Astro-historical timeline 10:
The Age of Revolutions
Waning Neptune-Pluto hemicycle 1644-1892

Key:
* = a period of change or a general trend
? = an uncertain date

1644	CHINA: rebel Li Tzu-cheng takes Beijing; Ming Dynasty ends; Manchus invade, overcoming rebels	**1644 NE OPPN PL** Sg Ge	
+	CHINA: MANCHUS FOUND CH'ING DYNASTY in N China (covering all China by 1652)		
+	GERMANY: French occupy Rhineland; BRITAIN: Parliament overcomes Royalists (except in SW England)		
+	* C ASIA: Potala, Dalai Lama's residence at Lhasa, Tibet, being built		
1645	EUROPE: HRE loses to French at Alerheim & to Swedes at Jankau (Bavaria & Austria threatened)	**1645 NE OPPN PL** Sg Ge	
+	BRITAIN: Civil War: Battle of Naseby, Parliament wins control of all England; rise of Oliver Cromwell		
+	MED'N: Ottomans & Venice (again) at war over possession of Crete		
+	BRITAIN: scientists hold regular meetings in London (prelude to Royal Society, 1662)		
1646	EUROPE: Swedes take Prague; dual invasion of Bavaria (Thirty Years War closing)	**1646 NE OPPN PL** Sg Ge	1646 UR Sg
+	BRITAIN: Civil War ends with surrender of Oxford; Parl't presents terms, Charles tries to flee		
+	CHINA: many Chinese rally to support Ch'ing Dynasty; Chinese generals take S China for Ch'ing		
+			
1647	BRITAIN: Cromwell suppresses mutiny of mutinous Parliamentary 'Levellers' at Burford	**1647 NE OPPN PL** Sg Ge	
+	ITALY: revolts in Naples against Spanish rule, led by Masaniello; order restored 1648		
+	RUSSIA: Moscow revolt against Alexis I, Czar (1645-76)		
1648	EUROPE: Peace of Westphalia ends THIRTY YEARS WAR; (carve-up of Europe, HRE disintegrates,	**1648 NE OPPN PL** Sg Ge	
+	secular states & religious toleration, Swedish expansion; new European balance of power)	**1648 UR OPPN PL** Sg Ge	
+	BRITAIN: Cromwell defeats Scots Royalist supporters at Preston; royal concessions rejected	1648 Sa OPPN UR Ge Sg	
+	FRANCE: FRONDE REBELLION of nobles, judges & people of Paris & other towns, to 1653	1648 Sa OPPN NE Ge Sg	
+	MIDEAST: Turkish Jew Shabtai Zvi announces himself the Messiah (stirring unrest in E Europe)		
1649	BRITAIN: trial & execution of Charles I: Commonwealth declared; business interests favoured	1648 Sa CONJ PL Ge Ge	
+	IRELAND: Cromwell invades, suppressing revolts at Drogheda & Wexford; occupation to 1660	1649 Sa OPPN UR Ge Sg	
+	OTTOMANS: Mohammed IV, Ottoman sultan (1649-87, Ottoman power in hands of Janissaries)	**1649 UR OPPN PL Sg Ge**	
+	FRANCE: confusion grows during Fronde rebellion	1649 Sa OPPN NE Ge Sg	
+		1649 UR on S Node	
1650	* JAPAN: beginnings of popular literary culture in Japan	**1650 UR CONJ NE** Sg Sg	
+	BRITAIN: Cromwell occupies Scotland, defeating Royalists at Dunbar		
+	N AMERICA: Anglo-Dutch agreement over frontiers (beginnings of Indian vs colonist frictions)		
+	BRITAIN: Hobbes at work on jurisprudence; tea arrives in England		
1651	BRITAIN: Charles II crowned in Scotland, flees after defeat by Cromwell at Worcester		
+	FRANCE: Mazarin overpowered, leaves; Parlement grows in power; Louis XIV comes of age		
+	JAPAN: rebellions in Edo, Yetuna, Shogun (1651-80) suppresses them, strengthens rule		
+	BRITAIN: Hobbes' "Leviathan" (defending absolute monarchy); anti-Dutch Navigation Act		
1652	W EUROPE: first Anglo-Dutch War, English victorious (beginning of the Dutch decline)		
+	S AFRICA: Cape Colony (Capetown) founded (by the Dutch, as provisioning station and colony)		
+	BRITAIN: Parliament offers pardon to Royalists; first coffee house opens in City of London		
+	FRANCE: provisional Fronde gov't in Paris; Louis XIV recalls Mazarin, sets up government		
1653	INDIA: Taj Mahal completed at Agra, India, initiated by Shahjahan		1653 UR Cp
+	FRANCE: end of Fronde rebellion		
+	BRITAIN: Oliver Cromwell (1599-1658) Lord Protector; English defeat Dutch in 3 sea battles		
+			
1654	RUSSIA: Cossack allegiance changes, Ukraine passes from Polish to Russian rule		
+	S AMERICA: Portuguese drive Dutch out of Brazil; sugar trade continues through Amsterdam		
+	W EUROPE: Treaty of Westminster ends Anglo-Dutch war (in England's favour)		
+	SCANDNVA: Kristina becomes Cath, abdicates; Anglo-Swed trading accords; Oxenstjerna dies		
1655	BRITAIN: Cromwell dissolves Parliament, virtual dictator; bans Anglican services		

+	N EUROPE: 1st Northern War: Sweden invades Poland, Great Elector invades Prussia		
+	AMERICAS: British take Jamaica; BRITAIN: Cromwell first 'architect of British Empire'		
+	WORLD: BEGINNING of MAJOR EXPANSION of ENGLISH COLONIALISM and economic expansion		
1656	INDIA: Aurangzeb, Mughal emperor (1656-1707) expands Mughal empire to greatest extent		1656 NE Cp
+	ITALY: St Peter's in Rome completed by Bernini; famine & plague kills 400,000		1656 NE Cp
+	N EUROPE: Sweden & Brandenburg form alliance, Swedes ceding Prussia to Great Elector		
+	FRANCE: opening of Hopital General, Paris, hospital, poorhouse & factory		
1657	BRITAIN: Cromwell's power grows; chocolate introduced to London	1657 UR -qcx PL Cp Ge	1657 NE Cp
+	N EUROPE: Sweden at war with Denmark, Russia, Austria & Poland; Brandbg allies Poland		
+	AUSTRIA: Leopold I elected HRE (1658-1705)		
+	INNOVN: Huygens develops the pendulum clock		
1658	N EUROPE: Peace of Roskilde: SWEDISH EMPIRE AT ITS ZENITH	1658 UR -qcx PL Cp Ge	
+	BRITAIN: death of Oliver Cromwell, Lord Protector (1653-8), succeeded by son, who fails		
+	SCANDNVA: Swedes beseige Copenhagen; Sweden begins circulation of banknotes		
+	GERMANY: foundation of Rhineland League, with French protection		
1659	W AFRICA: French found trading post on Senegal coast		
+	E EUROPE: Great Elector drives Swedes out of Prussia (Prussian identity growing)		
+	W EUROPE: peace between France & Spain; Louis XIV takes control 1661, on death of Mazarin		
+	INDIA: beginning of Hindu Maratha expansion from W Deccan (1659-70) eventually superseding Moghuls)		
+	BRITAIN: Samuel Pepys, diarist (1633-1703), at peak of work 1660-70		
+	CHINA: Manchus complete invasion and reunification of China		
1660	FRANCE: CLASSICAL PERIOD of FRENCH ARISTOCRATIC CULTURE		1660 UR Aq
+	BRITAIN: Parliament invites Charles II back; coronation of Charles II, K of England (1661-85)		
+	EUROPE: Peace of Oliva ends war between Austria, Poland, Sweden & Brandenburg		
+	SCANDNVA: Peace of Copenhagen ends Swedish-Danish war; Karl XI, king of Sweden (1660-97)		1661 UR Aq
1661	SE ASIA: king Narai of Siam (1661-88, with Greek adviser) asks French aid to expel Dutch		
+	INDIA: widespread famines, through lack of rain for three years; English base set up in Bombay		
+	BRITAIN: Cavalier Parliament meets; Evelyn criticises London's air pollution		
+	IDEAS: Boyle defines chemical elements; Royal Society (for scientists) chartered 1662		
1662	AFRICA: Bt of Ambuila: Portuguese destroy Kongo kingdom; Bambara kgdms dominate W Africa	1662 UR -sqt PL Aq Ge	
+	CHINA: K'ang-hsi, Ch'ing emperor (age 8, 1662-1722); Ming loyalists take Taiwan from Dutch, until 1683		
+	W EUROPE: England sells Dunkirk to France; FRANCE: building of Palace of Versailles		
+	INNOVN: Boyle's research on gases; Guericke develops an air pump		
1663	OTTOMANS: Ottomans declare war on Austria, invading Hungary & Transylvania (unsuccessful longterm)	1663 UR -sqt PL Aq Ge	
+	N AMERICA: St Lawrence colonies formally organised as New France, capital Quebec		
+	INNOVN: Guericke makes a frictional electric machine; Descartes' writings banned by Pope		
+	BRITAIN: Charles II busy: many changes in England & colonies		
1664	N AMERICA: New Amsterdam taken by British from the Dutch (renamed New York)	1664 Sa OPPN PL Sg Ge	
+	E EUROPE: Austrians beat Ottomans at Raab (Ottoman threat to Europe ended)		
+	N AMERICA: English annex New Netherlands, resettling Conn to Maryland (Anglo dominance in N Am)		
+	* BRITAIN: strong restrictions being put on Nonconformists in England		
1665	W EUROPE: second Anglo-Dutch war, British win (Dutch influence further weakened)	1665 UR +ssx NE Aq Cp	
+	IBERIA: English help Portuguese to defeat Spain and secure Portugal's independence		
+	* ARTS: Bernini & Christopher Wren (architects), Rembrandt & Vermeer (painters), at work		
+	IDEAS: Newton (1642-1738) invents differential calculus; Grimaldi's "Diffraction of Light"		
1666	FRANCE: Academie Francaise founded in Paris	1666 UR +ssx NE Aq Cp	
+	BRITAIN: Great Fire of London; preceded by plague 1664		
+	RUSSIA: Great Schism in Russian Orthodox church; Russia gains Smolensk & Kiev from Poland		
+	IDEAS: Newton's "Laws of Gravitation"		
1667	* FRANCE: beginning of French expansion under Louis XIV, le Roi Soleil	1667 UR -tri PL Aq Ge	
+	BENELUX: French invade Habsburg Netherlands (seeking new border on Rhine)	1667 Sa CONJ NE Cp Cp	
+	W EUROPE: Peace of Breda between France, Holland & England		
+	BRITAIN: Milton's "Paradise Lost"; "Paradise Regained", 1671		
+	SE ASIA: Dutch conquer the wealtyh spice Sultanate of Macassar		
1668	W EUROPE: Peace of Aix-la-Chapelle (France coerced by Engl, Holl & Swed to end aggression)	1668 UR -tri PL Aq Ge	1668 UR Pi
+	INDIA: Bombay under control of British East India Co (rise of Eng econ influence in India)		1668 PL Cn
+	INNOVN: Italian scientist Borelli attempts to fly (using artificial wings)		
+	AFRICA: rise of Bambara kingdoms (1660s, in Nigeria, replacing Mandingo kingdom)		
1669	MED'N: Ottomans take Crete, last colony of Venice (Venice in decline)		1669 UR Pi

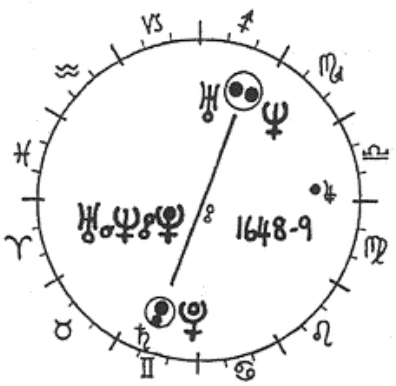
+	INDIA: Moghul Aurangzeb bans Hindu faith (forced conversion to Islam); rebellions; famine, 3m die		1669 PL Cn
+	N EUROPE: last congress of the Hanseatic League (end of a medieval trading confederation)		
+	INNOVN: geology formalised by Steno; phosphorus made by Brand; insects studied by Swammerdam		
1670	W EUROPE: France occupies Lorraine (Louis XIV's expnsion of borders policy)		1670 PL Cn
+	N AMERICA: Hudson's Bay colony founded (Rupert's Land)		1670 NE Aq
+	BENELUX: William of Orange becomes Captain General of United Dutch Provinces		
+	RUSSIA: rebellion of Ukrainian Cossacks (led by Stenka Razin) suppressed		
1671	SE ASIA: Javanese succession struggles make Java dependent on Dutch aid	1671 Sa CONJ UR Pi Pi	1671 NE Aq
+	BRITAIN: formation of Whig & Tory political parties; est of Habeas Corpus (right to trial)		
+	BRITAIN: Sir Christopher Wren's 'Monument' starts rebuilding of churches & buildings in London		
+	CHINA: Ch'ing emp K'ang Hsi's Holy Edict enforces Confucian conduct rules (Jesuit inspired)		
+	N AMERICA: English explorers cross the Appalachian mountains (beginning of opening up of West)		
1672	SE ASIA: French thrown out of Siam by King Narai (reaction to French garrisons at Bangkok)	1672 NE -qcx PL Aq Cn	
+	W EUROPE: third Anglo-Dutch war, Dutch largely win; French attack Holland, Dutch flood polders		
+	BRITAIN: economic problems in England; Crown payments stopped for one year		
+	INNOVN: Leibnitz invents a calculating machine		
1673	EUROPE: Austria declares war on France	1673 NE -qcx PL Aq Cn	
+	E EUROPE: Ottoman attack on Poland 1672, Poles beat Ottomans at Bt of Khorzim		
+	N AMERICA: French explorers reach top of Mississippi river (opening trade with Midwest Indians)		
+	BRITAIN: Test Act forbits Catholics to have official posts in England		
1674	N AMERICA: Holland & Sweden formally cede New York & New Sweden to England	1674 NE on S Node	
+	W EUROPE: French army wrecks the Palatinate (Mainz)	1674 UR +ssq NE Pi Aq	
+	BENELUX: Dutch office of Stadtholder (William of Orange) becomes hereditary		
+	INDIA: Maratha Sivaji Bhonsla declares independence of Aurangzeb's declining Mughal empire		
1675	* CHINA: CH'ING PEACE & PROSPERITY for 100 years, after suppression of rebel Three Feudatories	1675 UR +ssq NE Pi Aq	
+	N EUROPE: Brandenburg beats Sweden at Fehrbellin (Prussia beats Europe's greatest milit power)		
+	W EUROPE: Louis XIV lends Charles II of England money to overcome Parliamentary resistance		
+	N AMERICA: major native American revolts against European colonists		
+	IDEAS: Spinoza's "Ethics", Newton's "Opticks", Leibnitz's Calculus, Roemer on speed of light		
1676	N AMERICA: Nathaniel Bacon gathers support in Virginia for a revolt against English rulers		1676 UR Ar
+	INNOVN: Greenwich Observatory opened, under direction of John Flamsteed, astronomer royal		
+	INNOVN: Leeuwenhoek researches spermatozoa		
+			
1677	E EUROPE: Great Elector takes Baltic ports of Ruegen, Stettin, Stralsund (carving of Prussia)		
+	AMERICA: crisis in New England as it develops its own economy & identity		
+	INNOVN: introduction of ice cream to fashionable Paris		
+	IDEAS: Kristiaan Huygens' work on light; John Bunyan's "Pilgrims Progress"		
1678	BRITAIN: rise of anti-Catholic feelings & trials in England; the 'Popish Plot'	**1678 UR -SQR PL Ar Cn**	
+	W EUROPE: Peace of Nijmegen between France, Holland & Habsburgs		
+	C EUROPE: rebellion of Hungarians against Habsburg Austria, behind Emeric Tokolyi		
+	N EUROPE: Sweden at war with Russia, Brandenburg, Denmark, Holland		
+	C ASIA: Khanate of Kokand (W Turkestan) takes Khanate of Kashgar (control of Silk Road)		
1679	N EUROPE: Peace between Sweden, Denmark & Brandenburg	**1679 UR -SQR PL Ar Cn**	
+	IBERIA: waning Habsburg influence in Spain strengthened by Marie of Austria		
+	N AMERICA: creation of New Hampshire as separate province to Massachusetts		
+	INNOVN: Halley's "Catalogue of the Southern Stars"; first German coffee-house in Hamburg		
+	INDIA: war between Muslim Moghuls and Hindu Rajputs (1679-1709, growing religious polarisation)		
1680	N AMERICA: French colonise upper Mississippi from Great Lakes; English take Pennsylvania	**1680 UR -SQR PL Ar Cn**	
+	SCANDNVA: Karl XI, king of Sweden (1660-97) creates absolute monarchy	1680 Sa CONJ PL Cn Cn	
+	GERMANY: Maximilian Emanuel, Elector Bavaria (1680-1726); JAPAN: Tsunayoshi, Shogun (1680-1709)		
+	BRITAIN: Robert Filmer's "Natural Power of Kings"; Sir William Temple's "Essay on Government"		
1681	EUROPE: Brandenburg forms defence alliances with France & Sweden	1681 UR +sxt NE Ar Aq	
+	EUROPE: meeting of the first European Congress at Frankfurt-am-Main (European consciousness)		
+	BRITAIN: cheques brought into use; Chelsea Hospital founded for wounded & pensioned soldiers		
+	* CHINA: K'ang Hsi strengthens Mandarin heirarchy, foreign trade, intellectual repression		
+	N AMERICA: La Salle explores the length of the Mississippi for France (start of French Louisiana)		
1682	C EUROPE: anti-Austrian rebel leader Emeric Tokolyi in Hungary supported by Ottomans	1682 UR +sxt NE Ar Aq	
+	FRANCE: forced conversion of 60,000 Huguenots; Versailles becomes Louis XIV's royal seat	1682 PL on N Node	
+	BENELUX: weaving factory established in Amsterdam, with 100 looms (prelude to industrial rev'n)	1682 HALLEY'S COMET	
+	N AMERICA: founding of Pennsylvania by William Penn		

