

Title	Year	Director	Series	Production	Distribution	Country	Language	Length	Synopsis
A Solar Odyssey	2012	David Virian	n/a	A Day In the Life Productions	http://adaydocos.com.au	Australia	English	50 min	This video commemorates the TSE in Queensland on November 14, 2012. The producer is a local company that makes tourism videos about North Queensland – and although they set out with the best of intentions to make a grandiose documentary about the eclipse in their homeland, it ultimately falls short because of a fatal lack of structure. To its credit there is some great original photography – a cool soundtrack – and some sexy graphics – but it is all mashed together with long sequences of NASA/ISS public domain footage - long sequences of unedited interviews – and long sequences of aerial footage set to music. A proper documentary requires narrative structure and there is none here. As for the eclipse itself – the opportunity is missed. There is some high quality photography to be sure, but it is scattered randomly throughout the video – never tied together or allowed to build into a climax – something a documentary film must do. Without the hands of a skillful storyteller, A Solar Odyssey never rises above the strict sensibility of a tourism video. (David Makepeace)
Front Row Universe	2012	David Makepeace	n/a	Eclipse Guy	http://vimeo.com/42812310	Canada	English	10 min	David Makepeace travels to Arizona with fellow eclipse chasers Chris and Liz Malicki for the 20 May 2012 annular eclipse. Both entertaining and instructive, this film does a brilliant job of explaining and showing edge phenomena. Makepeace is a master storyteller and in just a few short minutes he weaves an inspiring yarn about partnering with the universe. (JML)
Easter Island Eclipse	2010	Mark Liston Bender	Naked Science	National Geographic Society	Available at commercial outlets	USA	English	60 min	This program looks at the remarkable occurrence of the total solar eclipse over Easter Island on July 11, 2010. The looks at the science of the Sun as it is revealed via the eclipse phenomenon and then takes us "near live" to the actual event as the film will be aired domestically only a few hours after it takes place there. (Mark Bender)
	2010		Thalassa	France 3	France 3	France	French	120 min	One of the topics covered in the long running tv magazine : a film crew was on Hikueru atoll in the Pacific to document the TSE of July 11, 2010.
Total Eclipse	2010	Darryl Rehr	The Universe	Flight 33 Productions	History Channel	USA	English	45 min	Series 5, Episode 7. "Once they were dreaded and thought to be dragons eating the Sun - but modern science has dspelled mythology and we now look forward to total solar eclipses as one of the most spectacular phenomena in the heavens. Explore the complex movements of Earth, Moon and Sun that produce these unusual events and hear details why we may be the only intelligent beings in the known universe to witness eclipses like we see on Earth. Man-made eclipses also figure into the scienc in the form of instruments called coronagraphs. They blot out the Sun and reveal its corona, uncovering secrets which, while enlightening, also warn of a disaster that could make our advanced technology crash and burn. Finally, travel into deep space, where the tiny eclipses caused by planets circling distant stars is now beginning to reveal hundreds more stars where exoplanets exist... perhaps even those in habitable zones like the Earth." (Promotional material) I almost quit watching when I heard the sentence, "Eclipses warn us of powerful solar storms, that may fulfill an ancient prophesy of chaos on Earth in 2012." But then they revealed the astonishing information that Glenn Schneider is "part of a subculture of globe-hopping eclipse chasers, who will go anywhere, anytime, to

Empire of the Sun	2010	Gideon Bradshaw, Paul Olding	Wonders of the Solar System	BBC, Science Channel	BBC	UK	English	60 min	Series 1, Episode 1. Series presenter Brian Cox travels to Vanarasi, India, for the TSE of July 22, 2009.
Cosmic Fire	2010	Tim Wolochotiuk	Storm Worlds	Yap Films	BBC Worldwide, History Television, National Geographic	Canada	English	60 min	"In 1859, a huge solar storm hit Earth with tremendous force, wiping out what were then modern communications across the world. Experts believe that if a storm on the same scale were to happen again, it could destroy us. As scientists prepare for another solar storm of apocalyptic proportions, see how evidence extracted from Arctic ice cores contains a chilling record of the 1859 event." (Promotional material) About seven minutes of the show focus on the work of Dr. Jay Pasachoff and his team during their eclipse expedition to Tianhuangping, China, for the July 22, 1009 TSE. (JML)
Seven Wonders of the Solar System	2010		The Universe	Flight 33 Productions	History Channel	USA	English	45 min	Season 5, episode 1, first aired on 29 July 2010. The seven wonder of our solar system are discussed: Enceladus' geysers, Rings of Saturn, Jupiter's Great Red Spot, the Asteroid Belt, Mars' Olympus Mons, the Surface of the Sun, and planet Earth.
The Sun	2009			Authentic Entertainment	Discovery Channel	USA	English	60 min	Updated version of 1999 Earth Collection Discovery Serie ?
Einstein	2008	Philip Shane	Biography	History Channel	Available at commercial outlets	USA	English	94 min	Albert Einstein's revolutionary theory that turned the world upside down might have been dismissed but for a math mistake, a cloudy sky, and the start of World War I. This two-hour show tells the story of Einstein's little-known, 15-year struggle to prove one of his most radical theories -- a theory that upended Newton and three centuries of scientific thought and called into question the definitions of space and light and gravity -- the game-changing concept known as the Theory of General Relativity. Today, more than a century since the "Miracle Year" in which he published many of his breakthrough papers, Einstein's ideas remain a living, vibrant influence. They continue to push scientists farther, and deeper, into the universe than even he could have imagined. There was a showing late this afternoon (Sunday, Nov. 30) that I was alerted to with about 40 mins remaining. The portion I saw focused primarily on Campbell's (1918, 1922) and Eddington's expeditions. Quite interesting, particularly the competition for results in NW Australia in 1922. (Mike Halper, SEML)
Colors and Motions of the Sun	2007		n/a	Williams College	eclipse@williams.edu	USA	English	14 min	A 2007 video survey of the different layers of the sun, using images and movies from eclipses, ground-based telescopes, and space satellites, and describing the scientific significance of solar research. The role of astronomers' looking at different parts of the spectrum is described and the motions in the solar atmosphere are seen in high resolution and their significance is discussed. The video was made for and under the supervision of a solar astronomer. (J. Pasachoff)

