

DeepskyLog 5.0

What to expect



DeepskyLog

Vereniging Voor Sterrenkunde
Association for Astronomy

New Layout

- Bootstrap
 - Responsive
 - Easy to use framework
- TableSorter
 - Sorting
 - Movable columns

DeepskyLog

View ▾ Search ▾ Downloads ▾ Help ▾

Login Register Deepsky ▾

Register

Username

This is the name you will use to log

Email address

Your email address will remain cor

First name

Name

Motivation

Please tell us briefly why you register, this allows us to eliminate automatic registrations.

Password



This is not your email account's password

Confirm password



Standard language for observations

DeepskyLog

Username

Password

Hünstetten-Limbach, nördlich auf der Anhöhe ▾

Obsession 18" ▾

List - Manage

Date 1/4/2015

- Search

Overview of last year's observations

M 45

Show all languages

List

Compact

Search Object

Search Observations

New Observation

Moon / Sun

on 01><02/04/2015

Night from to

Moon 15:10 3:49

Sun 17:59 05:02

Naut. 19:11 03:50

Astro. 19:53 03:07



Actual moon:

New moon: 18 Apr

	Object name	Constellation	Observer	Instrument	Date	My LO instrument	My LO date	(*)
+ !	NGC 436	Cassiopeia	Wim De Meester	80mm refractor (80 mm)	04/09/2015			D AO
H400 15	Translate					Translate		
OCL 320	Dit is een soort Hyaden-achtig hoopje met op de plek van Aldebaran een dubbelster. Er staan meer losse sterren in de achtergrond dan in de echte Hyaden. Aan de punt staan twee tamelijk heldere sterren.							
Mei 6								
Cr 11								
+ !	NGC 908	Cetus	Wim De Meester	80mm refractor (80 mm)	24/12/2014			D AO
H400 37	Translate					Translate		
ESO 545-11	Dit is een langwerpige vlek ten zuiden van 4 zwakke sterren. Aan de zuid-oost kant staat een zwakke ster. Het is een langwerpige vlek met een vage kern en verder geen details. Ten noorden ervan zie ik ook NGC 907, NGC 899 en IC 223. NGC 899 is het makkelijkst te zien. Het is een vage vlek. NGC 907 is wat moeilijker en IC 223 ziet eruit als een even grote vlek als NGC 899 maar heel zwak en rond.							
+ !	NGC 6818	Sagittarius	Wim De Meester	Dobson Lightbridge (304 mm)	21/08/2014	Dobson Lightbridge (304 mm)	21/08/2014	D AO MO LO
H400 360	Translate					Translate		
PK 025-17.01	2 breite helle Streifen, oberer Streifen größer, zwischen den Streifen quer dazu kleiner dunkler Streifen oder Kreis, Randbereich des Nebels schwächer					2 breite helle Streifen, oberer Streifen größer, zwischen den Streifen quer dazu kleiner dunkler Streifen oder Kreis, Randbereich des Nebels schwächer		
Little Gem								
+ !	Pal 11	Aquila	Wim De Meester	Dobson Lightbridge (304 mm)	21/08/2014	Dobson Lightbridge (304 mm)	21/08/2014	D AO MO LO
	Translate					Translate		
	Mitbeobachter Andreas ebenfalls unsicher, ob das Objekt zu erkennen war Zirren in der Himmelsregion					Mitbeobachter Andreas ebenfalls unsicher, ob das Objekt zu erkennen war Zirren in der Himmelsregion		
+ !	QSO HS	Pegasus	Wim De Meester	Dobson Lightbridge (304 mm)	22/08/2014	Dobson Lightbridge (304 mm)	22/08/2014	D AO MO LO
J	Translate					Translate		
215647.3+224250	220x => blitzt gelegentlich auf, dann aber eindeutig 400x => besser, aber auch kaum dauerhaft zu halten 3 Mitbeobachter konnten die Sichtung mit identischer Wahrnehmung bestätigen Entfernung: Mit z=1,29 resultiert eine comoval distance von 13,1 Gigalightyears !!					220x => blitzt gelegentlich auf, dann aber eindeutig 400x => besser, aber auch kaum dauerhaft zu halten 3 Mitbeobachter konnten die Sichtung mit identischer Wahrnehmung bestätigen Entfernung: Mit z=1,29 resultiert eine comoval distance von 13,1 Gigalightyears !!		
2154+2228								
+ !	3C 454.3	Pegasus	Wim De Meester	Dobson Lightbridge (304 mm)	22/08/2014	Dobson Lightbridge (304 mm)	22/08/2014	D AO MO LO
	Translate					Translate		