1683	C EUROPE: Ottoman seige of Vienna (Europe at risk); ended by intervention of Poland & Lorraine	1683 UR +sxt NE Ar Aq	1683 UR Ta
+	W EUROPE: Spain, Austria, Holland & Sweden ally against France	1683 Sa OPPN NE Le Aq	
+	CHINA: Manchu Ch'ing conquer Taiwan (held to 1895); Dutch traders established in Canton/Guangzhou		
+	N AMERICA: treaty between Quaker Wm Penn (1644-1718) & Indians; first German settlers arrive		
1684	C EUROPE: Holy League formed against Ottomans by Austria, Poland & Venice	1684 UR +sxt NE Ar Aq	1684 UR Ta
+	SE ASIA: Sultanate of Bantam (Java) comes under Dutch control, English expelled (spice trade)	1684 Sa OPPN NE Vi Pi	1684 NE Pi
+	GERMANY: Elector of Brandenburg offers refuge to Fr Huguenots; anti-Jewish mvmnt in Bordeaux		
+	N AMERICA: Eng king annuls Massachusetts Charter ("Puritan insubordination")		
1685	CHINA: ports opened to foreign trade; English establish trade between India & China	1685 NE -sqt PL Pi Cn	1685 NE Pi
+	BRITAIN: Pitchfork Rebellion defeated at Bt of Sedgemoor; Judge Jeffreys' 'Bloody Assizes'		
+	FRANCE: Louis XIV exiles thousands of Huguenots by revoking Edict of Nantes (1598)		
+	BRITAIN: England receives many Huguenots, bringing with them textile industries		
1686	N AMERICA: English colonies reorganised with formation of Federation of New England	1686 NE -sqt PL Pi Cn	
+	C EUROPE: Holy League (Duke of Lorraine) take Buda from Ottomans; Russia at war with Ottomans		
+	N AMERICA: French settlers in Texas; La Salle explores & claims Mississippi river & Louisiana		
+	W AFRICA: Brandenburg establishes a colony at Guinea		
1687	BRITAIN: religious liberalisation in England, with James II's Declaration of Indulgence	1687 NE -sqt PL Pi Cn	
+	C EUROPE: Bt of Mohacs, Ottomans beaten decisively by Holy League (weakening of Turkey)		
+	C EUROPE: Hungarian crown recognised as hereditary to Austrian Habsburgs		
+	IDEAS: Newton's "Principia" published; Sloane's botanical collections started; plate glass		
1688	BRITAIN: 'Glorious Revolution' ests const monarchy under William of Orange; James II flees	1688 NE -sqt PL Pi Cn	
+	E EUROPE: Belgrade occupied by Austrians (Ottoman retreat); Ottoman Athens bombed by Venice		
+	GERMANY: France invades Palatinate (in war to limit Austrian Habsburg power)		
+	* INDIA: friction between Mughals in north and Marathas in south, growing chaos in India		
+	SE ASIA: revolt in Ayutthaya (Siam) overthrows monarchy, excludes foreigners		
1689	EUROPE: Grand Alliance against Louis XIV (general increase of war in Europe)	1689 UR -sxt PL Ta Cn	
+	BRITAIN: William III & Mary, K & Q of England & Scotland (1690-1702); Declaration of Rights	1689 NE -sqt PL Pi Cn	
+	RUSSIA: Peter the Great, Czar of Russia (1689-1730)		
+	N AMERICA: angry Iroqouis indians massacre French settlers near Montreal		
1690	IRELAND: William III defeats Catholics at Bt of the Boyne (fuelling Prot-Cath rivalry)	1690 UR -sxt PL Ta Cn	1690 UR Ge
+	IDEAS: Joseph Locke's "Two Treatises on Gov't" (lays way for constitutional monarchy)		
+	INDIA: British East India Trading Co establishes trading centre at Calcutta, Bengal		
+	* BRITAIN: Britain now the leading trading & financial power in the world (until 1914)		
1691	IRELAND: Irish rebellion ends with the Treaty of Limerick	1691 Sa OPPN UR Sg Ge	1691 UR Ge
+	C EUROPE: Transylvania absorbed into Habsburg Austrian empire		
+	IDEAS: Leibnitz' "Protagaea" on geology; Locke's "Concerning Human Understanding"		
+	IDEAS: Huygens' wave theory of Light		
+	C ASIA: revolts of Dzungar Mongols against Ming China (1690-96, crushed)		
1692	W EUROPE: English navy destroys French navy at La Hogue (ending risk of French invasion)	1692 Sa OPPN UR Sg Ge	1692 PL Le
+	BRITAIN: Glencoe Massacre of Clan MacDonald by pro-English Clan Campbell		
+	CHINA: edict of toleration for Christians; N AMERICA: Salem witchcraft trials (New England)		
+	BRITAIN: Bank of England established in London (Sir Isaac Newton); creation of National Debt		
1693	W AFRICA: Bt of Lagos, French defeat an English merchant fleet off Nigeria	1693 UR on N Node	1693 PL Le
+	ITALY: Knights of the Apocalypse founded to counter the Antichrist		
+	FRANCE: Louis XIV begins a policy of peace, with a reconciliation with the Pope		
+	S AMERICA: gold & diamonds discovered in Brazil; Kingston, Jamaica founded (after an earthquake)		
1694	PERSIA: Hussain, Shah of Persia (1694-1721)	1694 UR -ssq PL Ge Le	1694 PL Le
+	W EUROPE: English & Dutch (William III) assault on French Channel ports & borders		
+			
+			
1695	BRITAIN: end of press censorship in England	1695 UR -ssq PL Ge Le	
+	RUSSIA: Peter the Great fails in war against Ottomans, attends to home affairs		
+	BRITAIN: taxes on windows & salt, and new coinage in England; Royal Bank of Scotland founded		
+	RUSSIA: Russians sent to Europe to study, Peter following in 1697 & 1716 (westernisation of Russia)		
1696	RUSSIA: Peter the Great beats Ottomans, takes Azov (access to Black Sea); Russians take Kamchatka	**1696 UR +SQR NE Ge Pi**	
+	BRITAIN: Habeas Corpus suspended in England; Daniel Defoe proposes income tax		
+	* FRANCE: Louis XIV's Versailles court acts as a model for European aristocracy		
+	* W AFRICA: rise of the Ashanti empire (Gold Coast)		
1697	E ASIA: Manchus occupy Outer Mongolia, defeating Oirat Mongols, attacking Panchen Lama at Urga	**1697 UR +SQR NE Cn Ar**	1697 NE Ar
+	SCANDNVA: Karl XII, king of Sweden (1697-1718) (temp extends Swedish terr to greatest extent)	1697 Sa OPPN PL Aq Le	1697 UR Cn

+ W EUROPE: Treaty of Ryswyck between France & England
+ C AMERICA: last remnants of Maya culture destroyed by Spaniards in Yucatan, Mexico

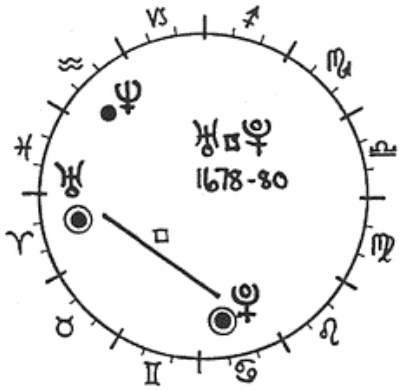
1698 RUSSIA: rebellion in Moscow of absent Peter the Great's Streltsi guards, subsides **1698 UR +SQR NE Ge Pi** 1698 NE Ar
+ GERMANY: George Louis, Elector of Hanover (1698-1725) (future George I of England) 1698 UR Cn
+ * GERMANY: gradual rise of Prussian militarism, army trained by Leopold of Anhalt-Dessau
+ BRITAIN: founding of Society for the Promotion of Christian Knowledge (SPCK) by Thomas Bray
+ E AFRICA: Omani Arabs est Sultanate of Zanzibar (to control E African & Indian Ocean trade)

1699 C EUROPE: Treaty of Karlowitz: Ottomans make peace with Holy League; Habsburgs gain Hungary **1699 UR +SQR NE Cn Ar**
+ E EUROPE: Treaty of Preobrazhenskoe: Swedish empire partitioned by Den, Russia, Poland, Saxony
+ SCANDNVA: Frederick IV, king of Denmark (1699-1730)
+ BRITAIN: Billingsgate market opened

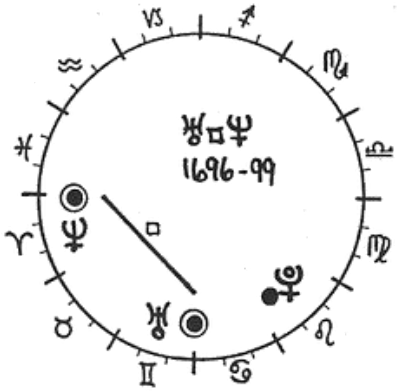


Neptune opposition Pluto, 1644-48
Uranus conjunct Neptune 1650
Uranus opposition Pluto 1648-49

European High Baroque period; Manchu Ch'ing dynasty takes power, China; Protestant gains, end of Thirty Years' War (Germany destroyed); Fronde Rebellion, France; Swedish zenith, controlling Baltic lands; English Civil War (Cromwell, war & repression in Wales & Ireland, massacre of Catholics in Ulster); peak of Mughal empire, India (Shahjahan, Taj Mahal built); Cape Colony founded by Dutch; classical French aristocratic period; cotton products manufactured in Manchester (seed of industrial revolution); age of engineers, inventors, philosophers & scientists takes off; zenith in Tibet (building of Potala); Jewish messianic movement of Shabtai Zvi, Turkey; beginning of friction between colonists & native Americans, N America



Uranus square Pluto 1678-80
Peace & prosperity in Manchu China; growth of New England as a proto-nation; first European Congress (diplomacy); scientific revolution; expansion of Prussia (Prussian militarism); French colonisation of Great Lakes & Mississippi



Uranus square Neptune 1696-99
English growth - Bank of England, leading trading nation; state of Ashanti, W Africa; chaos in India (wars & revolts); German Baroque period; War of Spanish Succession (first global war); weakening of Ottomans; final destruction of Mayans, Yucatan, by Spanish; Arab control of E African trade ports

1700 * GERMANY: PEAK of GERMAN BAROQUE: Buxtehude, Handel, JS Bach, Pachelbel 1700 UR -ssx PL Cn Le
+ N EUROPE: Great Northern War, until 1720; Saxons take Livonia; Sweden beats Russia at Narva
+ INDIA: chaos in INDIA: Marathas ravage Deccan; Rajput civil war; Sikh, Jat & Satnami revolts
+ IBERIA: end of the Spanish Habsburgs; Philip V (Bourbon), king of Spain (1700-46)

1701 GERMANY: Elector of Brandenburg crowns himself Frederick Wm I, K of Prussia (1700-32, 'drill-master')
+ EUROPE: War of Spanish Succession begins (the first 'world war', over balance of power fears)
+ W EUROPE: Louis XIV challenges English succession, proposing James II's son as king
+ IDEAS: Bernoulli's "Theory of Probability" (statistics); Collier's "Dictionary"
+ W AFRICA: warrior kgdm of Asante grows under Osei Tutu (later a major anti-Euro power)

1702 BRITAIN: Anne, Queen of England (1702-14); Duke of Marlborough becomes Captain-General of army
+ E EUROPE: Northern war: Karl XII of Sweden overruns Poland; beats Russians 1703
+ FRANCE: rebellion of 'Camisard' Huguenot peasants; France exhausted by continual warring