Le Premier cri	2007	Gilles de Maistre	n/a	Mai Juin Productions	Available at commercial outlets	France	French	99 min	This documentary narrates the pregnancy of 10 women giving birth in different countries and cultures. For the story the births occur on the day of the eclipse because the film director wanted an astronomical event that was somewhat related to the beginning or birth. The solar eclipse is a the same time a link and a symbol: a temporal link between all those women, the moon being tied to the cycle of life. The path of the eclipse is used to let the viewer travel around the Earth to witness those births. (Xavier Jubier, SEML)
Path to Totality	2007	Karl Bennett	n/a	NASA Television Production		USA	English	24 min	American and other Western astronomers collaborate with their Lybian colleagues during the March 29th, 2006 TSE from a location in the Sahara desert. (JML)
2006 Total Solar Eclipse	2006		n/a	British Astronomical Association	Order online or by mail from BAA web site	UK	English		Two DVD souvenir set. Pictures and Videos from across Libya, Egypt and Turkey including a Post Eclipse Round-Up by Dr. John Mason from on board M/V Perla.
Eclipse Chasers : Ghana	2006	Mike Rubens	n/a	The Travel Channel	Available at commercial outlets	USA	English	30 min	Video journalist Mike Rubens has always dreamed of seeing a total eclipse and on March 29th, 2006 he > finally had his chance. In Ghana he joins die-hard eclipse chasers from around the globe to witness this rare phenomenon. (The Travel Channel)
Lybia : Out of the Shadow	2006	Marco Werman	Frontline/ World	PBS	Available at commercial outlets	USA	English		Journalist Marco Werman travels to Libya hoping to interview some locals about their country and way of life, but he finds the Libyans are rather reluctant to talk to him. He then goes to Jalu, the Saharan desert, to witness is very first total solar eclipse. (JML)
Solar Eclipse	2006	David Conover	Sunrise Earth	Compass Light, Discovery Channel	Available at commercial outlets	USA	English	52 min	Season 1, episode 52, original air date 25 June 2006 Experience the total solar eclipse of March 29, 2006, as it happens in two locations. Travel to Natel, Brazil, for the beginning of the eclipse and witness the mid-point in Antalya, Turkey.
The Secrets of Our Sun	2006	Douglas Cohen Louis Tarantino	The Universe	Flight 33 Productions	History Channel	USA	English	48 min	From Sun spots to solar eclipses, solar flares to solar storms, the birth of the sun to its potential death, discover the science and history behind this celestial object that makes life on Earth exist. Toward the end of the program, there was a 2.5 minute segment on solar eclipses during which time Dr. Pasachoff appeared again. The segment featured what appeared to be animations of the TSE paths of August 11, 1999 and March 29, 2006 as well as an animated satellite image of the February 26, 1998 TSE, and time lapse photography of the December 4, 2002 TSE from Ceduna, Australia. There was no mention or discussion of annular eclipses in this segment, although a partial eclipse was demonstrated. (Jordan Sutton)
The Outback Eclipse Story	2004	Luke Robinson	n/a	Lastlight Films	www.lastlightfilms.co.nz	New Zealand	English	120 min	To commemorate the total solar eclipse of 04 December 2002 in the Outback of Australia, a collective group known as Exotic Native staged a four-day festival near the town of Lyndhurst. The event brought together thousands of like-minded people from around the world who gathered in the spirit of freedom and artistic expression to pay homage the eclipse and to experience the unique environment of the Outback together. This film is their story. With extensive coverage of all phases of the festival, the film pulsates with the raw energy of psychedelic trance music and mezmerizes with visual effects. The narrative is provided mostly by on-camera testimonials from festival participants who express in their own words what it means to be a part of this colourful and unique eclipse experience. Almost as intoxicating as being there. (David Makepeace)

The Path of Totality	2004	Ashley Starkey	n/a	Ashley Starkey	astarkey@bigpond.com	Australia	English	56 min	The video is comprised of various interviews shot before and after the 2002 total solar eclipse passed across outback South Australia. It also incorporates footage and photographs of the eclipse itself and live webcast footage shot on the day of the eclipse by the CSIRO. Some facts about the path of totality and the shadow are provided, but the video is more about the people who attended the event and the experiences they went through. The interviewees range from astronomers to astrologers; from eclipse glasses advocates to government officials warning against their use; from indigenous Australians to overseas visitors; from eclipse chasers to the completely uninformed....
Moon Power	2003	Peter Crawford	Natural World	BBC		UK	English		Included in all the discussions and illustrations of the lunar influence on the natural world, was some gorgeous footage of the 31-May-2003 annular eclipse from the Isle of Lewis, Scotland. (Sheridan Williams)
Solar Eclipse Live	2003			Discovery Channel		USA	English		The show is about the 2003 Antarctica total solar eclipse as filmed both from the ground and from a jetliner. This is the first time I've seen video of a total solar eclipse in high definition, and it looked great, especially the wide angle views, which clearly showed the umbra moving across the sky from left to right. The astronomer host (I didn't catch his name) said that this is the first eclipse video he has seen where Venus was easily visible. Dr. Jay Pasachoff was featured for a couple of minutes. (Evan Zucker) This was in fact broadcast "live" by Discovery Canada in HD. (Bob Morris)
Winged Migration	2003								Beautiful documentary about bird migrations featuring images of a total solar and partial lunar eclipse. (Matt Ventimiglia)
Cosmic Africa	2002	Craig Foster Damon Foster	n/a	Aland Pictures, Big World Cinema, Cosmos Studio	Aland Pictures P.O. Box 145, Cape Town 8060, SOUTH AFRICA Tel: +27 21 423 6716 Fax: +27 21 423 7125 carina@gem.co.za	South Africa	English	60 min	In a journey that stretched from Namibia to the coastline and steamy jungles of Ghana, across crocodile infested lakes and deserts of Northern Kenya, the cliff-side dwellings of the Dogon in Mali and on to the mysterious archaeological sites of the Egyptian Sahara, Cosmic Africa explores Africa's ancient astronomy history. Features a partial solar eclipse. (JML)
Hubert Reeves, conteur d'étoiles Hubert Reeves, Star Teller	2002	Iolande Cadrin-Rossignol	n/a	Office national du film du Canada	Office national du film du Canada www.onf.ca National Film Board of Canada www.nfb.ca	Canada	French / English	52 min	Hubert Reeves is an astrophysicist whose honours from the scientific community include the Albert Einstein award. But Reeves is known to the public as a wonderful popularizer of scientific ideas, possessed of an exceptional talent at combining science and humanism. With his usual enthusiasm, he highlights milestones in astrophysics, showing us a view of the moon as seen by Galileo in 1609, and remarkable photos of galaxies colliding billions of light-years away. Along with stunning visuals, we listen as Reeves explains history and theory in a highly accessible way. A committed ecologist, Reeves warns about the deterioration of our planet. In the face of explosive economic globalization, Reeves believes that the globalization of ecological movements offers hope. Film footage from June 21, 2001 eclipse, from Zambia. (R. Lavoie)

