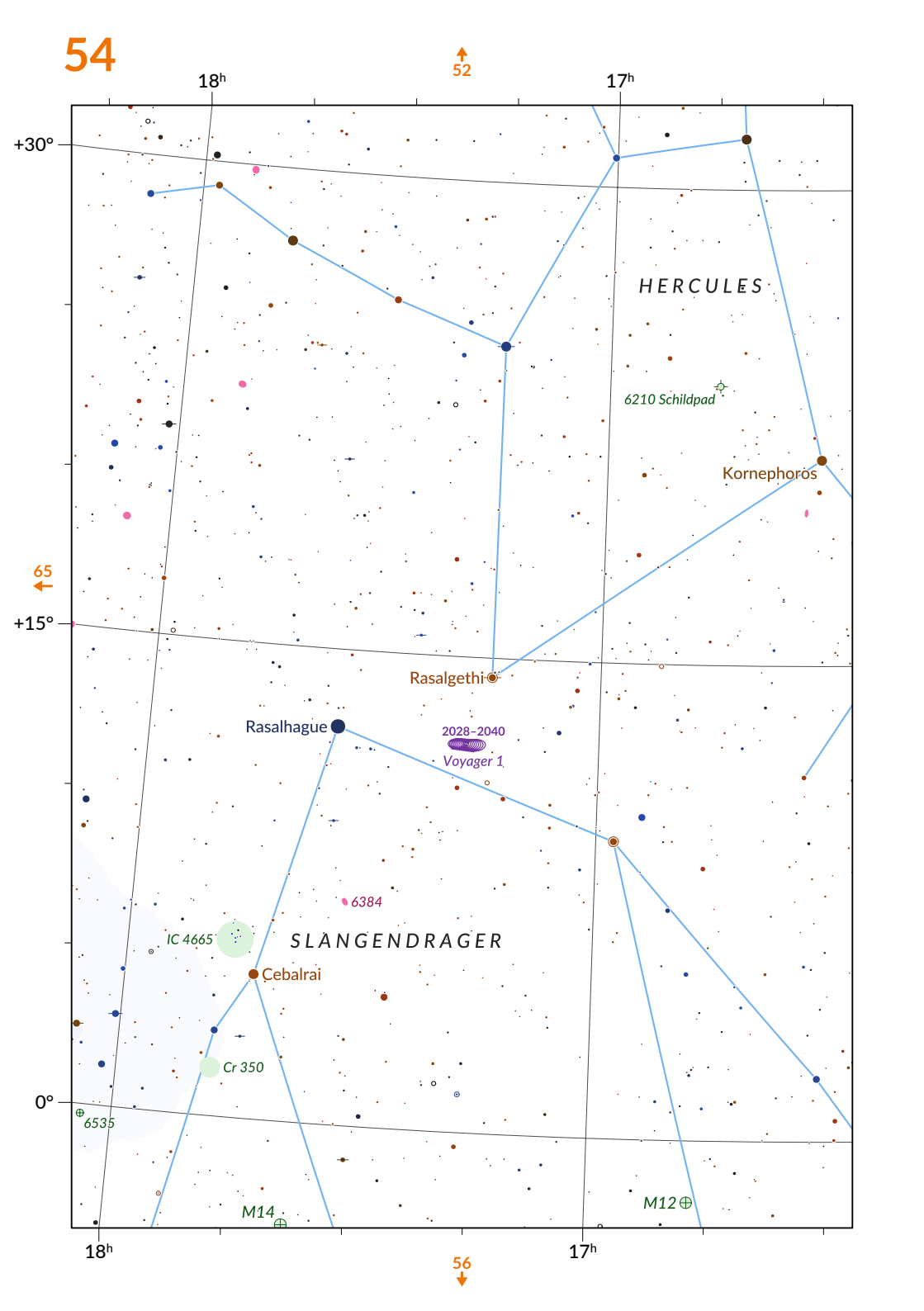
Juli

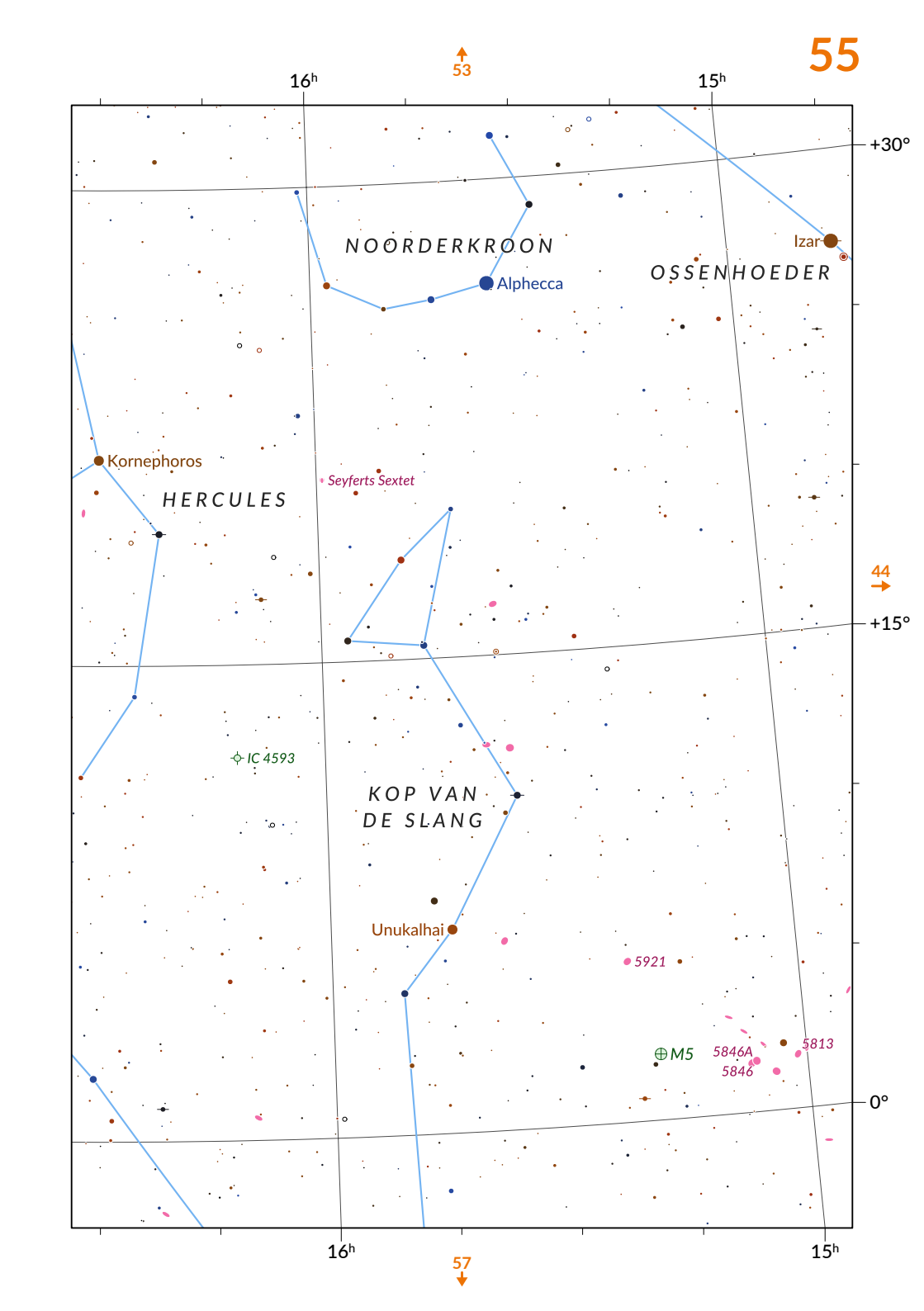


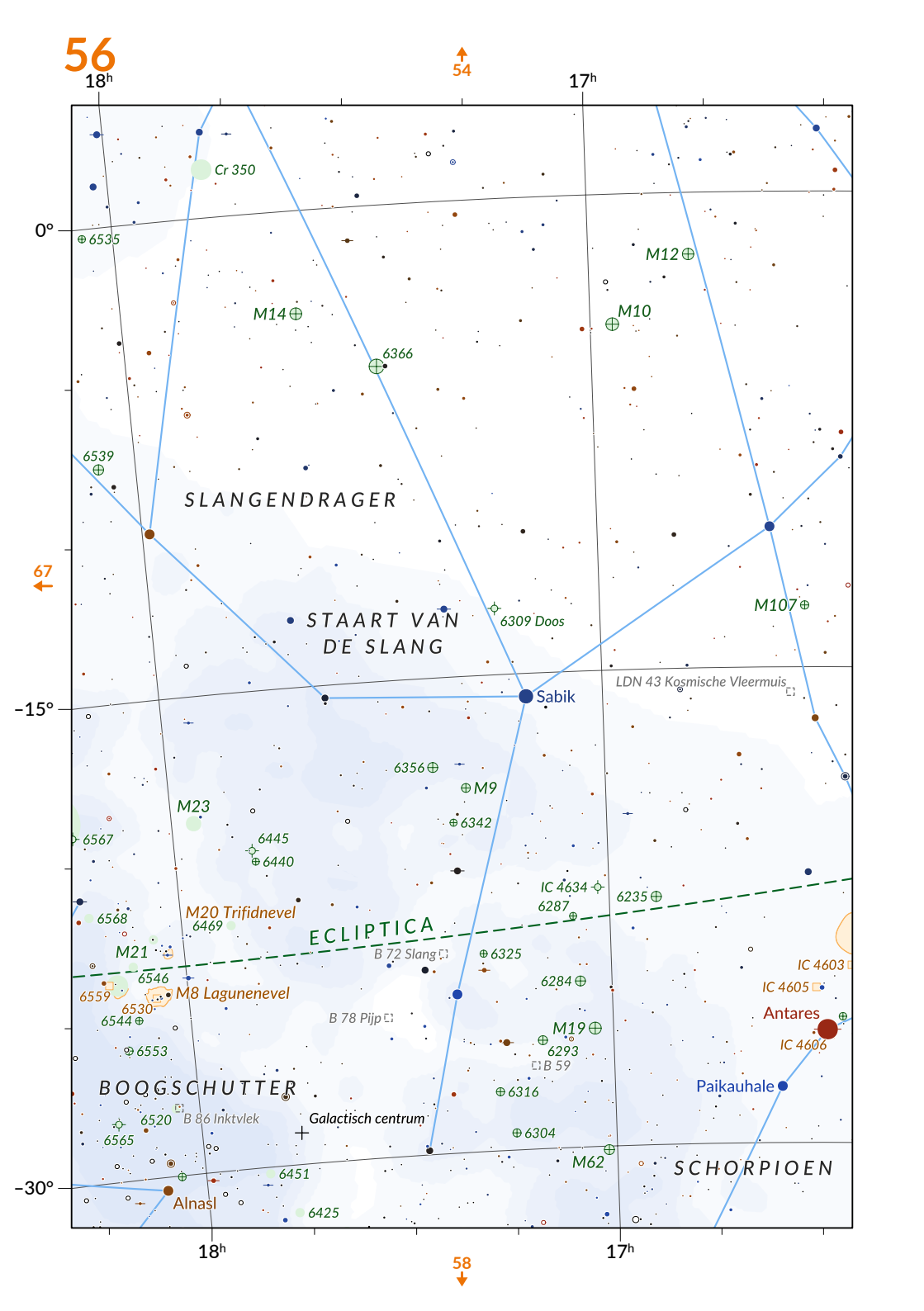

0h
3h
6h
9h
CEPHEUS
188
2300
Noordpool
Poolster
IC 3568
12h
+75°
61
41
Kochab
KLEINE BEER
6503
6543 Kattenoognevel
DRAAK
Athebyne
Draco-trio
+60°
15h
17h
16h
52
53

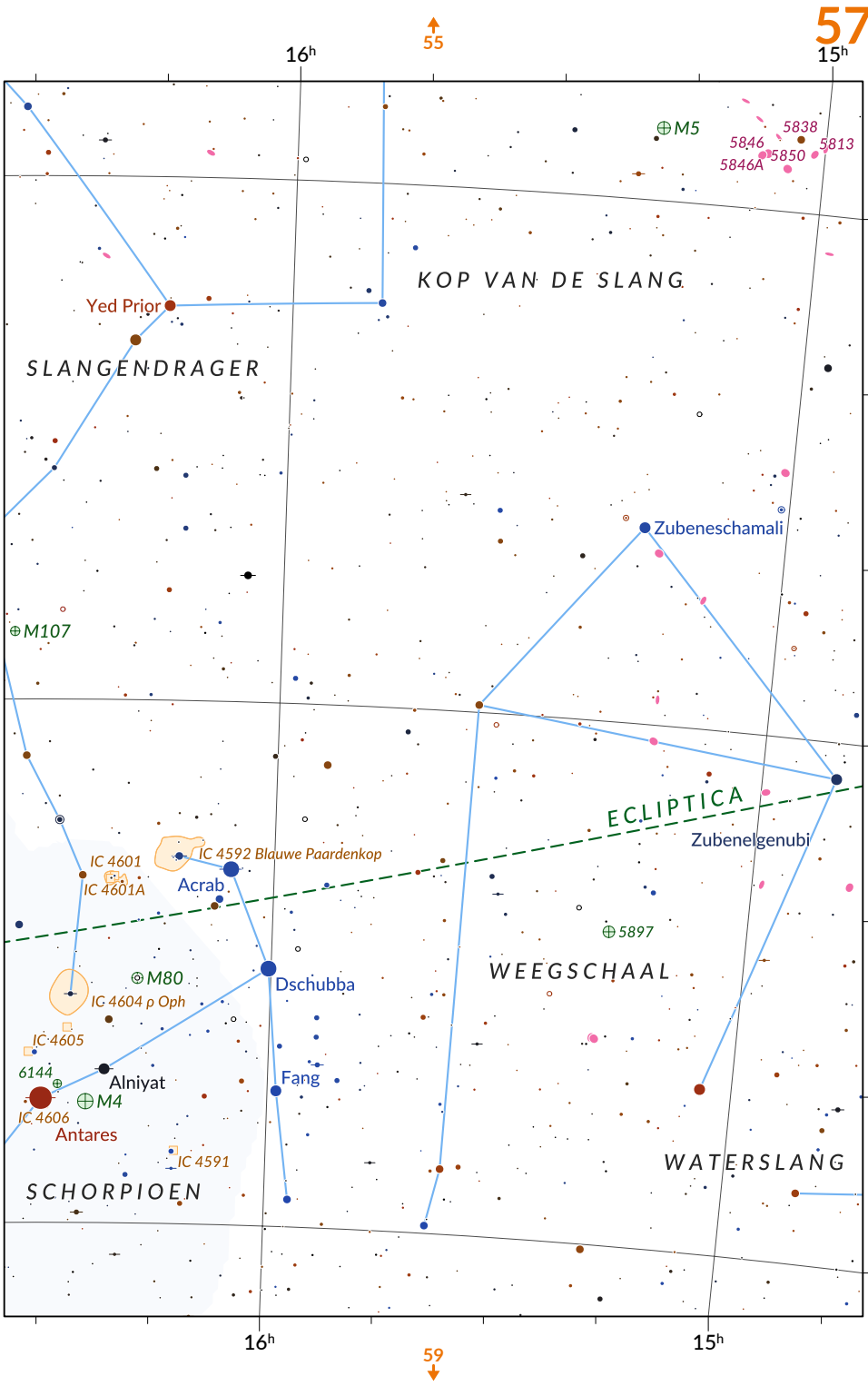

52
61
51
19h
18h
17h
ZWAAN
Athebyne
DRAAK
Eltanin
Rastaban
+45°
63
6229
Wega
M92
M13
HERCULES
+30°
18h
17h
54