Hünstetten-Limbach, nördlich auf der Anhöhe ▾

Obsession 18" ▾

List - Manage

Date 1/4/2015

- Search

Most active observers

M 45

Search Object

Search Observations

New Observation

- Moon / Sun
on 01/18<02/04/2015

Night	from	to
Moon	15:10	3:49
Sun	17:59	05:02
Naut.	19:11	03:50
Astro.	19:53	03:07



Actual moon:

New moon: 18 Apr

Rank	Observer	Number of observations	Number of drawings	Observations last year	Drawings last year	M	Different objects
1	Bob Hogeveen	6207 (8.87%)	215 (2.37%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	3802 (48.85%)
2	Tom Polakis	3881 (5.54%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	109 (7.21%)	2317 (29.77%)
3	Arie Otte	3232 (4.62%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	2757 (35.42%)
4	Nico de Jongh	3007 (4.30%)	22 (0.24%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	838 (10.77%)
5	Jan Vanautgaerden	2751 (3.93%)	99 (1.09%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	1592 (20.45%)
6	Wim De Meester	2302 (3.29%)	40 (0.44%)	44 (100.00%)	1 (100.00%)	110 (7.28%)	1524 (19.58%)
7	David Erzeel	2184 (3.12%)	1138 (12.54%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	1781 (22.88%)
8	Olivier Van Aelst	2107 (3.01%)	11 (0.12%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	1522 (19.56%)
9	Constantin Lazzari	2043 (2.92%)	19 (0.21%)	0 (0.00%)	0 (0.00%)	105 (6.94%)	1084 (13.93%)
10	Eric Van der Jeught	1791 (2.56%)	1044 (11.51%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	1130 (14.52%)
11	Thomas Pfleger	1511 (2.16%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	1005 (12.91%)
12	Jef De Wit	1442 (2.06%)	239 (2.63%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	918 (11.79%)
13	Luc Waignein	1404 (2.01%)	452 (4.98%)	0 (0.00%)	0 (0.00%)	102 (6.75%)	1204 (15.47%)
14	Kurt Christiaens	1393 (1.99%)	589 (6.49%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	886 (11.38%)
15	Jan van Gastel	1312 (1.87%)	6 (0.07%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	1241 (15.95%)
16	Patrick Duis	1279 (1.83%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	346 (4.45%)
17	Frank Hol	1267 (1.81%)	1 (0.01%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	663 (8.52%)
18	Jan Willem van der Kouwe	1234 (1.76%)	1 (0.01%)	0 (0.00%)	0 (0.00%)	110 (7.28%)	866 (11.13%)
19	Michiel Peltjes	1126 (1.62%)	692 (7.62%)	0 (0.00%)	0 (0.00%)	65 (4.30%)	742 (9.55%)

Hünstetten-Limbach, nördlich auf der Anhöhe ▾

Obsession 18" ▾

List - Manage

Date 1/4/2015

- Search

Query observations

M 45

 Search Object Search Observations New Observation- Moon / Sun
on 01><02/04/2015

Night	from	to
Moon	15:10	3:49
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Naut.	19:11	03:50
Astro.	19:53	03:07



Actual moon:

New moon: 18 Apr

Seen

All objects, seen or not

Object name

Constellation

Type

Magnitude brighter than

Magnitude fainter than

Surface brightness lower than

Surface brightness higher than

Observer

From

Till

Location

Minimum Latitude

---	:	°	:	'	:	''
---	:	°	:	'	:	''
---	:	°	:	'	:	''

Maximum Latitude

---	:	°	:	'	:	''
---	:	°	:	'	:	''
---	:	°	:	'	:	''

Minimum seeing

Atlas Page

Minimum declination

Maximum RA

Maximum RA

Instrument

Minimum instrument diameter

inch

Maximum instrument diameter

inch

Minimum limiting magnitude

---	---
---	---
---	---

Maximum limiting magnitude

---	---
---	---
---	---

Maximum seeing

Only observations with drawing

 without drawing

Minimum visibility

Hünstetten-Limbach, nördlich auf der Anhöhe ▾

Obsession 18" ▾

List - Manage

Date 1/4/2015

- Search

Instruments of Wim De Meester

M 45

Search Object

Search Observations

New Observation

- Moon / Sun
on 01><02/04/2015

Night from to

Moon 15:10 3:49

Sun 17:59 05:02

Naut. 19:11 03:50

Astro. 19:53 03:07



Actual moon:

