

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC	
JANUARY	1	Winter Hexagon	Zenith, Winter Hexagon
	2	Orion	Orion's Belt
	3		Celestial Equator
	4		Celestial Sphere, Arabic Names
	5		Celestial Sphere, Degree Measurements
	6		" " " "
	7		Turning of the Stars (24 ^h = 360°)
	8		Seasonal Turning of Stars
	9		Apparent Magnitude
	10		" "
	11		Horsehead Nebula
	12		Great Nebula
	13		" "
	14		" "
	15		Red Giants
	16		" "
	17	Taurus	Signs of the Zodiac
	18		Aldebaran
	19		Elliptic, Zodiac, Occultation
	20		" " "
	21		Light Year, Distance to Pleiades, Hyades
	22		" " " " " "
	23		Pleiades
	24		"
	25		Open Clusters, Proper Motion
	26		Crab Nebula
	27		White Dwarf
	28		Neutron Star, Pulsar
	29	Auriga	Auriga
	30		Capella, The Kids
	31		ε Aurigae

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC	
FEBRUARY	1	Canis Major	Twinkling, Sirius
	2	Orions & Pals	Animal Companions: Dogs & Hare
	3	Canis Major	Mirzam
	4		Sirius
	5		Close Stars
	6		Sirius & Myths
	7		Star Colors, Planck Curve
	8		Light Spectrum
	9		Line Spectra, Spectral Types
	10		Mysterious Sirius B
	11		" " "
	12		" " "
	13		" " "
	14		" " "
	15	Canis Minor	Canis Minor
	16		Procyon, Gomeisa
	17		Procyon's Proper Motion, Name
	18		" " " "
	19		Milky Way, Rosette Nebula
	20	Monoceros	Cone Nebula
	21	Gemini	Castor & Pollux, Ying & Yang
	22		" " " " " "
	23		Castor - Multiple Star System
	24		Pollux
	25		Zodiac, Summer Solstice
	26		Planet Discoveries
	27		U Geminorum
	28		Eskimo Nebula - Planetary Nebula

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC
MARCH	1	Various
	2	Oblers' Paradox
	3	" "
	4	Alphard
	5	"
	6	Cancer
	7	Stars of Cancer, Almagest
	8	Zodiac, Occultation
	9	Summer Solstice, Tropic of Capricorn
	10	Ecliptic, Precession
	11	Constellation "Map"
	12	" " "
	13	Beehive, Star Clusters
	14	" " "
	15	" " "
	16	HR Diagram
	17	" "
	18	" "
	19	" "
	20	" "
	21	Life of the Sun
	22	Messier Catalog
	23	" "
	24	" "
	25	" "
	26	Lynx
	27	Lynx
	28	Hydra
	29	Water Snake
	30	" "
	31	" "
	30	Crater, Corvus
	31	Cup and Crow
		Oblers' Paradox

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC
APRIL	1	Sun's Energy, Change of Season
	2	Spring Equinox, Egg Moon
	3	Leo Regulus
	4	Summer Solstice
	5	The Sickle, & Leonis
	6	Regulus, Algeiba, Binary Stars
	7	Regulus & Sphynx
	8	Regulus, Zodiac, Occultation
	9	Denebola
	10	Rleonis - Variable Stars
	11	Leonid Meteors, Comet Temple - Tuttle
	12	" " " " "
	13	Galaxies in Leo
	14	" " "
	15	Wolf 359, Star Population
	16	Stars within 10 ly
	17	" " " "
	18	Centarus & Cen, Proxima Cen
	19	" " " " "
	20	" " " " "
	21	Sky from Australia
	22	" " "
	23	" " "
	24	" " "
	25	Sextens
	26	Leo Minor
	27	Coma Berenices Coma Star Cluster
	28	" " "
	29	North Galactic Pole
	30	Canes Venatici M51

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC
MAY	1 Ursa Major	Big Dipper, Day Lilies
	2	Celestial Sphere, Circumpolar Stars
	3	Nightly Motion of Big Dipper
	4	Great Bear, Other Forms
	5	Distances Types of Stars
	6	Cosmic Pointers
	7	" "
	8	Arc to Arcturus
	9	Spike to Spica
	10	Proper Motion of Dipper Stars
	11	" " " " "
	12	Three Leaps of the Gazelle
	13	Flying Star 1° / 500 yr
	14	Mizar & Alcor
	15	" " "
	16	Lalande 21185 - 8.3 ly
	17	Galaxies
	18 Ursa Minor	Celestial Pole
	19	" "
	20	Motion about the Pole
	21	" " " "
	22	Precession
	23	"
	24	No Southern Pole Star
	25 Virgo	Spica
	26	Red Dwarf Nearby Stars
	27	" " " "
	28	Galaxies, Virgo Cluster
	29	" " "
	30	Cosmic Distance Scale; Quasars
	31	" " " "

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC	
JUNE	1	Bootes	Arcturus
	2		"
	3		"
	4		Arcturus & Parallax
	5		" " "
	6		" " "
	7		Extraterrestrial Life
	8		" " "
	9		" " "
	10		" " "
	11		View from Arcturus
	12		" " "
	13		Arcturus Brightest in N. Hemis.
	14		Proper Motion of Arcturus
	15	Taurus	Stars Behind the Sun
	16		" " " "
	17	Corona Borealis	Gemma, Alpheca
	18		" "
	19		T Corona, R Corona
	20		" "
	21	None	Summer Solstice
	22	"	Arctic Circle
	23	Libra	Only Inanimate Object in Zodiac
	24		Zuben Eschamali, Zuben el Genubi
	25		Zodiac
	26		"
	27	Scorpius	Scorpion
	28		"
	29		Antares (SIZE!)
	30		Shaula

