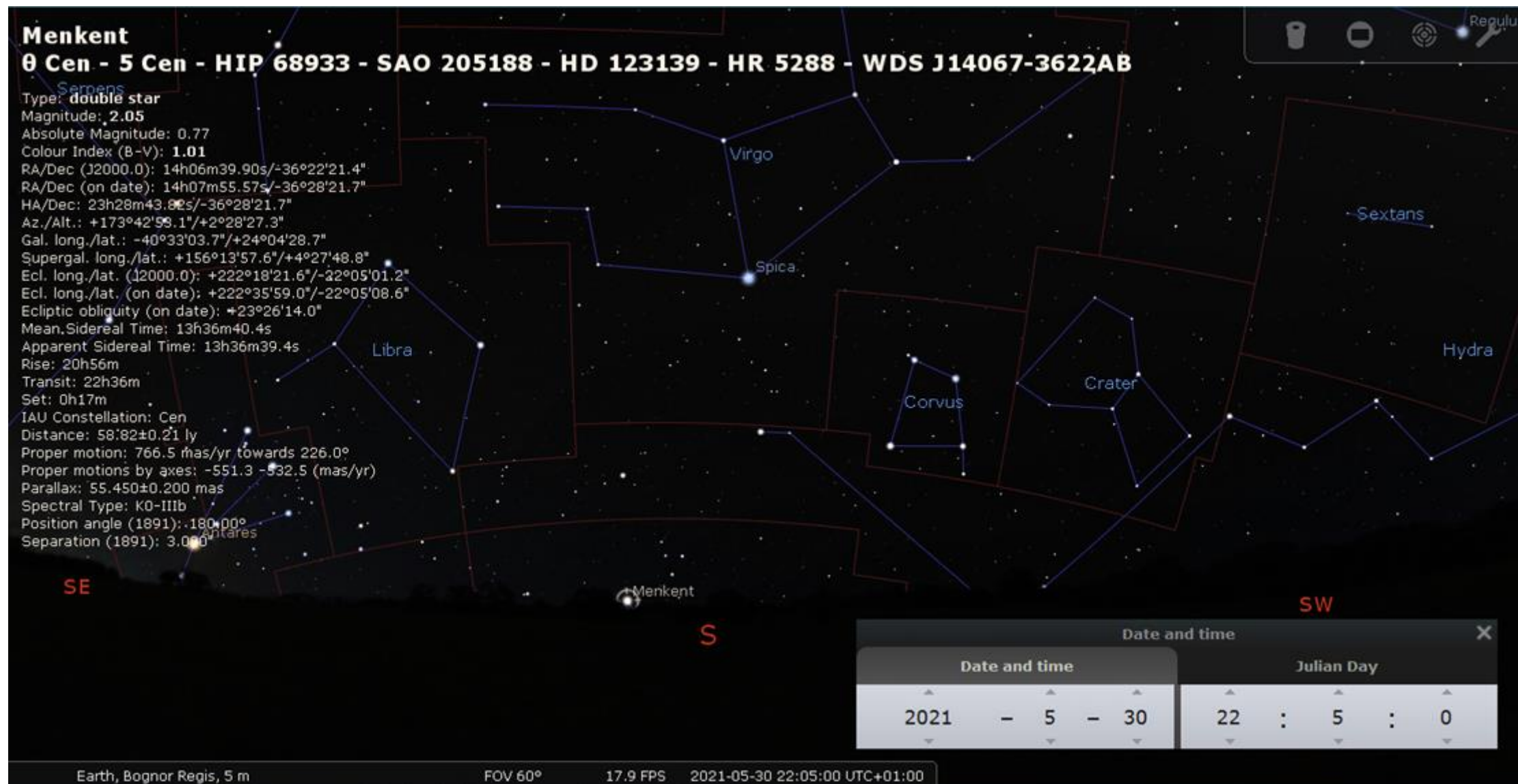


On Sunday May 30th 2021, the star Menkent rises and rolls along the horizon heralding the arrival of Christmas Australis!

The situation at 22:05 facing due south. (Constellation guidelines are included in this version.)



The situation at 22:15 facing due south.