New moon: 18 Apr

Select columns

Actif	Name	Diameter (mm)	F/D	Fixed magnification	Type	Default instrument	Number of observations
<input type="checkbox"/>							
<input checked="" type="checkbox"/>	Naked Eye	7	-	1	Naked Eye	<input type="radio"/>	8 observations
<input type="checkbox"/>	7x50 zoeker	50	-	7	Finderscope	<input type="radio"/>	9 observations
<input checked="" type="checkbox"/>	8x50 Tal zoeker	50	-	8	Finderscope	<input type="radio"/>	2 observations
<input checked="" type="checkbox"/>	Vixen 20x80	80	-	20	Binoculars	<input type="radio"/>	121 observations
<input checked="" type="checkbox"/>	Obsession 18"	457	4.5	-	Reflector	<input checked="" type="radio"/>	1702 observations
<input type="checkbox"/>	22cm zelfbouw	222	5.8	-	Reflector	<input type="radio"/>	408 observations
<input checked="" type="checkbox"/>	Zenith 10x50	50	-	10	Binoculars	<input type="radio"/>	12 observations
<input type="checkbox"/>	Obsession 15"	381	4.5	-	Reflector	<input type="radio"/>	1 observation
<input checked="" type="checkbox"/>	20 cm reisdobson	203	4	-	Reflector	<input type="radio"/>	17 observations
<input checked="" type="checkbox"/>	80mm refractor	80	5	-	Refractor	<input type="radio"/>	3 observations

◀◀ 1 to 10 (11) ▶▶ 10 ▾ 1 ▾

Add new instrument

Add an existing instrument

Add instrument

Hünstetten-Limbach, nördlich auf der Anhöhe ▾

Obsession 18" ▾

List - Manage

Date 1/4/2015

- Search

M 45

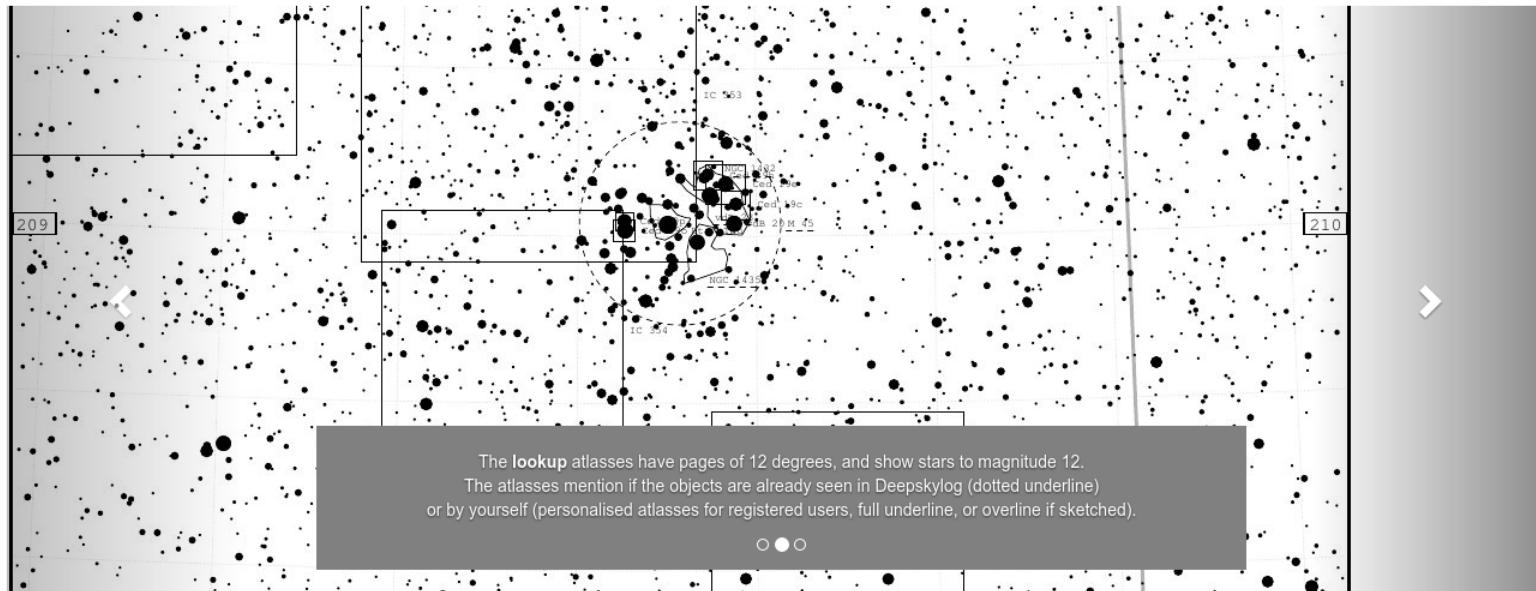
 Search Object Search Observations New Observation- Moon / Sun
on 01><02/04/2015

Night	from	to
Moon	15:10	3:49
Sun	17:59	05:02
Naut.	19:11	03:50
Astro.	19:53	03:07



Actual moon: 18 Apr

DeepskyLog atlases



The lookup atlases have pages of 12 degrees, and show stars to magnitude 12.

The atlases mention if the objects are already seen in Deepskylog (dotted underline) or by yourself (personalised atlases for registered users, full underline, or overline if sketched).