Abenteuer Sonnenfinsternis - Odyssee durch Afrika (Solar Eclipse Adventure - African Odyssey)	2001		n/a		pascale.demy@intersaar.de	Germany	German French English	45 min	This film documents the one year solar eclipse expedition over land to Zambia and back taken by eclipse chasers Pascale Demy and Gernot Meiser.
Africa Total Eclipse	2001	David Makepeace	n/a	First Generation Reels	www.eclipseguy.com	Canada	English	28 min	Africa Total Eclipse is Eclipseguy's new souvenir video from the Canadian eclipse expedition to Zambia, Africa, in June 2001. It features all the sites and sounds of Zambia, Victoria Falls, the safari in Malawi, and almost 4 minutes of uninterrupted totality from a school yard in Malambanyama!
Éclipse au Zimbabwe (Eclipse in Zimbabwe)	2001	Jean Paul Godard, Martine Tlouzeau	n/a	MsEclipse Production	jean-paul.godard@noos.fr	France	French	35 min	For the total eclipse of June 21, 2001, the Association française d'astronomie (AFA) organized a trip to South Africa and Zimbabwe. This documentary film captures the ambiance of this expedition as the band of travelers slowly get to know one another. From the Kruger Park visit to the champagne celebration on the observation site, all the highlights of the trip are covered. Action sequences and interviews alternate with shots taken from the Internet by the numerous other groups who covered the even.
Imiti Ikula (Steps for the Future)	2001	Sampa Kangwa, Simon Wilkie	n/a	Mubasen Film & Video Productions	Day Zero Film & Video www.dayzero.co.za	Nambia	English	26 min	The film opens around a bonfire. The children are talking about Arnold Schwarzenegger. He is rich and strong and beats up those who mistreat children, and travels the world buying them blankets and food. The children seem to take on the strength and bravado of their hero. We follow Memory, one of 75,000 street kids in Lusaka, as she covets solar eclipse glasses to view the upcoming eclipse. The children wash dishes for money and pick grains from the market floor to make up bags. Memory sells her bags and runs to the optometrist to buy eclipse shades. Proudly, she and Nyanja share in the once in a lifetime event of the eclipse, standing tall amongst the community. As the Moon moves in front of the Sun, Memory jumps, shouts and claps for joy. One of the boys runs past and says Schwarzenegger is in Livingstone Town. The children race through the streets. Memory striding barefoot, to the train station. They squeeze under the fence and board the train as it leaves for Livingstone Town, seeking out their destiny.
Le Peuple migrateur (The Winged Migration)	2001	Jacques Perrin, Jacques Cluzaud and Michel Debats (co-directors)	n/a	Galatee Films, Pandora Filmproduktions, Lucky Red	Available at commercial outlets	France, Germany, Italy	French / English	90 min	The Winged Migration refer to those millions of birds that fill the sky of our planet according to seasonal rhythms, giving our familiar landscapes the colors of dream and poetry. What are they? Where do they go? The regularity of their movements, the precision of their migratory routes, the distance they travel have been a mystery to scholars, a source of inspiration to poets since the dawn of time for, these creatures, apparently so delicate, are exposed to every danger, fight against bad weather, face the hugeness of the oceans, mountainous barriers and escape countless predators, so many enigmatic feats that just enhance their legendary reputation. The film will carry you above a myriad of worlds in an unusual journey. You will discover a planet rustling with a multitude of sounds which nature conceals. You will follow the greatest celestial ballets ever seen! By happenstance, the crew was in France, on August 11, 1999, and so a short shot of the eclipse at 3rd contact is included. Shot in 35mm, prominences stand out in sharp details.

Saye in Ghare Siyah (Shadow in the Dark continent)	2001	Siavash Safarain	n/a	Channel One, Iranian TV	Babak A. Tafreshi , btafreshi@nojum.net	Iran	Persian	4 x 20 min	In June 2001, Babak A. Tafreshi, from Tehran, accompanied German eclipse chasers Gernot Meiser and Pascale Demy who were making their way to Zambia by truck. The film documents the beautiful sights that have drawn so many eclipse chasers to Zambia and follows Meiser and Demy's travels to their eclipse observing site in North Kafue National Park. We see wild animals, meet native people and take a side trip to the Victoria Falls. Meiser and Demy speak of their passion as eclipse chasers. (JML with thanks to Babak A.Tafreshi)
Un moment d'obscurité	2001	Jean Mouette	n/a	IAP CNRS Images/media	CNRS Diffusion Vidéotheque Phototheque	France	French	26 min	Angola was the first country to witness the first total solar eclipse of the 21st century. The scientists from the Astrophysical Institute of the CNRS chose to observe the eclipse there because of more favorable weather statistics, longer duration of totality and more optimal viewing angle. Eclipses represent a unique opportunity to obtain information about the Sun, since it allows them to observe the solar corona which is otherwise invisible from Earth. But the decision to come to Angola was a difficult one. Though it is the ideal location from a scientific point of view, the guerilla warfare that has raged there these past twenty five years has devastated the country and made more than half-million victims.
Eclipsa (The Eclipse)	2000	Mitko Serafimovici				Romania	Romanian		(IMDb)
Hooked on the Shadow	2000	David Makepeace	n/a	First Generation Reels	www.eclipseguy.com	Canada	English	28 min	Hooked On The Shadow is a startling new documentary that examines the profound experience of witnessing a total solar eclipse, and introduces us to the world of eclipse chasing - one of the most obsessive sub-cultures of our time. Meet the eclipse chasers - a fanatical group of converts whose lives have been forever changed by what they see in the sky. Discover why nature's most deeply-moving spectacle drives thousands to some of the most remote regions of the Earth. From the Caribbean Islands to the deserts of ancient Babylonia, Hooked On The Shadow takes us inside the shadow of the Moon to explore the natural phenomenon that has taken science to the edge of its understanding and fed our dreams of the divine.
Les Chasseurs d'Ombre Shadow Chasers	2000	Jean Marc Lariviere	n/a	Office national du film du Canada National Film Board of Canada	Office national du film du Canada www.onf.ca National Film Board of Canada www.nfb.ca	Canada	French / English	58 min	Solar eclipses, among nature's more spectacular phenomena, have always fascinated us. For some people they become a veritable obsession. What makes these eclipse chasers run? The film follows four of them as they travel to witness the last total eclipse of the millennium as it sweeps eastward across Europe to India. At various points along the way enthusiasts Alain Cirou in France, Paul Houde in Austria, Olivier Staiger in Germany and Debasis Sarkar in India offer their impressions of the historic event. From the legends of ancient religions and civilizations to the present day, there is one constant : the search for spirituality in its most basic form. The film is a kind of poetic meditation, an impressionistic illumination of what links humanity together in the face of the absolute, when the soul is stamped by more than just the shadow of the Moon.