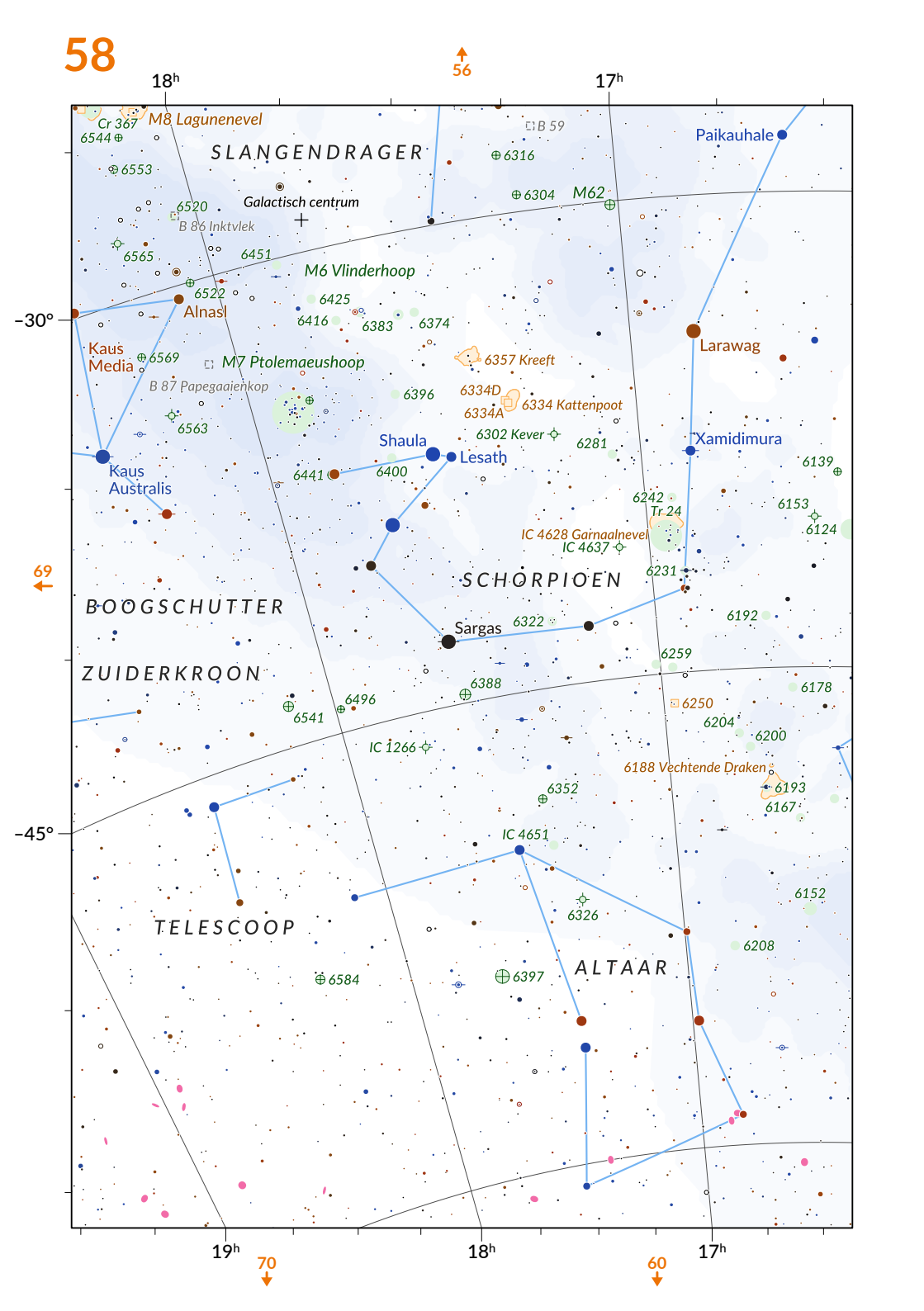

53
16h
51
15h
41
14h
Athebyne
Draco-trio
DRAAK
5907 Splinter
M102
5585
5474
M101 Windmolen
OSSENHOEDER
+45°
42
HERCULES
+30°
Izar
NOORDERKROON
Alphecca
16h
55
15h

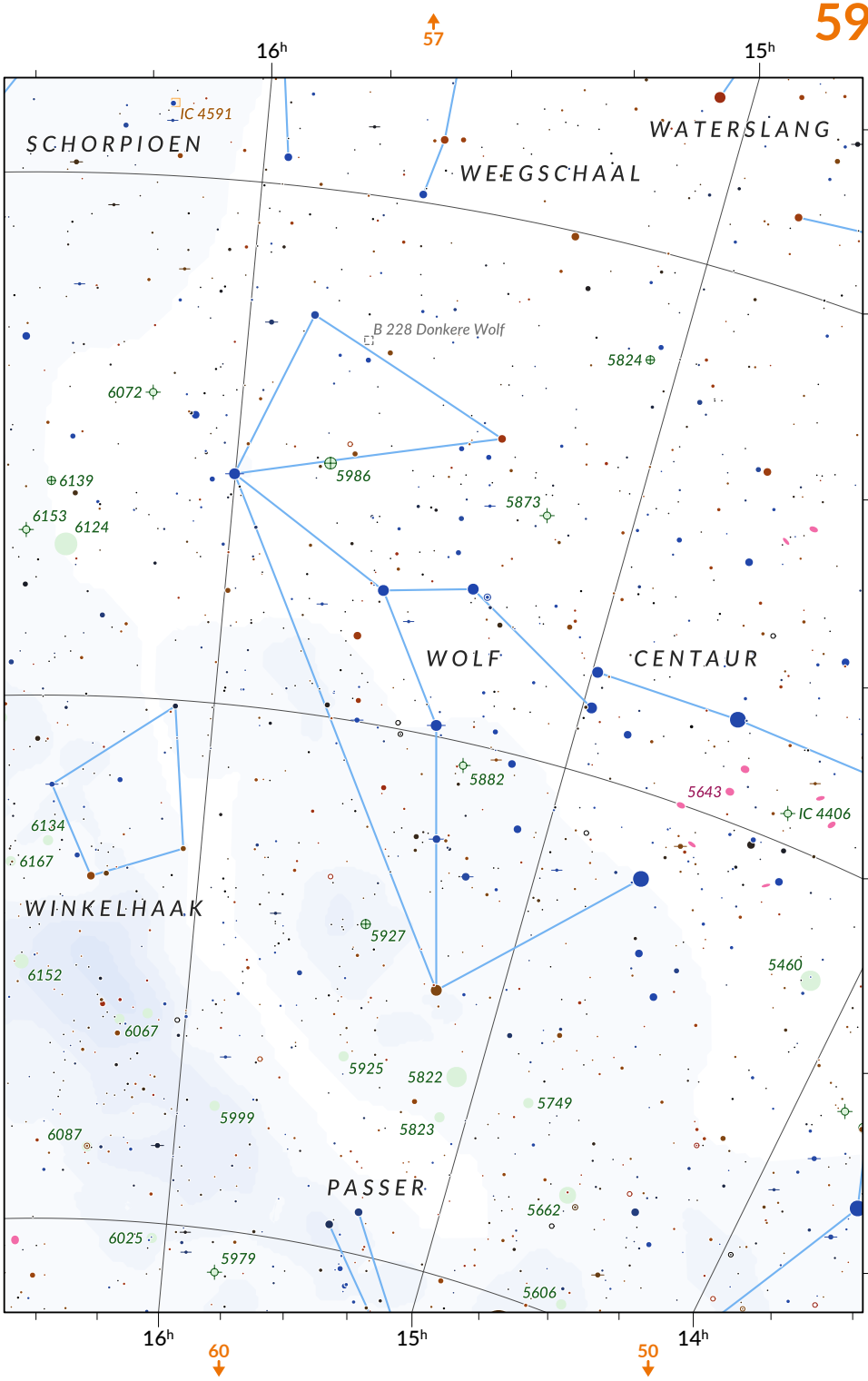

54
52
18h
17h
+30°
HERCULES
6210 Schildpad
Kornephoros
65
+15°
Rasalgethi
Rasalhague
2028–2040
Voyager 1
6384
IC 4665
SLANGENDRAGER
Cebalrai
Cr 350
0°
6535
M14
M12
18h
17h
56

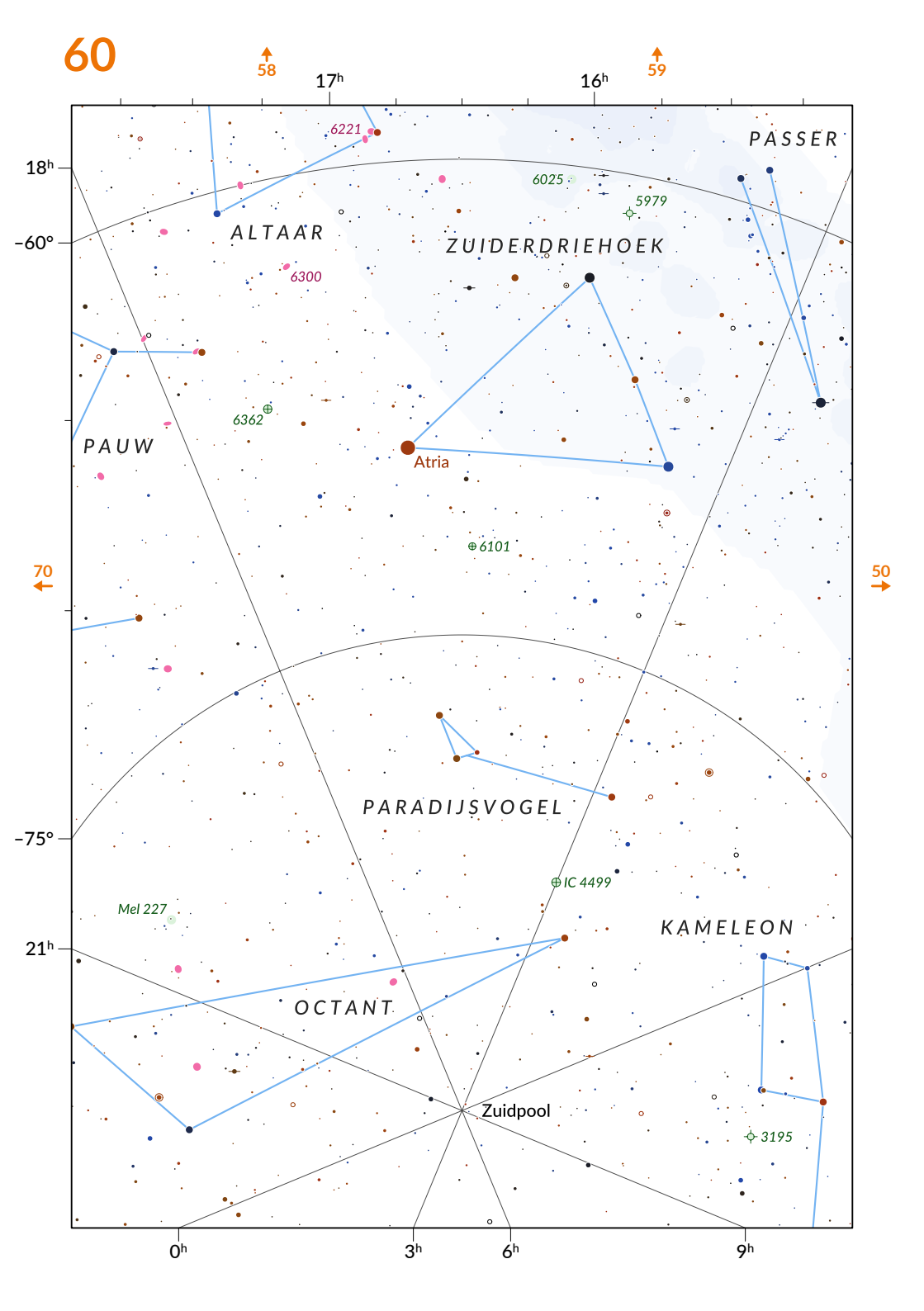

55
53
16h
15h
+30°
NOORDERKROON
Alphecca
Izar
OSSENHOEDER
Kornephoros
Seyferts Sextet
HERCULES
44
+15°
IC 4593
KOP VAN
DE SLANG
Unukalhai
5921
M5
5846A
5846
5813
0°
16h
15h
57


56
18h
54
17h
0°
Cr 350
6535
M14
6366
M12
M10
6539
SLANGENDRAGER
67
STAART VAN
DE SLANG
6309 Doos
M107
LDN 43 Kosmische Vleermuis
Sabik
−15°
6356
M9
M23
6342
6567
6445
6440
IC 4634
6235
6287
6568
M20 Trifidnevel
6469
ECLIPTICA
M21
B 72 Slang
6325
IC 4603
6546
6284
IC 4605
6559
M8 Lagunenevel
6530
6544
B 78 Pijp
M19
Antares
6293
IC 4606
6553
B 59
BOOGSCHUTTER
6316
Paikauhale
6520
B 86 Inktvlek
Galactisch centrum
6565
6304
M62
SCHORPIOEN
6451
−30°
Alnasl
6425
18h
58
17h

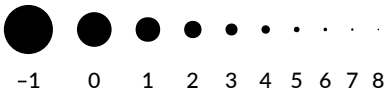

57
55
16h
15h
M5
5838
5846
5813
5850
5846A
0°
KOP VAN DE SLANG
Yed Prior
SLANGENDRAGER
Zubeneschamali
46
M107
−15°
ECLIPTICA
Zubenelgenubi
IC 4592 Blauwe Paardenkop
IC 4601
IC 4601A
Acrab
5897
M80
Dschubba
WEEGSCHAAL
IC 4604 ρ Oph
IC 4605
6144
Alniyat
Fang
M4
IC 4606
Antares
IC 4591
WATERSLANG
SCHORPIOEN
−30°
16h
15h
59


18h
17h
56
69
−30°
−45°
19h
18h
17h
70
60
SLANGENDRAGER
BOOGSCHUTTER
ZUIDERKROON
SCHORPIOEN
TELESCOOP
ALTAAR
M8 Lagunenevel
Cr 367
6544
6553
B 59
6316
Paikauhale
6304
M62
Galactisch centrum
6520
B 86 Inktvlek
6565
6451
M6 Vlinderhoop
6522
Alnasl
6425
6416
6383
6374
Kaus Media
6569
M7 Ptolemaeushoop
B 87 Papegaaienkop
6357 Kreeft
Larawag
6396
6334D
6334A
6334 Kattenpoot
6563
6302 Kever
Shaula
Lesath
6281
Xamidimura
6139
Kaus Australis
6441
6400
6242
Tr 24
6153
6124
IC 4628 Garnaalnevel
IC 4637
6231
Sargas
6322
6192
6259
6388
6178
6496
6541
6250
6204
6200
IC 1266
6188 Vechtende Draken
6352
6193
6167
IC 4651
6326
6152
6208
6584
6397


57
16h
15h
IC 4591
SCHORPIOEN
WEEGSCHAAL
WATERSLANG
B 228 Donkere Wolf
5824
6072
5986
6139
6153
6124
5873
-30°
48
WOLF
CENTAUR
5882
5643
IC 4406
6134
6167
-45°
WINKELHAAK
5927
6152
5460
6067
5925
5822
5749
5999
6087
5823
PASSER
5662
6025
5979
5606
16h
15h
14h
60
50


60
58
59
17h
16h
18h
−60°
−75°
21h
70
50
0h
3h
6h
9h
6221
6300
6362
6025
5979
6101
IC 4499
Mel 227
3195
ALTAAR
ZUIDERDRIEHOEK
PASSER
PAUW
Atria
PARADIJSVOGEL
KAMELEON
OCTANT
Zuidpool

Legenda



Magnitude van de sterren

Dubbelster

Veranderlijke ster (max. en min.)

