THE FORTNIGHTLY REVIEW.
[WITH CHRO NOTICES]
THE NEW FORTNIGHTLY REVIEW.CO.UK SERIES.
'THE STROKE OF AN OAR GIVEN IN TRUE TIME'

Appendix C – Chronology

Table C.1 – Chronology of Earth, List of Historical Events

Event	Julian (OS) or Gregorian (NS) Calendar							Martian Calendar					
							MY		AD/BC		Date		
First Olympiad	BC	776	Jul	23	Tue	OS	2094	BC	412	Nov	7	Mon
Foundation of Rome (AUC)		753	Jan	1	Tue		2106		400	Oct	18	Sat
Fall of Jerusalem		586	Jul	17	Tue		2195		311	Nov	13	Sat
Death of Socrates		399					2295		211			
Death of Alexander the Great		323	Jun	11	Mon		2335		171	Aug	34	Fri
Death of Julius Caesar		44	Mar	15	Wed		2483		23	Nov	8	Sat
Birth of Christ (probable)		4	Dec	25	Tue		2505	BC	1	Jul	20	Sat
Birth of Christ (traditional)	BC	1	Dec	25	Sat		2506	AD	1	Feb	25	Mon
Crucifixion of Christ (probable)	AD	33	Apr	3	Fri		2524		19	Apr	23	Sun
Founding of Constantinople		330	May	11	Mon		2682		177	Mar	54	Thu
End of Western Roman Empire		476	Sep	4	Sat		2759		254	Jan	26	Sun
Death of Justinian the Great		565	Nov	14	Sat		2807		302	Jun	33	Thu
Hegira		622	Sep	20	Mon		2837		332	Sep	15	Wed
Baptism of Russia		988	Aug	1	Wed		3032		527	Mar	33	Sun
Battle of Hastings		1066	Oct	14	Sat		3073		568	Oct	27	Tue
Fall of Constantinople		1453	May	29	Tue		3279		774	May	13	Sat
Columbus Reaches America		1492	Oct	12	Fri	OS	3300		795	Apr	25	Thu
Inauguration of Gregorian Calendar		1582	Oct	15	Fri	NS	3347		842	Feb	26	Fri
Declaration of Independence		1776	Jul	4	Thu		3450		945	Feb	24	Mon
Battle of Gettysburg		1863	Jul	1	Wed	NS	3497		992	May	26	Thu
October Revolution (Russia)		1917	Oct	25	Wed	OS	3526		1021	Apr	14	Fri
Armistice, End of World War I		1918	Nov	11	Mon	NS	3526		1021	Oct	37	Sun
VJ Day, End of World War II		1945	Sep	2	Sun		3540		1035	Jan	38	Wed
Dissolution of the Soviet Union		1991	Dec	26	Thu		3565		1060	Sep	11	Tue
Attack on World Trade Center		2001	Sep	11	Tue		3570		1065	Nov	9	Thu

