

SIHTBARKEITSBEDINGUNGEN DER TOTALEN MONDFINSTERNIS AM 04.05.2004 IN MITTELEUROPA

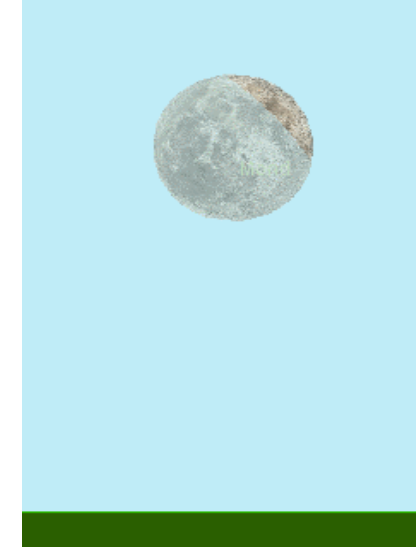
Hinweis: Alle Berechnungen und Grafiken wurden mit dem Programm RedShift 4 erstellt.



	MA	SU	SB	K2	K3	M	K4	K5	SE
			ca. 20:25 20:48 21:52 22:30 23:08 0:12 ca. 00:40						
Wien (48°13'N/16°22'E)	20:00	20:12	3°	6°	13°	17°	20°	23°	24°
Klagenfurt (46°38'N/14°20'E)	20:05	20:16	2°	5°	13°	18°	21°	24°	25°
Linz (48°19'N/14°18'E)	20:09	20:21	1°	4°	12°	16°	19°	23°	23°
Bozen (46°31'N/11°19'E)	20:17	20:28	(0°)	4°	12°	16°	20°	24°	25°
München (48°08'N/11°35'E)	20:20	20:31	(0°)	3°	11°	15°	19°	23°	23°
Dresden (51°03'N/13°45'E)	20:20	20:32	(0°)	3°	10°	14°	17°	20°	21°
Hof (50°19'N/11°55'E)	20:26	20:36	---	2°	10°	14°	17°	20°	21°
Stuttgart (48°47'N/09°12'E)	20:32	20:43	---	1°	9°	14°	17°	21°	23°
Basel (47°35'N/07°35'E)	20:36	20:46	---	1°	9°	14°	18°	22°	23°
Genève (46°12'N/06°10'E)	20:38	20:47	---	1°	9°	14°	18°	23°	25°
Berlin (52°32'N/13°25'E)	20:27	20:38	---	2°	9°	12°	15°	19°	19°
50°00'N/10°00'E	20:33	20:43	---	1°	9°	13°	16°	20°	21°
Azimuth (Himmelsrichtung;135°=SE;180°=S)			114°	118°	131°	139°	147°	163°	169°
Rügen (54°30'N/13°30'E)	20:34	20:45	---	1°	8°	11°	14°	17°	17°
Kassel (50°19'N/09°30'E)	20:36	20:46	---	1°	9°	13°	16°	20°	21°
Hannover (52°19'N/09°45'E)	20:42	20:52	---	(0°)	7°	11°	14°	18°	19°
Saarbrücken (49°14'N/07°00'E)	20:43	20:53	---	(0°)	8°	12°	16°	21°	22°
Düsseldorf (51°13'N/06°47'E)	20:51	21:00	---	---	7°	11°	14°	19°	20°
Hamburg (53°33'N/10°00'E)	20:45	20:55	---	(0°)	7°	10°	13°	17°	18°
Emden (53°20'N/07°15'E)	20:56	21:06	---	---	6°	9°	13°	17°	18°
Flensburg (54°45'N/09°30'E)	20:52	21:02	---	---	6°	9°	12°	16°	17°
List auf Sylt (55°01'N/08°27'E)	20:58	21:07	---	---	5°	9°	12°	15°	16°

Anblick bei Sonnenuntergang

Ortszeit: 04/05/2004 n.Chr. 20:43
Standort: Län = 010° 00' O Br = 50° 00' N
Höhe = 100.000 m
Blickrichtung: Azm = 117° 33' 48" H = +00° 28' 19"

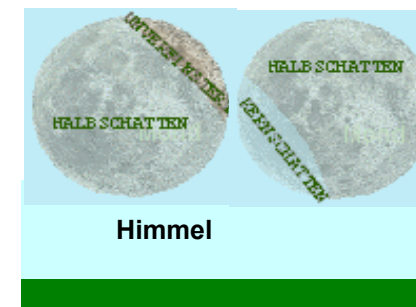


50°00'N/10°00'E/100m NN.
(Standardbeobachtungsort)

ERLÄUTERUNGEN:

- MA = Mondaufgang
- SA = Sonnenuntergang
- SB = Sichtbarkeitsbeginn
- SE = Sichtbarkeitsende
- K2 = 2. Kontakt
- K3 = 3. Kontakt
- K4 = 4. Kontakt
- K5 = 5. Kontakt
- M = Finsternismitte


