NEW VIRTUAL MOON ATLAS 7.0

EUROPLANET SCIENCE CONGRESS EPSC2020

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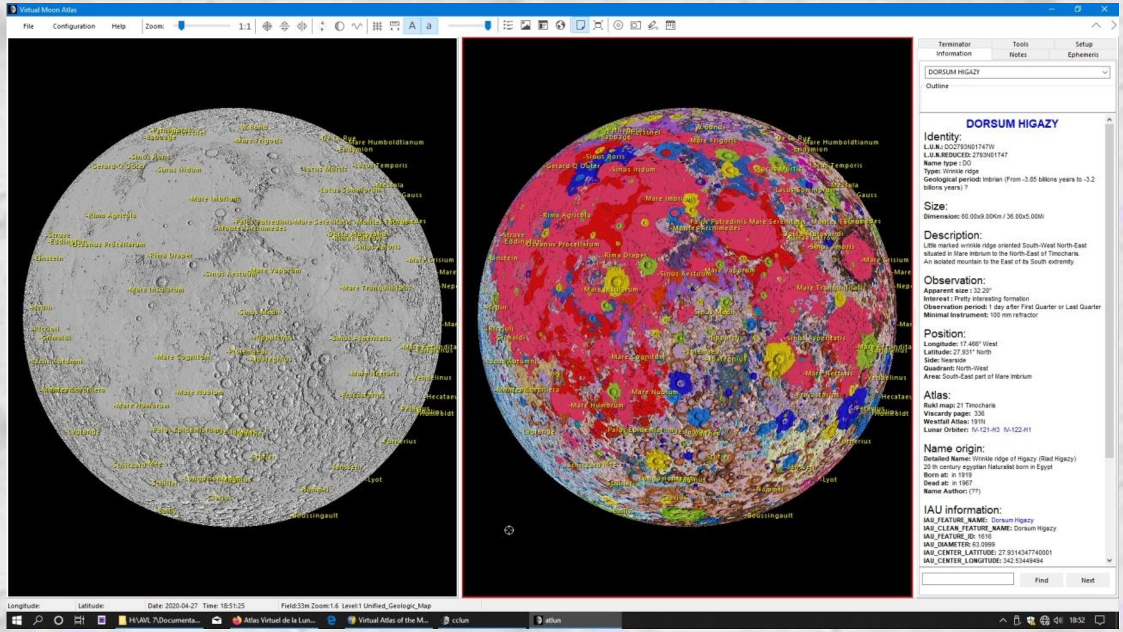
[Concept]()

[Possible uses]()

[Components]()

[Thanks]()



Free Moon study software

Downloadable for amateur and professional lunar surveys
For Windows © 7 / 8 / 10 . Can be used on Linux and Mac OS © with Wine emulator
Downloaded more than 1 800 000 times worldwide since 2002.
Used by IAP / CNRS / ESA / BBC / Observatories / Planetariums / Magazines…

VIRTUAL MOON ATLAS CONCEPT

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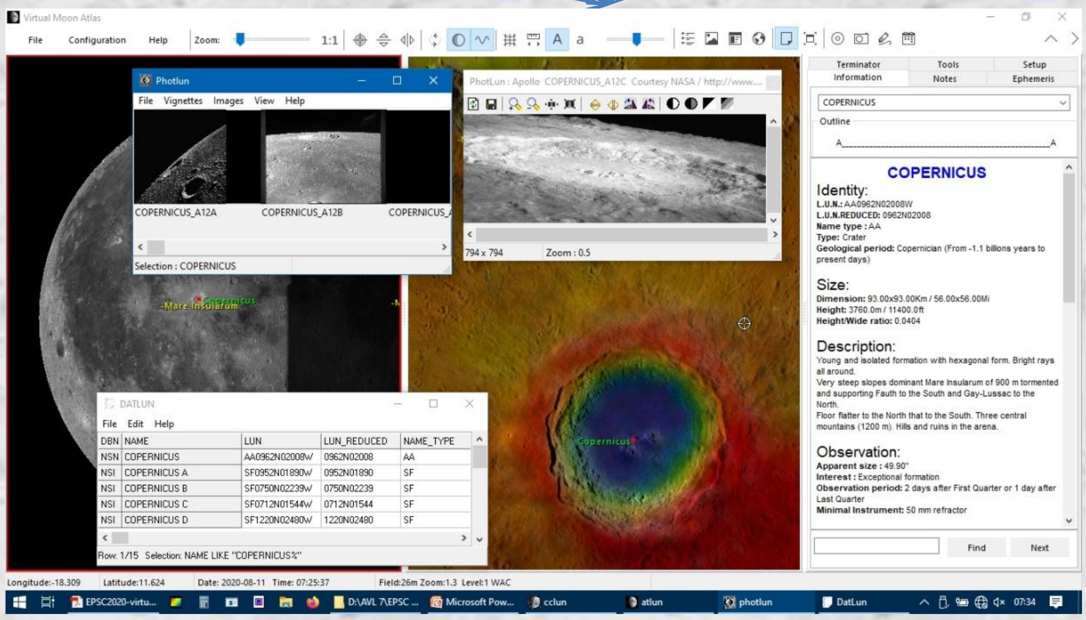
MAPS DATAS PICTURES NOTES LINKS