Les Terriens (The Earthlings)	2000	Ariane Doublet	n/a	Quark Productions	Cara M www.fnac.com	France	French	84 min	On August 11th, 1999, the Normandy region of France was plunged into darkness during a total eclipse of the sun. A few families in Vattelot sur Mer, farmers according to their own description, await this extraordinary event. As they do, they speak of their work, of the rhythms of the seasons, the lunar cycle, the rainy afternoons and the beautiful sunsets, much as poets of the everyday would do. Rather indifferent about the upcoming eclipse to begin, they quickly come to realize their privileged situation : their village facing the English Channel is on the centerline. This will force them to deal with a veritable flood of curious onlookers. For a few hours, these strangers with their funny eclipse glasses will gaze skywards without paying the locals much attention.
Solarmax	2000	John Weiley	n/a	Heliograph Productions, Museum of Science and Industry	www.solarmovie.com	Australia	English	40 min	SOLARMAX is a 40-minute Imax format documentary that tells the story of humankind's struggle to understand the sun. Every 11 years the sun's magnetic fields reverse with unimaginable violence. The peak of the storm is called a solarmax. SOLARMAX takes audiences on an incredible voyage from pre-history to the leading edge of today's contemporary solar science. Footage from the February 26, 1998 total solar eclipse from Aruba along with great footage from SOHO, Yohkoh and TRACE solar observation satellites.
The Sun	2000		Space Detectives		BBC	UK	English	15 min	Season 1, episode 6, first aired on 30 October 2000.
Total Eclipse	2000	Samuel Maoz		Provid Film Production		Israel	Hebrew		Eclipse sighting? (IMDb)
Almanach	1999	Denys Desjardins	n/a	Office national du film du Canada	Office national du film du Canada www.onf.ca	Canada	French	48 min	In these uncertain and anxious times where Nostradamus and prophets of doom regularly make the headlines, Almanach examines the world of the occult with tongue firmly planted in cheek. A fascinating journey to the heart the bizarre, the film explores the realm of the paranormal where we discover a gallery of colourful characters (seers, astrologers, prophets, sceptics, philosophers, farmers, etc.) through whom our relationship with the future is questioned. Film footage from the Feb 26, 1998 eclipse, from Guadeloupe. (R. Lavoie)
Awesome ! The Souvenir Video of the 1999 Solar Eclipse	1999	David Fair, Martyn Ives	n/a	York Films of England	York Films of England www.yorkfilms.com	UK	English	52 min	This video, retitled by a UK distributor, is identical to Eclipse - Herald of the Millennium. See that entry for a complete synopsis.

Coincidence	1999	Pascal Signolet, Alain Adjès	n/a	La Sept Arte, Morgane Productions, Cité des sciences et de l'industrie		France	French	52 min	Eclipse chasers from all walks of life speak about their passion. A solar eclipse is one of the few cosmic events visible with the unaided eye. It is an extraordinary and unforgettable spectacle for those who witness it. But have the sensations that it etches on the mind evolved over the centuries ? From the first eclipses observed by humans to the understanding of celestial mechanics, from the terrifying oracles to the trivialization of the phenomenon, what is left today of the emotions of our ancestors ? COINCIDENCE examines the evolution of humankind's reaction to this cosmic event through the accounts of eclipse chasers, scientists and amateurs alike. What common ground is there between a NASA astrophysicist, a nurse and an astrologist ? Between a shamanistic expert and a elementary particles physicist ? All have observed a number of eclipses and despite their differences, their points of view are not contradictory. Some of them traveled thousand of kilometres to observe an annular eclipse in Australia on February 16, 1999. Annularity lasted all of 43 seconds ! The beauty and mystery of eclipses is in part due to the fact that they are entirely beyond our will and that
Countdown to the Eclipse	1999		Sky At Night	BBC	BBC Videos www.bbcworldwide.com	UK	English		Episode 509. Aired on 11 August 1999. With Patrick Moore. (Raoul Lannoy)
Eclipse - Herald of the Millennium	1999	David Fair, Martyn Ives	n/a	York Films of England	York Films of England www.yorkfilms.com	UK	English	52 min	This video documents the 1999 total solar eclipse. Some of the contributions are colourful - footage of New Agers, Pagans, Travelers and Druids and their rituals make it into the video along with a discussion of Nostradamus and an experiment to see if eggs can be made to stand during an eclipse. We see narrator, Brian Blessed, dramatically appear quoting Gloucester in King Lear on a coastal amphitheatre. Children in Hungary join hands to form a line along the track of totality. We are shown a Romanian couple who will marry during totality. Another couple cycle along the track of totality looking for the best spot. Dracula's castle in Transylvania lies just outside the track of totality - the effect the eclipse might have on him is considered. The mayors of the neighbouring towns of Blagny and Carignan try and push their town's claims to being the best spot to observe the eclipse. They advance their own town's claims, while disparaging the other. Mixed in with this, we see more sober contributions from astronomers and scientists like Hubert Reeves, John Mason, Jay Pasachoff, Fred Espenak (captioned as 'Head of Eclipses, NASA'), Rainer Schwenn and Jean Pierre Sareyan. Computer animations are used to illustrate why we get eclipses on the Earth, and why
Eclipse 1999 graphics VNR	1999		n/a	European Space Agency	ESA Television, Video Archive, production no. 100790		English	6 min	A voiced section explaining the mechanics and stages or 'contacts' of a solar eclipse - then the following animation sections: eclipse sequence; eclipse sequence close-up; Sun-Moon-Earth eclipse configuration; eclipse from space; diamond ring; corona; Baily's Beads from space; solar system configuration; solar eclipse map.
Eclipse 99	1999		n/a	York Films of England	York Films of England www.yorkfilms.com	UK	English	50 min	York Films was really on the ball when it came to the August 99 total solar eclipse as they produced no less than three videos. This production was screened in over 20 countries just prior to the event and borrows from an earlier production The Eclipse Phenomenon. Eclipse - Herald of the Millennium (also known as Awesome ! The Souvenir Video of the 1999 Solar Eclipse) is the post-event video. (JML)