Sonne über dem Horizont (Tag)	
Sonne < 6° unter Horizont	(bürgerliche Dämmerung)
Sonne 6 - 12° unter Horizont	(nautische Dämmerung)
Sonne 12 - 18° unter Horizont	(astronomische Dämmerung)
Sonne > 18° unter Horizont	(Nacht)
---	= nicht sichtbar (vor Mondaufgang)
(X°)	= eventuell sichtbar (vor Sonnenuntergang)
X°	= sichtbar (nach Sonnenuntergang)
X°	= Höhe des Mondes über dem Horizont in Bogengrad



Himmel

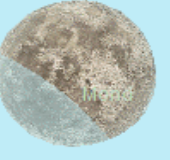
Astronomische-Reisen.de: Mondfinsternis am 04.05.2004

Ortszeit: 04/05/2004 n.Chr. 20:12
Standort: Län = 018° 22' O Br = 48° 13' N
Höhe = 170.000 m
Blickrichtung: Azm = 118° 36' 53" H = +00° 44' 20"

A circular simulation of the Moon during a total eclipse, showing the dark umbra and lighter penumbra against a light blue sky. The Moon is tilted slightly to the right.


WIEN

Ortszeit: 04/05/2004 n.Chr. 20:14
Standort: Län = 014° 20' O Br = 48° 38' N
Höhe = 448.000 m
Blickrichtung: Azm = 115° 27' 39" H = +00° 31' 38"

A circular simulation of the Moon during a total eclipse, showing the dark umbra and lighter penumbra against a light blue sky. The Moon is tilted slightly to the right.


KLAGENFURT

Ortszeit: 04/05/2004 n.Chr. 20:20
Standort: Län = 014° 18' O Br = 48° 19' N
Höhe = 254.000 m
Blickrichtung: Azm = 118° 38' 04" H = +00° 40' 34"

A circular simulation of the Moon during a total eclipse, showing the dark umbra and lighter penumbra against a light blue sky. The Moon is tilted slightly to the right.


LINZ

Ortszeit: 04/05/2004 n.Chr. 20:27
Standort: Län = 011° 19' O Br = 48° 31' N
Höhe = 250.000 m
Blickrichtung: Azm = 115° 40' 03" H = +00° 40' 58"

A circular simulation of the Moon during a total eclipse, showing the dark umbra and lighter penumbra against a light blue sky. The Moon is tilted slightly to the right.


BOZEN

Ortszeit: 04/05/2004 n.Chr. 20:30
Standort: Län = 011° 35' O Br = 48° 08' N
Höhe = 520.000 m
Blickrichtung: Azm = 118° 18' 07" H = +00° 27' 02"

A circular simulation of the Moon during a total eclipse, showing the dark umbra and lighter penumbra against a light blue sky. The Moon is tilted slightly to the right.


MÜNCHEN

Ortszeit: 04/05/2004 n.Chr. 19:32
Standort: Län = 013° 45' O Br = 51° 02' N
Höhe = 108.000 m
Blickrichtung: Azm = 118° 27' 02" H = +00° 39' 11"

A circular simulation of the Moon during a total eclipse, showing the dark umbra and lighter penumbra against a light blue sky. The Moon is tilted slightly to the right.

DRESDEN

Ortszeit: 04/05/2004 n.Chr. 20:38
Standort: Län = 011° 55' O Br = 50° 19' N
Höhe = 495.000 m
Blickrichtung: Azm = 117° 43' 14" H = +00° 28' 12"

A circular simulation of the Moon during a total eclipse, showing the dark umbra and lighter penumbra against a light blue sky. The Moon is tilted slightly to the right.

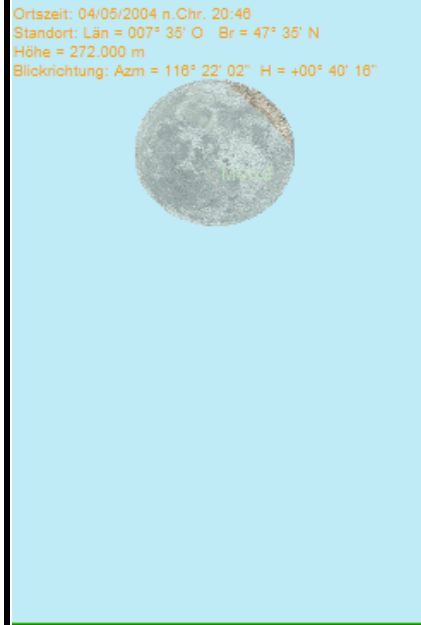
HOF

Ortszeit: 04/05/2004 n.Chr. 20:43
Standort: Län = 009° 12' O Br = 48° 48' N
Höhe = 245.000 m
Blickrichtung: Azm = 118° 58' 53" H = +00° 35' 11"

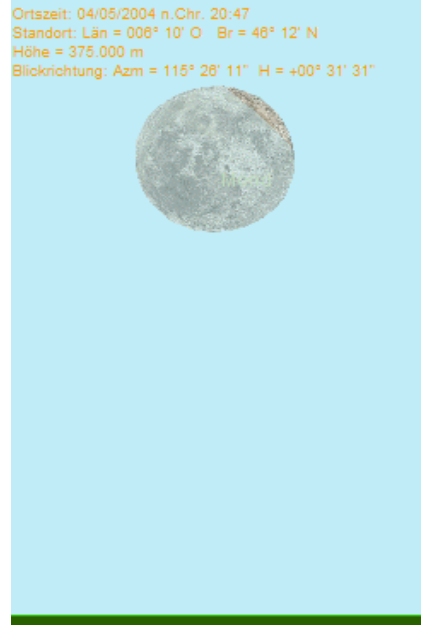
A circular simulation of the Moon during a total eclipse, showing the dark umbra and lighter penumbra against a light blue sky. The Moon is tilted slightly to the right.