Lunar datas aggregation tool

Linking topographic, geologic, elemental & historical maps with detailed databases, notes and documents pictures librairies and Web links

[EPSC 2020 Abstract]

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VMA 7 POSSIBLE USES

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POSSIBLE USES :

Real time Moon viewing
Formations surveys
Basic scientific surveys
Historical mapping surveys
Selenological surveys
Ephemerisis surveys
Curses support
Public lectures support
Books and articles help writing
Public observing preparation
Imaging session preparation
Etc...

ADAPTATIVE DISPLAY :

Command center
Real time visualization
Phases & librations vizualization
Dynamic terminator shadows
Right click context menu
Dual windows for comparizons
Windows dark themes
Dual monitor display
Mobile tabs on screen
Full screen display
Full rotating globe
Distance measure tool

LANGUAGES : English / French / German / Spanish / Italian / Dutch / Greek / Czech / Hungar / Russian / Chinese / Romanian / Brazilian / Polish / Croatian

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VMA 7 COMPONENTS

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Dedicated modules : AtLun / DatLun / PhotLun / WebLun

Maps : Aerograph / Clementine / LRO / Chang'e 2 / Lunar Orbiters / LRO / Kaguya Shaded / USGS Geological / LAC / Up to 60 m / pix / ULCN mapped

Databases (1 300 000 formations *identified by Lunar Universal Number / LUN*) : IAU / LU 78747 / GLD / Pyroclastic / Domes / Historical sites / NELIOTA

Historical maps : Langrenus / Rheita / Hevelius / Divini / Riccioli / Cassini Tobias Mayer / Beer & Mädler / Fauth

Scientific overlays from probes : Clementine / Kaguya / LRO / Lunar prospector Chandrayann 1 / GRAIL / Chang'é (Colors / Altitude / Geology /Temperature Neutrons / Gravity / Elements)

Pictures libraries extracted from (including 8 000 pictures with setup options) : Apollo / LAC maps / LOPAM / Consolidated Lunar Atlas extracts / Ranger / Lunar Orbiters / Luna / Smart-1 / Clementine / Best of amateur pictures (500 m/pix)

Documentation links : Online manual and 200 pages PDF manual with tutorial

Download : http://www.ap-i.net/avl/en/start

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ACKNOWLEDGEMENTS

THANK YOU ALL FOR YOUR SUPPORT

The creation of the Virtual Moon Atlas by its authors since 2002 would not have been possible without the kind support of world wide specialists, amateur astronomers, official organisms and the huge work of all the organizations involved in the Moon exploration. Many thanks from the authors to :

David Seals / Mark Robinson / Jeff Gillis / Jonathan MacDowell / Charles Wood
Alan Binder / Bernard Foing / Jennifer Blue / Charles Byrne / Maria Zuber
Shengxia Gong / David O'Brien
Mary-Ann Hager / Linda Chappel / Renee Dotson
Nadine Barlow / Goran Salammunicar / Stuart Robbins / Lisa Gaddis
Alexios Niakos / Richard Moissl / Detlef Koschny
Roland Lehoucq / Sylvain Boulay / Fatoumata Kebe / Sébastien Renaux-Petel
Christophe Pellier / Marc Delcroix / Emmanuel Beaudouin / Alain Cirou / David Fossé
Gary Seronik / David Eicher / Phil Harrington / Emily Lakdawalla / John Moore
Wes Higgins / Paolo Lazzarotti / Mike Wirths / Craig Zerbe / Zac Pujic
Damian Peach / Luc Cathalla / Jean-Luc Dauvergne et al. / Rafaello Lena
NASA / USGS / LPI / PSI / ESA / JAXA / CNSA / ISRO
Ciel & Espace / Astrosurf Magazine
All the VMA translators
Etc…

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