General Atlases / Personalised Atlases

You can either go for general atlases, or (if you are a registered user) personalised atlases.

- General atlases are precompiled and are ready to download as one big pdf file.
- Personalised atlases are generated, page per page, for you in pdf format.

Personalised atlases take some time (one page) or much more time (complete atlas) to generate and you will have to use some software to put the pages together yourself for the complete atlas.

First choose your page layout

Hünstetten-Limbach, nördlich auf der Anhöhe ▾

Obsession 18" ▾

List - Manage

Date 1/4/2015

- Search

Settings

M 45

[Search Object](#)[Search Observations](#)[New Observation](#)- Moon / Sun
on 01><02/04/2015

Night	from	to
Moon	15:10	3:49
Sun	17:59	05:02
Naut.	19:11	03:50
Astro.	19:53	03:07



Actual moon:

New moon: 18 Apr

Username	wim		This is the name you will use to log in
Email address	wim.demeester@ster.kuleuven.be		Your email address will remain confidential
First name	Wim		
Name	De Meester		
Password			This is not your email account's password
Confirm password			
Send emails	<input checked="" type="checkbox"/>		Send messages as email.
Use local time	<input checked="" type="checkbox"/>		Use local time to enter and query observations
ICQ observercode	WDM		ICQ code for comet observations
Default observing site	Hünstetten-Limbach, nördlich auf der Anhöhe		Add new observing site
Default instrument	Obsession 18"		Add instrument
Default atlas	Interstellarum Deep Sky Atlas		
fstOffset	0		Offset between measured SQM value and the faintest visible star.
Picture	Choose File	No file chosen	

Hünstetten-Limbach, nördlich auf der Anhöhe ▾

Obsession 18" ▾

List - Manage

Date 1/4/2015

- Search

Wim De Meester

M 45

[Search Object](#)[Search Observations](#)[New Observation](#)- Moon / Sun
on 01><02/04/2015

Night	from	to
Moon	15:10	3:49
Sun	17:59	05:02
Naut.	19:11	03:50
Astro.	19:53	03:07

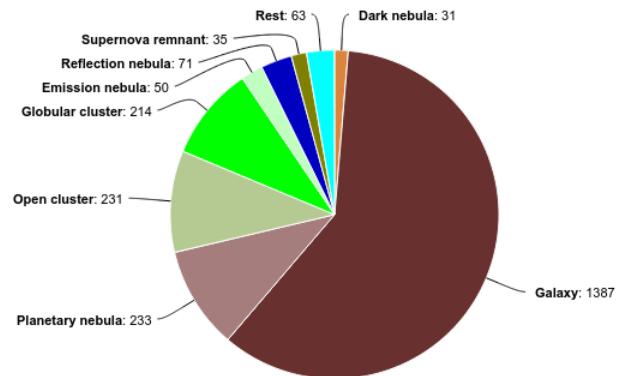


Actual moon:

New moon: 18 Apr

[Info](#)[Observations per year](#)[Object types observed](#)[DeepskyLog stars](#)

Object types seen : Wim De Meester

Source: <http://localhost/deepskylog/>

Highcharts.com

Add one or more Instruments

Change ▾

Administration ▾

Downloads ▾

Help ▾

Wim ▾

22

Deepsky ▾

Click on Change and select
Instruments. Add at least 1
Instrument.

Date 10/4/2015

« Prev

Next »