ESA Science Eclipse 99 / Pleins Feux Soleil Noir	1999		n/a	European Space Agency	European Space Agency, Science Programme Communication Service	European Community	English / French	29 min	This video documents the science and public outreach activities by ESA on August 11th 1999. Using computer generated animations an explanation is given about how eclipses occur. Important contributions to science made during eclipses are discussed including the gravitational bending of light predicted by Einstein, the discovery of helium and the realization that the corona was at such high temperatures. Footage from various locations is used. An airborne expedition operating out of Ireland was successful. Other places inside the track of totality where ESA had staff:- Noyon (cloudy) Thionville (success), Strasbourg (success), Stuttgart (cloudy), Munich (success), Burgenland (success), Szombathely (success), Bucharest (success) and Bulgaria (success).Luminaries like Dr. Detlef Koschny (ESA Space Science Dept.) and Dr. Ken Phillips (Rutherford Appleton Laboratory) make contributions. The video concludes with a discussion on ESA space missions like Ulysses, SOHO and Cluster. (Michael Gill)
Im Schatten des Mondes (In the Shadow of the Moon)	1999	Manfred Voltmer	n/a		pascale.demy@intersaar.de	Germany	German	30 min	This documentary, which was shown on ARD/SWR Television, documents the passion and eclipse expeditions of Pascale Demy and Gernot Meiser in Siberia (97), Columbia (98), Malaysia (98) and Australia (99) and their preparations for the total solar eclipse over Europe/Germany in 99.
In the Shadow of the Moon	1999								An eyewitness recalls the 1932 total eclipses of the sun visible in the UK and her experience of the 1999 eclipse for which she travelled to the south west of the country. (Mike Murphy)
Schwas Sonne	1999	Ingolf Bauer	n/a			Switzerland	German		(R.Lannoy)
Stories of the Sun	1999		n/a	European Space Agency	ESA Television, Video Archive, production no. 870	European Community	English	15 min	Made just prior to the August 1999 Solar Eclipse, this video looks at the actions of the Sun and the instruments used to study it. Chapters are organized as follows : LANTERN OF THE WORLD : an overview covering the solar wind and Europe's solar spacecraft. UNDER THE SUN: the structure and actions of the Sun. SOLAR TANTRUMS : solar cycles, coronal mass ejections, effects on space-based technologies. BLOWING IN THE SOLAR WIND : a description of the solar wind, and findings of the spacecraft which have examined it COVER THE LIGHT : SOHO images of coronal mass ejections, comets hitting the Sun. MAGNETIC MINEFIELDS : the Sun's 'magnetic carpet'. SOLAR ARMADA: a more detailed look at missions Ulysses, SOHO and Cluster. SONG OF THE SUN: how scientists have been able to study the ways in which the Sun works, including recording the sound it makes.

The Eclipse Phenomenon	1999		n/a	York Films of England	York Films of England www.yorkfilms.com	UK	English	50 min	<p>A video preview of the 1999 European eclipse. Also see Eclipse 99.</p> <p>The video's opening sequence is shot at Stonehenge - believed by some to have been possibly used to record/predict eclipses. The video then gives a comprehensive overview on where to see totality from on August 11th 1999. We are shown astronomer David Levy on the deck of a ship - he and 700 other enthusiasts will be the first to see the 1999 total eclipse, close to where the Titanic foundered. The path across Europe is shown in some detail. Black and white footage of astronomers preparing for the June 1927 total solar eclipse is shown - this was the last occasion the Moon's shadow crossed England. Other previous eclipses are discussed: the 'Halley' eclipse of 1715, the 'Einstein' eclipse of 1919, Jules Janssen's dramatic balloon escape from Paris to get to Algeria to (unsuccessfully) observe the 1870 total eclipse, and the 'Concorde' eclipse of 1973. Extensive use is made of computer animations in this video. The origin of the Earth-Moon system by an impact of a Mars-sized body on the proto-Earth is rendered. The increasing Earth-Moon distance together with the slowdown of the</p>
The Magic of Total Solar Eclipses	1999	Les Roberts	n/a	University College London	Contact Dr. Francisco Diego at fd@star.ucl.ac.uk or contact UCL Images at images@ucl.ac.uk	UK	English	24 min	<p>Prepared prior to August 1999 to enable viewers to safely observe that total solar eclipse. The film opens at Stonehenge and discusses the importance of the Sun to early cultures and the Sun's role in Earth's weather. The Sun's internal processes are outlined and the photosphere, chromosphere and corona are all described. A demonstration is given by presenter Nik Kendrew on the proper use of solar eclipse filters. The scale of the solar system and the inclination of the Moon's orbit to Earth's orbital plane is demonstrated and the cause of annular and of total solar eclipses are explained. Dr. Francisco Diego then explains solar phenomena such as sunspots, the solar wind and the rotation of the Sun and using still photographs he illustrates how the appearance of the corona differs from one total eclipse to the next. Dr. Diego follows this with a comprehensive description of the phenomena visible at a total solar eclipse and some beautiful footage of the Bolivian landscape taken by the University College London 1994 expedition is used. In February 1998, presenter Kendrew then travels to Guadeloupe with the</p>
The Story of the Total Solar Eclipse 11th August 1999	1999	Steve Gammond	n/a	Green Umbrella Productions	Green Umbrella Productions www.umbrella.co.uk	UK	English	50 min	<p>This video was produced following the total solar eclipse of 11th August 1999 - the first in England since 1927. Unfortunately, mostly cloudy conditions prevailed along the track of totality for this eclipse in the UK. This resulted in the footage of the total solar eclipse in this video being provided by an RAF Hercules aircraft above the clouds. Images of the landscape during totality below the clouds are shown. This is complemented by some footage taken elsewhere in Europe where clouds didn't spoil the show. The main location used in this video is Bray Hill, in Daymer Bay, Cornwall. Presenter Patrick Moore provides background information about distances in space, the composition of the Sun and its evolution. He explains (with the help of animations) the causes of lunar phases as well as the different types of eclipses: lunar, partial solar, total and annular. A couple of locals are then interviewed - they appear disgruntled at the disruption to their lives caused by the eclipse and show little interest in the spectacle. Despite their cynicism, some 2,500 people climb Bray Hill and we are shown some of them setting up their</p>
The Last Total Eclipse	1999		n/a	NHK		Japan		60 min	Coverage of the 11 August 1999 TSE.