+	EUROPE: serfdom abolished in Denmark; oil lighting becoming common in German towns		
1703	RUSSIA: St Petersburg founded, giving Russia access to Baltic (becomes Russian capital 1712)	1703 Sa CONJ NE Ar Ar	
+	W EUROPE: English (Marlborough) & Austrian (Prince Eugene) forces advance on Germany		
+	IBERIA: Habsburg Archduke Charles proclaimed king of Spain; Anglo-Portuguese treaty in Lisbon		
+	BRITAIN: Sir Isaac Newton becomes president of the Royal Society		
1704	GERMANY: Marlborough & Prince Eugene meet, defeat France & Bavaria at Bt of Blenheim	1704 NE -tri PL Ar Le	1704 UR Le
+	MED'N: English take Gibraltar (to establish naval base against Spain in Med'n)		
+	N AMERICA: French settlers involve Iroquois Indians in attacks on English settlers		
+	ARTS: JS Bach writes first cantata; Handel's "St John's Passion"		
1705	RUSSIA: rebellion in Astrakhan against Peter the Great's westernisation	1705 NE -tri PL Ar Le	1705 UR Le
+	IBERIA: English navy takes Barcelona; N AFRICA: Tunisians throw off Ottoman rule		
+	IDEAS: Sir Edmund Halley correctly predicts Halley's Comet's return in 1758 (last seen 1682)		
+	IDEAS: "Vossiche Zeitung" Berlin; "Boston News Letter" Mass; "Daily Courant" & "Review" London		
1706	EUROPE: Karl XII beats Russia & Saxony; Marlborough conquers Span Neths, Eugene beats French	1706 NE -tri PL Ar Le	
+	N AMERICA: French & Spanish attempt to take Carolina (bordering Louisiana & Florida		
+			
+			
1707	* INDIA: DECLINE OF MOGHUL EMPIRE BEGINS: death of Aurangzeb; Bahadur Shah succeeds	1707 NE -tri PL Ar Le	
+	INDIA: Sikh rebellions in Punjab, led by Guru Gobind Singh, defeated by Moghuls		
+	BRITAIN: Act of Union of England & Scotland, under name Great Britain		
+	JAPAN: Mt Fujiyama erupts for the last time		
+			
1708	W EUROPE: Marlborough (Britain) & Eugene (Austria) defeat France at Bt of Oudenarde	1708 NE -tri PL Ar Le	
+	E EUROPE: Karl XII (Sweden) invades the Ukraine		
+	RUSSIA: Peter the Great reorganises Russian regions (to improve governance)		
+	BRITAIN: lexicographer Collier's "Ecclesiastical History of Britain"		
1709	E EUROPE: Bt of Poltava: Russians decisively defeat Karl XII (turning point for Swedish empire)	1709 NE -tri PL Ar Le	
+	W EUROPE: Marlborough & Eugene campaign in Belgium, beating French at Bt of Malplaquet	1709 UR +tri NE Le Ar	
+	C ASIA: Afghans of Kandahar rebel against Persian Safavid rule, gaining independence		
+	INNOVN: Darby discovers coke-smelting techniques for producing pig iron in England		
1710	INNOVN: Le Blon, engraver, develops three-colour printing in Germany	1710 UR +tri NE Le Ar	1710 UR Vi
+	EUROPE: various European wars lapse into complexity and stalemate, losing direction	**1710 UR CONJ PL** Le Le	1710 PL Vi
+	RUSSIA: newly-built St Petersburg becomes capital of westernising Russia	1710 NE -tri PL Ar Le	
+	* GERMANY: constant warring stimulates emigration to N America		
1711	BRITAIN: Duke of Marlborough dismissed as C-in-C; Tories (Bolingbroke) take power	1711 UR +tri NE Le Ar	1711 PL Vi
+	C EUROPE: Charles VI of Austria (1711-40) (conciliatory to Euro powers & Hungary)	1711 NE -tri PL Ar Le	1711 UR Vi
+	E EUROPE: war between Russia and Ottomans in Black Sea environs		1711 NE Ta
+	N AMERICA: war between Carolina settlers & Tuscarora; British gain Acadia (Nova Scotia) from French		
1712	EUROPE: opening of Utrecht Peace Congress, to end War of Spanish Succession	1712 UR +tri NE Vi Ta	1712 NE Ta
+	C EUROPE: Swiss civil war of religion ends with the Treaty of Aarau	1712 NE -tri PL Ta Vi	1712 PL Vi
+	EUROPE: last execution for witchcraft in England; witch trials abolished in Prussia		
+	INDIA: war of succession between Moghul Shah Bahadur's four sons		
1713	EUROPE: TREATY OF UTRECHT: Span Euro posessions to Austria; Bourbon Philip K of Spain; British	1713 NE -tri PL Ta Vi	
+	gains in colonies & monopoly of slave trade; Habsburg losses (new order in bal of power)	1713 Sa CONJ PL Vi Vi	
+	* EUROPE: PERIOD of EUROPEAN CABINET POLITICS (1713-48 and after)		
+	N EUROPE: capitulation of Sweden at Oldenburg; Karl XII Ottoman prisoner (Swedish power broken)		
*	W AFRICA: British gain 30-year monopoly of slave trade (peak of slaving in Africa)		
1714	EUROPE: Austria fights on, then French-Austrian treaties of Rastatt & Baden (HRE accepts new order)	1714 NE -tri PL Ta Vi	
+	N EUROPE: Russia invades Finland; Karl XII released, rides to Stralsund, broken	1714 Sa CONJ UR Vi Vi	
+	BRITAIN: George I, king of Britain (1714-27) (was George Louis, Elector of Hanover)		
+	OTTOMANS: Libya independent; peace treaty with Russia (weakening of Ottoman power)		
1715	FRANCE: Louis XV, king of France (age 5, 1715-74), regent Duc d'Orleans	1715 NE -tri PL Ta Vi	
+	BRITAIN: Jacobite Rebellion, Cath supporters of 'Pretender' James III defeated	1715 UR +sqt NE Vi Ta	
+	N AMERICA: uprising of Indian Yamassee tribes in Carolina against expanding settlers, defeated		
+	* EUROPEAN CULTURE: Rococo style, Georgian architecture, spas, travel, modern diet, music, art		
1716	EUROPE: peace dawning throughout war-weary Europe	1716 NE -tri PL Ta Vi	1716 UR Li
+	C EUROPE: Austria (Eugene) ejects Ottomans from Hungary & Bulgaria (Ottoman decline)	1716 UR +sqt NE Vi Ta	
+	FRANCE: Scottish economist John Law ests Banque Generale & Mississippi Company		
+	INNOVN: Fahrenheit develops mercury thermometer; Anel invents syringe		
+	N AMERICA: Spain occupies Texas (responding to French expansion of Louisiana)		
1717	C ASIA: Mongols occupy C Tibet and Lhasa, destroying a large Chinese army; China regains control	1717 NE -tri PL Ta Vi	1717 UR Li

	1720		
+	EUROPE: Handel's "Water Music"; Bach's "Orgelbuchlein"	1717 UR +sqt NE Vi Ta	
+	GERMANY: compulsory schooling and other reforms being introduced in Prussia		
+	BRITAIN: Mother grand Lodge of Freemasons moves to London		
1718	N AMERICA: Spaniards found government in Texas; French found New Orleans (Mississippi entrepot)	1718 NE -tri PL Ta Vi	
+	EUROPE: Quadruple Alliance between France, Austria, England & Holland	1718 UR +sqt NE Li Ta	
+	SCANDNVA: Karl XII killed in action in Norway (treaty carve-up of Sweden next four years)		
+	BRITAIN: first banknotes in England; Society of Antiquaries founded		
1719	W EUROPE: England & France separately declare war on Spain	1719 NE -tri PL Ta Vi	
+	INDIA: Mohammed Shah Moghul emperor (1719-48) (after succession battles)	1719 Sa OPPN NE Sc Ta	
+	W EUROPE: Liechtenstein becomes independent principality		
+	SCANDNVA: Russians attempt invasion of Sweden over frozen Gulf of Bothnia		
1720	W EUROPE: 'South Sea Bubble' collapse (GB); French national bankruptcy (failure of Law's Miss'pi Co)	1720 NE -tri PL Ta Vi	
+	SCANDNVA: Frederick II, King of Sweden (1720-51) (Sweden engages in no more wars from now)	1720 Sa OPPN NE Sc Ta	
+	N AMERICA: New York increases trade & links with Indians; collective settlement in Vermont		
+	GERMANY: Palatinate court moves from Heidelberg to Mannheim		
1721	RUSSIA: Peter the Great wrests Estonia & Livonia from Sweden; proclaimed Czar of all Russias	1721 NE -tri PL Ta Vi	
+	BRITAIN: Robert Walpole made Chancellor of Exchequer (restoring public financial confidence)	1721 UR +qcx NE Li Ta	
+	N AMERICA: major emigration from Prussia to New England; Swiss settlers introduce rifle	1721 UR +ssx PL Li Vi	
+	EUROPE: Bailey's "Univ Etym English Dictionary"; Jablonski's "Allgemeines Lexikon"		
1722	HRE: succession problems to 1725, over female succession to Habsburg throne (Maria Theresa)	1722 NE -tri PL Ta Vi	
+	PERSIA: Afghans invade Persia, taking Isfahan (retrieved 1726)	1722 UR +qcx NE Li Ta	
+	INNOVN: de Reaumur (Fr) writes on steel-making	1722 UR +ssx PL Li Vi	
+	CHINA: T'u Shu Chi Ch'eng, major Chinese encyclopaedia		
1723	GERMANY: Prussia reorganises governance, ministries & bureaucracy	1723 NE -tri PL Ta Vi	1723 UR Sc
+	* ARTS: Bach (1685-1750), Telemann (1681-1767), Handel (1685-1759) at work	1723 UR +qcx NE Li Ta	
+	* INDIA: Moghul disintegration – states separate from empire: Rohikhand 1721, Oudh & Hyderabad 1724		
+			
1724	C ASIA: China occupies Tsinghai (NE Tibet)	1724 NE -tri PL Ta Vi	1724 UR Sc
+	FRANCE: Paris Bourse opens	1724 UR +qcx NE Sc Ge	1724 NE Ge
+	W AFRICA: growth of kgdm of Dahomey (supported by Euro slave traders)		1724 PL Li
+			
1725	HRE: Treaty of Vienna: succession problems (Pragmatic Sanction) resolved in all Habsburg lands	1725 NE -tri PL Ta Vi	1725 PL Li
+	ARTS: Alexander Pope (1688-1744), Daniel Defoe (1661-1731), Voltaire (1694-1778) at work		1725 NE Ge
+			
+			
1726	CHINA: tribal revolts in Yunnan (SW China)	1726 NE -tri PL Ge Li	
+	E EUROPE: alliance between Russia & Austria against Ottomans (to break Ottoman power in Europe)		
+	ARTS: Jonathon Swift (1667-1758) "Gulliver's Travels"; exiled Voltaire flees to England		
+	BRITAIN: Gen Wade builds military roads in Scottish Highlands (to break power of Clans)		
1727	BRITAIN: George II (1727-60); Gibraltar beseiged unsuccessfully by Spain; Newton dies	1727 NE -tri PL Ge Li	
+	E ASIA: frontiers fixed between Russian E Siberia & China, along river Amur		
+	N AMERICA: American Philosophical Society founded; Quakers demand abolition of slavery		
+	S AMERICA: coffee first planted in Brazil		
1728	PACIFIC: Bering (Dutch) explores Alaska & Bering Strait (ests America & Asia to be separate)	1728 NE -tri PL Ge Li	
+	GERMANY: Treaty of Berlin between Prussia & Austria (becoming equal powers in German world)	1728 UR +ssq PL Sc Li	
+	ARTS: Ephraim Chambers' "Cyclopaedia"; Bach's "St Matthew Passion"; Gay's "Beggar's Opera"		
+	IBERIA: Inquisition suppresses Freemasonry (otherwise Freemasons expand in Europe & America)		
1729	N AMERICA: N & S Carolina become Crown colonies of Britain	1729 NE -tri PL Ge Li	
+	CHINA: Ch'ing emperor Yung Cheng prohibits opium smoking, reduces slavery	1729 UR +ssq PL Sc Li	
+	INNOVN: Stephen Gray researches electrical conductivity; Newton's "Principia" tr to English		
+	MED'N: brief independence of Corsica from Genoa (three years)		
1730	BRITAIN: Methodist Church started by the Wesley brothers at Oxford	1730 NE -tri PL Ge Li	1730 UR Sg
+	* N AFRICA: revival of the ancient empire of Bornu in Sudan		
+	WORLD: Persian Shah murdered; Ottoman Ahmad XII deposed; Prussian crown prince imprisoned		
+	EUROPE: ZENITH of ROCOCO – court art, fashion, drama, furnishings, culture		
1731	GERMANY: exile of Salzburg Protestants, 12,000 received by Prussia, 8,000 to Georgia	1731 NE -tri PL Ge Li	
+	BRITAIN: 10 Downing St & Covent Garden Opera built; emigration prohibited for factory workers		
+	INNOVN: Hadley invents navigational quadrant; zinc-smelting introduced; dieting first suggested		
+	CHINA: Beijing destroyed in earthquake (virtually whole population dies)		

1732	GERMANY: Prussia introduces systematic conscription (precedent)	1732 NE -tri PL Ge Li	
+	N AMERICA: Georgia becomes colony; Oglethorpe founds Savannah, Ga (English foothold in South)	1732 Sa OPPN PL Ar Li	
+	N AMERICA: new sects: Ephrata Community (Baptist), Moravian Brethren, Corp for Prop'n of Gospel		
+	N AMERICA: Shawnee & Delaware Americans migrate west to escape European settlers		
1733	N AMERICA: Georgia incorporated as thirteenth English crown colony in N America	1733 NE -tri PL Ge Li	
+	E EUROPE: war of Polish Succession (gradual disintegration of Poland); Russians take Gdansk	1733 Sa OPPN PL Ar Li	
+		1733 UR on S Node	
+			
1734	MIDEAST: short friction between Ottomans and an unstable Persia	1734 NE -tri PL Ge Li	
+	BRITAIN: Quran translated into English by George Sale		
+	IDEAS: Emmanuel Swedenborg (1688-1772), Swedish engineer & visionary, at work		
+			
1735	ISLAM: WAHHABITE MOVEMENT to purify Islam BEGINS in MECCA (Abd-al-Wahhab 1703-92)	**1735 UR OPPN NE** Sg Ge	
+	BRITAIN: William Pitt the Elder (1708-1778) enters Parliament (future great minister)	1735 NE -tri PL Ge Li	
+	IDEAS: Linnaeus publishes a nomenclature of organic species; Huntsman makes cast steel		
+			
1736	PERSIA: Safavid dynasty deposed by Nadir Shah (1736-47) (stabiliser & moderniser)	**1736 UR OPPN NE** Sg Ge	1736 PL Sc
+	CHINA: Ch'ing emperor Ch'ien Lung (1736-96) (orthodox Confucian, Manchu system ossifies)	1736 NE -tri PL Ge Li	
+	BRITAIN: Porteous riots in Edinburgh; India rubber arrives; witchcraft statutes repealed		
+	EUROPE: Celsius (Fr) explores Lappland; first appendicitis operation; glassmaking in Venice		
1737	ITALY: last of the Medicis dies (Grand Duke of Tuscany) (end of a major Renaissance family)	**1737 UR OPPN NE Sg Ge**	1737 UR Cp
+	BRITAIN: censorship of theatres established in England	1737 NE -tri PL Ge Li	1737 PL Sc
+	INDIA: Calcutta ruined in earthquake, storms destroy 20,000 ships		1737 NE Cn
+			
1738	N AMERICA: frictions between Georgia (Eng) & Florida (Sp); evangelist Wesley moves to Georgia	**1738 UR OPPN NE** Cp Cn	1738 NE Cn
+	E EUROPE: Ottomans advance once more into Balkans, taking Orsova	1738 UR +sxt PL Cp Sc	
+	INNOVN: cuckoo clocks introduced in Bavaria; Bernoulli's principle of hydrodynamics	1738 NE -tri PL Cn Sc	
+	INNOVN: Wyatt invents the roller loom for large-scale spinning	1738 Sa OPPN UR Cn Cp	
1739	S AMERICA: Spaniards found viceroyalty of New Granada (Colombia)	1738 Sa CONJ NE Cn Cn	
+	INDIA: Persian Nadir Shah raids North India & Delhi; Shahjahan's Peacock Throne taken to Persia	1739 NE -tri PL Cn Sc	
+	EUROPE: Hume's "Treatise on Human Nature"; Frederick of Prussia's "Anti-Machiavell"	1739 Sa OPPN UR Cn Cp	
+			
1740	GERMANY: war between Frederick the Great (Prussia 1740-86) & Maria Theresa (Austria 1740-80)	[CHIRON data starts here]	
+	GERMANY: Frederick the Great introduces freedom of worship & of press in Prussia	1740 CH +qcx UR Ge Cp	
+	SE ASIA: Mons tribe rebels against Burmese king, setting up dynasty at Pegu	1740 CH -sqt PL Ge Sc	
+	INDIA: wars by Marathas & Nizam of Hyderabad for control of Carnatic, E India		
1741	C EUROPE: Prussia invades Silesia, France, Saxony & Bavaria occupy Prague; England mediates	1741 PL Peri 10Sc	1741 CH Cn
+	EUROPE: Linneaus founds Uppsala botanical gdns, Sweden; Handel's "Messiah", England	1741 CH -sqt PL Ge Sc	
+	N AMERICA: Russians explore Alaska & California; settlers reach Dakotas; Fr explorers reach Rocky Mts		
+	BRITAIN: Highway Act facilitates major road improvements (coherent road transport policy)		
1742	C EUROPE: Prussia beats Austria, Peace of Berlin lays down terms (rise of Prussia in Germany)	1742 CH CONJ NE Cn Cn	
+	INNOVN: canal building in Germany (Elbe-Havel); cotton factories in Birmingham & Lancashire	1742 CH -tri PL Cn Sc	
+	* CHINA: Ch'ing zenith under Emperor Ch'ien Lung (1736-96) (expansion in Turkestan & Mongolia)		
+			
1743	RUSSIA: religious & political pogroms under Elizabeth, Czarina (1741-62)	1743 CH OPPN UR Cn Cp	
+	W EUROPE: Britain beats France at Bt of Dettingen	1743 CH -tri PL Cn Sc	
+			
+			
1744	INDIA: British (Robert Clive) & French at war over trading in Karnatic; famine in Sind	1744 CH OPPN UR Cn Cp	1744 UR Aq
+	EUROPE: France declares war on Britain & Austria; Austria & Saxony drive Prussia from Prague		1744 CH Le
+	ARABIA: ruling Saudi family converts to Wahhabi teachings (giving weight to Islamic reform)		
+	* JAPAN: Tokugawa rule declines into corruption		
1745	HRE: Maria Theresa's husband Francis elected HRE (1745-65)	1745 CH OPPN UR Le Aq	
+	W EUROPE: Fr defeats Brit, takes Aust Neths; Pr beats Aust, gains Silesia in Treaty of Dresden	1745 CH -SQR PL Le Sc	
+	BRITAIN: Bonnie Prince Charlie lands in Scotland, gets to Derby, forced to retreat	1745 CH +ssx NE Le Cn	
+	INNOVN: von Kleist's capacitor Leyden jar; Alembert on fluid dynamics; Bonnet's "Insectologie"		
1746	CHINA: rebellions of Chin-ch'uan tribes in Szechwan 1746-49, also 1771-6	1746 CH -SQR PL Le Sc	1746 CH Vi
+	BRITAIN: Bonnie Prince Charlie loses at Culloden, flees to France (repression in Scotland)	1746 CH +ssq NE Vi Cn	
+	IDEAS: Denis Diderot's "Pensees Philosophiques"; painter Canaletto (1697-1768) in England	1746 CH -qcx UR Vi Aq	
+	GERMANY: Karl Fred'ck of Baden (1746-1811), reform prince (village self-gov't, abol'n serfdom)		