End tour

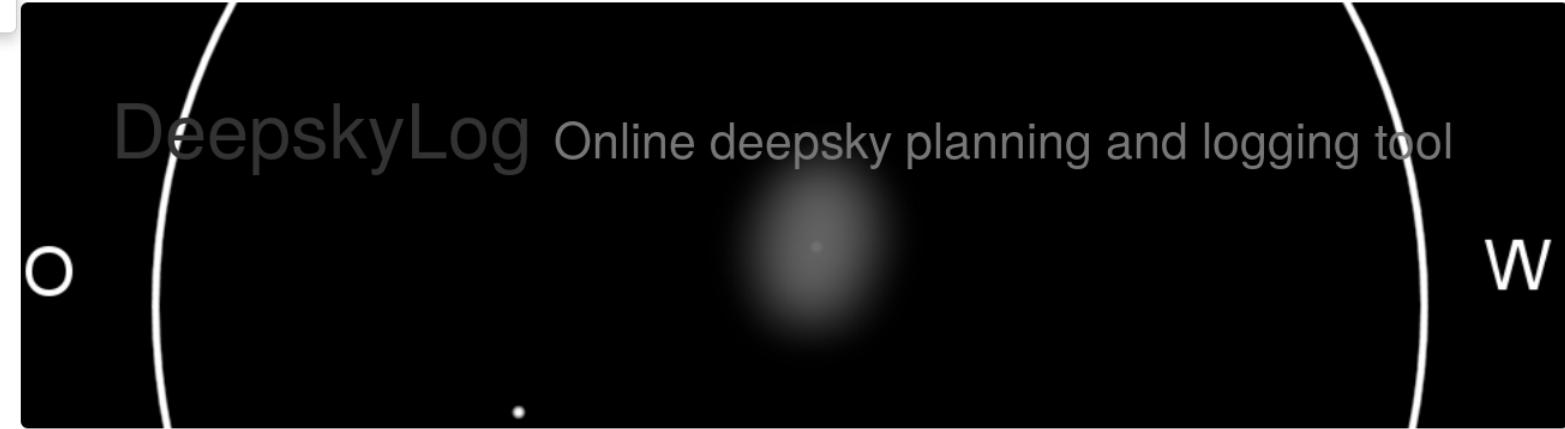
M 45

Search Object

Search Observations

New Observation

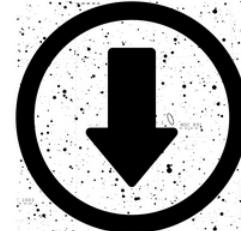
+ Moon



Query observations



Query objects



Download atlases



New observation

List - Manage

Date

Click on your name and select Settings. Add a picture of yourself.

« Prev

Next »

End tour

- Search

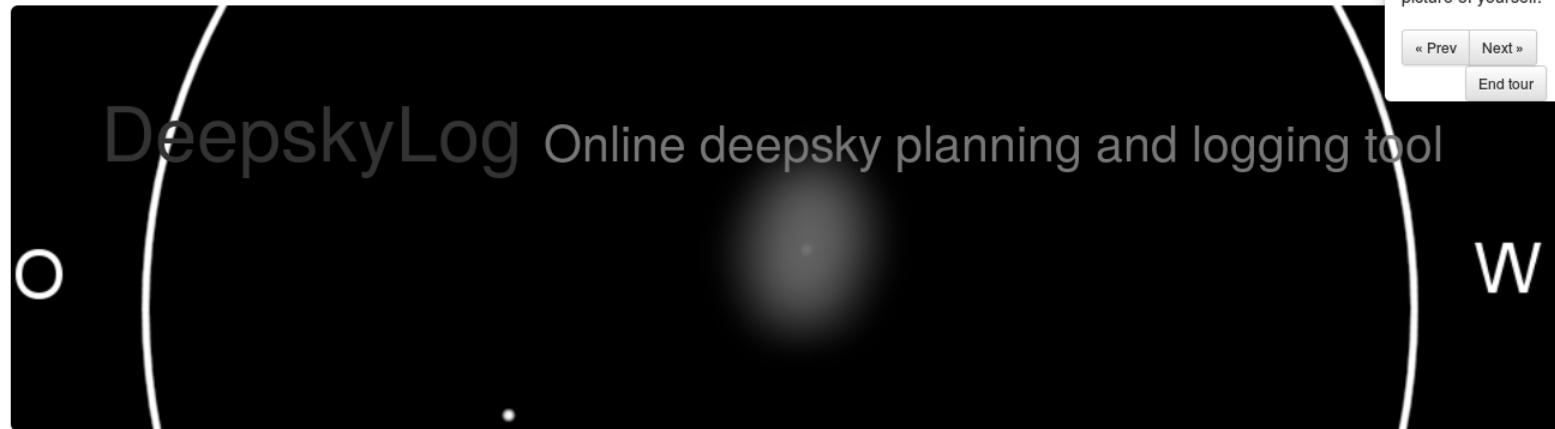
M 45

Search Object

Search Observations

New Observation

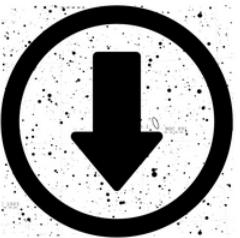
+ Moon



Query observations



Query objects



Download atlases



New observation

List - Manage

Read your messages

Other observers can send you messages in DeepskyLog. Here, you can read the messages.