Table C.2 – Chronology of Mars

Event*	Gregorian Calendar				Martian Calendar				
					MY	AD/BC	Date		
MD 0.0	BC 4742 (Julian)	Jul	3	Mon	-15	BC 2521	Mar	1	Sat
JDM 0.0	BC 4713 (Julian)	Jan	1	Mon	1	BC 2505	Apr	47	Mon
Claudius Ptolemaeus	AD c. 168				c. 2596	c. AD 91			
Kepler plots orbit of Mars	1609				3362	857			
MSD 0.0	1873	Dec	29	Mon	3502	997	Dec	22	Thu
Schiaparelli observes “canals”	1877	Sep	5	Wed	3504	999	Nov	52	Sat
Deimos discovered	1887	Aug	12	Fri	3510	1005	Mar	18	Mon
Phobos discovered	1887	Aug	18	Thu	3510	1005	Mar	24	Sun
Lowell Observatory founded	1894				3513	1008			
War of the Worlds Panic	1938	Oct	30	Sun	3537	1032	Jun	4	Sun
Marsnik 1 (USSR) †	1960	Oct	10	Mon	3548	1043	Feb	3	Wed
Marsnik 2 (USSR) †	1960	Oct	14	Fri	3548	1043	Feb	7	Sun
Sputnik 22 (USSR) †	1962	Oct	24	Wed	3550	1045	Mar	6	Sun
Mars 1 (USSR) †	1962	Nov	1	Thu	3550	1045	Mar	13	Sun
Sputnik 24 (USSR) †	1962	Nov	4	Sun	3550	1045	Mar	16	Wed
Mariner 3 (USA) †	1964	Nov	5	Thu	3551	1046	Apr	5	Tue
Mariner 4 (USA)	1964	Nov	28	Sat	3551	1046	Apr	27	Wed
Zond 2 (USSR) †	1964	Nov	30	Mon	3551	1046	Apr	29	Fri
Mariner 4 flyby	1965	Jul	15	Thu	3551	1046	Aug	25	Mon
Mariner 6 (USA)	1969	Feb	25	Tue	3553	1048	Jul	31	Sun
Mariner 7 (USA)	1969	Mar	27	Thu	3553	1048	Aug	4	Mon
Mars 1969A (USSR) †	1969	Mar	27	Thu	3553	1048	Aug	4	Mon
Mars 1969B (USSR) †	1969	Apr	2	Wed	3553	1048	Aug	10	Sun
Mariner 6 flyby	1969	Jul	31	Thu	3553	1048	Oct	14	Thu
Mariner 7 flyby	1969	Aug	5	Tue	3553	1048	Oct	19	Tue
Mariner 8 (USA) †	1971	May	8	Sat	3554	1049	Sep	30	Wed
Cosmos 419 (USSR) †	1971	May	10	Mon	3554	1049	Sep	32	Fri
Mars 2 (USSR) †	1971	May	19	Wed	3554	1049	Sep	41	Sun
Mars 3 (USSR) †	1971	May	28	Fri	3554	1049	Sep	50	Tue
Mariner 9 (USA)	1971	May	30	Sun	3554	1049	Sep	52	Thu
Mariner 9 orbit	1971	Nov	14	Sun	3554	1049	Dec	47	Sat
Mariner 9 shut off	1972	Oct	27	Fri	3555	1050	Jun	54	Tue
Mars 4 (USSR) †	1973	Jul	21	Sat	3555	1050	Nov	34	Wed
Mars 5 (USSR)	1973	Jul	25	Wed	3555	1050	Nov	37	Sat

