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CRC Press 075030619X

# Eclipse '99: Capture it on Film - Photography Guide

A Comprehensive Manual by H.J.P Arnold

## INTRODUCTION

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This guide, "Eclipse '99: Capture it on Film," is designed to provide essential practical advice for anyone wishing to photograph a solar eclipse. It covers critical aspects from ensuring eye safety during observation to selecting appropriate photographic films and equipment. The book aims to equip both amateur photographers using basic cameras and experienced individuals with sophisticated gear to successfully capture this rare astronomical event.

By following the detailed instructions and recommendations from an experienced astrophotographer, readers can achieve high-quality photographic results while maintaining safety. The objective is to enable you to create a lasting pictorial record of the eclipse.

## KEY TOPICS COVERED

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The manual systematically addresses several crucial areas to ensure a successful eclipse photography experience:

- **Eye Safety:** Detailed guidelines on protecting your eyes during all phases of a solar eclipse.
- **Film Selection:** Recommendations for suitable photographic films to achieve optimal results under varying eclipse conditions.
- **Equipment Utilization:** Instructions for using various types of cameras, from simple "fun" cameras to advanced photographic equipment.
- **Photography Techniques:** Practical advice on exposure, framing, and other techniques specific to capturing solar eclipses.
- **Safe Observation Practices:** Methods for observing the eclipse safely while simultaneously preparing for photography.

## APPLYING THE TECHNIQUES

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The book emphasizes a step-by-step approach to eclipse photography. It illustrates what can be achieved with different levels of equipment, guiding the user through the process of setting up, observing, and capturing the event. Adherence to the author's advice is crucial for both safety and photographic success.

## Safety First

Prioritize eye safety above all else. The manual provides specific instructions and warnings regarding direct solar observation. Always use certified solar filters for both your eyes and your camera equipment when observing or photographing any part of the sun that is not in total eclipse.

## Equipment and Film

Whether you possess a basic point-and-shoot camera or a sophisticated DSLR with telephoto lenses, the guide offers tailored advice. It details how to prepare your camera, select the correct film speed and type, and manage exposure settings to capture the dynamic range of an eclipse.

## BOOK SPECIFICATIONS

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<b>Publisher</b>	CRC Press
<b>Publication Date</b>	January 1, 1999
<b>Edition</b>	1st
<b>Language</b>	English
<b>Print Length</b>	64 pages
<b>ISBN-10</b>	075030619X
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<b>Item Weight</b>	4.8 ounces
<b>Dimensions</b>	8.5 x 0.15 x 11 inches

## AUTHOR INFORMATION

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The author of "Eclipse '99: Capture it on Film" is **H.J.P. Arnold**. As an experienced astrophotographer, Arnold provides expert guidance based on practical knowledge, ensuring the advice within this manual is both accurate and effective for capturing celestial events.

## ADDITIONAL RESOURCES

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For further information or inquiries regarding this publication, please contact the publisher, CRC Press. You may also find additional resources on astrophotography and eclipse observation through reputable astronomical societies and educational institutions.

For more books by H.J.P. Arnold, you can visit his author page: [H.J.P. Arnold on Amazon](#).