22

10/4/2015

- Search

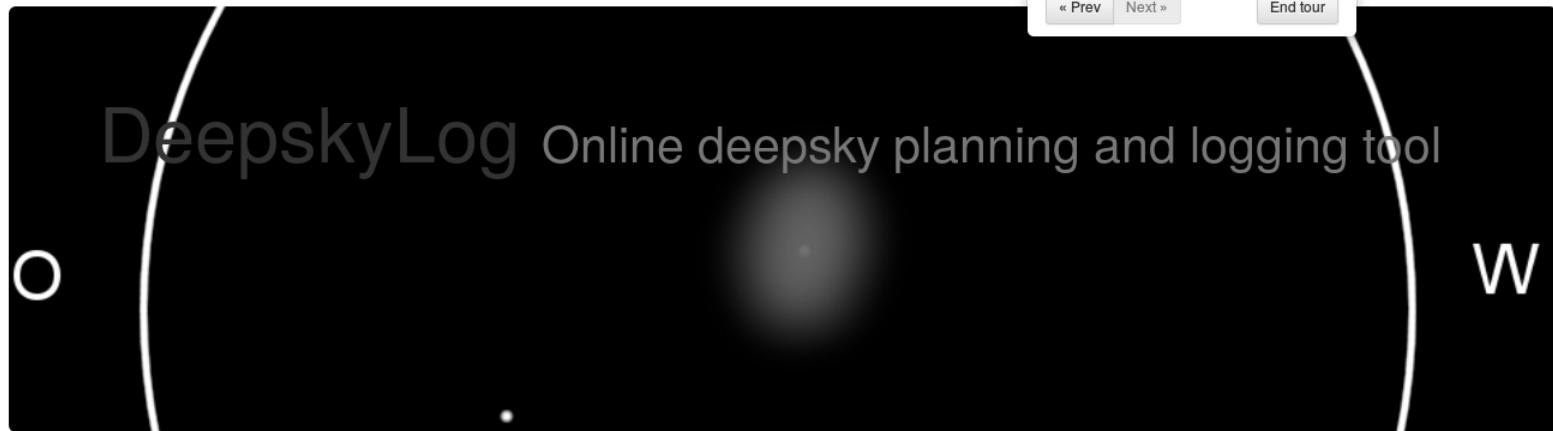
M 45

Search Object

Search Observations

New Observation

+ Moon



« Prev

Next »

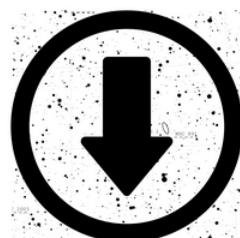
End tour



Query observations



Query objects



Download atlases



New observation

External libraries

jQuery	1.11.2
jQuery-ui	1.11.4
Bootstrap	3.3.2
bootstrap-tour	0.10.1
tablesorter	2.18.4
lightbox	2.7.1
Highcharts	4.0.4

DeepskyLog Stars

- Gamification
- Automatic message
- Deepsky and comets
- Descriptions and drawings

Hünstetten-Limbach, nördlich auf der Anhöhe ▾

Obsession 18" ▾

List - Manage

Date 1/4/2015

- Search

Wim De Meester

M 45

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New Observation

- Moon / Sun
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Night	from	to
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Actual moon:

New moon: 18 Apr

Messier objects



Bronze



Silver



Gold

Drawings of Messier objects



Caldwell objects



Bronze



Silver



Gold

Drawings of Caldwell objects



Herschel 400 objects



Drawings of Herschel 400 objects



Herschel II objects



Drawings of Herschel II objects



Total number of drawings



Open clusters



Use real emailaddress

Send message to real email address

Hünstetten-Limbach, nördlich auf der Anhöhe ▾

Obsession 18" ▾

List - Manage

Date 1/4/2015

- Search

Settings

M 45

[Search Object](#)[Search Observations](#)[New Observation](#)- Moon / Sun
on 01><02/04/2015

Night	from	to
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Actual moon:

New moon: 18 Apr

Username	wim		This is the name you will use to log in
Email address	wim.demeester@ster.kuleuven.be		Your email address will remain confidential
First name	Wim		
Name	De Meester		
Password			This is not your email account's password
Confirm password			
Send emails	<input checked="" type="checkbox"/>		Send messages as email.
Use local time	<input checked="" type="checkbox"/>		Use local time to enter and query observations
ICQ observercode	WDM		ICQ code for comet observations
Default observing site	Hünstetten-Limbach, nördlich auf der Anhöhe		Add new observing site
Default instrument	Obsession 18"		Add instrument
Default atlas	Interstellarum Deep Sky Atlas		
fstOffset	0		Offset between measured SQM value and the faintest visible star.
Picture	Choose File	No file chosen	

Database access

- Old mysql methods:
 - deprecated since php 5.5.
 - no longer developed since 2006
- Migration to PDO_mysql

Picture of observers

- In detail of observation.
- In messages.