Total Eclipse Live	1999					UK	English		Presented by Patrick Moore, Michael Buerk and Philippa Forrester
The Sun	1999		Earth Collection	Authentic Entertainment	Discovery Channel	USA	English	344 min	One of seven programs found on this two DVD set from Discovery. Features Dr. Jay Pasachoff amongst other well known solar experts. (JML)
The Sun aka Les mystères du cosmos	1998		The Complete Cosmos	York Films of England, Channel 4 Television, Danmark Radio		UK	English	10 min	Season 1, episode 1.
Aurorae and Eclipses	1998		The Complete Cosmos	York Films of England, Channel 4 Television, Danmark Radio		UK	English	10 min	Season 1, episode 6.
Eclipso	1998		n/a	AmeriCAM	AmeriCAM www.americam.com	USA	English	50 min	Narrated by Bryan Brewer, this documentary captures the tension and excitement around the February 26, 1998 total solar eclipse from the cruise ship Galaxy, near Antigua, in the Caribbean. This video includes footage of the Montserrat volcano erupting during the eclipse, interviews with astronomers and eclipse chasers, excerpts of lectures by Woody Sullivan, Ph.D., Professor of Astronomy, and footage of the solar eclipse.
Le Soleil Roi (The Sun King)	1998	Roland Portiche	Les Grandes Énigmes de la Science	FR2, Les Production VM Group	VM Group www.vmproductions.fr	France	French	52 min	This film was shot in February 98, in Curacao, at the time of the total solar eclipse. The program is presented by Roland Portiche and Francois de Closets who is an expert in science programs and has written books about the Apollo program. (Raoul Lannoy)
Cycles of the Sky	1995		The Infinite Frontier, Part 3	Coast Telecourses	Resources in Training and Education		English	30 min	Describes phases of the Moon, with computer graphics highlighting the relative positions of the Earth, Moon and Sun during each phase. Explains the sidereal and synodic periods of the Moon and why they are different, tides on earth, lunar and solar eclipses, and unique orbital and size relationships the rotation of Earth, Moon and Sun that makes a total solar eclipse possible.
Encounters : Eclipse Chasers	1995		n/a	RDF Media, Channel 4	RDF Media www.rdfmedia.com	UK	English	50 min / 60 min	RDF Media's web site list two films of different lengths, both summarized as : The social effects of a solar eclipse in India. (JML) This video documents eclipse chasers at the 1995 total solar eclipse in India. Unfortunately, the films makes the chasers interviewed sound like they are a bit lunatic. (Patrick Poitevin)
Sun, Earth, Moon	1995		n/a	National Geographic Society	National Geographic Society	USA	English	17 min	Demonstrates how the Sun, Earth and Moon produce changing seasons, rising and falling tides and eclipses. Joins a group of astronomers in Bolivia and witnesses a total solar eclipse.
Chasing Shadows : The Story of a Modern Pilgrimage	1994	Mark Oldfield	n/a	Baton Broadcasting System - MCTV	moldfield@ctv.ca greatmanitou@hotmail.com	Canada	English	47 min	A Canadian led group of eclipse chasers travels to Peru and then across the Chilean border to observe the November 3rd, 1994 eclipse in the Andes from an altitude of 14,000 feet. Hosted by Dr. David Pearson, this beautifully shot made for TV film weaves information about eclipses with historical and cultural notes about the Incas and their modern day descendants. Of note, a beautiful shot as darkness falls on the high altitude Chilean plateau at second contact.
Heather Couper's Guide to the Universe	1994		n/a	Pioneer Productions	IMC Vision Ltd	UK	English	60 min	Professor Heather Couper presents a hands-on guide to the cosmos with tips on how to get started in astronomy, showing how to recognize star patterns, identify planets, spot shooting stars and view eclipses.