Radiant van een meteorenzwerm

Sterrenbeeldfiguur

Ecliptica

Baan (1 januari)

Sterrenstelsel

Open sterrenhoop

Bolvormige sterrenhoop

Nevel

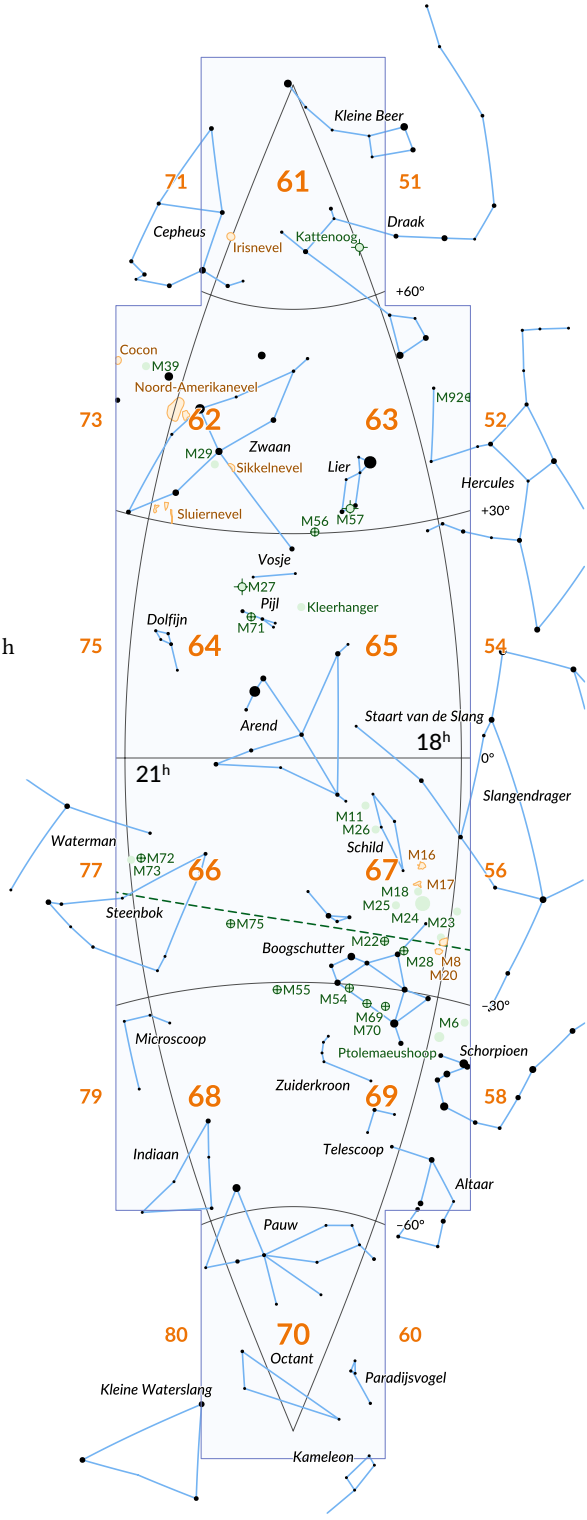
Donkere nevel

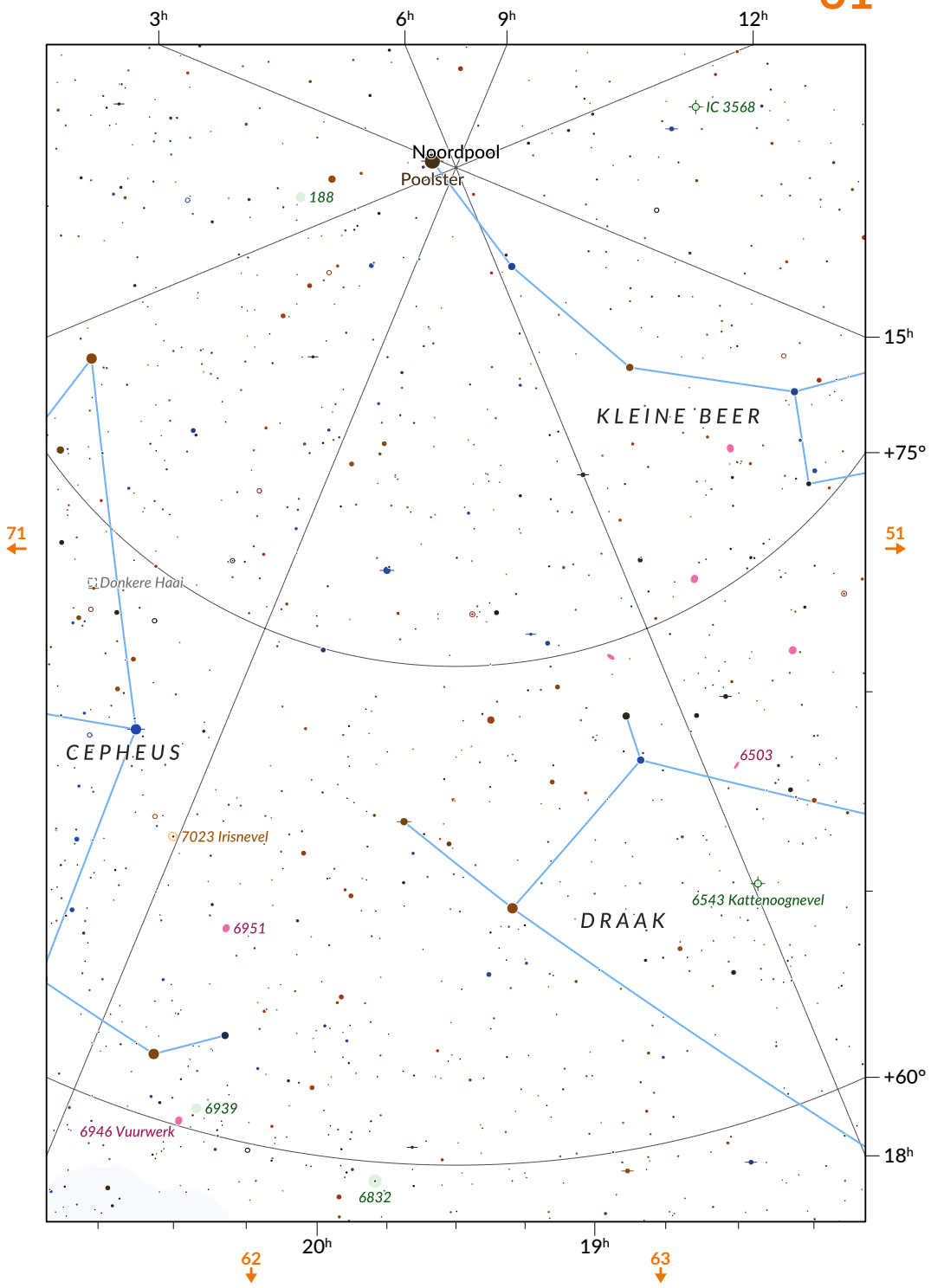
Planetaire nevel

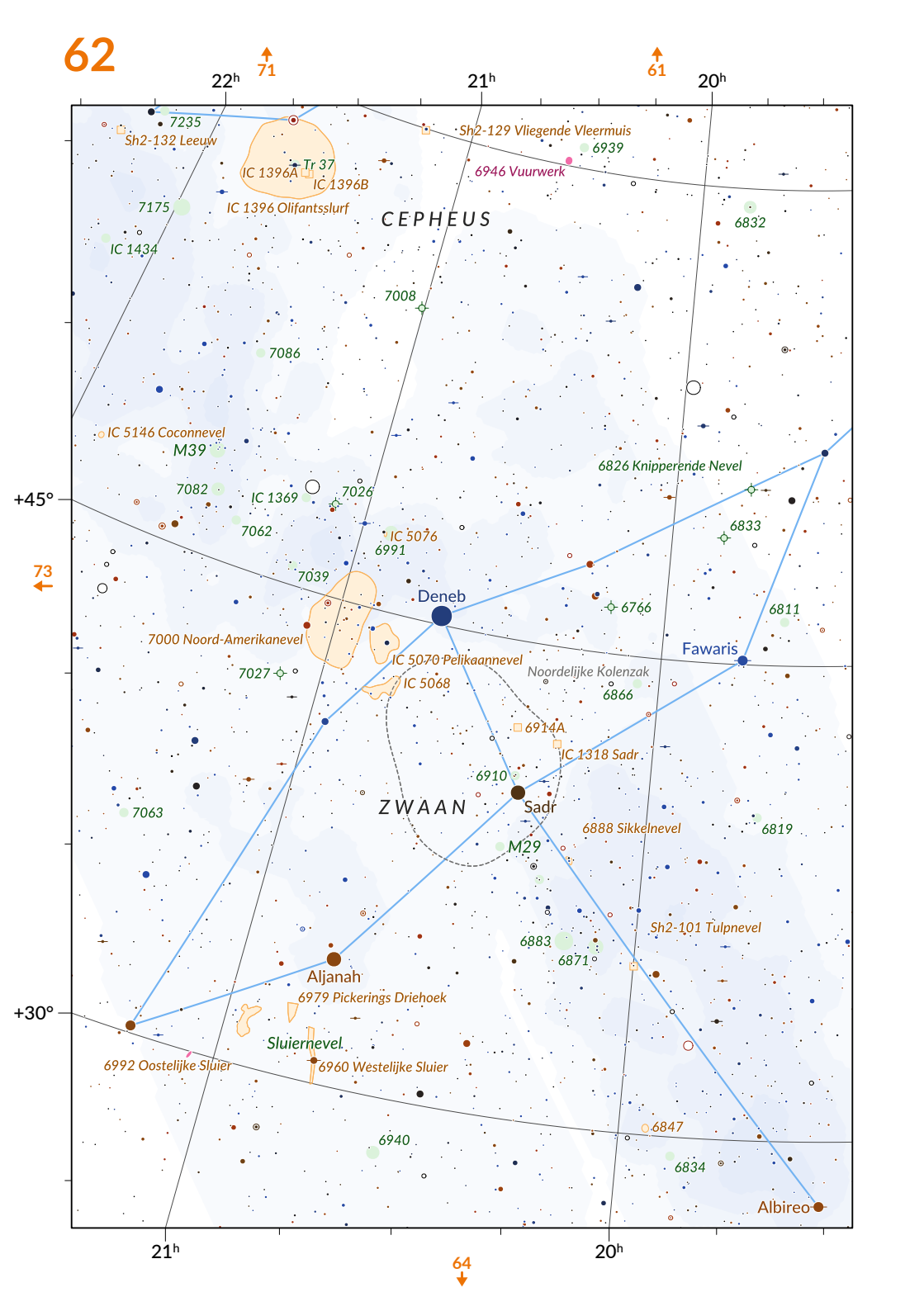
Kaarten 61–70

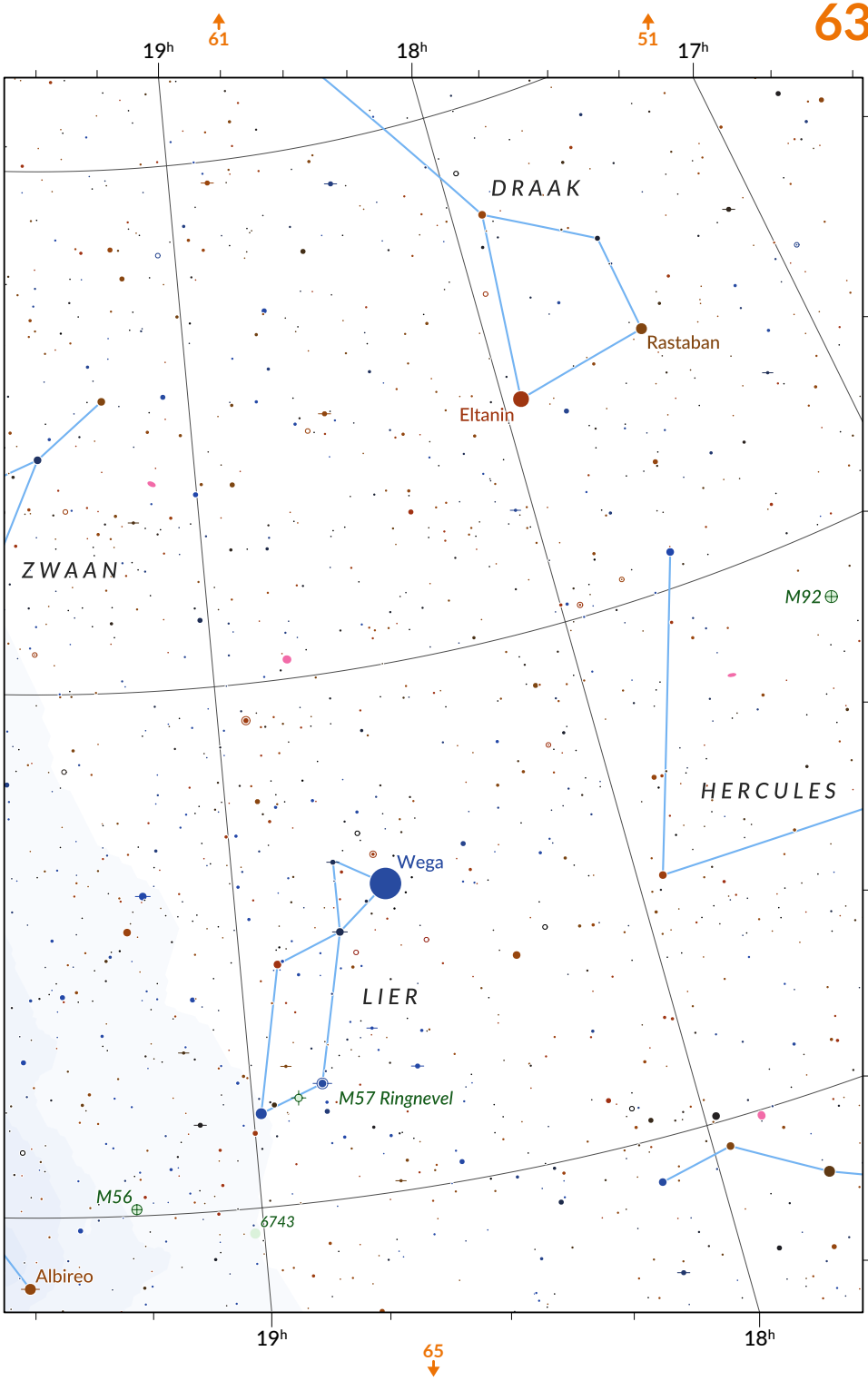
Rechte klimming 18^h tot 21^h

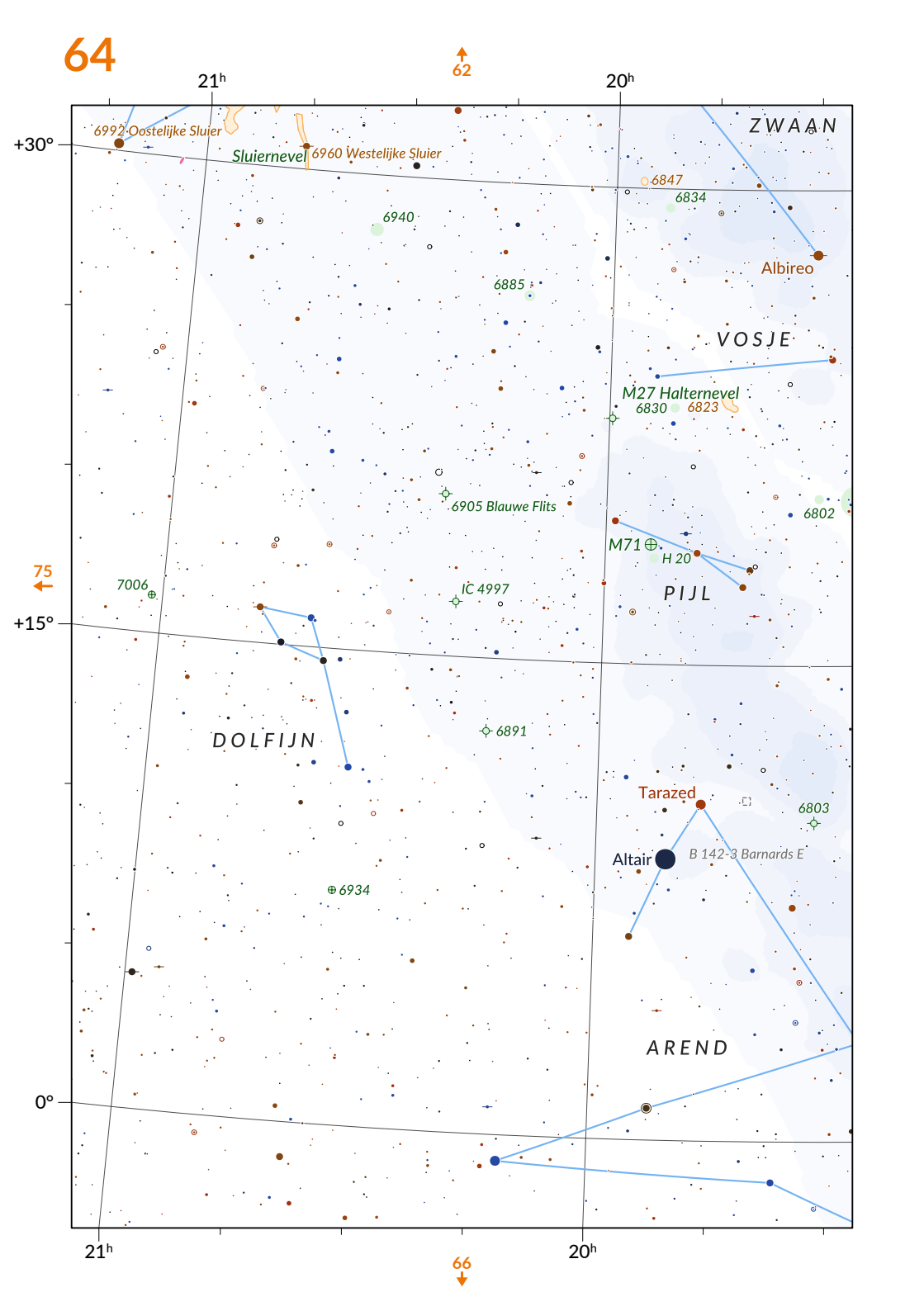
Augustus/september

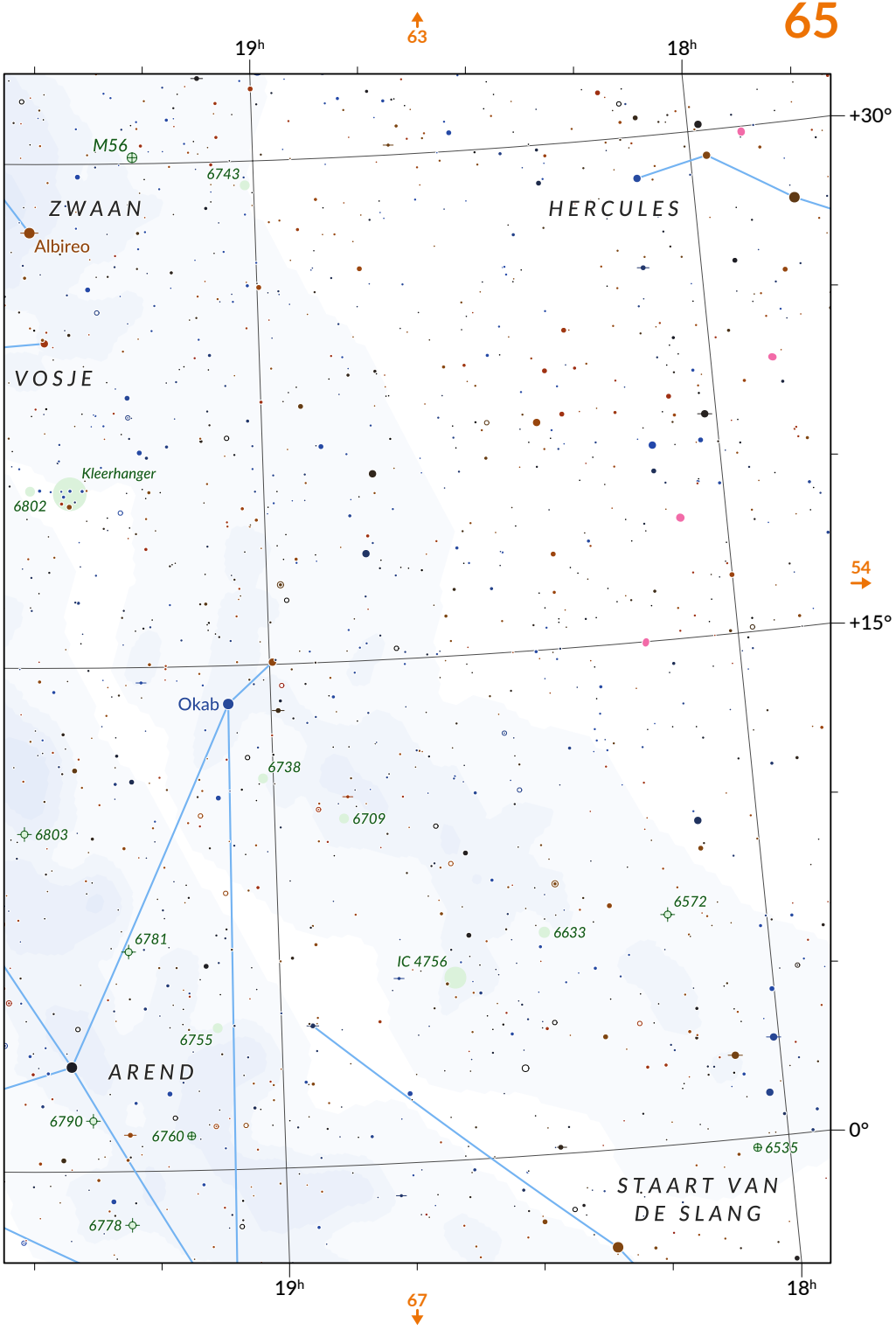


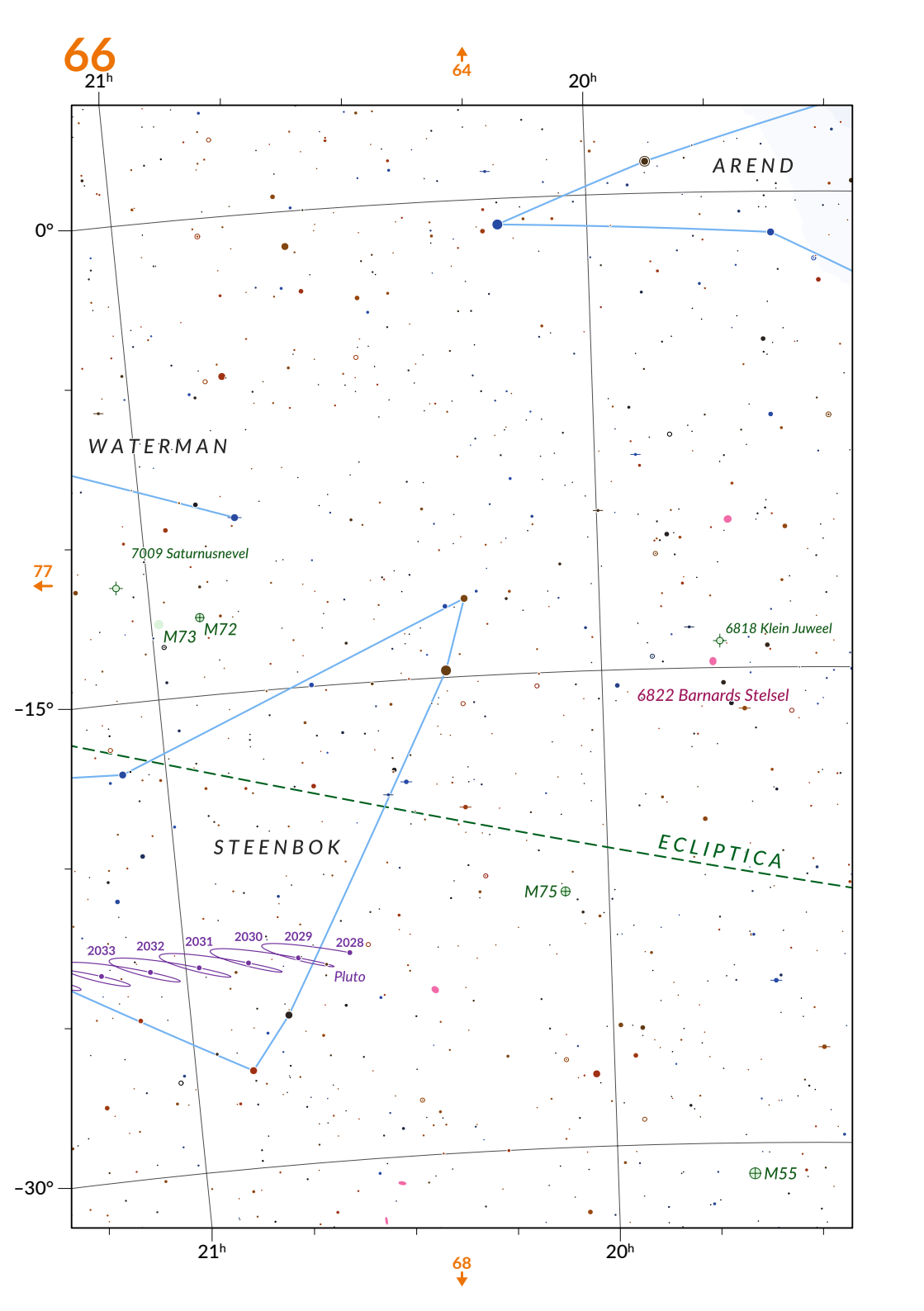

3h
6h
9h
12h
IC 3568
Noordpool
Poolster
188
15h
KLEINE BEER
+75°
71
51
Donkere Haai
CEPHEUS
6503
7023 Irisnevel
6543 Kattenoognevel
6951
DRAAK
+60°
6939