DeepskyLog				View	Search	Change	Downloads	Help	Wim	Deepsky	
Sun	17:59	03:02	Magnitude	7.0					Surface brightness	10.9	
Naut.	19:11	03:50	Size	6.7x6.7'					Position angle	-	
Astro.	19:53	03:07	Contrast reserve	1.81					Optimum detection magnification	66x - Televue 31mm Nagler	
Actual moon:			Alternative name	NGC 6853/Diablo Nebula/Double-Headed Shot/Dumbbell Nebula							
New moon:	18 Apr		Description (NGC/IC, Dreyer codes)	Clark !!*; !!vB,vL,bi-N,IE,Dumbbell Neb; PK60-3.1;Lord Rosse drew 18° invl							
			In my lists	NSOG Vulpecula/Gaschurn/Tekeningen met de verrekijker							
			In public lists	The Urban Club Deepsky Objects/ARVAL Bright Planetary/Taki Star Atlas/DeepMap 600/Fred's 200 planetaire nevels/O'Meara's Ghost Hunt/AAAAA Urban Club - Deep Sky Objects List/De Messier Lijst/Astronomical League Messier Binocular Program - Appendix B/Astronomical League Messier Binocular Program - Appendix A/Astroforums BAMBI (Bright And Moderate Beginners Index)/IFAS Binocular Certificate Handbook/Flammarion - Het Rijk der Sterren/Roger N. Clark - Catalog of Deep Sky Objects/Webb - Celestial Objects for Common Telescopes							
Date	01/04/2015	Rise	22:41	Transit	6:49	Set	14:54	Best	3:07	Max altitude	38°57'

[AO](#)[MO](#)[LO](#)

(*) All Observations(AO), My observations(MO), my Last observations(LO) of this object of this object

Observer

David Erzeel



Instrument

Obsession 18"



Date

25/06/2008

Location

Wetteren

Limiting magnitude/SQM

-/-

Seeing

-

Eyepiece

12mm Televue Nagler

Filter

Baader OIII

Lens

-

Visibility

Very simple, prominent object

Estimated diameter

-

Cluster type

-

M27 is clearly visible, and the use of different filters is tested. The object is visible without filters, the UHC and the OIII give both a good effect and bring out details that are not visible without the filters. The southern part is brightest in the different cases.

[✉ David Erzeel about this observation](#)

Hünstetten-Limbach, nördlich auf der Anhöhe ▾

Obsession 18" ▾

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Actual moon:

New moon: 18 Apr

Re : Tof om je op DeepskyLog te zien!

by Lieven De Vlaminck - 01/08/2011 11:53:53



Hallo Wim,

Mijn excuses voor deze late reactie, ik zie nu pas je bericht.

Het waarnemen is voor een hele tijd onder een hele dikke laag stof verdwenen, maar mede dankzij de hulp van de mensen op de VSRUG, heeft mijn telescoop een nieuw leven gekregen. Ik heb 'm omgebouwd naar een truss tube, en gisteren heb ik 'm voor het eerst "in het veld" kunnen testen :) (in Sint Margeriete in Zeeland)... alles werkt prima, en het was zalig om weer wat deepsky te kunnen doen!

Vanavond ziet het er weer helder uit.... :)

Groeten!

Lieven.

> Hey Lieven,

>

> Tof om je op DeepskyLog te zien verschijnen! Ben je nog opnieuw actief begonnen waarnemen of is het wat stiller op deepsky-vlak de laatste tijd?

> Kurt Christiaens en ikzelf kijken er naar uit om je (oude en/of nieuwe) waarnemingen in DeepskyLog te zien verschijnen. Als je vragen hebt over DeepskyLog, aarzel dan niet om me te contacteren via deepskywim@gmail.com (of Kurt via deepskykurt@gmail.com). Tegen eind augustus zijn we van plan om de nieuwe website van de werkgroep Deepsky te lanceren, een voorproefje kan je al vinden op <http://www.distant-targets.be>, je kan daar al een heleboel Distant Targets tijdschriftjes op terug vinden (waar is de tijd?).

>

> Groetjes,

>

> Wim

[Reply](#)[Delete](#)

New Logo

- Almost ready

New entry page

- Needs new logo

Add locations

- Still todo:
 - Adapt location
 - Show locations on map, together with all other locations.
 - Write script to adapt the old locations
 - Import/export using OAL should use the elevation.

Grandpré

Obsession 18"

List - Manage

Date 10/4/2015

- Search

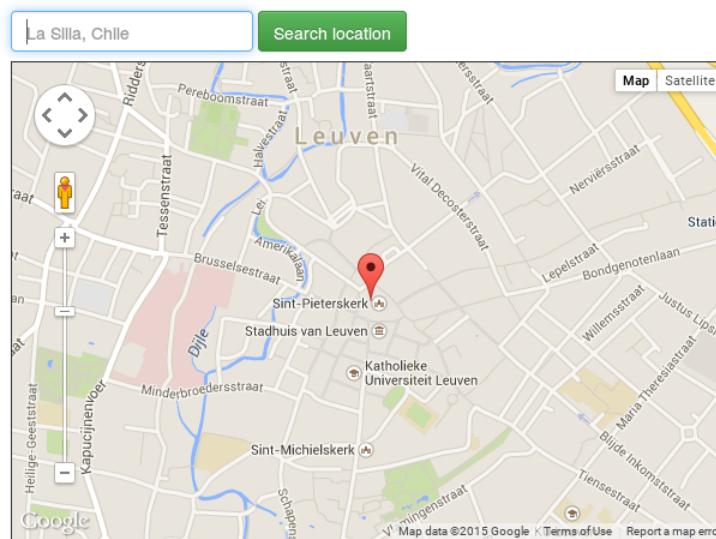
M 45

Search Object

Search Observations

New Observation

+ Moon / Sun



Location name

Add site

Typical limiting magnitude



(Typical limiting magnitude of this location)