Table C.2 – Chronology of Mars

Event*	Gregorian Calendar				Martian Calendar				
					MY	AD/BC	Date		
Mars 6 (USSR) †	1973	Aug	5	Sun	3555	1050	Nov	48	Wed
Mars 7 (USSR) †	1973	Aug	9	Thu	3555	1050	Nov	52	Sun
Mars 5 orbit	1974	Feb	12	Tue	3556	1051	Mar	13	Sun
Mars 5 shut off	1974	Feb	21	Thu	3556	1051	Mar	22	Tue
Viking 1 (USA)	1975	Aug	20	Wed	3556	1051	Dec	48	Sun
Viking 2 (USA)	1975	Sep	9	Tue	3556	1051	Jan	12	Sat
Viking 1 Orbiter	1976	Jun	19	Sat	3557	1052	Jun	11	Tue
Viking 1 Lander	1976	Jul	20	Tue	3557	1052	Jun	41	Thu
Viking 2 Orbiter	1976	Aug	7	Sat	3557	1052	Jul	3	Mon
Viking 2 Lander	1976	Sep	3	Fri	3557	1052	Jul	30	Sun
Viking 2 Orbiter shut off	1978	Jul	25	Tue	3558	1053	Jul	33	Sat
Viking 2 Lander shut off	1980	Apr	11	Fri	3559	1054	Jun	29	Sat
Viking 1 Orbiter shut off	1980	Aug	17	Sun	3559	1054	Aug	41	Thu
Viking 1 Lander shut off	1982	Nov	13	Sat	3560	1055	Nov	2	Wed
Phobos 1 (USSR) †	1988	Jul	7	Thu	3563	1058	Nov	3	Mon
Phobos 2 (USSR)	1988	Jul	12	Tue	3563	1058	Nov	8	Sat
Mars Observer (USA) †	1992	Sep	25	Fri	3565	1060	Jan	54	Wed
Mars Global Surveyor (USA)	1996	Nov	7	Thu	3568	1063	Apr	16	Thu
Mars 96 (Russia) †	1996	Nov	16	Sat	3568	1063	Apr	25	Sat
Mars Pathfinder (USA)	1996	Dec	4	Wed	3568	1063	Apr	42	Tue
Mars Pathfinder Lander & Sojourner Rover	1997	Jul	4	Fri	3568	1063	Aug	25	Sat
Mars Global Surveyor orbit	1997	Sep	12	Fri	3568	1063	Sep	36	Wed
Mars Pathfinder shut off	1997	Sep	27	Sat	3568	1063	Sep	51	Thu
Nozomi (Japan)	1998	Jul	3	Fri	3568	1063	Feb	43	Wed
Mars Climate Orbiter (USA) †	1998	Dec	11	Fri	3569	1064	May	34	Fri
Mars Polar Lander (USA) †	1999	Jan	3	Sun	3569	1064	Jun	1	Sun
Deep Space 2 (USA) †	1999	Jan	3	Sun	3569	1064	Jun	1	Sun
2001 Mars Odyssey (USA)	2001	Apr	7	Sat	3570	1065	Aug	24	Fri
Mars Odyssey orbit ‡	2001	Oct	24	Wed	3570	1065	Nov	50	Wed
Mars Express (USA)	2003	Jun	2	Mon	3571	1066	Oct	8	Sun
Spirit (USA)	2003	Jun	10	Tue	3571	1066	Oct	16	Mon
Opportunity (USA)	2003	Jul	8	Tue	3571	1066	Oct	42	Sat
Nozomi flyby	2003	Dec	14	Sun	3571	1066	Jan	30	Mon
Mars Express Orbiter ‡	2003	Dec	25	Thu	3571	1066	Jan	40	Thu
Spirit Rover	2004	Jan	4	Sun	3571	1066	Jan	50	Sun

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Event*	Gregorian Calendar				Martian Calendar				
					MY	AD/BC	Date		
Opportunity Rover ‡	2004	Jan	25	Sun	3571	1066	Feb	14	Sat
Rosetta (ESA)	2004	Mar	4	Thu	3571	1066	Feb	52	Tue
Mars Reconnaissance Orbiter (USA)	2005	Aug	10	Wed	3572	1067	Dec	6	Mon
MRO orbit ‡	2006	Mar	10	Fri	3573	1068	Mar	48	Fri
Mars Global Surveyor shut off	2006	Nov	2	Thu	3573	1068	Jul	54	Thu
Rosetta flyby	2007	Feb	25	Sun	3573	1068	Sep	54	Thu
Phoenix (USA)	2007	Aug	4	Sat	3573	1068	Dec	42	Sat
Dawn (USA)	2007	Sep	27	Thu	3573	1068	Jan	38	Tue
Phoenix – Scout Lander ‡	2008	May	25	Sun	3574	1069	May	53	Sun
Dawn flyby	2009	Feb	17	Tue	3574	1069	Oct	33	Mon
Spirit shut off	2011	May	25	Wed	3575	1070	Jan	2	Mon
Fobos-Grunt (Russia) and Yinghuo-1 (China) †	2011	Nov	8	Tue	3576	1071	Mar	56	Wed
Mars Science Laboratory (USA) ¶	2011	Nov	26	Sat	3576	1071	Apr	17	Sat
MSL–Curiosity Rover arrives	2012	Aug	6	Mon	3576	1071	Aug	40	Mon
MAVEN (USA) – planned	2013	Nov	18	Mon	3577	1072	Apr	52	Tue

Notes:

Summary: 23 missions failed; 20 successful of which 5 are active; 1 en-route, and 1 planned; 45 total missions.

**Events for space probes are launches unless otherwise noted.*
† *Mission failed*
‡ *Mission currently active*
¶ *Mission en-route*

Sources:

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NASA, 2011. Chronology of Mars Exploration, http://nssdc.gsfc.nasa.gov/planetary/chronology_mars.html, 1 January 2012.

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From 'A Calendar for Mars' by Rev. George D. Lardas.

http://fortnightlyreview.co.uk/2012/08/martian-calendar/