6946 Vuurwerk
18h
6832
20h
19h
62
63

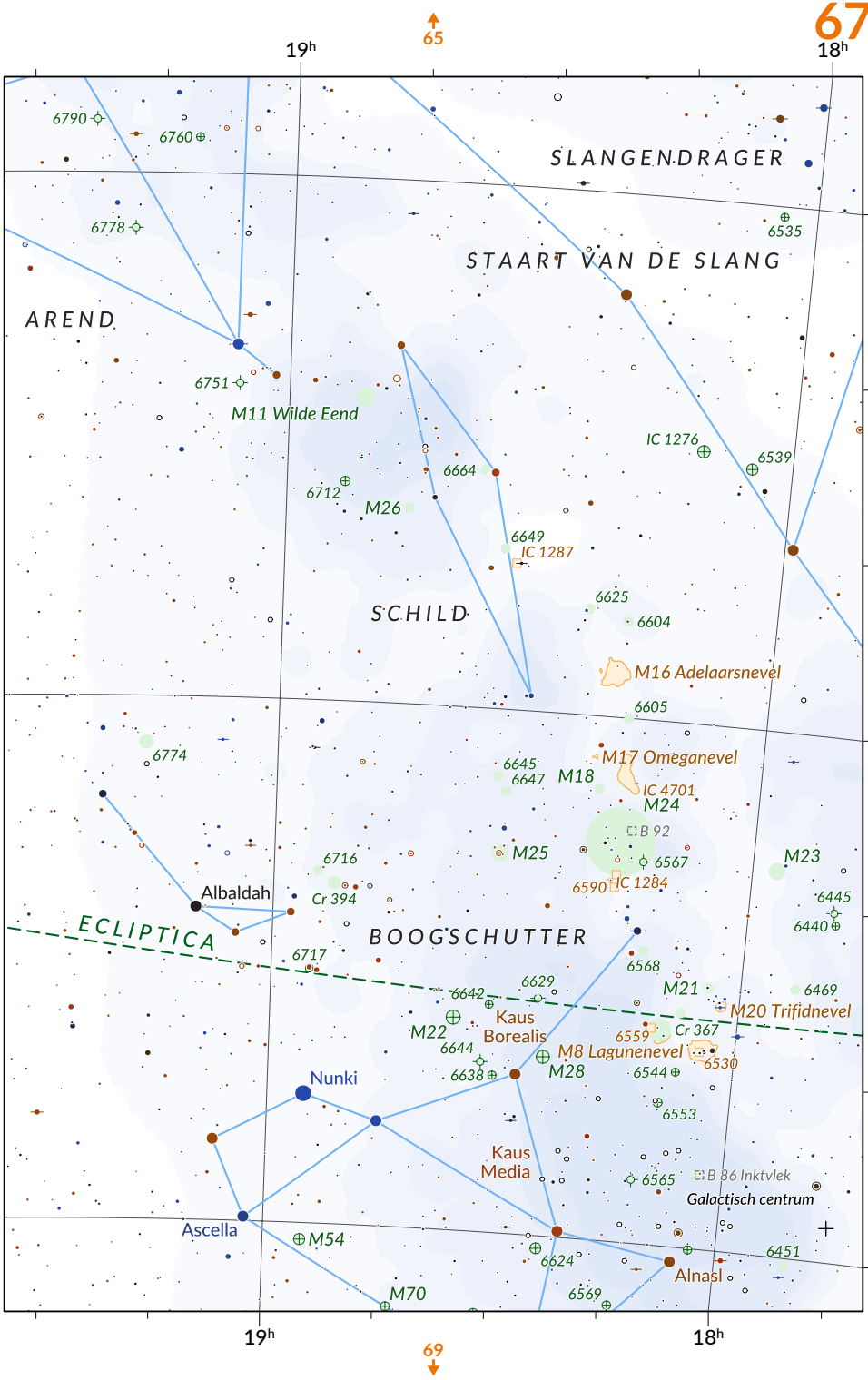

62
71
61
22h
21h
20h
7235
Sh2-132 Leeuw
Sh2-129 Vliegende Vleermuis
6939
6946 Vuurwerk
IC 1396A
Tr 37
IC 1396B
IC 1396 Olifantsslurf
7175
CEPHEUS
6832
IC 1434
7008
7086
IC 5146 Cocoonnevel
M39
6826 Knipperende Nevel
+45°
7082
IC 1369
7026
7062
IC 5076
6991
6833
73
7039
Deneb
6766
6811
7000 Noord-Amerikanevel
Fawaris
IC 5070 Pelikaannevel
Noordelijke Kolenzak
7027
IC 5068
6866
6914A
IC 1318 Sadr
6910
ZWAAN
Sadr
7063
6888 Sikkelnevel
6819
M29
Sh2-101 Tulpnevel
6883
6871
Aljanah
6979 Pickerings Driehoek
+30°
Sluiernevel
6992 Oostelijke Sluier
6960 Westelijke Sluier
6847
6940
6834
Albireo
21h
20h
64