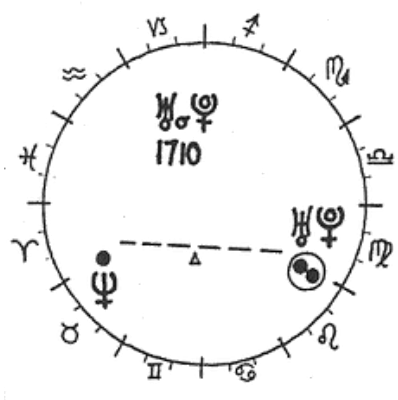
1747	C ASIA: Nadir Shah killed; Shah Rukh of Persia; Ahmad Khan Abdali K in Afghanistan (1747-73)	1747 CH +sxt NE Vi Cn	
+	IDEAS: Benjamin Franklin's "Plain Truth"; Hume's "Concerning Human Understanding"	1747 CH -qcx UR Vi Aq	
+	INNOVN: Marggraf isolates sugar in beets; Euler's "Analysis Infinitorum" (mathematics)	1747 CH -sqt UR Vi Aq	
+	W AFRICA: Oyo (Yoruba, Nigeria) defeats Dahomey, to become main power in Niger delta region	1747 CH -sxt PL Vi Sc	
1748	E EUROPE: Russian troops advance through Bohemia towards Rhine	1748 CH Peri 3Li	1748 PL Sg
+	EUROPE: Peace of Aix-la-Chapelle recognises Austrian Succession, settles war	1748 CH -sqt UR Vi Aq	1748 CH Li
+	INNOVN: Platinum brought to Europe from S America	1748 CH -sxt PL Vi Sc	
+	FRANCE: Montesquieu (1689-1755) "L'Esprit des Lois" (about const monarchy, liberty & justice)	1748 CH -tri UR Li Aq	
1749	N AMERICA: Ohio & Nova Scotia properly settled; Philadelphia Academy founded	1749 CH +SQR NE Li Cn	1749 PL Sg
+	BRITAIN: Britain reorganises its navy (Consolidation Act)	1749 CH -ssq PL Li Sc	1749 CH Sc
+	ARTS: Bach's "Die Kunste der Fuge"; Handel's "Music for Royal Fireworks"	1749 CH -ssx PL Sc Sg	
+		1749 CH -tri UR Li Aq	
1750	E EUROPE: 'Treks of the Swabians', German colonisation of Hungary & Rumania	1750 Sa CONJ PL Sg Sg	1750 CH Sc
+	E EUROPE: Jewish Hassidim sect founded in Carpathians by Baal Shem (1699-1760)	1750 CH -ssx PL Sc Sg	
+	* EUROPE: spread of Neo-Classicism: Gluck (1714-87), Haydn 1732-1809), Mozart (1756-91)		
+	N AMERICA: first playhouse in New York on the Broad Way		
1751	C ASIA: China overruns Tibet, Tsungaria and Tarim Basin (1756-59)	1751 CH -SQR UR Sc Aq	1751 NE Le
+	EUROPE: alliance of Russia, Austria & Britain against Prussia	1751 UR -qcx NE Aq Cn	1751 CH Sg
+	INDIA: French gain control of Deccan and the Karnatic in India		
+	IDEAS: Swedish Linnaeus "Philosophia Botanica" & "Species Plantorum" (biological nomenclature)		
+	EUROPE: the Minuet becomes fashionable as a dance form		
1752	BRITAIN: England adopts the Gregorian calendar, (on new Sept 14, 3-13 omitted, instituted 1582)	1752 CH -SQR UR Sg Pi	1752 UR Pi
+	SE ASIA: Mons rebels capture Bangkok, retreating on arrival of new Burmese leader, Alaungpaya	1752 CH CONJ PL Sg Sg	1752 NE Le
+	INNOVN: Benjamin Franklin invents lightning conductor	1752 UR -qcx NE Aq Cn	
+	IDEAS: David Hume (1711-79) "Principles of Morals" (1751) & "Political Discourses" (1752)	1752 CH +tri NE Sg Le	
+	INDIA: battle for India between French & English: English win Bt of Trichinopoly		
1753	N AMERICA: French from Canada take Ohio valley	1753 UR -qcx NE Pi Le	
+	BRITAIN: Parliament permits naturalisation of Jews; British Museum founded	1753 CH +sqt NE Sg Le	
+	AUSTRIA: Vienna Stock exchange founded		
+			
+			
1754	N AMERICA: French & Indian war, to 1760; English extinguish French N American ambitions	1754 UR -qcx NE Pi Le	1754 CH Cp
+	INNOVN: first iron-rolling mill, Fareham, England		
+	EUROPE: first woman doctor qualifies in Germany at Halle University		
+	BRITAIN: cabinetmaker Chippendale, artists Hogarth (1697-1764) & Gainsborough (1727-88) at work		
+			
1755	SE ASIA: Alaungpaya founds Rangoon, beats Mons tribes & Fr allies, reunites Burma (to 1824)	**1755 UR +SQR PL Pi Sg**	
+	IBERIA: disastrous earthquake in Lisbon; major reconstruction & new industries follow	1755 NE on N Node	
+	IDEAS: Samuel Johnson (1709-84) "Dictionary of the English Language"	1755 CH +qcx NE Cp Le	
+	N AMERICA: French victories over British at Ft Duquesne (Pittsburgh) & Great Lakes (1756)		
+			
1756	EUROPE: near-global SEVEN YEARS WAR begins: Brit & Prussia vs other powers	**1756 UR +SQR PL Pi Sg**	
+	E EUROPE: outnumbered Prussians (Fred the Great) score victories over Saxons & Austrians	1756 Sa OPPN NE Aq Le	
+	INDIA: 'Black Hole of Calcutta': 120 British soldiers die in Bengali prison	1756 CH +qcx NE Cp Le	
+	INDIA: war between British & Nawab of Bengal, Clive retakes Calcutta 1757	1756 CH -sxt UR Cp Pi	
+	INNOVN: cotton velvet first made at Bolton, Lancs; first chocolate factory, in Germany	1756 CH -sxt UR Cp Pi	
1757	INDIA: Bt of Plassey: Robert Clive destroys French influence, gains Bengal, Bihar, Orissa	**1757 UR +SQR PL Pi Sg**	
+	BRITAIN: William Pitt the Elder prime minister (1757-61) (architect of British empire)	1757 Sa OPPN NE Aq Le	
+	EUROPE: Prussia on offensive, allied to Britain	1757 CH +ssx PL Cp Sg	
+	FRANCE: assassination attempt on life of Louis XV by Damiens (then executed)	1757 CH -sxt UR Cp Pi	
+			
1758	ASIA: China occupies East Turkestan (expansionism, plus resistance to Russian threat)	**1758 UR +SQR PL Pi Sg**	1758 CH Aq
+	N AMERICA: British beat French (incl G Washington, Brit officer); 1st Am Synagogue, Newport RI		
+	E EUROPE: Russians invade East Prussia (turn of fortunes for Frederick the Great)		
+	INDIA: Clive becomes governor of Bengal; Dutch influence in India ends		
+			
1759	SE ASIA: Alaungpaya expels British from Burma	1759 UR -sqt NE Pi Le	1759 UR Ar
+	N AMERICA: British take Quebec, Montreal 1760 (fight to exclude French from N America)		
+	EUROPE: Prussia beaten at Bt of Kunersdorf, saved by opponents' disunity; Russians burn Berlin		
+	BRITAIN: Wedgwood's pottery works founded, Staffordshire		
+	C ASIA: Manchus destroy the Oirat Mongols, and gain control of Kashgar and Silk Road		

1760	* EUROPE: ENLIGHTENMENT: Voltaire (1694-1778), Diderot (1713-66), Hume (1711-79)	1760 UR -sqt NE Ar Le	1760 UR Ar
+	S AFRICA: Boer voortrekker Jakobus Coetzee explores Transvaal	1760 CH +ssq PL Aq Sg	
+	INNOVN: Josiah Wedgwood (1730-95) founds pottery factory in Staffordshire, England		
+	INNOVN: Kew Gardens, London, opened (botanical treasures from overseas explorations)		
+	GERMANY: Russians occupy and burn Berlin (Prussia)		
+	JAPAN: widespread peasant uprisings (gainst Tokugawa inefficiency & corruption)		
1761	INDIA: 3rd Bt of Panipat: Islamic Moghuls beat Hindu Marathas (ending poss of Marathan India)	1761 Sa CONJ UR Ar Ar	
+	JAPAN: Ieharu, Shogun of Japan	1761 CH OPPN NE Aq Le	
+	IDEAS: Henry Home "Intro to the Art of Thinking"; Voltaire's collected wks published in English	1761 UR -sqt NE Ar Le	
+	IDEAS: ident'n of chest diseases by percussion (Avenbrugger); Lomonosov discs atmos of Venus	1761 CH +ssq PL Aq Sg	
+	MIDEAST: Danish Niebuhr explores Arabia		
1762	FRANCE: J J Rousseau's "Social Contract" (democratic ideals & equality of rights)	1762 Sa CONJ UR Ar Ar	1762 PL Cp
+	EUROPE: coalition disintegrates: Russia loses interest, Swed & France no funds; Aust negotiates	1762 CH OPPN NE Aq Le	
+	RUSSIA: Catherine the Great, Czarina of Russia (1762-96)	1762 UR -sqt NE Ar Le	
+	WORLD: British capture Martinique, Grenada, Cuba & Philippines		
+	INNOVN: Benjamin Franklin develops harmonica; Mozart, age 6, tours Europe performing music		
+	INDIA: Sikhs achieve de facto independence in Punjub		
1763	N AMERICA: Treaty of Paris: Canada, Louisiana & Florida ceded to British (N Am Anglo dominated)	1763 CH OPPN NE Aq Le	
+	N AMERICA: Proclamation Line makes all lands W of Allegheny Mts Indian territory (changed 1768)	1763 UR -sqt NE Ar Le	
+	EUROPE: Seven Years War ends: no major changes (German nat'l feeling, French Ancien Regime		
+	loses face, Russian influence increases, British overseas interests benefit)		
+	INDIA: adventurer Hyder Ali (1722-82) conquers Mysore		
1764	E EUROPE: Poland in a state of 'anarchy tempered by civil war' (prelude to partition)	1764 CH OPPN NE Aq Le	1764 NE Vi
+	N AMERICA: British tax American colonies (Sugar Act & Stamp Act)	1764 CH -ssq UR Aq Ar	1764 CH Pi
+	EUROPE: confiscation of Church lands in Russia; Jesuits banned in France, 1767 Spain & Sicily		
+	IDEAS: Literary Club, London (Johnson, Burke, Gibbon, Goldsmith); Literary Salons in Paris		
+	EUROPE: JS Bach performs in London; Mozart writes first symphony; Haydn "Symphony No 22 in E Flat"		
1765	AUSTRIA: Joseph II, co-regent of Austria (1765-80) with Maria Theresa (bringing wide reforms)	1765 CH +sxt PL Pi Cp	1765 NE Vi
+	N AMERICA: Stamp Act Congress in New York challenges British (declares rights & liberties)	1765 CH -ssq UR Pi Ar	
+	IDEAS: Turgot (French) "Reflections on the formation & distribution of wealth"		
+	BRITAIN: Britain gains full control of Isle of Man; house-numbering introduced in London		
+	INNOVN: hermetic sealing introd by Spallanzani (for food-preservation)		
+	INDIA: English East India Co gains Bihar and Bengal (English take Benares 1775)		
1766	PACIFIC: Wallis discovers Tahiti (suggests inhabitable southern Pacific continent)	1766 CH +sxt PL Pi Cp	
+	SE ASIA: attempted invasion of Burma by Chinese, fails; INDIA: famine in Bengal	1766 CH -ssq UR Pi Ar	
+	N AMERICA: Stamp Act repealed; Mason-Dixon line marked (dividing North & South USA)		
+	RUSSIA: Catherine the Great grants freedom of worship		
+	INNOVN: first streetside pavement, in Westminster, London		
1767	N AMERICA: Spaniards found colonial gov't in California; W Canada disputed by Russia & Spain	1767 CH +sxt PL Pi Cp	1767 UR Ta
+	RUSSIA: reform commission fails to bring reforms (short of educated officials & popular will)	1767 CH -ssq UR Pi Ar	
+	SE ASIA: Burmese attack Siam (Ayutthaya), expanding borders; unsuccessful but destructive		
+	INDIA: chaos in India, Robert Clive leaves; first Mysore War (1767-69); British gain control of Bengal		
+	IDEAS: Rousseau moves to England; Neville Maskelyne (1732-1811) "Nautical Almanack"		
1768	PACIFIC: Cook exploration of Pacific, discovers N Z & E Australia; circumnavigation of world	1768 UR -tri NE Ta Vi	1768 UR Ta
+	INDIA: British acquisitions along E coast of India; Ghurka tribes conquer Nepal	1768 Sa OPPN PL Cn Cp	
+	E EUROPE: first Russo-Turkish War: Russians occupy Moldavia & Wallachia (Black Sea access)	1768 CH -ssq UR Pi Ta	
+	MIDEAST: reappearance of Mamluks: Ali Bey becomes Sultan of Egypt (1768-73)		
+	FRANCE: France buys Corsica from Genoa		
1769	* N AMERICA: frictions between colonies & England escalate	1769 UR -tri NE Ta Vi	
+	BRITAIN: corruption scandals involving many officials – "Letters of Junius"	1769 Sa OPPN PL Cn Cp	
+	IDEAS: foundation of British Royal Academy; Encyclopaedia Britannica starts		
+	EUROPE: INDUSTRIAL REVOLUTION growing (fostered by int'l free trade, civil libs, technol devels)		
+	JAPAN: Ieharu, Jap Shogun (1761-86) (indebtedness, sinking morale, decline of Shogunate)		
1770	* EUROPE: SCIENCE & TECHNOLOGY: Priestley, Lavoisier, Bolta, Watt, Arkwright	1770 UR -tri NE Ta Vi	
+	E EUROPE: Bt of Chesme, Russia defeats Ottomans in naval battle (Turks lose power in Black Sea)	1770 PL on S Node	
+	N AMERICA: unrest in Boston, Mass, against British taxes and restrictions		
+	WORLD: Capt Cook explores Botany Bay (Sydney) Australia; James Bruce discs source of Blue Nile		
+	* BRITAIN: canal-building period; FRANCE: world's first public restaurant opened in Paris		
1771	MIDEAST: Ali Bey & Mamluk Egyptians conquer Damascus, Syria	1771 UR -tri NE Ta Vi	1771 CH Ar
+	INNOVN: Arkwright opens first spinning mill in England; barrel-organ first made, London	1771 UR +tri PL Ta Cp	