STUTTGART

Astronomische-Reisen.de: Mondfinsternis am 04.05.2004



BASEL



GENÈVE



BERLIN



RÜGEN



KASSEL



HANNOVER

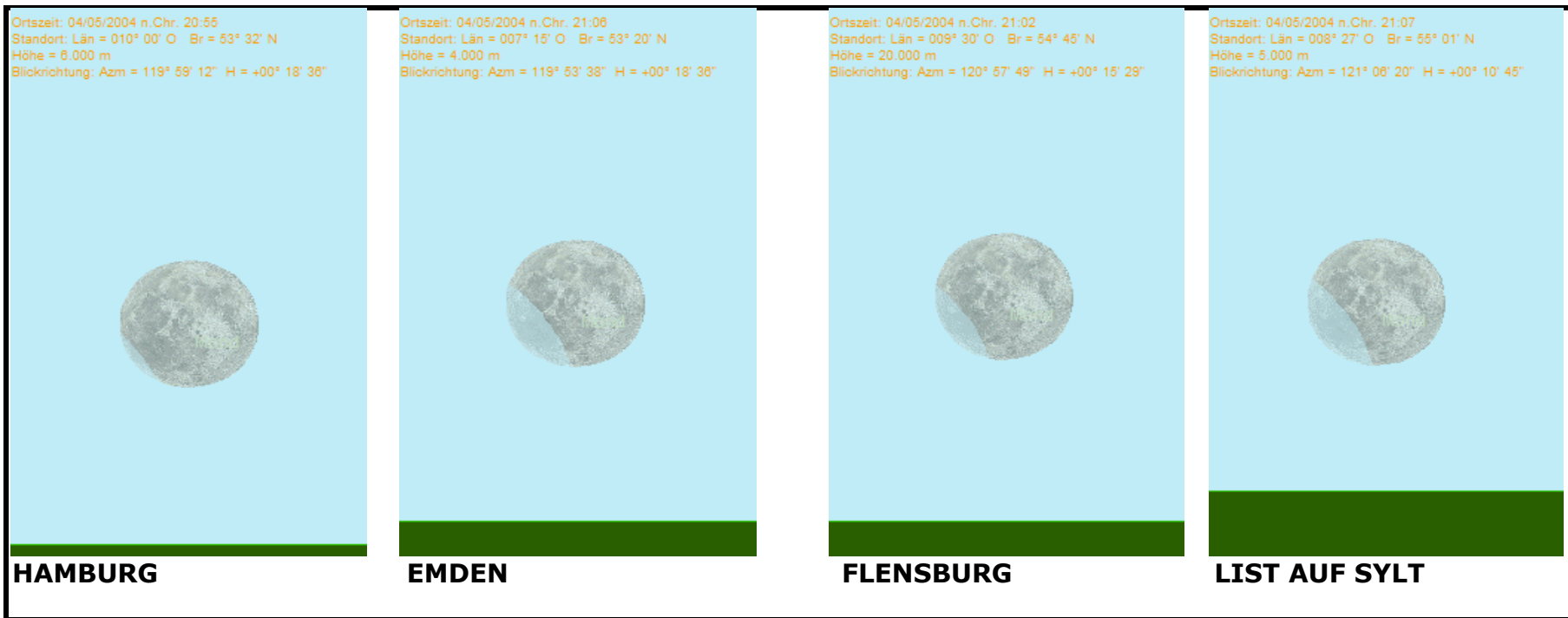


SAARBRÜCKEN



DÜSSELDORF

Astronomische-Reisen.de: Mondfinsternis am 04.05.2004



HINWEISE

WEITERE INFORMATIONEN zur Mondfinsternis am 04.05.2004 und zu anderen Mondfinsternissen bieten wir Ihnen im Internet:

<http://www.mondfinsternis.net/>

NUTZUNGSBESTIMMUNGEN:

Dieses Info-Blatt darf im Internet oder in anderen Medien verwendet und weiterverbreitet werden, sofern folgende Bedingungen eingehalten werden:

- Bei jeder Verwendung ist auf unsere Internetpräsenz <http://www.mondfinsternis.net/> hinzuweisen bzw. dorthin zu verlinken.
- Änderungen oder Ergänzungen des Info-Blattes bedürfen unserer ausdrücklichen Genehmigung.

KONTAKT:

webmaster@mondfinsternis.net

COPYRIGHT:

Astronomische-Reisen.de 2004, all rights reserved