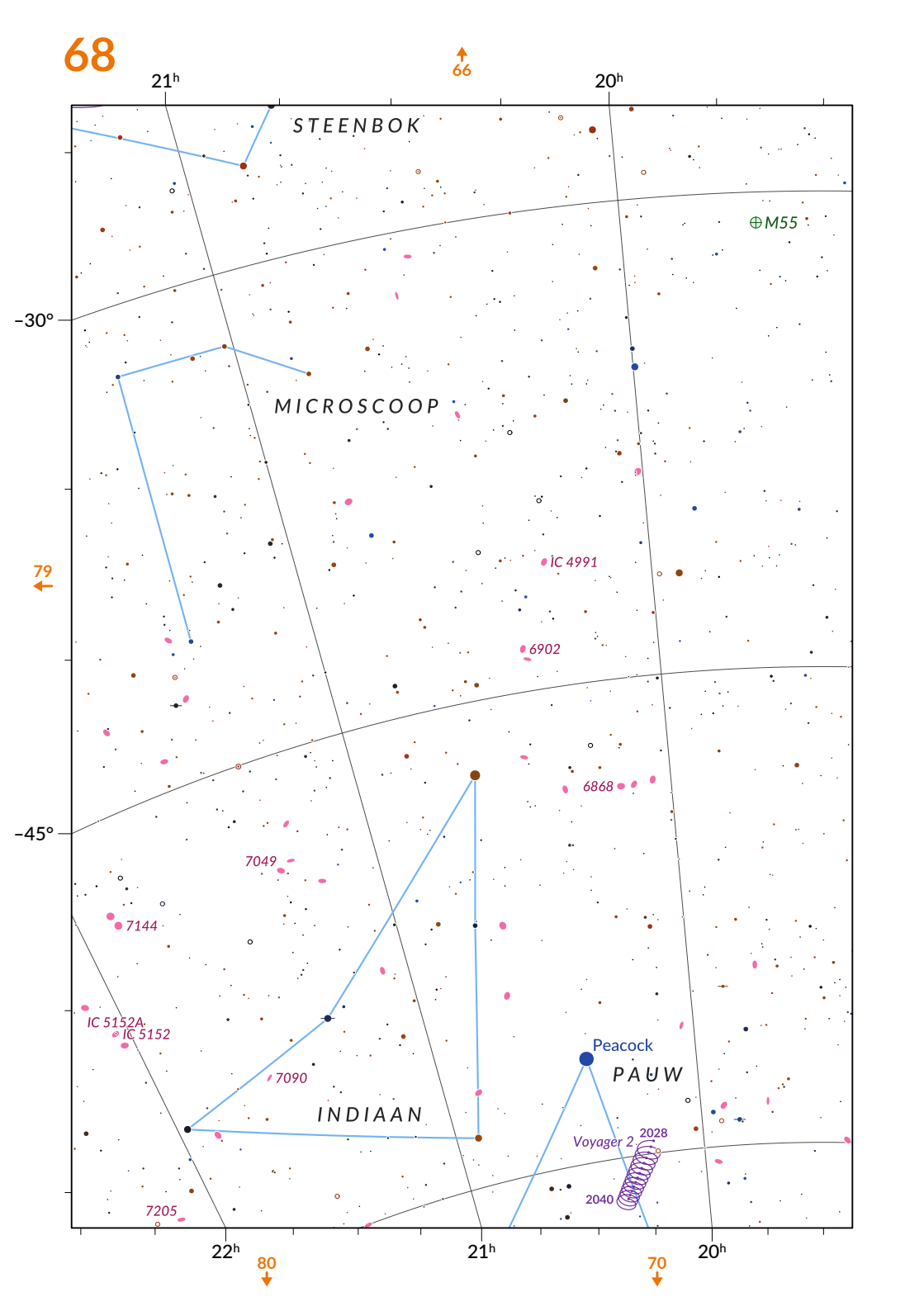

19h
61
18h
51
17h
DRAAK
Rastaban
Eltanin
+45°
ZWAAN
M92
52
HERCULES
Wega
LIER
M57 Ringnevel
+30°
M56
6743
Albireo
19h
65
18h

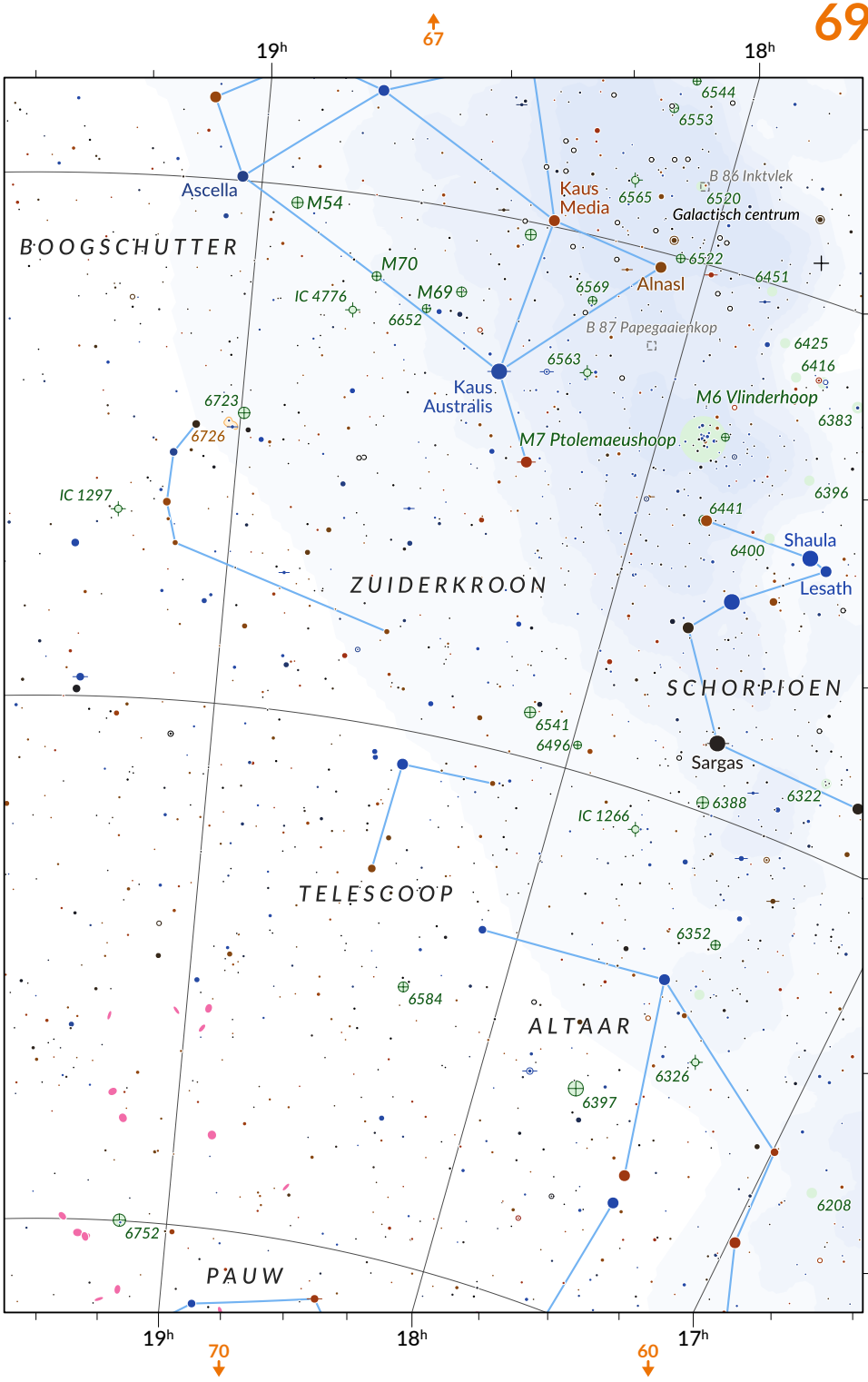

64
62
21h
20h
+30°
+15°
0°
75
66
6992 Oostelijke Sluier
Sluiernevel
6960 Westelijke Sluier
6940
6847
6834
ZWAAN
Albireo
6885
VOSJE
M27 Halternevel
6830
6823
6905 Blauwe Flits
6802
M71
H 20
7006
IC 4997
PIJL
DOLFIJN
6891
Tarazed
6803
Altair
B 142-3 Barnards E
6934
AREND

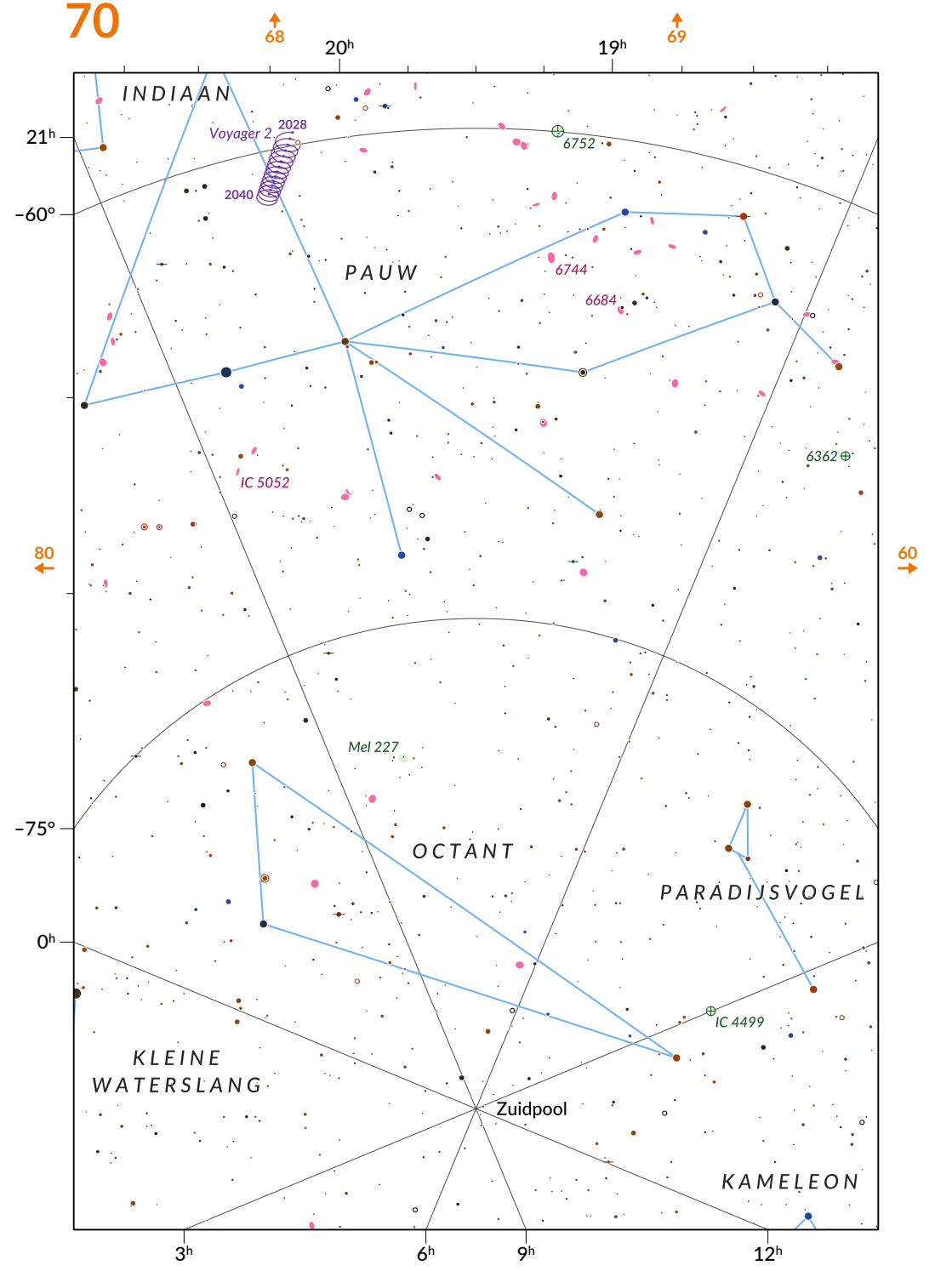

63
19h
18h
+30°
M56
6743
ZWAAN
HERCULES
Albireo
VOSJE
Kleerhanger
6802
54
+15°
Okab
6738
6709
6803
6572
6633
6781
IC 4756
6755
AREND
6790
6760
6535
0°
STAART VAN
DE SLANG
6778
19h
18h
67


66
64
21h
20h
AREND
0°
WATERMAN
7009 Saturnusnevel
77
M73
M72
6818 Klein Juweel
6822 Barnards Stelsel
−15°
ECLIPTICA
STEENBOK
M75
2033
2032
2031
2030
2029
2028
Pluto
M55
−30°
21h
20h
68

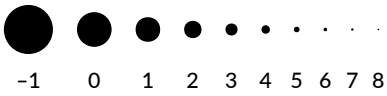

67
65
19h
18h
SLANGENDRAGER
0°
6790
6760
6778
6535
STAART VAN DE SLANG
AREND
6751
M11 Wilde Eend
IC 1276
6539
6664
6712
M26
6649
IC 1287
56
6625
SCHILD
6604
M16 Adelaarsnevel
6605
−15°
6774
6645
6647
M18
M17 Omeganevel
IC 4701
M24
B 92
6716
M25
6567
M23
6590
IC 1284
6445
6440
Albaldah
Cr 394
ECLIPTICA
BOOGSCHUTTER
6717
6568
6629
6642
M21
6469
M20 Trifidnevel
Kaus
Borealis
M22
6559
Cr 367
6644
M8 Lagunenevel
6530
6638
M28
6544
Nunki
6553
Kaus
Media
6565
B 86 Inktvlek
Galactisch centrum
Ascella
M54
6624
6451
−30°
Alnasl
M70
6569
19h
18h
69


68
66
21h
20h
STEENBOK
M55
−30°
MICROSCOOP
79
IC 4991
6902
6868
−45°
7049
7144
IC 5152A
IC 5152
7090
INDIAAN
Peacock
PAUW
Voyager 2
2028
2040
7205
22h
21h
20h
80
70


67
19h
18h
6544
6553
Ascella
M54
Kaus
Media
6565
B 86 Inktvlek
6520
Galactisch centrum
BOOGSCHUTTER
M70
6522
Alnasl
6451
IC 4776
M69
6569
6652
B 87 Papegaaienkop
-30°
6425
6563
6416
Kaus
Australis
M6 Vlinderhoop
6723
6383
6726
M7 Ptolemaeushoop
IC 1297
6396
6441
Shaula
6400
ZUIDERKROON
Lesath
58
SCHORPIOEN
6541
6496
Sargas
6322
6388
IC 1266
-45°
TELESCOOP
6352
6584
ALTAAR
6326
6397
6208
6752
PAUW
19h
18h
17h
70
60


68
69
20h
19h
INDIAAN
Voyager 2
2028
2040
6752
21h
−60°
PAUW
6744
6684
IC 5052
6362
80
60
Mel 227
−75°
OCTANT
PARADIJSVOGEL
0h
IC 4499
KLEINE
WATERSLANG
Zuidpool
KAMELEON
3h
6h
9h
12h

Legenda



Magnitude van de sterren

Dubbelster

Veranderlijke ster (max. en min.)

