

Prentice-Hall and ABC News/Prentice-Hall Video Library
Comets: A Biannual Subscription for Astronomy Instructors/Astronomy Today
Astronomy Today: Comets
1993 and 1994 (five tapes)

Contents

a) *Comets: A Biannual Subscription for Astronomy Instructors, Volume 1, Number 1, Astronomy Today, First Edition*, by Eric Chaisson and Steven McMillan, Animation by D. Berry, © 1993 by Prentice-Hall, Inc.

1. Hubble Space Telescope in Low Earth Orbit
2. Space Telescope Light Path
3. Wide Field/Planetary Camera
4. Faint Object Spectrograph
5. Goddard High-Resolution Spectrograph
6. High-Speed Photometer
7. COSTAR (Corrective Optics, Space Telescope Science Institute)
8. Light Cones
9. Galaxies Red and Blue
10. P Cygni Profile
11. Saturn Storm
12. Pluto Simulation
13. Deconvolution of 30 Doradus
14. AU Microscopium, Flare Star
15. A R LAC
16. Kohoutek 1 & 2
17. Z Cha
18. Nova Cygni 1975
19. R Aquarii, Symbiotic Star
20. Orion Nebula
21. Supernova
22. AC + 79 3888
23. Starlight Distribution of M 87
24. Cusp Formation in M 87
25. The Black Hole in M 87
26. Virgo A
27. The Jets of M 51
28. When Galaxies Collide
29. Gravitational Lensing

b) *Astronomy Today: Comets: Fall 1993 Edition*, © 1993 by Prentice-Hall, Inc. (ABC News/Prentice-Hall Video Library)

1. "A Shot in the Dark" PTL 7/11/92
2. "NASA Begins Comprehensive Search for Life in Space" WNT 10/12/92
3. "Nightline in Antarctica" NL 11/24/92
4. "The Active Sun" (NASA)
5. "SN 1987 A" (NASA)

"WNT" = "World News Tonight," "PTL" = "Primetime Live" and "NL" = "Nightline."

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Contents (continued)

c) *Comets: A Biannual Subscription for Astronomy Instructors, Astronomy Today, Astronomy Video and Animations, Comets: Spring 1994*, by Eric Chaisson and Steven McMillan, © 1994 by Prentice-Hall, Inc.

1. Collection of Magellan Radar Mapping Results	25:00
2. Galileo Earth/Moon Rotation	
Earth Rotation	1:05
Moon Rotation	1:11
3. Galileo at Gaspra	1:30
4. Galileo Flyby	1:29
5. Galileo Topography	0:57
6. Mapping Venus	9:09
7. Flight Over Candor Chasma (Mars)	0:50
8. Fault Motion from Space	8:40
9. HST Servicing Mission Highlights	18:00
10. Space Astronomy Update: Glimpse of a Cosmic Engine	48:00

d) *Astronomy Today: Comets: Spring 1994 Edition*, © 1994 by Prentice-Hall, Inc. (ABC News/Prentice-Hall Video Library)

1. "Searching for ET" WNT 10/12/92	3:03
2. "Diverting Asteroids and Lava Flows!" WNT 4/13/92	3:04
3. "Voyager II" PTL 10/28/93	9:06

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e) *Astronomy Today: Solar Eclipse*, © 1993 by Prentice-Hall, Inc. (ABC News/Prentice-Hall Video Library)

1. "The Sun and Today's Solar Eclipse (<i>The 1991 Solar Eclipse</i>)" NL 7/11/91
2. "Lack of Satellites to Observe Earth Pollution" WNT 5/8/92
3. "EPA: Ozone Depletion More Serious Than Thought" WNT 9/18/91
4. "Volcanic Eruptions Affecting Weather, Ozone Layer" NL 8/12/91
5. "The Big Bang Theory of the Universe" NL 3/24/92