+	* RISE OF GERMAN IDENTITY (1770-1800): Goethe, Schiller, Grimm, Fichte, Niebuhr, Eichendorff		
+	* AFRICA: Ethiopian empire in decline; rebellions (reported by explorer James Bruce)		
+			
1772	E EUROPE: first partition of Poland (others in 1793 & 1795, Russia gains access to West)	1772 UR +tri PL Ta Cp	1772 CH Ar
+	PACIFIC: Cook sails Pacific seeking southern continent, visits New Zealand		
+	N AMERICA: Boston Assembly demands rights, threatens secession; Committees of Correspondence		
+	FRANCE: Inquisition abolished; BRITAIN: slaves become free on landing in England		
+	AFRICA: James Bruce explores confluence of Blue & White Nile		
1773	RUSSIA: Pugachev uprising of peasants and Cossacks in southern khanates (against Russia)	1773 UR +tri PL Ta Cp	
+	N AMERICA: Boston Tea Party (protest against English monopolies, martial law imposed)	1773 Sa CONJ NE Vi Vi	
+	INDIA: E India Co becomes Brit admin agency; Warren Hastings governor (despite Indian opp'n)	1773 CH Aph 4Ar	
+	E EUROPE: Duchy of Oldenburg ceded from Denmark to Russia		
+	INNOVN: cast-iron bridge at Coalbrookdale, England; waltz becomes fashionable in Vienna		
1774	E EUROPE: Treaty of Kuchuk Kainarji (Ottoman decline, Russian ascendancy)	1774 Sa OPPN CH Li Ar	1774 UR Ge
+	RUSSIA: Tatar wars (1174-92), Catherine II destroys Tatar khanates (Russia reaches Black Sea)		
+	N AMERICA: first Continental Congress of Thirteen Colonies (Philadelphia), suspends trade with Britain		
+	FRANCE: Louis XVI, king of France (1774-92) (attempts to make reforms, confounded by nobility)		
+	INNOVN: manganese, chlorine & baryta isolated; Wilkinson's boring mill (making steam cylinders)		
1775	AMERICA: AMERICAN REVOLUTION (1775-83) (battles at Lexington & Concord Ma; Amer army	1775 Sa OPPN CH Li Ar	1775 UR Ge
+	founded, with G Washington as C-in-C; Paul Revere's ride; 2nd Continental Congress, Philadelphia)		
+	INNOVN: Girard invents water turbine; Priestley discs hydrochloric & sulphuric acids		
+	INNOVN: James Watt produces perfected steam engine; 1st banks' clearing house, City of London		
+	INDIA: first Anglo-Maratha war (E India Co extends control in Central India)		
1776	N AMERICA: American Declaration of Independence (crafted by Thomas Jefferson, 1743-1826)	1776 Sa OPPN CH Li Ar	
+	S AMERICA: Sp Viceroyalty of Rio de la Plata (Argentina-Uruguay-Paraguay); Port. Brazil united		
+	IDEAS: Adam Smith (1723-90) "Wealth of Nations", Tom Paine (1737-1809) "Common Sense"		
+	PACIFIC: Cook discovers Hawaii, visits Bering Strait (ests no northern passage to Atlantic)		
+	INDIA: British expand in Ganges valley, taking holy city of Benares		
1777	N AMERICA: much warfare, German & French mercenaries; Americans beat British at Bt of Saratoga	1777 NE -tri PL Vi Cp	1777 PL Aq
+	S AMERICA: agreement between Spain & Portugal over disputes in S American colonies	1777 UR on N Node	
+	INNOVN: Lavoisier identifies composition of air; torpedo (USA) & torsion balance (Fr) invented	1777 UR +sqt PL Ge Cp	
+	INNOVN: 1st cooperative workshop, for tailors, B'ham, Eng; modern water closet by Bramah, Yorks		
+			
1778	N AMERICA: Franco/Dutch-American alliance against British; Indian massacres in PA & NY	1778 NE -tri PL Vi Cp	1778 PL Aq
+	GERMANY: War of Bavarian Succession	1778 UR +sqt PL Ge Aq	1778 NE Li
+	IDEAS: Franz Mesmer experiments with hypnotism in Paris		
+	USA: import of slaves into USA banned; Spiritualist revivalism in New York city		
+	INNOVN: first velocipedes (bicycles) appear in Paris		
1779	N AMERICA: British surrender at Vincennes; US Congress sends army to fight Indians	1779 NE -tri PL Li Aq	1779 NE Li
+	INDIA: British war against Mahrattas (1779-82)	1779 UR +sqt PL Ge Aq	1779 CH Ta
+	IDEAS: Italian Spallanzani proves that semen is necessary for conception	1779 CH -qcx NE Ar Vi	
+	IDEAS: Jeremy Bentham (1748-1832) "Principles of Morals & Legislation" (liberalism)		
+	INNOVN: Gervinus invents circular saw; Scheller invs fountain pen; Fontana prods water gas		
1780	BRITAIN: Henry Grattan (1746-1820) demands home rule for Ireland; 1st Building Soc est in B'ham	1780 NE -tri PL Li Aq	1780 CH Ta
+	N AMERICA: continued fighting between British and Americans (with French help)	1780 CH +SQR PL Ta Aq	
+	AUSTRIA: Joseph II, Emp of Aust (1780-90); serfdom abol'd, relig freedom, education in Aust Emp	1780 CH -qcx NE Ta Li	
+	INDIA: 2nd Mysore War (1780-4) (British expansion in India); Hastings deposes Rajah of Benares		
+	S AMERICA: rebellion in Peru against Spanish rule (independence movement in S America growing)		
1781	N AMERICA: Washington (1732-99) forces British Yorktown surrender; Franciscan monks est LA, Calif	1781 NE -tri PL Li Aq	1781 UR Cn
+	IDEAS: Immanuel Kant (1724-1804) "Critique of Pure Reason"	1781 CH +SQR PL Ta Aq	
+	CHINA: rebellion of Chinese Muslims in Kansu (1781-4) (growing resentment against Manchus)	1781 CH -qcx NE Ta Li	
+	INNOVN: Herschel discovers planet Uranus; tungsten discovered by Scheele		
+	FRANCE: public finance crisis publicised in "Compte Rendu" by finance minister Necker, sacked		
1782	N AMERICA: British accept Am victory; Bank of N America est'd; Span complete conq of Florida	1782 NE -tri PL Li Aq	1782 UR Cn
+	MED'N: Spanish capture Menorca from British, Brits hold Gibraltar	1782 CH +SQR PL Ta Aq	
+	INNOVN: Fr Montgolfier bros build hot-air balloon; Watt's double-acting rotary steam engine	1782 Sa OPPN UR Sg Ge	
+	GERMANY: Beethoven's first works published	1782 UR +qcx PL Cn Aq	
+	SE ASIA: Rama I establishes new dynasty in Siam, builds capital Bangkok	1782 CH -qcx NE Ta Li	
1783	E EUROPE: Russia annexes Crimea; Potemkin's 'New Russia' (establishment of new towns, trade, navy)	1783 NE -tri PL Li Aq	
+	N AMERICA: Treaty of Versailles: Britain recognises American independence	**1783 UR -SQR NE Cn Li**	

+	BRITAIN: William Pitt the Younger, prime minister (age 24, 1783-1801)	1783 Sa OPPN UR Cp Cn	
+	JAPAN: famine in Japan (weather plus political obstruction)	1783 UR +qcx PL Cn Aq	
+	GERMANY: Moses Mendelssohn campaigns for freedom of conscience & rights of Jews		
1784	BRITAIN: Pitt's India Act (basis for later British rule of all India, govt controls E India Co)	1784 NE -tri PL Li Aq	
+	AUSTRIA: rising resistance to reform (owing to disregard of national differences in Empire)	**1784 UR -SQR NE Cn Li**	
+	BRITAIN: Wesley writes Deed of Declaration, founding Methodist Church	1784 UR +qcx PL Cn Aq	
+	INNOVN: Swiss Argand invs oil burner; Eng Bramah's patent lock; Scot Meikle's threshing machine		
+	IDEAS: 1st school for Blind, Paris; Bengal Asiatic Soc studies Sanskrit		
1785	SE ASIA: Burma attacks Arakan, Manipur & Assam; Emerald Buddha Temple, Bangkok, built	1785 NE -tri PL Li Aq	1785 CH Ge
+	GERMANY: League of German Princes (Prussian infl grows, Austrian declines, in Germany)	**1785 UR -SQR NE Cn Li**	
+	FRANCE: Diamond Necklace Affair (monarchy and church discredited, Ancien Regime stalling)	1785 UR +qcx PL Cn Aq	
+	INNOVN: Berthollet's chemical bleaching; Salsano's seismograph; educational reforms, Germany	1785 CH -sqt NE Ta Li	
+	INNOVN: Watt & Boulton's steam-driven cotton factory; Cartwright's power-driven loom		
1786	SE ASIA: British acquire Penang (Malaya) from Sultan of Kedah as trading station	1786 Sa CONJ PL Aq Aq	1786 CH Ge
+	IDEAS: Robbie Burns' "Poems chiefly in the Scottish dialect"	1786 CH -sqt NE Ta Li	
+	INNOVN: Klaproth discs uranium; Rumsey (USA) designs 1st mechanically driven boat		
+	INNOVN: advent of internal gas lighting (Eng & Ger); Herschel's "Catalog of Nebulae"		
+	N AMERICA: emigration of Mennonites to Canada; rebellion of Daniel Shays (loyalist)		
1787	BENELUX: uprisings in Austrian Netherlands against Austrian central admin reforms	1787 CH -sqt NE Ge Li	
+	AUSTRIA: unrest in Hungary against forced reforms (rise of Hungarian nationalism)	1787 CH -ssq UR Ge Cn	
+	USA: Constitutional Convention ests US constitution (world's first modern democracy); US$ introduced		
+	FRANCE: dissention, urgent calls for reform & calling of States General; regime delays		
+	INNOVN: Fitch (USA) launches steamboat; Lavoisier's chemical nomenclature		
1788	OCEANIA: British colony in Australia founded; AFRICA: Sierra Leone founded (for freed slaves)	1788 CH +tri PL Ge Aq	1788 UR Le
+	FRANCE: public bankruptcy leads to elections and call for limited monarchy & democracy	1788 CH -ssq UR Ge Cn	
+	* CHINA: Manchu decline (economic & agricultural difficulties)	1788 CH -tri NE Ge Li	
+	ARTS: Mozart's three great symphonies (E-Flat, G-Minor, Jupiter)		
+	IDEAS: Hutton's "New Theory of the Earth"; Laplace's "Laws of the Planetary System"		
1789	FRANCE: FRENCH REVOLUTION: abolition of feudal system and proclamation of 'Rights of Man'	1789 CH -ssq UR Ge Le	
+	FRANCE: emigration of nobility, est of city Communes, army dissolved, econ breakdown, violence		
+	USA: George Washington becomes first President of the USA (1789-97)		
+	* BRITAIN: spread of power-driven manufacturing (work-mechanisation, flight from countryside)		
+	GERMANY: Brandenburg Gate built, Berlin		
1790	* EUROPE: PEAK OF ORCHESTRAL MUSIC: Mozart, Haydn, Beethoven	1790 CH +sqt PL Cn Aq	1790 CH Cn
+	FRANCE: Church secularised, King loses power; Jacobins (Robespierre, St Just) reorganise nation	1790 CH -tri NE Ge Li	
+	N AFRICA: Islamic proselytising holy wars in N Africa		
+	CHINA: rising of Yao peoples of Kwangsi; beginning of opium trade by foreign powers in China		
+	BENELUX: secession of Republic of United Belgian Provinces (from Austrian empire)		
1791	E EUROPE: Russia gains the Black Sea steppes, Austrians take Belgrade from Ottomans	1791 CH +sqt PL Cn Aq	
+	FRANCE: proclamation of new (model) constitution, election of Legislative Assembly	1791 CH -ssx UR Cn Le	
+	IRELAND: Wolf Tone's rebellion, seeking alliance with France, quickly defeated		
+	N AMERICA: organisation of Canada into Lower (French-speaking) & Upper (English) Canada		
+	C AMERICA: slave revolt of Toussaint L'Ouverture on Haiti against French rule		
+	GERMANY: world's first general strike, Hamburg		
1792	FRANCE: French Republic proclaimed: beginning of the Revolutionary Wars	**1792 UR OPPN PL** Le Aq	1792 NE Sc
+	INNOVN: Cartwright invents steam-powered weaving loom; gas first used for lighting	1792 CH -SQR NE Cn Li	1792 CH Le
+	INDIA: 1792-99 major British acquisitions in India	1792 Sa OPPN NE Ar Li	
+	SCANDNVA: Denmark first nation to abolish slave trade	1792 CH +qcx PL Cn Aq	
+	USA: Republican (Jefferson) & Federalist (Hamilton & Adams) political parties formed	1792 CH -ssx UR Cn Le	
+	OCEANIA: first white settlers arrive in New Zealand (Bay of Islands)		
1793	OTTOMANS: Selim III attempts to reform the Ottoman empire	**1793 UR OPPN PL** Le Aq	1793 NE Sc
+	FRANCE: Louis XVI executed; "Reign of Terror"; dictatorship (Robespierre & Danton)	1793 CH -SQR NE Cn Li	1793 CH Le
+	INNOVN: Whitney's cotton 'gin' invented in USA	1793 Sa OPPN NE Ta Sc	
+	USA: Washington DC founded as capital of USA (becomes seat of Presidents & Congress 1800)		
+	W EUROPE: French conquer Belgium; Batavian Republic declared in Holland; widespread war		
1794	RUSSIA: foundation of Odessa, Russian port on the Black Sea, recently acquired	**1794 UR OPPN PL** Le Aq	1794 UR Vi
+	E EUROPE: uprising in Poland behind Tadeusz Kosciuszko against foreign intervention	1794 CH OPPN PL Le Aq	
+	GERMANY: Prussian Law Code ests const state, equality before law, freedom of thought & religion		
+	FRANCE: declaration of "Cult of Reason"; fall of Robespierre, relaxing of the "Terror"		
+	S AMERICA: Francisco de Miranda (1754-1816) founds Freemasonry lodges (focus for ind'ce mvmnts)		
1795	CHINA: rising of Miao peoples; secret societies: White Lotus rebellion; Ch'ing corruption rife	1795 UR -sxt NE Vi Sc	1795 UR Vi

+	SE ASIA: British occupy Dutch colonies (esp Malacca) while Holland was invaded by France	1795 CH OPPN PL Le Aq	1795 CH Vi
+	E EUROPE: dissolution of the state of Poland (bet Pr, Russ & Aust: Polish nat'lism born)	1795 CH CONJ UR Vi Vi	
+	FRANCE: new constitution under the Directory; rise of bourgeoisie, haute couture & Napoleon	1795 CH -sxt NE Vi Sc	
+	INNOVN: 1st horse-drawn railway, England; Metric System introd, 1st technical college, France		
1796	INDIA: British conquer Ceylon & Cape Town	1796 UR -sxt NE Vi Sc	1796 CH Li
+	W EUROPE: Napoleon Bonaparte (1769-1821) invades Italy, raises money & treasures for France	1796 CH -qcx PL Vi Aq	
+	USA: George Washington's Farewell Address (after 2 Pres terms); Whiskey Insurrection in Penn'a	1796 CH -ssq NE Vi Sc	
+	IDEAS: Cambaceres "Project de Code Civil"; Fichte "Grundlage des Naturrechts" (on lawgiving)		
+	CHINA: end of era: death of Chien Lung (1736-96); Kia King, Emp (1796-1820, incompetent rule)		
1797	ITALY: fall of (1000 yr) Rep of Venice; est of "daughter republics" by Napoleon	1797 UR -sxt NE Vi Sc	1797 PL Pi
+	PERSIA: Fath Ali Shah, Persian Shah (1797-1834) (weakening of Persia, conservatism)	1797 CH Peri 4Li	1797 CH Li
+	BRITAIN: naval mutiny at Spithead (over conditions); Nelson defeats Spanish navy	1797 CH +ssx UR Li Vi	
+	E EUROPE: final partition of Poland	1797 CH -qcx PL Vi Aq	
+	OCEANIA: sheep introduced to Australia	1797 CH -sqt PL Li Aq	
1798	W EUROPE: French est Helvetian (Switzerland) & Roman Republics, attempt invasion of Ireland	1797 CH -ssx NE Li Sc	1798 PL Pi
+	MED'N: Napoleon takes Malta, attacks Egypt, defeating Mamluks; British est control of Med'n	1798 CH -tri PL Li Aq	1798 CH Sc
+	IDEAS: Malthus (1766-1834) "Essay on the Principle of Population"		
+	INDIA: Lord Wellesley Gov-Gen India (defeats Nizam & Mysore 99, Karnatic 1801, Brit hegemony)		
+	BRITAIN: 10% income tax on incomes over £200 introduced (to finance war)		
+	IRELAND: Wolfe Tone's nationalist rebellion, fails		
1799	FRANCE: Napoleon returns, overthrows Directory (coup d'etat 18 Brumaire), becomes First Consul	1799 CH CONJ NE Sc Sc	
+	FRANCE: Napoleonic constitution (dictatorship in democratic wraps, rational standardisation)	1799 CH +ssq UR Sc Vi	
+	INDIA: Ranjit Singh (1799-1839), Sikh leader (expands Sikh military tradition)		
+	N AFRICA: Rosetta Stone found (enabling deciphering of heiroglyphics); Egyptian Inst, Cairo		
+	BRITAIN: Mungo Park's "Travels in the Interior of Africa" (broadening Euro horizons)		