Radiant van een meteorenzwerm

Sterrenbeeldfiguur

Ecliptica

Baan (1 januari)

Sterrenstelsel

Open sterrenhoop

Bolvormige sterrenhoop

Nevel

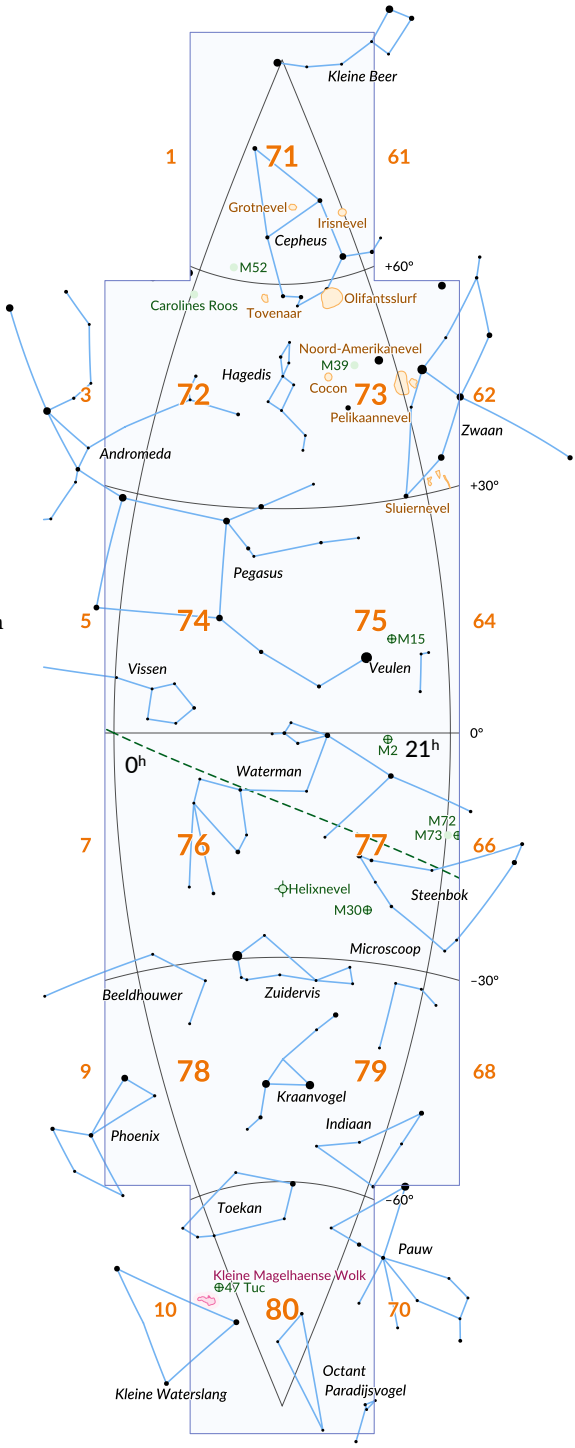
Donkere nevel

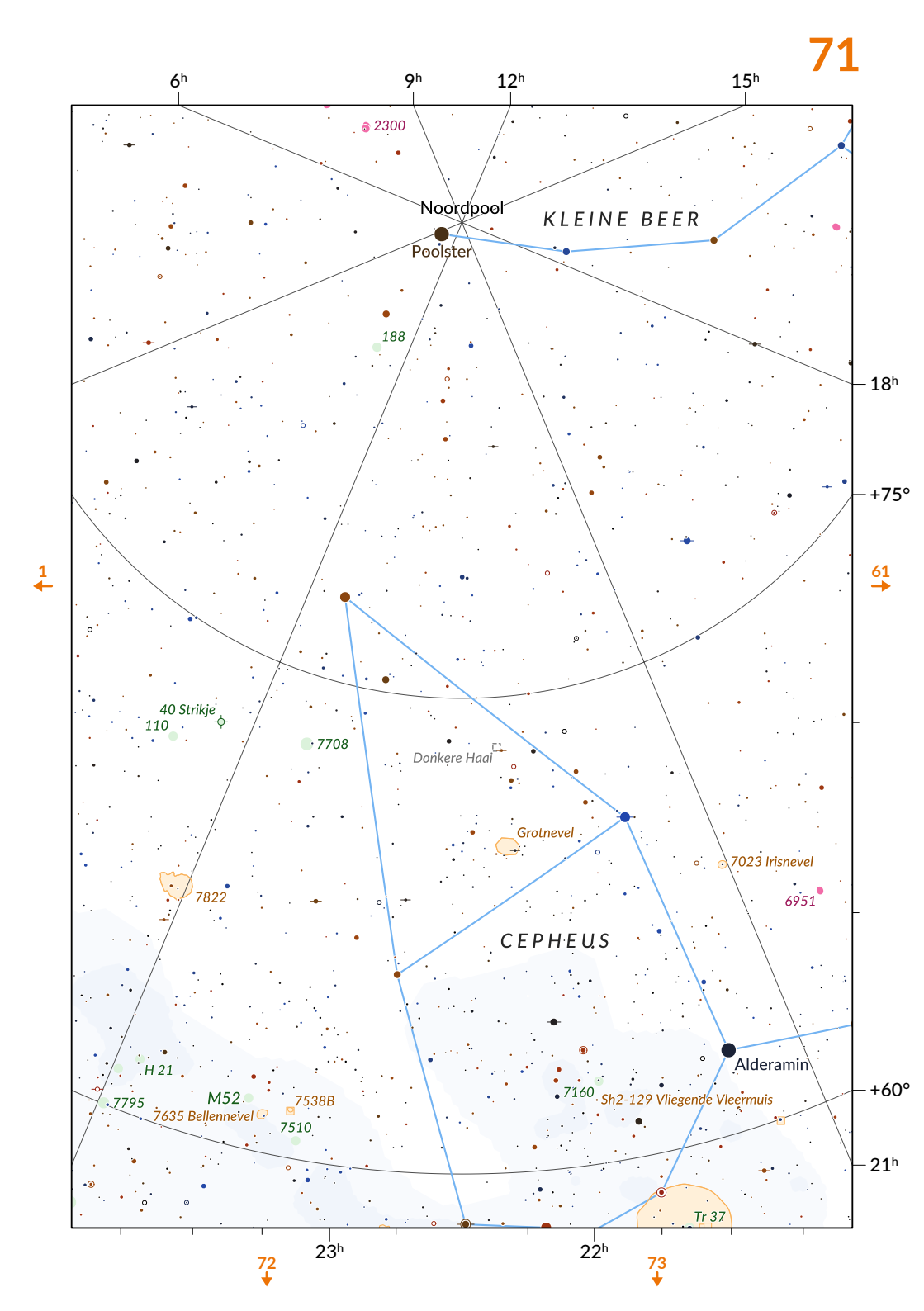
Planetaire nevel

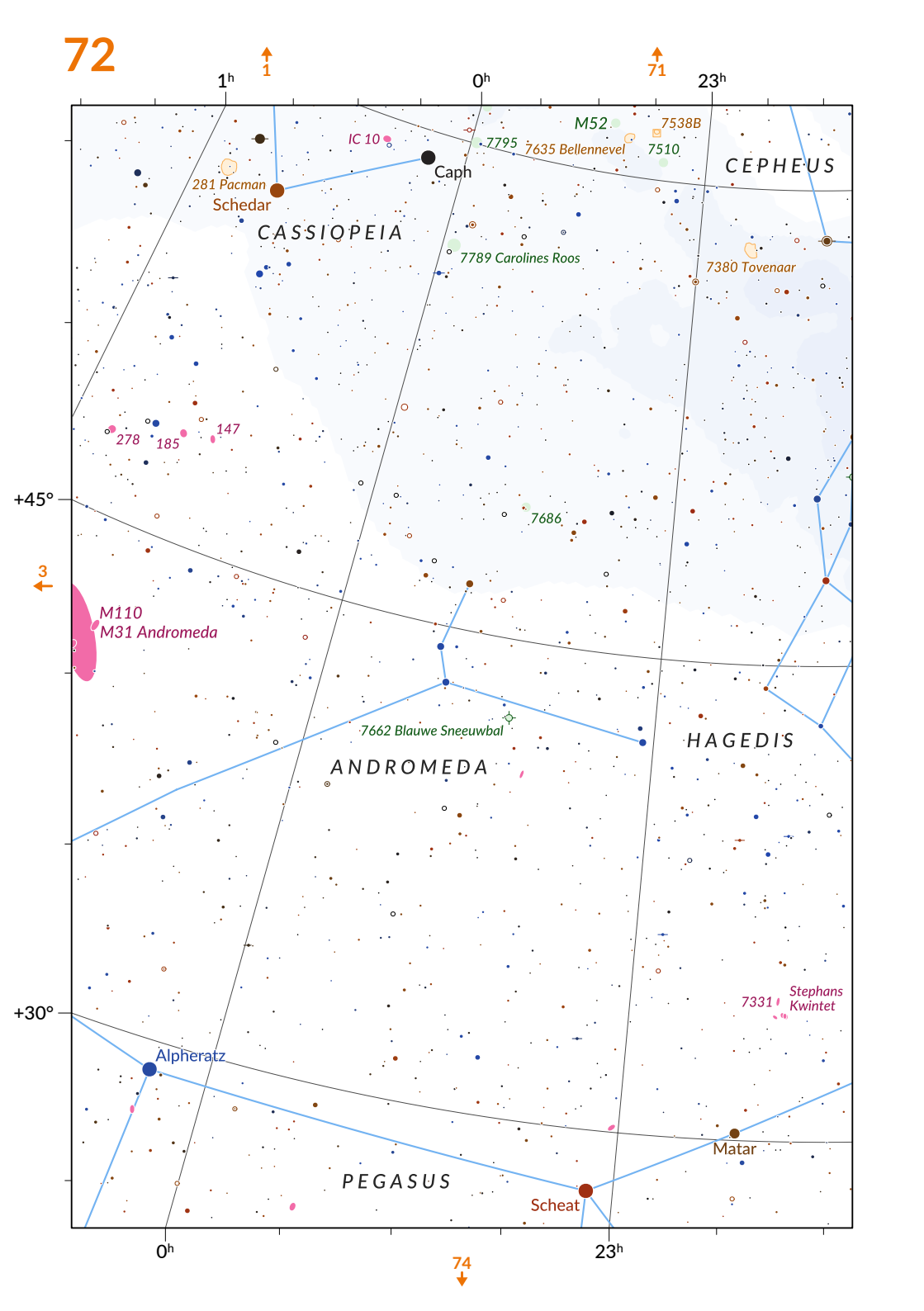
Kaarten 71–80

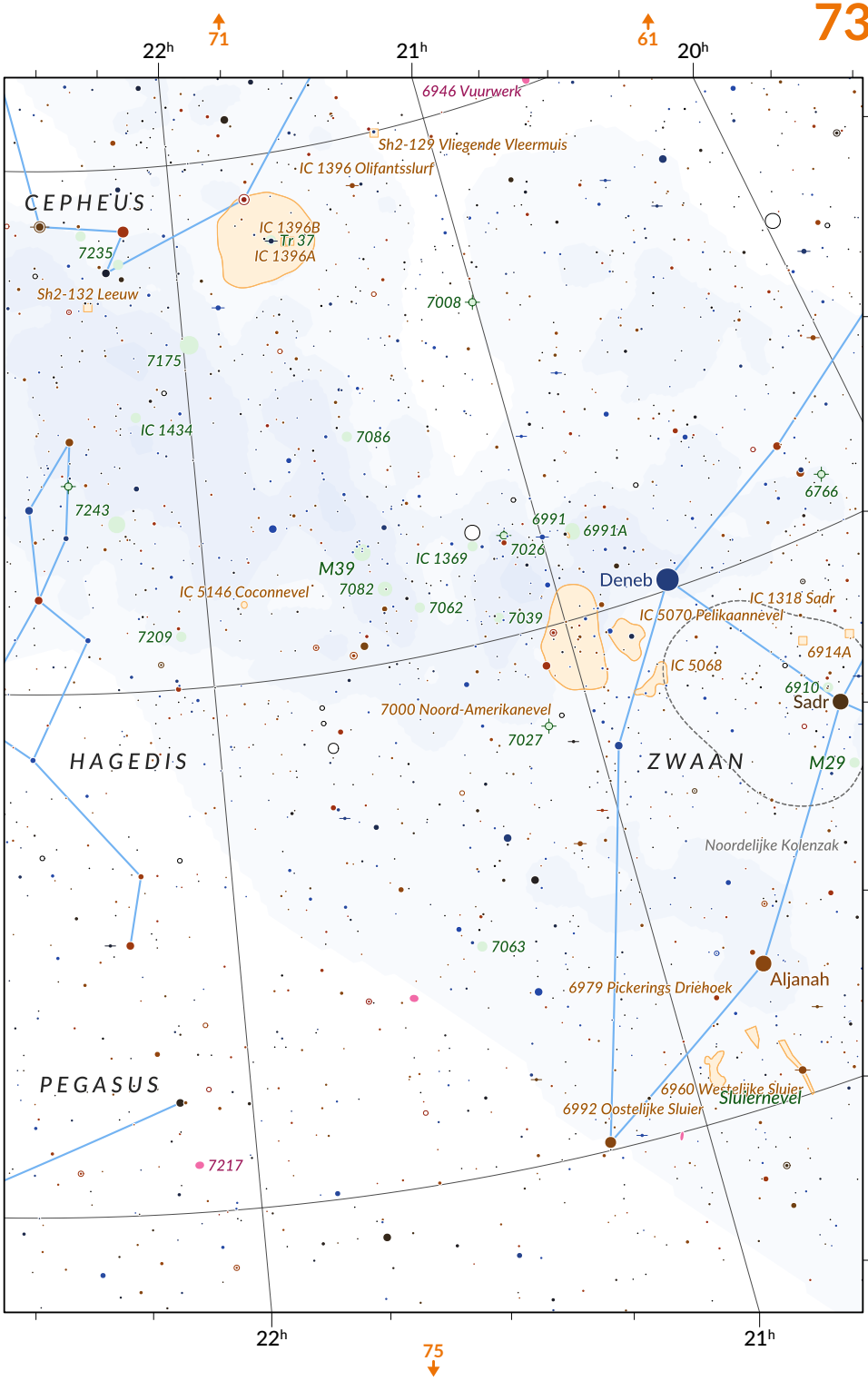
Rechte klimming 21^h tot 24^h

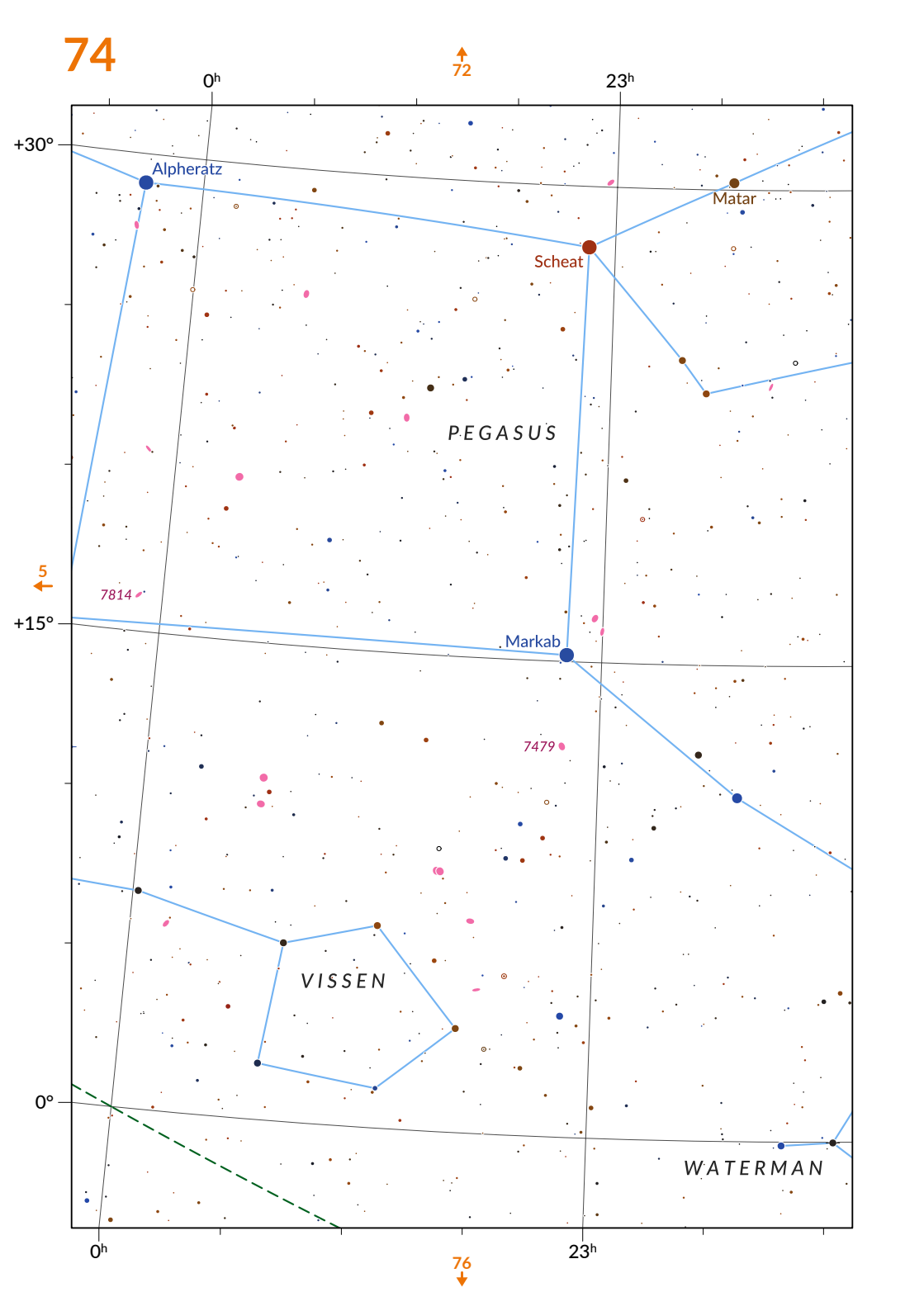
Oktober

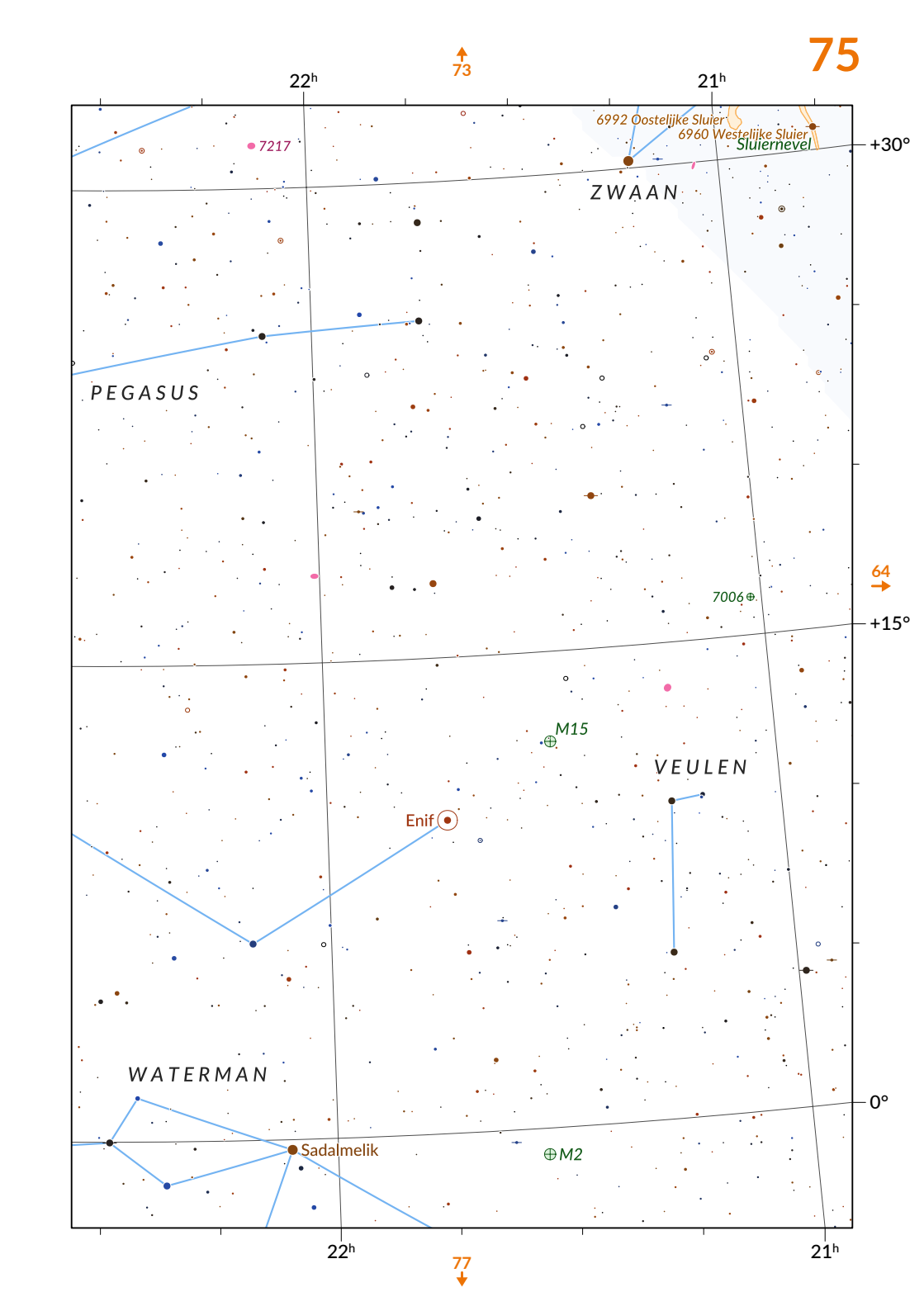


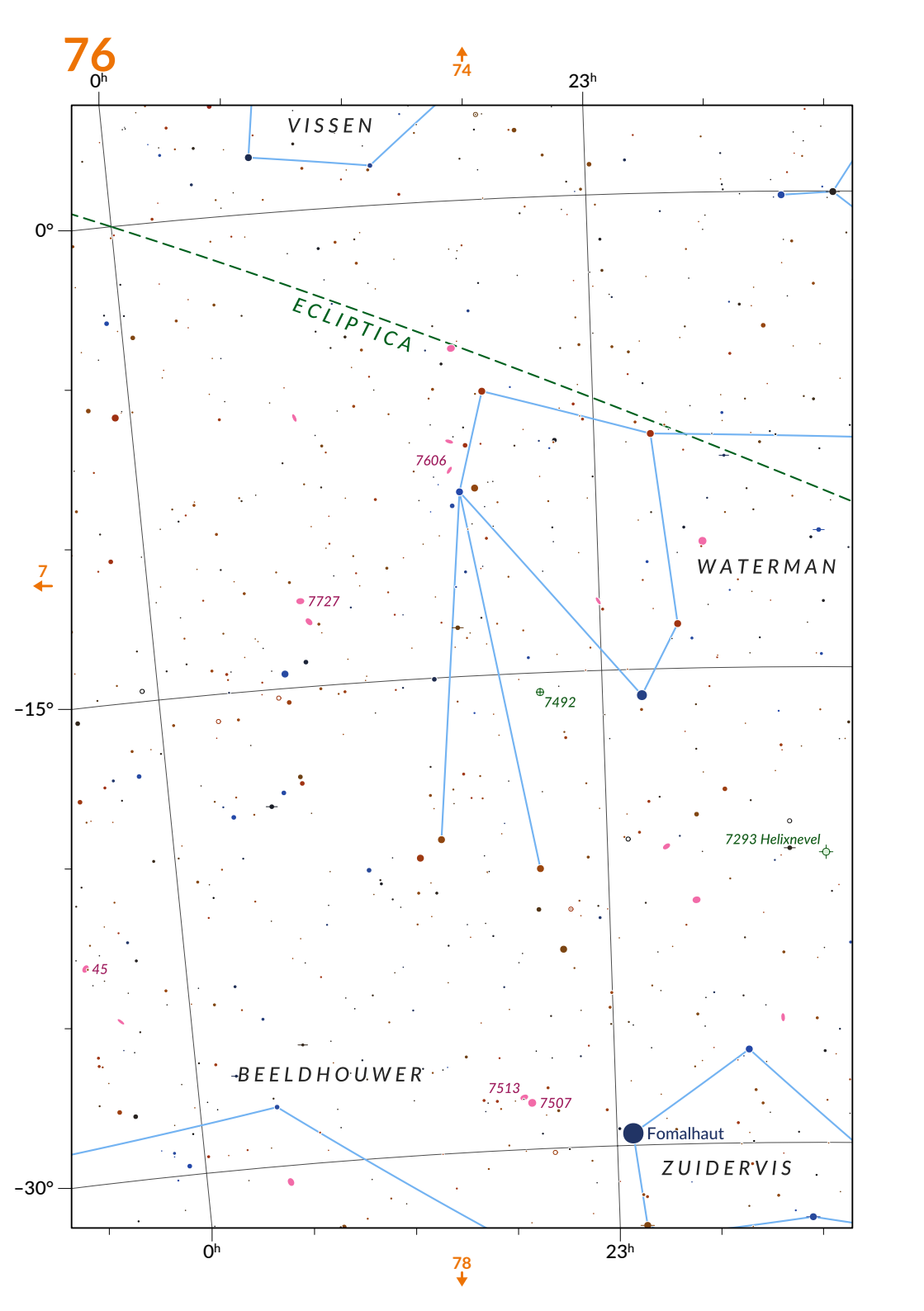

6h
9h
12h
15h
18h
+75°
+60°
21h
23h