The Sun	1994		Bill Nye, The Science Guy	Buena Vista Television. Disney Educational Television, KCTS-TV Seattle		USA	English	30 min	Season 3, episode 13, first broadcast on 22 October 1994
The Discoverers	1993	Greg MacGillivray, John Boorstin, Stephen Judson	n/a	MacGillivray Freeman Film, Expo 92-Sevilla, Resorte Comunicacion	Umbrella Entertainment (Australia)	USA	English	40 min	IMAX film
Baraka	1992	Ron Fricke	n/a	Magidson Films	Available at commercial outlets	Spain, Italy	Music only	96 min	A feature length film documenting a day in the life of planet Earth and its inhabitants by the cinematographer of Koyannisqatsi of which this film is a direct descendant. Features some shots of July 11, 1991 total solar eclipse shot on 70mm film. (JML)
Eclipse of the Century	1992	David Roberts	NOVA	WGBH Boston in association with BBC-TV	Public Broadcasting Services www.pbs.org/wgbh/nova/	USA/UK	English	60 min	In Hawaii on July 11, 1999, astronomers and scientists discovered a remarkable opportunity to examine a total eclipse of the Sun. Sun, Moon and Earth would perfectly align, achieving "totality" directly above technologically advanced observatories perched atop Mauna Kea, a dormant volcano. For the first time, giant telescopes could see behind the sizzle of the Sun and begin to understand our closest star. But the project was not as simple as it seemed. In the days preceding "the eclipse of the century", astronomers faced equipment breakdown, incompatible telescopes, threatening weather and a celestial spectacle that would wait for no one. Join the action as scientists prepare for an unprecedented look at the normally invisible corona - the Sun's superheated atmosphere. And take a breathtaking look at the sky's most exciting event.
Jorge Reyes en el ano del eclipse	1992	Sergio Garcia Michel, Miriam Hernandez	n/a	Contraluz Cine	http://www.youtube.com/watch?v=bom0LLcmlyo	Mexico	Music only	57 min	A disjointed impressionistic film of a live outdoor concert performed by Mexican ambient electronic musician Jorg Reyes, in Mexico City, during the 11 July 1991 total solar eclipse. The eclipse occurs during the first half of the film. Totality was shot mostly handheld through rather thick clouds. (JML)
Black Sun	1991		Horizon	BBC Television	BBC Videos www.bbcworldwide.com	UK	English	50 min	Total solar eclipses tend to occur at the ends of the Earth, making astronomers travel vast distances across oceans and continents to observe the few minutes of 'totality' - when the sun's vast corona flashes out. In 1991, 'totality' came instead to the astronomers, at the giant telescope on Mauna Kea in Hawaii.
Exploring the Total Eclipse of the Sun	1991		n/a	JAJ Productions			English	26 min	Diagrams are used to explain what happens when a solar eclipse occurs. The historical view of eclipses as omen is discussed. Footage of a recent total eclipse is presented.
Eye on Hawaiian Skies	1991		n/a	Tropical Visions	Tropical Visions www.tropicalvisions.com	USA	English	46 min	On 11 July 1991 total solar eclipse.
The Great Eclipse	1991	Robert Amram	n/a	Costa Baja Co.	ALTI Publishing 15708 Pomerado Road, Poway, California 92064	USA	English	54 min	In July 1991, the Baja Peninsula was host to one of the longest total solar eclipses of the 20th century. The town of La Paz was inundated with thousands of eclipse chasers from around the world presenting town officials with the largest single event in their history. "The Great Eclipse," narrated by Will Lyman, documents this transformation from sleepy Mexican village to the focus of the astronomical world. (David Makepeace)

The Great Eclipse	1991	Paul Berliner, Producer	n/a	Berliner Productions	Berliner Productions, PO Box 1473, Davis, CA, 95617,USA	USA	English	48min	Documenting the total solar eclipse of 11 July 1991 from La Paz, Baja California, this film includes eclipse facts and phenomena, interviews with amateur and professional astronomers, satellite footage of the umbra from space and complete coverage of totality. (DM)
The Hawaii Special	1991		Wonderstruck	Canadian Broadcasting Corporation	CBC International Sales	Canada	English	28 min	On July 11, 1991, a total eclipse of the sun passed directly over the Big Island of Hawaii. Host Bob McDonald was there and brought back footage of the event.
Eclipse total del sol	1991	Mauricio Schroeder	n/a	Universidad Autonoma Metropolitana		Mexico	Spanish		
Telecommunications, Solar Eclipse, Blimp, Bear Cubs	1991		Newton's Apples	KTCA PBS	PBS	USA	English	30 min	Season 9, episode 12, first aired on 28 December 1991.
Eclipse en Nayarit	1991	Teresa Mendicuti	n/a			Mexico	Spanish		Short documentary. Nayarit was on center line of 11 July 1991 TSE. (JML)
Secret of the Sun	1988		Stars series	Landmark Media Inc.	www.landmarkmedia.com	USA	English	25 min	Discusses the relationship of the sun and its effects on the Earth. Looks at sun spots and their effect upon Earth's weather. Observes a solar eclipse and visits and an underground laboratory to learn about neutrinos.
Eclipse of the Moon	1989		The Sky at Night	BBC Birmingham		UK	English	20 min	Episode 45, aired 30 July 1989.
Éclipses de Soleil et éclipses de Lune (Solar and Lunar Eclipses)	1985	William Kay	n/a				French	10 min	A short film to understand solar and lunar eclipses.
What is an eclipse	1985		n/a	Phoenix-BFA Films	Phoenix-BFA Films 2349 Chaffee Drive, St. Louis, MO 63146, 314-569-0211	USA	English	11 min	Uses animation and three-dimensional models to illustrate how the motion of the Moon around the Earth causes both solar and lunar eclipses. Actual time-lapse, telescopic motion pictures of both lunar and solar eclipses are shown. Shows new astronomical telescopes and recent discoveries about eclipses and the Sun.
The Journey Begins	1980		Arthur C. Clarke's Mysterious World	Trident Television, Yorkshire Television	Available at commercial outlets	UK	English		Season 1, episode 1, original air date 2 September 1980 This introductory show to the Mysterious World series features Arthur C. Clarke on location in Hyderabad, Central India, doing a play by play of the total solar eclipse. As the light fades, roosters are heard crowing loudly in the background. Though shot on film, the necklace of beads at second contact is quite extraordinary. Clarke explains that Venus and Mercury can be seen in the darkened sky but that is beyond the filmstock's range. Totality is quite short and the diamond ring at third contact quite stunning. (JML)
Chasing the Eclipse	1979	Ian Elkin, Norma Bailey	n/a	National Film Board of Canada	National Film Board of Canada www.nfb.ca	Canada	English	24 min	A group of amateur astronomers and eclipse-chasers arrive in Canada from Warren, Michigan, to view the February 26, 1979 total solar eclipse near Brandon, Manitoba, Canada. The film follows them through their preparations, the chase and finally the eclipse.