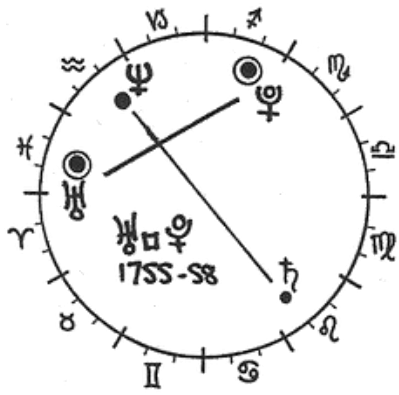


Uranus conjunct Pluto 1710

Union of England & Scotland; Swedish decline as a power; European 'cabinet politics' (Treaty of Utrecht); Mughal decline, India; first Indian Wars, N America; Rococo period; Europe at peace; Prussian ascendancy; Afghan independence (from Persians); Peter the Great, Russia (modernisation, newbuilt St Petersburg becomes capital); Swiss civil war

Uranus opposition Neptune 1737-38

Ch'ing emperor Ch'ien Lung, China; Wahhabi Islamic reform movement in Mecca; chaos in Persia; early seeds of industrial revolution in Europe; growth of European Enlightenment; Nadir Shah, reformer, Persia; rise of Prussia over Habsburg Austrian influence in Germany



Uranus square Pluto 1755-58

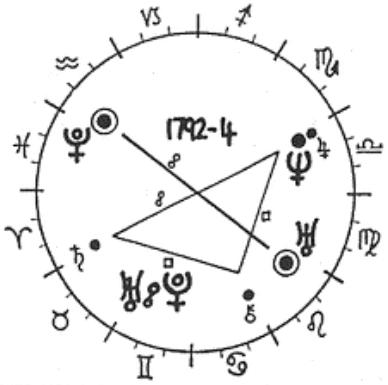
Seven Years War (global); British inroads in N America & India; Voltaire, Rousseau, Diderot, Hume; Alaungpaya reunites Burma; setbacks for expansionist Prussia; Bach, Mozart, Haydn; British take territory in India, overpowering French (Robert Clive); British take Montreal & Quebec from France; Wedgwood's pottery; first woman doctor, Germany

Uranus trine Neptune trine Pluto 1771

Capt Cook in Australia & NZ; Priestley, Lavoisier, Bolta, Watt, Arkwright; German identity - Goethe, Schiller, Grimm, Niebuhr, Eichendorff; decline of Ethiopian kgdm; Inquisition abolished; buildup to American Revolution; Warren Hastings, growing British takeover in India; industrial revolution taking off

Uranus square Neptune 1783-84

American Revolution (independence & constitution); gas lighting; orchestral music; Potemkin's 'New Russia' development; conservatism in Habsburg empire & France; florescence in Thailand; inventions, canal-building, factories, static steam engines



Uranus opposition Pluto 1792-94

French Revolutiion & revolutionary wars, rise of Napoleon; George Washington, 1st president of USA; British hegemony in India; corruption & rebellions in China; age of reform begins in Europe; slave revolt in Haiti (L'Ouverture); Washington DC founded; organisation of Canada

1800	* IDEAS: RISE OF ROMANTICISM: Byron, Shelley, Keats, Hugo, Sand, Manzoni, Andersen, Pushkin	1800 CH -SQR PL Sg Pi	1800 UR Li
+	EUROPE: Napoleon beats Austrians; appoints commission of jurists to formulate Code Napoleon	1800 CH +sxt UR Sg Li	1800 CH Sg
+	BRITAIN: Robert Owen buys New Lanark mills (setting new social & industrial standards)		
+	INNOVN: Volta makes electricity from zinc-copper cell; Trevithick's steam engine		
+	IDEAS: astronomer Herschel at work (infrared rays, binary stars); Lalande's Star Catalogue		
1801	EUROPE: Austria & Russia make peace with Napoleon; Britain isolated, master of seas	1801 Sa OPPN PL Vi Pi	1801 UR Li
+	GERMANY: German princes neutralised by treaty, loyalty and reform enforced by Napoleon	1801 CH -SQR PL Sg Pi	
+	AFRICA: Hausa kingdoms overcome by Islamic Tukulor tribes, founding kingdom of Sokoto	1801 UR -qcx PL Li Pi	
+	INDIA: British defeat French-Russian plan to gain India; French leave, Brits enter Egypt	1801 UR -ssq NE Li Sc	
+	BRITAIN: United Kingdom formed in Act of Union (uniting Ireland with England, Wales & Scotland)		
1802	EUROPE: Peace of Amiens: pause in wars, Napoleon at a peak of power	1802 Sa OPPN PL Vi Pi	
+	AMERICAS: British beat French attempt to establish a Caribbean empire	1802 UR -qcx PL Li Pi	
+	RUSSIA: Alexander I, Czar (1801-25) (initially liberal, later arch-reactionary)	1802 UR -ssq NE Li Sc	
+	WORLD: von Humboldt explores in Equador; Truter & Somerville in Bechuanaland	1802 CH +ssx NE Sg Sc	
+	IDEAS: Dalton's atomic theory in chemistry; Treviranus creates "biology"; Fulton's steamboat		
1803	USA: Louisiana Purchase nearly doubles size of USA (opens Miss'pi & West, gains USA compliance)	1803 UR -qcx PL Li Pi	1803 CH Cp
+	INDIA: Mughal emperor asks for protection of British general Wellesley: British supremacy est'd		
+	GERMANY: Germany reorganised: Baden, Prussia, Wurttemburg & Bavaria gain land & pop'n		
+	IDEAS: Swiss Pestalozzi (1746-1827), educationalist, at work (natural gifts of children)		
+	N AFRICA: Albanian Mohammed Ali, Egyptian Pasha (on French withdrawal, modern Egypt grows)		
+	N AMERICA: Louisiana Purchase – Napoleon sells Louisiana to USA		
1804	EUROPE: Napoleon defeats Austria, attempts invasion of Britain	1804 CH +ssq NE Cp Sc	
+	FRANCE: Napoleon I, Emperor of the French; CODE NAPOLEON (legal reforms, rational organisation)	1804 CH -sxt PL Cp Pi	
+	W AFRICA: Fulanis (Usman dan Fodio) conquer the Hausa in N Nigeria (creating a large Islamic state)		
+	BRITAIN: British & Foreign Bible Soc founed (missionary organisation)		
+			
1805	EUROPE: Napoleon enters Vienna; Bt of Trafalgar: English isolate French on continent	1805 Sa CONJ UR Li Li	
+	EUROPE: Germany & Prussia neutralised, Austria beaten	1805 CH +SQR UR Cp Li	
+	AUSTRIA: Count Stadion (1763-1824) favours nobility (to bind multiple nationalities in empire)	1805 UR -sqt PL Li Pi	
+	USA: Thomas Jefferson, US President (1801-9); USA-British break relations		
+			
1806	EUROPE: AGE OF REFORM (both within and without Napoleonic sphere, recognition of public voice)	1806 CH +SQR UR Cp Li	1806 NE Sg
+	EUROPE: Napoleon ests Continental System at Berlin (standardising European gov't; abol'n of	1806 UR -sqt PL Li Pi	
+	serfdom, est of law, cent control, education, trade control, etc; 'revolution from above')	1806 CH -ssq PL Cp Pi	
+	EUROPE: Napoleon bans trading with Britain (Berlin Decrees) – Britain in crisis, turns to seas & colonies		
+	GERMANY: dissolution of the German Holy Roman Empire (laying seed of German nat'l state)		
+	S AFRICA: Cape Colony passes into British control (strategic seaway, begn of white S Africa)		
+	E AFRICA: Sayyid Said reasserts Omani Arabic power and trading ports in E Africa		
1807	E EUROPE: collapse of Prussia, major reform & abol'n of serfdom; Russia joins Cont System	1807 CH +SQR UR Aq Sc	1807 UR Sc
+	British empire: slave trade abolished within empire (William Wilberforce)	1807 UR -ssx NE Sc Sg	1807 NE Sg
+	C ASIA: rebellion of Tibetans in Kokonor, against Chinese domination	1807 UR -sqt PL Li Pi	1807 CH Aq
+	IBERIA: French invade Portugal (still trading with British) & Spain 1808-9 (Brit incursions)	1807 CH +sxt NE Aq Sg	
+	OCEANIA: Britain opens up Cape Colony for immigration of whites		

1808	S AMERICA: independence movements in Spanish & Portuguese America (13 new states by 1828)	1808 CH +SQR UR Aq Sc	
+	RUSSIA: Russia gains land & power as partner of Napoleon (incl Finland 1809)	1808 UR -ssx NE Sc Sg	
+	IDEAS: Malus researches polarisation of light; 1st war correspondent in Spain for "The Times"	1808 CH +sxt NE Aq Sg	
+	* JAPAN: Azuma Maro (1768-1830) revives Shinto movement & Tenno cult		
+			
1809	EUROPE: Napoleon's 1st defeat by Aust Archduke Charles; rebellion in Tyrol; both defeated	1809 Sa CONJ NE Sg Sg	
+	EUROPE: Austria & Prussia join Napoleonic Continental System; Metternich reorganises Austria	1809 CH -ssx PL Aq Pi	
+	IBERIA: guerilla war against French (led by clergy & nobility); ITALY: Pope arrested		
+	EUROPE: all Teutonic Knights' property confiscated		
+			
1810	EUROPE: Napoleon marries Marie-Louise of Austria, to bind empires	1810 UR -tri PL Sc Pi	
+	BRITAIN: economic crisis from loss of European markets (unemployment & famine)	1810 CH -ssx PL Aq Pi	
+	GERMANY: Berlin University founded (academic freedom, Fichte, Niebuhr, Savigny, Schleiermacher)		
+	RUSSIA: econ difficulties cause Russia to leave Continental System, (opening to Brit influence)		
+	S AMERICA: revolts in New Granada, Mexico & Rio de la Plata (against Spain & Napoleon)		
1811	BRITAIN: "Great Schism" in Wales (60% leave Anglican Church); Baptist Union formed	1811 UR -tri PL Sc Pi	
+	CHINA: rising of secret sect of Heavenly Principle; failed coup d'etat 1814		
+	* BRITAIN: only 33% of people work on land: large industrial take-up; Luddite riots		
+	S AMERICA: rise of independence movements: Venezuela, Paraguay, Chile declare independence		
+	USA: Americans defeat Indian tribes under Tecumseh in Indiana		
1812	EUROPE: GREATEST EXTENT of NAPOLEONIC EMPIRE; Napoleon invades Russia		1812 CH Pi
+	INNOVN: cylinder printing press invented and adopted by The Times, London		
+	N AMERICA: Anglo-American war (Madison attacks Canada, Washington destroyed, stalemate by 1814)		
+	IBERIA: Madrid liberated; Brit Wellesley & Wellington invade Spain		
+	E EUROPE: Napoleon invades Russia (largest army ever); Moscow falls; tragic winter retreat		
1813	IBERIA: Bt of Vittoria, Wellington beats Napoleon, Spain freed, SW France attacked		1813 UR Sg
+	EUROPE: Wars of Liberation: Prussia, then Austria; Bt of Nations at Leipzig, Napoleon defeated		1813 CH Pi
+	MIDEAST: Mohammed Ali & Ibrahim Pasha (Egypt) attack Wahhabists, occupying Mecca-Riyadh 1813-20		
+	OCEANIA: Britain opens up New Zealand for white immigration		
+			
1814	EUROPE: allies enter Paris, Napoleon deposed; Louis XVIII, K of France (1814-24) (lib const'n)		1814 UR Sg
+	EUROPE: Napoleon exiled to Elba; tensions between allies at Congress of Vienna		
+	EUROPE: downward business trends (1815-20) (unemployment, poverty, wages falling)		
+	INNOVN: Stephenson's first railway locomotive, "Rocket"		
+	INDIA: Ghurka Wars (Nepal becomes Brit protectorate, Ghurkas work as warriors for Brits)		
1815	EUROPE: Napoleon returns, defeated at Bt of Waterloo, exiled to St Helena; France occup'd 5 yrs		
+	EUROPE: Congress of Vienna (Metternich's work) creates new European order		
+	EUROPE: Holy Alliance (Russia, Austria, Prussia) (authoritarian "alliance of throne & altar")		
+	GERMANY: German Confederation (1815-66), 39 member states (guaranteeing autonomy & defence)		
+	BRITAIN: Corn Laws passed (against imported grain, anti-free trade, widespread price rises)		
1816	EUROPE: RESTORATION: Period of Conservative Reaction (1815-30) (royalism, religious patrimony)	**1816 NE -SQR PL** Sg Pi	
+	GERMANY: reforms in Prussia stopped; Friedrich Wilhelm III (1797-1840) (reactionary)		
+	GERMANY: Wilhelm von Humboldt (1767-1835) at work (statesman, scholar, educationalist)		
+	S AMERICA: Argentina (La Plata) declares independence (Spanish exile leaders, war lasts four years)		
+	BRITAIN: est of Soc of Friends of Peace (first pacifist group)		
+	S AFRICA: Shaka, Zulu king, begins to expand the Zulu empire		
1817	INDIA: foundation of Hindu College, Calcutta (first major centre of western influence in India)	**1817 NE -SQR PL Sg Pi**	
+	E EUROPE: uprisings in Serbia secure autonomy from Ottomans	1817 UR on S Node	
+	IDEAS: David Ricardo (1772-1823) at work (on liberal capitalism); Ritter, geographer, at work		
+	ARTS: Byron, Coleridge, Shelley, Keats, Austen; Goya, Turner, Landseer, Constable, at work		
+	GERMANY: constitutions proclaimed in Saxe-Weimar, Bavaria & Baden (elsewhere reaction)		
1818	INDIA: Britain defeats Marathas; British become effective rulers of India	**1818 NE -SQR PL** Sg Pi	
+	S AFRICA: Shaka forms Zulu kingdom in SE Africa (prelude to Boer-Zulu Wars)	1818 CH +SQR UR Pi Sg	
+	GERMANY: repression of liberal-nationalist movements in Germany (persecution of 'demagogues')	1818 CH +SQR NE Pi Sg	
+	INNOVN: first steamship to cross Atlantic ('Savannah', 26 days)		
+	IDEAS: Berzelius researches atomic weights, selenium & lithium	1819 Sa CONJ CH Pi Pi	
1819	SE ASIA: British (Lord Raffles) found Singapore as a free trade port	**1819 NE -SQR PL** Sg Pi	
+	AMERICAS: USA buys Florida from Spain; independence of Gran Colombia (under Simon Bolivar)	1819 Sa CONJ PL Pi Pi	
+	IDEAS: Wilhelm Friedrich Hegel (1770-1831) at work (on reason, freedom, historical process)	1819 CH +SQR UR Pi Sg	