22h
1
61
72
73
2300
Noordpool
Poolster
KLEINE BEER
188
40 Strikje
110
7708
Donkere Haai
Grotnevel
7023 Irisnevel
6951
7822
CEPHEUS
Alderamin
H 21
7795
M52
7635 Bellennevel
7538B
7510
7160
Sh2-129 Vliegende Vleermuis
Tr 37

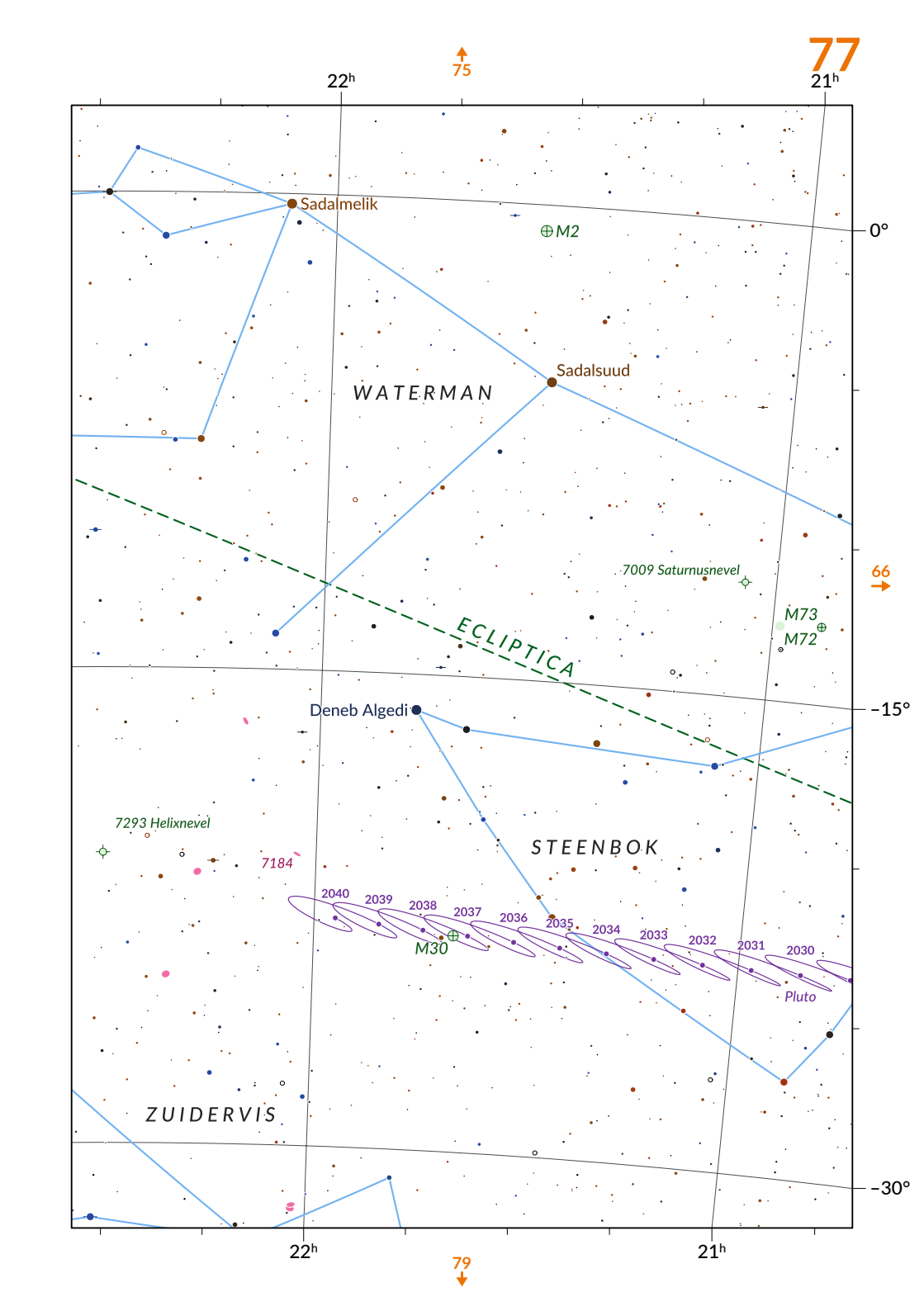

72
1
71
1h
0h
23h
M52
7538B
IC 10
7795
7635 Bellennevel
7510
CEPHEUS
Caph
281 Pacman
Schedar
CASSIOPEIA
7789 Caroline's Roos
7380 Tovenaar
278
185
147
+45°
7686
3
M110
M31 Andromeda
7662 Blauwe Sneeuwbal
HAGEDIS
ANDROMEDA
+30°
7331
Stephans Kwintet
Alpheratz
Matar
PEGASUS
Scheat
0h
23h
74