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC	
JULY	1	None	Music & Astronomy
	2	Hercules	Keystone
	3		"The Kneeling One"
	4		" " "
	5		M13
	6		Globular Clusters
	7		Age & View from M13
	8		Solar Apex 12 mi/sec toward Vega
	9	Ophiuchus	Rasalhague
	10		Serpens
	11		Barnard's Star
	12		" "
	13		Kepler's Star SN1604
	14		Nova 1934
	15		Novae & Supernovae
	16	Sagittarius	Teapot
	17		Centaur
	18		Teapot
	19		Winter Solstice
	20		" "
	21		The Milky Way
	22		" " "
	23		" " "
	24		" " "
	25		Messier Objects
	26		" "
	27		" "
	28		" "
	29	Scutum	"Sobieski's Shield"
	30		Bayer Designation
	31		Galactic Equator

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC
AUGUST	1	Summer Triangle
	2	" " "
	3	Lyre
	4	Vega
	5	"
	6	"
	7	β Lyrae - Sheliar
	8	" " "
	9	ϵ Lyrae Double Double
	10	Ring Nebula
	11	RR Lyrae
	12	Perseus Perseid Shower
	13	" "
	14	Cygnus Birds
	15	Myth
	16	Kite
	17	Northern Cross (stands on horizon on Dec 25)
	18	Deneb
	19	Red Giants, "Snapshot" in time
	20	Milky Way in Cyg
	21	" " " "
	22	North American Nebula
	23	" " " "
	24	Nova in Cig 1975
	25	Supernova, Veil Nebula
	26	1st Paradox Measurement
	27	" " " "
	28	Cyg X-1
	29	" "
	30	Albireo
	31	Zodiacal Light

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC
SEPTEMBER 1	Aquila	Birds
2		"
3		Altair
4		Van Biesbroeck's Star
5		Nova 1899, 1936, 1918
6	Sagitta	The Arrow
7	Delphinus	Sualocin & Rotanev (Nicolaus Venator!)
8	Vulpecula	Dumbell Nebula
9	Equuleus	The Foal
10	Lacerta	The Lizard
11	Cepheus	
12	Cepheus	
13		Alderamin, Pole Star 18,000 yr age
14		Garnet Star - Red Giant
15		Krueger 60 - Binary
16		S - Cephei, Cepheid Variables
17		" " "
18		" " "
19		" " "
20		" " "
21	Draco	Dragon
22		Pyramid & Thuban
23	Capricornus	Algedi & Deneb Algen
24		Tropic of Capricorn, Winter Solstice 1000 Bc
25	Aquarius	Water Constellation
26		NGC 7293 - Planetary Nebula
27		"Age of Aquarius"
28		" " "
29	Pisces Austrinus	Fomalhaut
30		Lalaille 9352 - 12 ly

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC	
OCTOBER	1	None	Dim Stars!
	2		Orionids, Fomalhaut
	3		Galactic South Pole
	4		" " "
	5	Pegasus	Spring Equinox
	6		" "
	7		M15, Globular Cluster
	8	None	RA & Dec
	9		" " "
	10		" " "
	11		" " "
	12		" " "
	13		Alt & Az
	14		" " "
	15		Equatorial and Horizon Coordinates
	16		" " " "
	17		Sun's Apparent Motion
	18		" " "
	19		" " "
	20		" " "
	21		Far Northern Observers
	22		" " "
	23		New Zealand Observer
	24		" " "
	25	Peg: Grt. Square	Stars
	26		"
	27		"
	28		"
	29		Galaxies
	30		"
	31		Quasars

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC
NOVEMBER 1		Big Bang
2	Northern	Greek Myths
3	Cassiopeia	
4	"	
5		Caph, Great Square & 23 ^h
6		Open Clusters
7		Tycho's Supernova
8		" "
9		" "
10		" "
11	Andromeda	
12	"	
13		Andromeda Galaxy, Salt as Stars (16)
14		" " " " " "
15		" " " " " "
16		" " " " " "
17		Earth in the Milky Way
18		Local Group
19	Fornax	
20	Sculptor	South Galactic Pole
21		M33 - Pinwheel Galaxy
22		Globular Cluster, Galaxy Group
23	Pisces	
24		Spring Equinox
25		Van Maanen's Star 14 ly, WD
26		M74, Expanding Universe
27	Cetus	Mira
28		Nearby Stars
29		Galaxies, Red Shift, Quasars
30		" " " "

365 STARRY NIGHTS BY CHET RAYMO
DETAILED CONTENTS

DATE	CONSTELLATION	TOPIC
DECEMBER	1 Orion, et al.	Rising
	2	Winter Solstice, Twilight
	3 Perseus	Water Constellations
	4	Mirfak
	5	Algol
	6	"
	7	Milky Way
	8	Nova 1901
	9	Perseus III Association near Mirfak
	10	H & X Double Cluster
	11	Spiral Arms of Milky Way
	12	" " " " "
	13	California Nebula, M34
	14	Tycho Brahe's Birthday, Tycho Crater
	15	Algol, Horizon Plane
	16	" " "
	17 Camelopardalis	Boring!
	18 "	"
	19	Galaxies 1 C 342, NGC 2403
	20 None	Winter Solstice
	21	" "
	22	" "
	23	Chanukkah
	24	Star of Bethlehem
	25	Newton's Birthday
	26	" "
	27	Kepler's Birthday
	28	" "
	29 Aries	
	30	Hamala, Sharatan, Mesarthim
	31	Joy of Knowing the Sky