+	BRITAIN: 'Peterloo Massacre' of workers; Six Acts (censorship & restricted rights of assembly)	1819 CH +SQR NE Pi Sg	
+	WORLD: AGE OF IMPERIALISM (1814-1914): Euro powers vie for world domination during 1800s	1819 CH CONJ PL Pi Pi	
1820	* EUROPE: ROMANTICISM: Byron, Chateaubriand, Turner, Heine, Delacroix	**1820 NE -SQR PL** Sg Pi	1820 NE Cp
+	IDEAS: Clausewitz (1780-1831) "Vom Kriege" (creator of modern theories of warfare)	1820 UR -SQR PL Sg Pi	1820 CH Ar
+	EUROPE: Congress of Aachen (intervention over uprisings agreed, Britain separates from Europe)	1820 CH CONJ PL Pi Pi	
+	IBERIA: liberal revolts in Spain & Italy, suppressed by France & Austria 1823	1820 CH +SQR UR Pi Sg	
+	BRITAIN: political swing, moderate young Tories gain power (Peel, Canning)	1820 CH +SQR NE Ar Cp	
+	S AFRICA: British settlers arrive in the Cape Colony in larger numbers		
1821	SE EUROPE: Greek War of liberation from Ottomans (1821-9) (Turkish fleet sunk by Eng, Fr & Rus)	**1821 UR CONJ NE** Cp Cp	1821 UR Cp
+	INNOVN: electric motor and generator invented by Faraday in Britain	1821 CH +SQR UR Ar Cp	1821 CH Ar
+	FRANCE: reactionary upswing (church power increased, reforms countered)	1821 CH +SQR NE Ar Cp	
+	S AMERICA: independence of Mexico, Peru, Brazil, Dominican Rep, U Provs of C Am (Bolivia 1825)	1821 CH Aph 4Ar	
+	N AFRICA: Mohammed Ali (Egypt) subjegates Nubia, ests Khartoum		
1822	W AFRICA: Liberia founded as a colony for freed slaves (upswing of anti-slavery movement)	1822 CH +SQR UR Ar Cp	1822 PL Ar
+	* EUROPE: LIBERAL WEST (France & England) & REACTIONARY EAST (Austria, Russia, Prussia)	1822 CH +SQR NE Ar Cp	
+	BRITAIN: relaxation of penal laws & death penalty; Bottle Riots in Dublin (anti-English)		
+	EUROPE: Congress of Verona (to discuss European issues); SE EUROPE: Ottomans invade Greece		
+	BRITAIN: Royal Asiatic Soc (language study) & Royal Academy of Music founded		
1823	USA: Monroe Doctrine ("America to the Americans", anti-intervention & hemispheric integrity)	1823 CH +SQR UR Ar Cp	1823 PL Ar
+	C AMERICA: United Provinces of C America formed (Nicaragua-Hondrs-C Rica-Guatemala-S Salvador)		
+	AMERICAS: Brazil becomes ind of Portugal; Mexico becomes a republic		
+	INNOVN: Macintosh's waterproof fabric; Faraday's liquid chlorine; "The Lancet" first issued		
+			
1824	S ASIA: British occupy Assam & Burma (safeguarding NE India), returning Sumatra to Dutch	1824 CH +SQR UR Ar Cp	
+	BRITAIN: local trades unions & assembly permitted (France 1864, Germany 1869)		
+	WORLD: frontier agreements between Russia and Britain & USA (over NW N America)		
+	GERMANY: beginning of German emigration to S America		
+	BRITAIN: foundation of Royal Soc for Prevention of Cruelty to Animals		
+	W AFRICA: Britain fights two unsuccessful wars against the warrior Asante		
1825	BRITAIN: first passenger steam railway, Stockton & Darlington, England	1825 CH +SQR UR Ar Cp	
+	SE ASIA: Java War (revolt of Indonesians against Dutch)		
+	C ASIA: rebellion of Turkestan (Kashgar, Yarkand, 1825-28) (against Chinese domination)		
+	* EUROPE: Industrial Revolution starts in Belgium, Holland, France, Switzerland		
+	RUSSIA: Decembrist Uprising (crushed); Nicholas I, Czar (1825-55) (autocrat, secret police)		
1826	SE ASIA: Burney treaty ends Siamese encroachment on Malay sultanates	1826 CH +SQR UR Ar Cp	
+	AMERICAS: Panama Congress; Simon Bolivar (1783-1830) unsuccessfully proposes a pan-Amer Union		
+	OTTOMANS: army & admin reform (to counter disintegration of Ottoman empire)		
+	GERMANY: commercial treaty between Prussia & Mecklenburg fuels idea of German Customs Union		
+			
1827	SE EUROPE: Russ, Fr & Brit intervene against Turks in favour of Greece (Turk fleet destroyed)	1827 Sa OPPN NE Cn Cp	
+	MIDEAST: Russia takes Erevan (Armenia) from Persia	1827 CH +SQR UR Ar Cp	
+	INNOVN: Ohm's Law; Ressel's screw propeller; Niepce's metal plate photographs		
+	ARTS: Mendelssohn, Weber, Schubert, Bellini, at work; architect Nash at work		
+			
1828	INDIA: Brahmo-Samaj (Hindu revivalist movement) founded; suttee (widows' suicide) abolished	1828 Sa OPPN UR Cn Cp	1828 UR Aq
+	* CHINA: opium imports into China reach excess proportions (draining economy, rotting society)	1828 Sa OPPN NE Cn Cp	1828 CH Ta
+	E EUROPE: Russo-Turkish war (Russia gains mouth of Danube); Greece gains independence	1828 CH +SQR UR Ta Aq	
+	N AMERICA: "American Dictionary of Eng Language" by Webster; liberal takeover in Mexico		
+			
1829	SE EUROPE: Greece becomes independent; Otto of Bavaria made king (1833-62)	1829 Sa OPPN UR Le Aq	1829 CH Ta
+	BRITAIN: emancipation of Catholics by English & lessening of Irish tax burden	1829 CH +SQR UR Ta Aq	
+	S AMERICA: military coup in Mexico; Venezuela leaves Gran Colombia; Uruguay leaves Brazil 1828		
+	BRITAIN: Metropolitan police force started in London		
+	IDEAS: Lyell's geological typology; Brown discovers cell nucleus in plants		
1830	C ASIA: Russia begins conquest of Kazakhstan (1830-1854)	1830 UR -sxt PL Aq Ar	
+	EUROPE: revolutionary movements in France, Germany, Poland, Italy; Belgium gains independence	1830 CH +SQR UR Ta Aq	
+	FRANCE: July Revolution (rise of bourgeois power); French conquest of Algeria & repression	1830 CH +ssx PL Ta Ar	
+	INNOVN: Liverpool-Manchester railway (1st viable public railway); friction matches first made		
+	EUROPE: British Whig gov't (1830-48) & Fr Louis Philippe (reforms, golden age of bourgeoisie)		
1831	E EUROPE: Russians crush the Warsaw Uprising, making Poland a province	1831 CH +SQR UR Ta Aq	
+	ROME: Pope Gregory XVI (1831-46) (reactionary, rejects moves to separate church & state)	1831 CH +ssx PL Ta Ar	

+	OTTOMANS: Mohammed Ali obtains Egypt & Syria from Ottomans (Egyptian dynasty 1833-1952)		
+	FRANCE: foundation of French Foreign Legion (African colonial expansion)		
+	IDEAS: Faraday researches induction & electrolysis; Gauss & Weber electromagnetic telegraph		
1832	ITALY: Mazzini founds Giovine Italia (Italian Youth, for unification & independence of Italy)	1832 CH +SQR UR Ta Aq	
+	BRITAIN: first parliamentary Reform Bill (majority gov't, extended franchise, public opinion)		
+	GERMANY: political revolts (led by liberal-nationalist students & intellectuals)		
+	IDEAS: term 'socialism' first used in France (class struggle, social reform, revolution)		
+			
1833	INDIA: death of Rahman Roy (1772-1833) (father of modern Indian nationalism)	1833 CH +SQR UR Ta Aq	
+	GERMANY: formation of German Zollverein (customs union) (first step to unification)		
+	BRITAIN: Factory Act (working conditions), Poor Laws (municipal reform), abolition of slavery in empire		
+	WORLD: Burnes explores Hindu Kush & C Asia; Ross returns from Arctic discovery of magn N Pole		
+	S AMERICA: Britain takes Falkland Is (Malvinas) from Argentina; Mexico near civil war		
+	N AFRICA: Egypt gains independence from Ottomans		
1834	INNOVN: McCormick's mechanical reaper patented, USA; Jacobi devels electric motor	1834 Sa OPPN PL Li Ar	1834 NE Aq
+	EUROPE: Vienna Congress (increased reactionism); intellectual emigrants to Paris & London	1834 CH +SQR UR Ta Aq	1834 CH Ge
+	RUSSIA: Caucasian wars (1830-59) against resistant mountain people	1834 CH +ssq PL Ta Ar	
+	IBERIA: Spanish Inquisition finally suppressed; Carlist Wars begin (royalists vs Republicans)	1834 CH +tri NE Ge Aq	
+	INNOVN: Babbage's 'analytical engine' (prototype of computer)		
+	C AMERICA: indentured Indian workers replace slave labour in W Indies		
1835	* S AFRICA: Great Trek of Boers (1835-44): foundation of Natal, Orange Free State, Transvaal	1835 HALLEY'S COMET	1835 UR Pi
+	INDIA: intro of British educational system & language (leading to Indian Mutiny 1857)	1835 UR -ssq PL Aq Ar	1835 CH Ge
+	BRITAIN: revolutionary local government reform	1835 CH +ssq PL Ta Ar	
+	INNOVN: Colt's (USA) revolver; Chubb's burglar-proof safe; 1st German railway (Nurnberg-Furth)	1835 CH +tri NE Ge Aq	
+			
1836	N AMERICA: secession of Texas from Mexico (Bt of the Alamo, Davy Crockett; becomes republic)	1836 CH +tri NE Ge Aq	1836 UR Pi
+	BRITAIN: People's Charter by Lovett & Chartists (seeking universal suffrage & social reform)		
+	FRANCE: Louis Napoleon Bonaparte attempts revolt in Strasbourg (banished to USA)		
+	INNOVN: Needle gun (making breech-loading possible)		
+			
1837	BRITAIN: Queen Victoria (1837-1901) (model constitutional monarch, presiding over an era)	1837 UR +ssx NE Pi Aq	
+	IDEAS: Pitman's shorthand (stenographic soundhand); Morse invents telegraph, USA	1837 CH +sqt NE Ge Aq	
+	USA: financial panic in USA (speculation, high land values); strife over slavery (Gag Law)	1837 CH +sxt PL Ge Ar	
+	IDEAS: Froebel's pioneering kindergarten in Germany; Mann's educational reforms, Massachusetts		
+			
1838	PERSIA: revolt of Ismaeli Aga Khan (flees to India, reforms follow, Shi'ite pop infl grows)	1838 UR +ssx NE Pi Aq	1838 CH Cn
+	INNOVN: first electric telegraph, Britain	1838 CH +sqt NE Ge Aq	
+	IDEAS: Charles Dickens' (1812-70) "Oliver Twist" & "Nicholas Nickleby" (radical social comment)		
+	BRITAIN: Anti-Corn Law League (education, tolerance & reform, 'laissez-faire' social policies)		
+	S AFRICA: Boers defeat Zulu tribes, Bt of Blood River, Natal		
1839	MED'N: Eastern Crisis (Ottoman instability, Russian expansion, bal of power concerns)	1839 NE on S Node	1839 CH Cn
+	OTTOMANS: Abdul Mejid I, Ottoman Sultan (1839-61) (judicial & admin modern'n, foreign infl)	1839 CH +sqt NE Ge Aq	
+	INNOVN: separate development of photography by Daguerre & Talbot; Macmillan invents bicycle		
+	C ASIA: first Afghan War (British intervention to counter Russian C Asian influence, mostly unsuccessful)		
+			
1840	OCEANIA: Britain annexes New Zealand; James Brooke takes Sarawak, becomes Rajah; Aden taken	1840 CH +SQR PL Cn Ar	
+	INNOVN: first postage stamp, the 'Penny Black', Britain; Kew Botanical Gardens opened	1840 UR -ssx PL Pi Ar	
+	CHINA: Opium Wars (foreign powers force access to China & markets, China fights opium imports)	1840 CH +qcx NE Cn Aq	
+	FRANCE: conspiracy by Louis Napoleon Bonaparte for French throne (then imprisoned in England)	1840 CH +tri UR Cn Pi	
+	N AMERICA: mass immigrations to USA start (Germans, Irish, Swedes)		
1841	BRITAIN: Thomas Cook's first excursion; Bradshaw's "Railway Guide"	1841 CH +SQR PL Cn Ar	1841 CH Le
+	IBERIA: Gen Espartero becomes Span regent (rules with iron hand)	1841 UR -ssx PL Pi Ar	
+	USA: USS Creole, slave-carrier, captured by slaves, sailed to Bahamas (to become free)	1841 CH +qcx NE Cn Aq	
+	IDEAS: Kolliker & Bischoff research sperm & ova; Liebig researches agricultural chemistry	1841 CH +tri UR Cn Pi	
+	C EUROPE: Lajos Kossuth (1802-94) becomes Hungarian nationalist leader		
+	W AFRICA: growth of Ibadan empire (Nigeria)		
1842	CHINA: UK annexes Hong Kong (foreign powers gain ports & privileges); China weakening	1842 CH +sqt UR Le Pi	1842 CH Le
+	S AFRICA: Boers set up the Orange Free State; EUROPE: Czech Polka becomes fashionable		
+	N AMERICA: USA-Canada border defined in Webster-Ashburton Treaty		

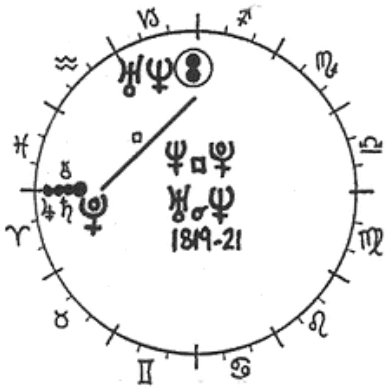
+	S AMERICA: Pedro II (1831-89) (interior colon'n, Euro immigration, plantation exports)		
+	IDEAS: Doppler Effect (measuring distances of stars); von Meyer on thermodynamics		
1843	INDIA: British conquer Sind	1843 CH OPPN NE Le Aq	1843 UR Ar
+	IBERIA: military revolt in Spain, Isabella II, age 13, declared Queen (Espartero falls)	1843 CH +qcx UR Le Pi	1843 CH Vi
+	BRITAIN: British Archaeological Society founded; I K Brunel, engineer, at work	1843 CH +sqt UR Le Ar	
+	USA: Fremont crosses Rockies to Calif; BRITAIN: 1st propeller-driven ship to cross Atlantic	1843 CH +tri PL Le Ar	
+	USA: prediction of end of world by Wm Miller (NY farmer, popular movement for 3 years)		
1844	ASIA: first Euros in Tibet (Fr missionaries Huc & Gabet); Chinese-American peace-trade treaty	1844 NE -sxt PL Aq Ar	1844 UR Ar
+	BRITAIN: Rochdale Pioneers (first consumers' coop) & YMCA (soc services in slums) founded	1844 CH +qcx UR Le Pi	1844 CH Vi
+	C AMERICA: military takeover in Mexico	1844 CH +sqt PL Vi Ar	
+	INNOVN: Keller devels wood-pulp paper, Germany; Morse's 1st long-distance telegraph, USA		
+	INNOVN: Grundtvig's 1st Inst for Adult Education, Denmark; 1st public bath houses, England		
1845	INDIA: British invade Punjab & Kashmir (1845-9); OCEANIA: Maori wars against British	1845 NE -sxt PL Aq Ar	1845 CH Li
+	IRELAND: Great Famine (1m die, hostility against England, mass emigration to USA)	1845 UR +ssq NE Ar Aq	
+	IDEAS: Engels' "Condition of the Working Class in England" (published Leipzig)	1845 CH +qcx PL Vi Ar	
+	INNOVN: submarine cable laid across English Channel; hydraulic crane; carpet power loom	1845 CH -qcx NE Vi Aq	
+	INNOVN: 1st artistic photo portraits by D O Hill (1802-70)		
1846	BRITAIN: repeal of Corn Laws (moving toward free trade, triumph of industrialists' lobby)	1846 Sa CONJ NE Aq Aq	
+	N AMERICA: Mexican War (USA gains New Mexico & Calif); Oregon Treaty (on USA/Canada boundary)	1846 CH OPPN UR Li Ar	
+	EUROPE: economic crisis (potato blight, overproduction, unemployment, low profits, bankruptcy)	1846 CH Peri 5Li	
+	E EUROPE: revolts in Poland (suppressed by Russia & Austria, Austria takes Krakow)	1846 UR +ssq NE Ar Aq	
+	INNOVN: 1st painted christmas card, Britain; Zeiss optical factory, Jena; Smithsonian Inst USA	1846 CH -sqt NE Li Aq	
+	INDIA: Britain annexes Sindh & Punjab (much of Pakistan) in NW India		
1847	EUROPE: Swiss Sonderbund war (between Catholic & Protestant cantons)	1847 CH OPPN UR Li Ar	1847 NE Pi
+	USA: California Gold Rush starts (opening up California); Mormons found Salt Lake City	1847 CH OPPN PL Li Ar	1847 CH Sc
+	W AFRICA: Liberia becomes independent (estd for freed American black slaves)	1847 UR +ssq NE Ar Aq	
+	N AMERICA: US forces capture Mexico City (Mexicans submit to expansive US demands)	1847 CH -tri NE Li Aq	
+	BRITAIN: Factory Act restricts working hours of women & chilren		
1848	EUROPE: REVOLUTION IN MOST STATES (bringing changes, unsuccessful, leading to new realism, new		
+	bourgeois fear of radicals, emigration, re-est of control & econ endeavour, later dissent)	1848 CH -qcx UR Sc Ar	1848 NE Pi
+	IDEAS: "Communist Manifesto" issued by Karl Marx (1818-83) & Friedrich Engels (1820-95)		
+	FRANCE: Second Republic (1848-52); ITALY: nationalist revolts & war (Mazzini, Garibaldi)		
+	GERMANY: convocation of an all-German Reichstag, Frankfurt (Ger unity aired, Cath/Prot schisms)		
1849	C EUROPE: revolts in Austrian Emp (Hungary, Italy, Bohemia) (failed, mass emigration & dissent)	1849 CH -SQR NE Sg Pi	1849 CH Sg
+	ARTS: height of Romantic music with Berlioz, Liszt, Wagner, Brahms, Verdi	1849 CH -qcx PL Sc Ar	
+	INDIA: British defeat militant Sikhs, annex Punjab; AFRICA: Livingstone crosses Kalahari Desert	1849 CH -qcx UR Sc Ar	
+	* USA: USA becomes a transcontinental power (gaining N Mex, Calif, Texas, Ariz, Utah, Nev, Col)		
+	PERSIA: Nasir Ud-din, Persian Shah (1848-96) (western influence & liberalisation, oil trade)		
1850	CHINA: T'ai P'ing Rebellion (1850-55) (with great loss of life); Chinese pop'n 420m	**1850 UR CONJ PL** Ar Ar	
+	OCEANIA: Australian colonies and (1856) New Zealand granted responsible government	1850 CH -SQR NE Sg Pi	
+	GERMANY: Industrial Revolution starts; lib const in Prussia; Austria & Prussia vie for primacy	1850 CH -sqt PL Sg Ar	
+	USA: Clay Compromise leaves question of slavery to individual states (to prevent secession)	1850 CH -sqt UR Sg Ar	
+	INNOVN: Bauer's submarine; Neumann on electromagnetic induction; Singer's sewing machine		
1851	BRITAIN: Great Exhibition (1st World Fair) in London	**1851 UR CONJ PL** Ar Ar	1851 UR Ta
+	AUSTRIA: Franz-Josef I, Aust Emp (1848-1916) (abolition of constitution, return to absolutism)	1851 Sa CONJ PL Ar Ar	1851 PL Ta
+	FRANCE: coup d'etat by Louis Napoleon (promising new constitution)	1851 CH -sqt UR Sg Ta	
+	CHINA: agrarian reforms in China		
+	OCEANIA: Gold discovered in New South Wales, immigration rises		
+	AMERICAS: Cuba declares independence; USA: Maine & Illinois prohibit liquor		
1852	FRANCE: Second Empire: Louis Napoleon III, French Emp (1852-70) ('democratic caesarist')	1852 Sa CONJ UR Ta Ta	1852 PL Ta
+	SE ASIA: second Anglo-Burmese war, Britain occupies prosperous Irrawaddy delta	1852 Sa CONJ PL Ar Ar	1852 CH Cp
+	ITALY: Cavour (1810-61), PM of Sardinia-Piedmont, launches anti-Aust lib-nat 'Risorgimento'	1852 CH -tri PL Sg Ar	
+	OCEANIA: New Zealand given a full constitution; Australian Gold Rush (1851-53)	1852 CH -tri UR Cp Ta	
+			
1853	AFRICA: Livingstone's explorations begin; Ras Kasa unites Coptic Abyssinia; Basuto War (1851-3)	1853 UR +sxt NE Ta Pi	1853 PL Ta
+	INDIA: first railway and telegraph lines in India; USA: Colt's revolver	1853 CH -sxt NE Cp Pi	
+	FRANCE: Housman begins rebuilding of Paris (boulevards, Bois de Boulogne)	1853 CH -tri UR Cp Ta	
+	RUSSIA: Crimean War (1853-6) (decline of Ottomans, Austr-Russ rivalry in E Eur, modern warfare)		
+	INNOVN: Wood devels hypodermic syringe; vaccination against smallpox compulsory in Britain		
1854	JAPAN: opening of Japan to foreign powers & influence (Perry, USA; start of Industrial Revln in Japan)	1854 UR +sxt NE Ta Pi	