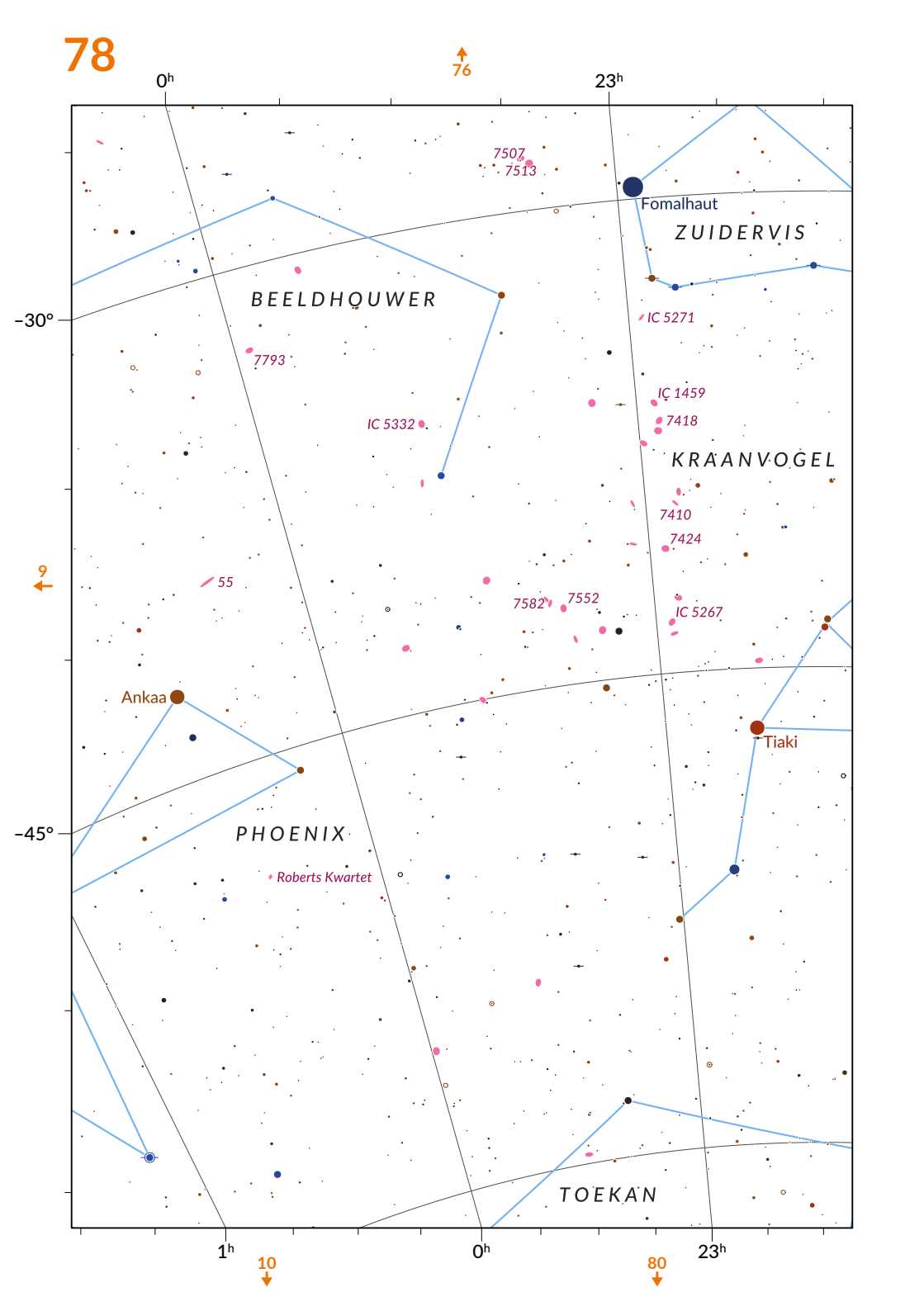

22h
71
21h
61
20h
6946 Vuurwerk
Sh2-129 Vliegende Vleermuis
IC 1396 Olifantsslurf
CEPHEUS
IC 1396B
Tr 37
IC 1396A
7235
Sh2-132 Leeuw
7008
7175
IC 1434
7086
7243
6766
+45°
6991
6991A
7026
IC 1369
M39
7082
IC 5146 Cocoonnevel
7062
7039
Deneb
IC 1318 Sadr
IC 5070 Pelikaannevel
62
7209
6914A
IC 5068
6910
Sadr
7000 Noord-Amerikanevel
7027
HAGEDIS
ZWAAN
M29
Noordelijke Kolenzak
7063
Aljanah
6979 Pickerings Driehoek
+30°
PEGASUS
6960 Westelijke Sluier
Sluiernevel
6992 Oostelijke Sluier
7217
22h
75
21h

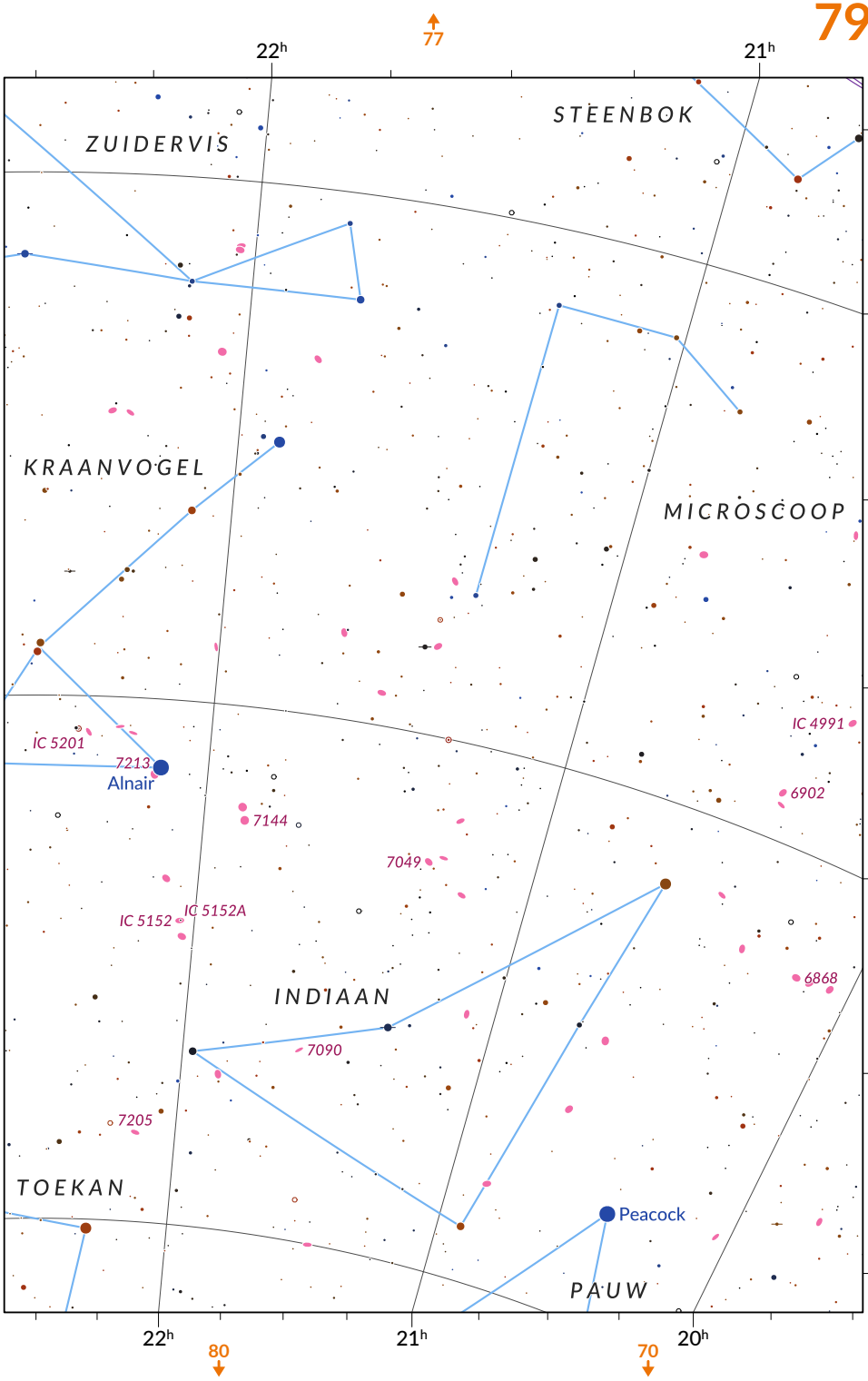

74
72
0h
23h
+30°
Alpheratz
Matar
Scheat
PEGASUS
5
7814
+15°
Markab
7479
VISSEN
0°
WATERMAN
0h
23h
76

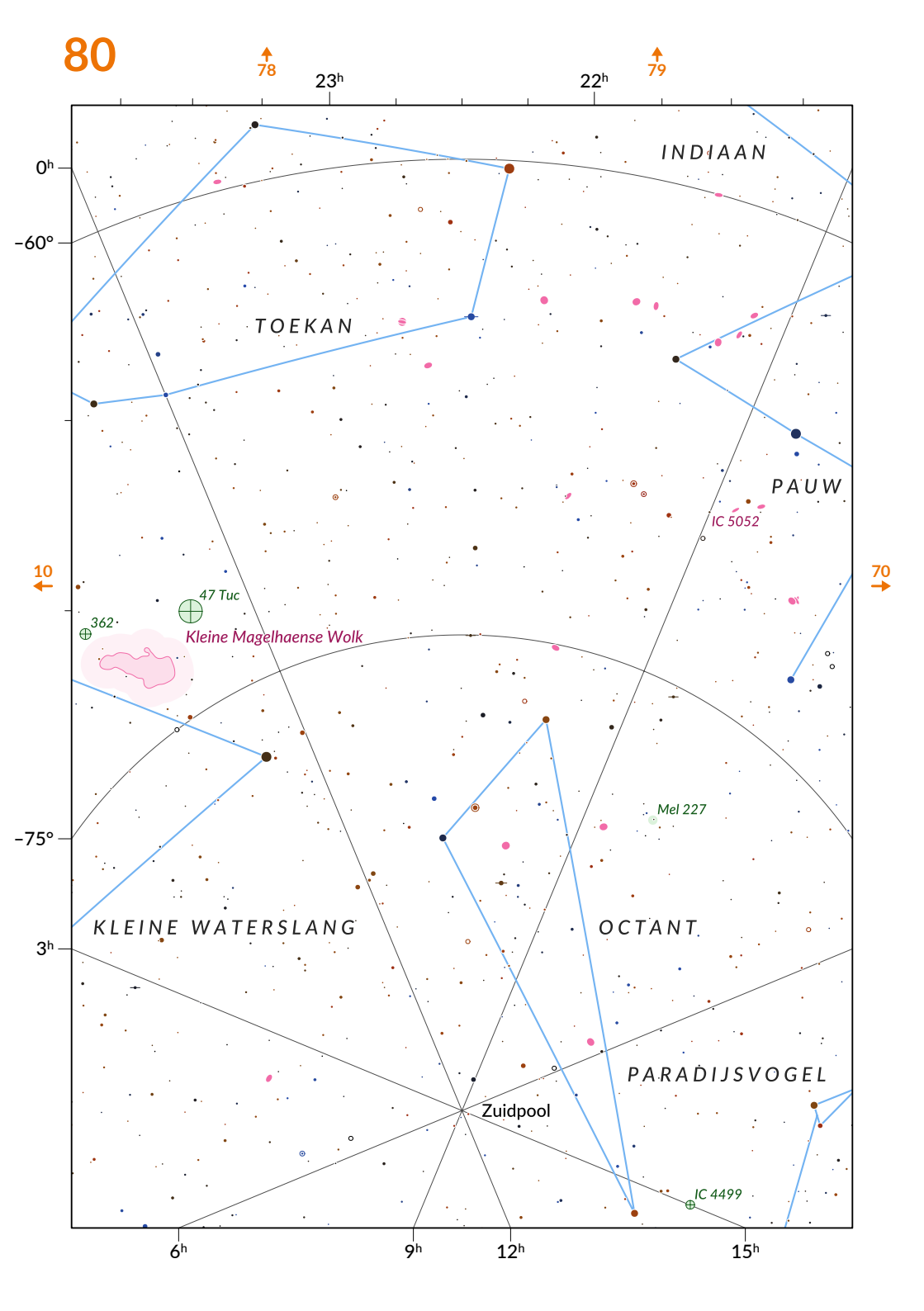

75
73
22h
21h
6992 Oostelijke Sluier
6960 Westelijke Sluier
Sluiernevel
7217
+30°
ZWAAN
PEGASUS
64
7006
+15°
M15
VEULEN
Enif
WATERMAN
Sadalmelik
M2
0°
22h
21h
77


76
74
0h
23h
VISSEN
0°
ECLIPTICA
7606
WATERMAN
7
7727
7492
−15°
7293 Helixnevel
45
BEELDHOUWER
7513
7507
Fomalhaut
ZUIDERVIS
−30°
0h
23h
78


77
75
22h
21h
Sadalmelik
M2
0°
WATERMAN
Sadalsuud
7009 Saturnusnevel
66
M73
M72
ECLIPTICA
Deneb Algedi
−15°
7293 Helixnevel
7184
STEENBOK
2040
2039
2038
2037
2036
2035
2034
2033
2032
2031
2030
M30
Pluto
ZUIDERVIS
−30°
22h
21h
79


78
76
0h
23h
7507
7513
Fomalhaut
ZUIDERVIS
BEELDHOUWER
−30°
IC 5271
7793
IC 1459
IC 5332
7418
KRAANVOGEL
7410
7424
9
55
7582
7552
IC 5267
Ankaa
Tiaki
−45°
PHOENIX
Roberts Kwartet
TOEKAN
1h
0h
23h
10
80


77
22h
21h
ZUIDERVIS
STEENBOK
−30°
KRAANVOGEL
MICROSCOOP
68
IC 5201
7213
Alnair
IC 4991
6902
7144
7049
−45°
IC 5152
IC 5152A
6868
INDIAAN
7090
7205
TOEKAN
Peacock
PAUW
22h
21h
20h
80
70


80
78
79
23h
22h
0h
−60°
INDIAAN
TOEKAN
PAUW
IC 5052
10
70
47 Tuc
362
Kleine Magelhaense Wolk
Mel 227
−75°
KLEINE WATERSLANG
OCTANT
3h
PARADIJSVOGEL
Zuidpool
IC 4499
6h
9h
12h
15h