Day of the Dark Sun	1975		n/a	Iowa State University Film Production Unit	This film is listed in the catalogue of the following libraries : East Tennessee State University http://www.etsu.edu/lib_res.asp Minnesota State University at Mankato http://www.lib.mnsu.edu/ Fort Hays State University in Kansas http://www.fhsu.edu/forsy	USA	English	17 min	Shows the work of members of the National Science Foundation expedition which observed and photographed an eclipse of the Sun in Kenya in 1973. Examines the equipment used by the scientists and contrasts the visual appearance of the eclipse with the data obtained from scientific instruments.
Assess	1974		n/a	NASA Airborne Science Office	ESA Television, Video Archive, production No. 00000439	USA	English	14 min	ASSESS - Airborne Science Spacelab Experiments System Simulation. Produced by NASA's Airborne Science Office, which is located at the Arnes Research Centre in San Francisco, this video outlines the use of experimental flights in the field of space science. Examples of such flights are given - namely, the 1965 990 Galileo 'chase' of a solar eclipse, the 1968 Lear jet-mounted infra-red telescope and the larger C141-mounted telescope flown in 1974. The way in which the ASSESS programme documents airborne science for Spacelab planners is explained. Footage is provided from two missions: a joint Russian/NASA airborne microwave radiometry lab, and the ESA/NASA Galileo 2 Spacelab simulator.
A Line to the Sun	1973	Alan Sidi	n/a	Industrial Film Productions Ltd	Industrial Film Productions Ltd POB MT19 Leeds, LS17 8SE, UK	UK	English	50 min	1973 total eclipse of the sun cruise on M.S. Monte Umbe some 20 miles off the coast of Mauritania, North Africa. Astronomers examine the Concorde plane (that made airborne observations) as it was prepared on the Canary Islands. The eclipse itself and some observers' reactions are shown and we get to meet a pretty young Patrick Moore. (Daniel Fischer)
Day of the Dark Sun	1973					USA	English	17 min	A report on the NSF 1973 eclipse expedition to Kenya. (Jay Pasachoff)
Éclipse 73	1973	Gilbert Dassonville	n/a	Service du Film de Recherche Scientifique	Service du Film de Recherche Scientifique www.sfrs.fr	France	French / English / Spanish	35 min	Shot during June 1973 exceptionally long eclipse. In the Mauritanian desert, the Russian, Japanese, Italian and French teams set up tons of equipment. Using an especially equipped Concord jet, scientist were able for the very first time to observe an eclipse for 74 minutes and witness the grandiose spectacle of the lunar shadow moving along the earth's surface.
Solar Eclipse 73	1973		n/a	National Geographic Society	National Geographic Society no longer available	USA	English	23 min	Documents the eclipse expedition to Mauritania headed by Prof. Donald H. Menzel of the Harvard College Observatory, including participation from Dennis di Cicco, now of Sky and Telescope; Donald Cooke of Williams College, now of the Field Museum of Natural History; and paying participants from Educational Expeditions International (EEI) of Cambridge, MA, now Earthwatch. (Jay Pasachoff)
The African Eclipse	1973	Simon Wadleigh	The Sky at Night	BBC Birmingham	BBC	UK	English	20 min	Episode 127, aired on 11 July 1973.
Total Eclipse in Mexico	1970		The Sky at Night	BBC Birmingham	BBC	UK	English	20 min	Episode 190, aired on 7 March 1970.
Shadow Across the Sun	1970		n/a		NCAR Archives www.ucar.edu/library	USA	English	27 min	This films documents the story of the High Altitude Observatory's expedition to southern Mexico to observe the 1970 total solar eclipse. (Jay Pasachoff)

Soarele negru (Black Sun)	1968	Slavomir Popovici	n/a			Romania	Romanian		
Eclipses of the Sun and Moon	1966		EBF/AGI Earth Science Series	Encyclopedia Britannica	Encyclopedia Britannica apparently no longer available	UK	English	11 min	This early educational film uses stop-motion and time-lapse photography to present an actual solar eclipse. An animation sequence reveals the cause and effect of a total solar eclipse.
Solar Eclipse Campaign in Greece	1966		n/a	ESRO	ESA Television, Video Archive, production no. 465		silent	15 min	Nine sounding rockets carrying experiments from Denmark, Germany, Great Britain and Holland were launched by ESRO between May 15 and 20, 1966 from a temporary range established by the Organization near Karystos on the island Euboea in Greece; the site was specifically chosen with reference to the path of the eclipse. This ESRO production gives coverage of the campaign, the object of which was to measure the changes in those parts of the solar radiation which can only be measured from above the atmosphere, during the almost total eclipse of the Sun, and also to measure associated ionospheric phenomena. Assembly and testing of equipment is included in the footage.
Eclipse at Grand'Mère	1964		n/a	National Film Board of Canada	National Film Board of Canada www.nfb.ca	Canada	English	6 min	The eclipse of the sun on July 20, 1963, drew scientists and amateur stargazers to the little, out-of-the-way town of Grand'Mère, Québec, where the total eclipse was plainly visible. This film presents candid camera views of the festivities with which the town greeted the influx of visitors, and also shows the spectacle of the Moon blotting out the Sun.
	1961			BBC		UK	English		On February 15, 1961, this was the BBC's first big outside broadcast of an eclipse from three sites in France, Italy and Yugoslavia. Immortalised in one of the BBC's Sky at Night books and still fondly spoken of. (Mark Kidger) This eclipse was also featured in the dramatic film Barabbas - see Dramatic eclipse film database. (JML)
Our Mr. Sun	1956	Frank Capra	Wonders of Life	Bell Science Series Frank Capra Productions	Available at commercial outlets	USA	English	52 min	Our Mr. Sun is based on Donald Menzel's book "Our Sun." The movie includes an eclipse movie, starting with a diamond ring, interspersing views of eclipse watchers around the world, and ending the approximately 2-min segment with the final diamond ring. A little later, some High Altitude Observatory's coronagraph time-lapse movies of prominences is shown. The movie seems quite campy now, with primitive animation and with an actor playing "Dr. Research" and the actor Eddy Albert conversing with cartoon Mr. Sun and cartoon Father Time. But there is a lot of good material there, and there is very little I would change even after 45+ years. I didn't have a single scientific objection to the first half hour or more. The last 15 minutes or so, about solar energy, is the most dated. Glimpses of some of the scientists of the time--Walter Roberts, Jack Evans, Donald Menzel, and others--appeared. The quality of the transfer is pretty good. Only occasionally did I notice some film grain or scratches in the corner of the color movie. The movie was fun to watch. Also on the DVD is "The Strange Case of the Cosmic Rays," another Capra
Operation Eclipse II	1955	David Bairstow (producer)	n/a	National Film Board of Canada	National Film Board of Canada www.nfb.ca	Canada	English	11 min	This account of the June 1954 solar eclipse shows the scientific team being flown by Royal Canadian Air Force airplane along the path of the eclipse. This allowed for prolonged and unobscured observation as the eclipse passed over the Labrador coast.

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