Menkent
θ Cen - 5 Cen - HIP 68933 - SAO 205188 - HD 123139 - HR 5288 - WDS J14067-3622AB

Type: **double star**
 Magnitude: **2.05**
 Absolute Magnitude: 0.77
 Colour Index (B-V): **1.01**
 RA/Dec (J2000.0): 14h06m39.90s/-36°22'21.4"
 RA/Dec (on date): 14h07m55.57s/-36°28'21.7"
 HA/Dec: 23h38m45.47s/-36°28'21.7"
 Az./Alt.: +175°43'38.1"/+2°37'12.3"
 Gal. long./lat.: -40°33'03.7"/+24°04'28.7"
 Supergal. long./lat.: +156°13'57.6"/+4°27'48.8"
 Ecl. long./lat. (J2000.0): +222°18'21.6"/-22°05'01.2"
 Ecl. long./lat. (on date): +222°35'59.0"/-22°05'08.6"
 Ecliptic obliquity (on date): +23°26'14.0"
 Mean Sidereal Time: 13h46m42.0s
 Apparent Sidereal Time: 13h46m41.0s
 Rise: 20h56m
 Transit: 22h36m
 Set: 0h17m
 IAU Constellation: Cen
 Distance: 58.82±0.21 ly
 Proper motion: 766.5 mas/yr towards 226.0°
 Proper motions by axes: -551.3 -532.5 (mas/yr)
 Parallax: 55.450±0.200 mas
 Spectral Type: K0-IIIb
 Position angle (1891): 180.009 arcsec
 Separation (1891): 3.000"

SE S SW

Date and time						Date and time			Julian Day		
2021	-	5	-	30		22	:	15	:	0	

Earth, Bognor Regis, 5 m FOV 60° 17.9 FPS 2021-05-30 22:15:00 UTC+01:00

The situation at 22:25 facing due south.

Menkent
θ Cen - 5 Cen - HIP 68933 - SAO 205188 - HD 123139 - HR 5288 - WDS J14067-3622AB

Type: **double star**
 Magnitude: **2.05**
 Absolute Magnitude: 0.77
 Colour Index (B-V): **1.01**
 RA/Dec (J2000.0): 14h06m39.90s/-36°22'21.4"
 RA/Dec (on date): 14h07m55.57s/-36°28'21.7"
 HA/Dec: 23h48m47.11s/-36°28'21.7"
 Az./Alt.: +177°44'35.5"/+2°42'37.2"
 Gal. long./lat.: -40°33'03.7"/+24°04'28.7"
 Supergal. long./lat.: +156°13'57.6"/+4°27'48.8"
 Ecl. long./lat. (J2000.0): +222°18'21.6°/-22°05'01.2°
 Ecl. long./lat. (on date): +222°35'59.0°/-22°05'08.6°
 Ecliptic obliquity (on date): +23°26'14.0°
 Mean Sidereal Time: 13h56m43.7s
 Apparent Sidereal Time: 13h56m42.7s
 Rise: 20h56m
 Transit: 22h36m
 Set: 0h17m
 IAU Constellation: Cen
 Distance: 58.82±0.21 ly
 Proper motion: 766.5 mas/yr, towards 226.0°
 Proper motions by axes: -551.3 -532.5 (mas/yr)
 Parallax: 55.450±0.200 mas
 Spectral Type: K0-IIIb
 Position angle (1891): 180.00°
 Separation (1891): 3.000"

SE S SW

Date and time						Julian Day			
2021	-	5	-	30	22	:	25	:	0

Earth, Bognor Regis, 5 m FOV 60° 17.9 FPS 2021-05-30 22:25:00 UTC+01:00

The situation at 22:35 facing due south.

Menkent
θ Cen - 5 Cen - HIP 68933 - SAO 205188 - HD 123139 - HR 5288 - WDS J14067-3622AB

Type: **double star**
 Magnitude: **2.05**
 Absolute Magnitude: 0.77
 Colour Index (B-V): **1.01**
 RA/Dec (J2000.0): 14h06m39.90s/-36°22'21.4"
 RA/Dec (on date): 14h07m55.57s/-36°28'21.7"
 HA/Dec: 23h58m48.75s/-36°28'21.7"
 Az./Alt.: +179°45'39.6"/+2°44'41.5"
 Gal. long./lat.: -40°33'03.7"/+24°04'28.7"
 Supergal. long./lat.: +156°13'57.6"/+4°27'48.8"
 Ecl. long./lat. (J2000.0): +222°18'21.6"/-22°05'01.2"
 Ecl. long./lat. (on date): +222°35'59.0"/-22°05'08.6"
 Ecliptic obliquity (on date): +23°26'14.0"
 Mean Sidereal Time: 14h06m45.3s
 Apparent Sidereal Time: 14h06m44.3s
 Rise: 20h56m
 Transit: 22h36m
 Set: 0h17m