Typical sky brightness



(Number returned from Sky Quality Meter)

Grandpré

Obsession 18"

List - Manage

Date 10/4/2015

- Search

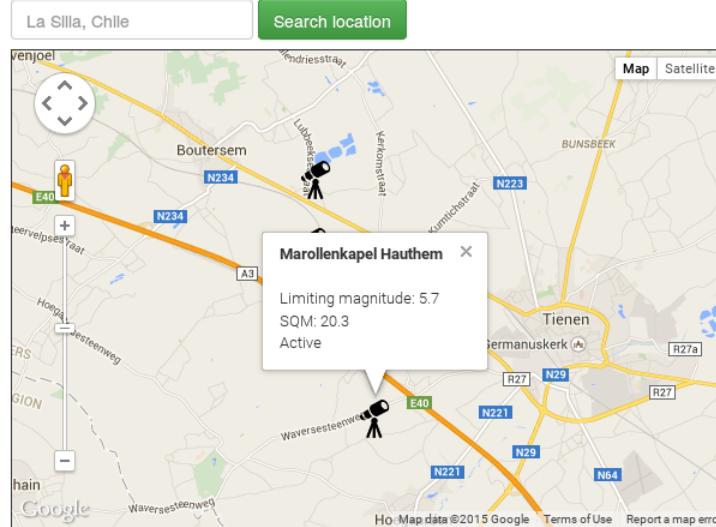
M 45

Search Object

Search Observations

New Observation

+ Moon / Sun



Location name

Add site

Typical limiting magnitude



(Typical limiting magnitude of this location)

Typical sky brightness



(Number returned from Sky Quality Meter)

Grandpré ▾

Obsession 18" ▾

List - Manage

Date 10/4/2015

- Search

Observing sites of Wim De Meester

M 45

Search Object

Search Observations

New Observation

- Moon / Sun
on 10><11/04/2015

Night	from	to
Moon	2:23	10:51
Sun	20:25	06:58
Naut.	21:38	05:44
Astro.	22:22	05:01



Actual moon:

New moon: 18 Apr

Select columns

Add site

Actif	Location	Weather prediction	Country	Elevation	NELM	SQM	Std location	Number of observations
<input type="checkbox"/>	La Silla observatory	10 14 18 22 02 06 10 14 18 22 02 06 10 14 18 22 02 06	Chile	2134m			<input type="radio"/>	100 observations
<input checked="" type="checkbox"/>	Observatorio Roque de los Muchachos	14 18 22 02 06 10 14 18 22 02 06 10 14 18 22 02 06 10	Spain	2096m	6.6	21.79	<input type="radio"/>	19 observations
<input type="checkbox"/>	Bielerhöhe	15 19 13 03 07 11 15 19 13 03 07 11 15 19 13 03 07 11	Austria	1965m			<input type="radio"/>	delete
<input type="checkbox"/>	Montagne de Lure	15 19 13 03 07 11 15 19 13 03 07 11 15 19 13 03 07 11	France	1627m			<input type="radio"/>	74 observations
<input checked="" type="checkbox"/>	L'enchartre	15 19 13 03 07 11 15 19 13 03 07 11 15 19 13 03 07 11	France	1280m	6.4	21.55	<input type="radio"/>	delete
<input type="checkbox"/>	Venterol	15 19 13 03 07 11 15 19 13 03 07 11 15 19 13 03 07 11	France	1101m			<input type="radio"/>	77 observations
<input type="checkbox"/>	Les Sias	15 19 13 03 07 11 15 19 13 03 07 11 15 19 13 03 07 11	France	946m			<input type="radio"/>	50 observations
<input type="checkbox"/>	Le Castellard	15 19 13 03 07 11 15 19 13 03 07 11 15 19 13 03 07 11	France	904m	6.3	21.3	<input type="radio"/>	1253 observations
<input type="checkbox"/>	Banon	15 19 13 03 07 11 15 19 13 03 07 11 15 19 13 03 07 11	France	747m			<input type="radio"/>	60 observations
<input checked="" type="checkbox"/>	Rocherath	15 19 13 03 07 11 15 19 13 03 07 11 15 19 13 03 07 11	Belgium	622m	6.3	21.3	<input type="radio"/>	10 observations

Status deepskylog.se

- Person who would help with translation does not respond.
- Contact person in Sweden will try to find someone else from the SAAF.
- Most persons in Sweden speak English very well.