IAU Constellation: Cen
 Distance: 58.82±0.21 ly
 Proper motion: 766.5 mas/yr towards 226.0°
 Proper motions by axes: -551.3 -532.5 (mas/yr)
 Parallax: 56.450±0.200 mas
 Spectral Type: K0-IIIb
 Position angle (1891): 180.00°
 Separation (1891): 3.000"

SE S SW

Date and time						Date and time			Julian Day		
2021	-	5	-	30		22	:	35	:	0	

Earth, Bognor Regis, 5 m FOV 60° 17.9 FPS 2021-05-30 22:35:00 UTC+01:00

The situation at 22:26 facing due south. (Menkent at maximum altitude of 2° 44' 42.9'')

Menkent
θ Cen - 5 Cen - HIP 68933 - SAO 205188 - HD 123139 - HR 5288 - WDS J14067-3622AB

Type: **double star**
 Magnitude: **2.05**
 Absolute Magnitude: 0.77
 Colour Index (B-V): **1.01**
 RA/Dec (J2000.0): 14h06m39.90s/-36°22'21.4"
 RA/Dec (on date): 14h07m55.57s/-36°28'21.7"
 HA/Dec: 23h59m48.92s/-36°28'21.7"
 Az./Alt.: +179°57'46.1"/+2°44'42.9"
 Gal. long./lat.: -40°33'03.7"/+24°04'28.7"
 Supergal. long./lat.: +156°13'57.6"/+4°27'48.8"
 Ecl. long./lat. (J2000.0): +222°18'21.6"/-22°05'01.2"
 Ecl. long./lat. (on date): +222°35'59.0"/-22°05'08.6"
 Ecliptic obliquity (on date): +23°26'14.0"
 Mean Sidereal Time: 14h07m45.5s
 Apparent Sidereal Time: 14h07m44.5s
 Rise: 20h56m
 Transit: 22h36m
 Set: 0h17m

IAU Constellation: Cen
 Distance: 58.82±0.21 ly
 Proper motion: 766.5 mas/yr towards 226.0°
 Proper motion by axes: -551.3 -532.5 (mas/yr)
 Parallax: 55.450±0.200 mas
 Spectral Type: K0-IIIb
 Position angle (1891): 180.00°
 Separation (1891): 3.000"

SE S SW

Menkent

Date and time						Julian Day				
Date and time						Julian Day				
2021	-	5	-	30		22	:	36	:	0

Earth, Bognor Regis, 5 m FOV 60° 17.9 FPS 2021-05-30 22:36:00 UTC+01:00

The situation at 23:00 facing due south.

Menkent
θ Cen - 5 Cen - HIP 68933 - SAO 205188 - HD 123139 - HR 5288 - WDS J14067-3622AB

Type: double star
Magnitude: 2.05
Absolute Magnitude: 0.77
Colour Index (B-Y): 1.01
RA/Dec (J2000.0): 14h06m39.90s/-36°22'21.4"
RA/Dec (on date): 14h07m55.57s/-36°28'21.7"
HA/Dec: 0h23m52.86s/-36°28'21.7"
Az./Alt.: +184°48'09.8"/+2°35'13.5"
Gal. long./lat.: -40°33'03.7"/+24°04'28.7"
Supergal. long./lat.: +156°13'57.6"/+4°27'48.8"
Ecl. long./lat. (J2000.0): +222°18'21.6°/-22°05'01.2°
Ecl. long./lat. (on date): +222°35'59.0°/-22°05'08.6°
Ecliptic obliquity (on date): +23°26'14.0°
Mean Sidereal Time: 14h31m49.4s
Apparent Sidereal Time: 14h31m48.4s
Rise: 20h56m
Transit: 22h36m
Set: 0h17m
IAU Constellation: Cen
Distance: 58.82±0.21 ly
Proper motion: 766.5 mas/yr towards 226.0°
Proper motions by axes: -551.3 -532.5 (mas/yr)
Parallax: 55.450±0.200 mas
Spectral Type: K0-IIIb
Position angle (1891): 180.00°
Separation (1891): 3.000"

SE S SW

Date and time						Julian Day			
Date and time						Julian Day			
2021	-	5	-	30	23	:	0	:	0

Earth, Bognor Regis, 5 m FOV 60° 17.9 FPS 2021-05-30 23:00:00 UTC+01:00