+	AFRICA: Sudanese theocrat El Hadj Omar fights French encroachment on R Niger		
+	E EUROPE: Britain & France join Crimean War against Russia (to stop Russia taking Ottoman lands)		
+	INNOVN: Goebel's electric light bulb; Ehrenberg's "Microgeology"; Steinway's pianos		
+	ARTS: Thackeray, Tennyson, Thoreau, Kingsley, Melville, at work		
1855	OTTOMANS: reform edicts to rescue Ottoman power (foreign powers aid integrity of empire)	1855 UR +sxt NE Ta Pi	
+	INNOVN: iron Cunard steamer crosses Atlantic in 10 days; rayon first produced		
+	RUSSIA: Russia beaten by Allies at Sebastopol (end of Crimea War)		
+	* ARTS: Browning, Dickens, Longfellow, Tennyson, Whitman, Berlioz, Wagner at work		
+	BRITAIN: London sewers modernised; Florence Nightingale improves military hospitals		
1856	* RUSSIA: reform period: Alexander II, Czar (1851-81) ('revolution from above')	1856 UR +sxt NE Ta Pi	1856 CH Aq
+	* OTTOMANS: 'conquest by western capital' (foreign debt, imports, change, bankruptcy 1875)	1856 CH -SQR PL Aq Ta	
+	ASIA: Britain at war with Persia in Afghanistan (Persia recognises Afghan independence 1857)	1856 NE -ssq PL Pi Ta	
+	INNOVN: Bessemer process allows mass-production of steel; cocaine extracted from coca leaves	1856 CH -ssq NE Aq Pi	
+	WORLD: Britain annexes Oudh, India; makes Natal a crown colony; grants self-govt to Tasmania		
1857	INDIA: Indian Mutiny (Indian rebellion against British; attempt to restore Moghul emperor, failed)	1857 NE -ssq PL Pi Ta	
+	GERMANY: economic crisis (business demands privileges & unification, Prussia gains power)		
+	CHINA: British destroy Chinese navy (China forced to accept foreigners as more than fiefs)		
+	EUROPE: financial crises everywhere (speculation in US railroad shares, many collapses)		
+			
1858	CHINA: Treaty of Tientsin (treaty ports open to foreign trade, Anglo-Chinese war ends)		1858 UR Ge
+	INDIA: India becomes a Vice-Royalty (end of East India Co); peace declared, economic development		
+	C AMERICA: Benito Juarez (secularis'n of land, liberalisation); civil war betw libs & cons		
+	AFRICA: Burton & Speke explore C Africa (Lakes Tanganyika & Victoria)		
+			
1859	ITALY: Piedmont-French war against Austria (towards Italian unification)	1859 Sa OPPN CH Le Aq	1859 UR Ge
+	IDEAS: Darwin (1809-82) "The Origin of Species"; Karl Marx (1818-83) "Political Economy"		
+	INNOVN: 1st oil well drilled in Pennsylvania, USA; Plante's 1st elec storage battery		
+	* IDEAS: great age of the novel: Dickens, Dumas, Flaubert, Turgenev, Dostoievsky, Tolstoi		
+	FRANCE: Anthropological Soc of Paris founded; Lourdes appearance of Blessed Virgin Mary 1858		
1860	CHINA: Treaty of Peking (est of Euro embassies, opening of trade & missions, Russ border estd)	1860 Sa OPPN CH Le Aq	
+	AFRICA: French expansion in W Africa from Senegal	1860 UR +ssx PL Ge Ta	
+	ITALY: Garibaldi & Redshirts take Sicily & Naples; V Emmanuel takes Papal States, procl king		
+	IDEAS: John Stuart Mill (1806-73) "On Liberty" (on political liberalism)		
+	RUSSIA: emancipation of Russian serfs; Russian development of E Siberia, Vladivostok founded		
1861	GERMANY: Wilhelm I, Pruss Kaiser (1861-88, 'New Era'); E EUROPE: Warsaw Massacre by Russians	1861 UR on N Node	1861 NE Ar
+	USA: Civil War (1861-5) breaks out (over state powers & abolition of slavery, dividing North & South)	1861 CH -ssx NE Aq Pi	1861 CH Pi
+	INNOVN: Pasteur's germ theory of disease; Reis's early telephone; Foucault on speed of light		
+	IDEAS: Women first given the vote, in Australia; E EUROPE: est of state of Rumania		
+	ITALY: unification of Italy (plebiscite & force; Garibaldi, Cavour); Victor Emanuel (1861-78)		
1862	USA: Homestead Law facilitates new land claims (opening of the West, detriment of Indians)	1862 Sa OPPN NE Li Ar	1862 NE Ar
+	S AMERICA: est of confederal US of Colombia; Venezuelan civil war	1862 CH -ssx NE Aq Pi	1862 CH Pi
+	GERMANY: Otto von Bismarck (1815-98), PM of Prussia (1862-71) (brings German unification 1871)		
+	* OTTOMANS: rise of Young Turk Movement (for modern'n, secularisation & liberalisation)		
+	IDEAS: Chernyshevsky's "What to Do?" (on overthrow of govts by revolution): ferment in Russia		
1863	SE ASIA: France establishes protectorate of Cambodia, Cochin China, Annam, Tonkin & Laos	1863 Sa OPPN NE Li Ar	
+	INNOVN: first underground railway in London (Metropolitan Railway)		
+	E EUROPE: Polish uprising (suppressed, but reforms follow); ASIA: civil war in Afghanistan		
+	C AMERICA: French invasion of Mexico (ends after USA threats); Austrian Maximilian enthroned		
+	USA: Abraham Lincoln proclaims emancipation of all slaves; Bt of Gettyburg (North gains)		
+	W AFRICA: Asante defeat British in Third Asante War		
1864	* BRITAIN: Disraeli (1804-81) & Gladstone (1809-98), rival political leaders (1850s-80s)	1864 UR +ssq PL Ge Ta	
+	RUSSIA: Polish revolt (forced Russification of Poland, Finland, Ukraine); Turkestan annexed	1864 CH -sxt PL Pi Ta	
+	FRANCE: Louis Napoleon forced by failures to grant liberal constitution & reforms		
+	GERMANY: German-Danish War (over Schleswig-Holstein); est of 1st Socialist Party		
+	EUROPE: foundation of Red Cross in Switzerland; INNOVN: Pasteur invents pasteurisation		
1865	USA: end of Civil War: slavery abolished (USA industrialising, Union preserved, 600,000 dead)	1865 UR +ssq PL Ge Ta	1865 UR Cn
+	EUROPE: First International (Workingmen's Association, 1864-76, fails over Marxist-Anarchist rivalry)	1865 CH -sxt PL Pi Ta	
+	C ASIA: Jakub Beg, Khan of Kashgar (1865-77) establishes a Turkic state to unite all Muslims		
+	CHINA: Muslim rebellions (1864-78) (against Chinese domination)		
+	BRITAIN: Britain considers abandonment of all African colonies (after end of slave trade)		
1866	GERMANY: war in Germany (Prussia vs Austria & Confed'n): Confederation aligns with Prussia	1866 Sa OPPN PL Sc Ta	1866 UR Cn

+	MED'N: revolts against Ottomans in Crete; E EUROPE: coup d'etat in Roumania		
+	BRITAIN: 'Black Friday', London Stock Exchange crash; Dr Barnardos home for destitute children		
+	S AMERICA: Paraguayan War (1865-70) (Braz, Arg'a & Urug vs dictator Lopez; 70% Parag popn die)		
+	INNOVN: Mendel researches laws of heredity; 1st oil pipeline, PA, USA; ice machine invented		
1867	GERMANY: est of N German Confed'n (under Bismarck) & dual monarchy in Austria-Hungary		
+	N AMERICA: Russia sells Alaska to USA; Dominion of Canada estd; Mexico becomes republic (Juarez)		
+	IDEAS: Marx publishes "Das Kapital, Vol I"; Pan-Slavic feeling grows in Russia (Dostoievsky)		
+	S AFRICA: Kimberley diamond fields discovered (annexed by Britain 1871)		
+	INNOVN: Lister's antiseptics; Siemens dynamo; Nobel's dynamite; Monier's reinforced concrete		
1868	JAPAN: end of Tokugawa Shogunate; Meiji Restoration (adoption of western ways & industrialisation)	**1868 UR +SQR NE Cn Ar**	1868 CH Ar +
+	BRITAIN: est of Trades Union Congress (TUC) (1st national union org'n); unions legalised 1871	1868 NE -ssx PL Ar Ta	
+	S AMERICA: Pres Sarmiento (1868-74) (education, immigration, growth, railways)		
+	SE ASIA: Chulalongkorn, K of Siam (1868-1910) ests independent, modernised, neutral Siam		
+	C ASIA: Russians take Samarkand		
1869	MED'N: Suez Canal opens (built by French de Lesseps)	**1869 UR +SQR NE Cn Ar**	1869 CH Ar
+	N AMERICA: Prince Rupert's Land, Manitoba (1870) & British Columbia (1871) join Canada	1869 UR +sxt PL Cn Ta	
+	INNOVN: first transcontinental railroad completed, USA; clipper 'Cutty Sark' launched, Britain	1869 NE -ssx PL Ar Ta	
+	IDEAS: Meyer & Mendeleyev research periodic system of elements	1869 CH -ssq PL Ar Ta	
+	USA: Pres Grant (1869-77) (corruption endemic, esp in S states, impotence of State)		
1870	W EUROPE: Franco-Prussian war (vying for pre-eminence in W Europe, Germans occupy Paris)	**1870 UR +SQR NE Cn Ar**	1870 CH Ar
+	ITALY: declaration of Papal infallibility (in morals & faith); Italians occupy Papal States	1870 CH Aph 5Ar	
+	FRANCE: Third Republic declared; beginning of colonial Empire Francais	1870 CH -ssq PL Ar Ta	
+	WORLD: Nordenskjold explores Greenland; Nachtigal exps Sahara; Stanley & Livingstone at Ujiji		
+	CHINA: risings in Tientsin against foreigners		
1871	GERMANY: UNIFICATION OF GERMANY (Second Reich) under Wilhelm I & Bismarck (lib reforms)		1871 UR Le
+	FRANCE: uprising of the Paris Commune (rules 2 months, fails, 30,000 people killed)		
+	BRITAIN: 'Oceanic', 1st large luxury liner launched; Public Bank Holidays introduced		
+	GREECE: beginning of excavations of ancient Greek civilisation (by Germans & British)		
+	USA: 'Barnum's 'Greatest Show on Earth', NY; Great Fire in Chicago; Jehova's Witnesses founded		
1872	E EUROPE: Three Emperors' League est in Berlin (alliance of Russia, Austria-Hungary & Prussia)		1872 UR Le
+	CHINA: Chancellor Li Hung-Chang restores Imp order in China (partly aided by western powers)		
+	IBERIA: civil war in Spain (royalists vs republicans, Don Carlos flees)		
+	ARTS: Turgenev, Jules Verne, Saml Butler, Thom Hardy, Tolstoi, Victor Hugo, Emile Zola at work		
+	BRITAIN: secret-ballot voting introduced		
1873	C EUROPE: Buda & Pest united to become capital of Hungary		
+	EUROPE: financial crises throughout Europe, panics in Vienna & NY; Deutschmark adopted in Ger		
+	IDEAS: Nietsche (1844-1900) "Untimely Reflections" (on cultural-social decay)		
+	INNOVN: Remington produces typewriters; 1st colour photographs; Westinghouse's air brake		
+	INDIA: widespread famine in Bengal		
1874	BRITAIN: Benjamin Disraeli, PM (1874-80)	1874 Sa OPPN UR Aq Le	1874 NE Ta
+	ARTS: emergence of Impressionism: Monet, Renoir, Degas		
+	INNOVN: est of Universal Postal Union in Berne; devel of electric tram; osteopathy (A T Still)		
+	USA: est of Soc for Prevention of Cruelty to Children, NY, by E T Gerry		
+	USA: rise of Ghost Dance apocalyptic-messianic movement amongst Piute indians (peak in 1890s)		
1875	EUROPE: Socialist parties: Germany 1875, Belgium 85, Holland 77, UK 93, Russia 1898	1875 Sa OPPN UR Aq Le	1875 NE Ta
+	N AFRICA: Disraeli buys Suez Canal Co shares (British control of sea route, Egyptian bankruptcy)	1875 CH -ssx PL Ar Ta	
+	E EUROPE: Balkan crisis (1875-8) (natlst uprisings, Russian incursion, Turkish shrinkage)		
+	FRANCE: major constitutional reform in Third Republic; BRITAIN: major Public Health Act		
+	USA: Theosophical Society founded in NY by HP Blavatsky (seed of New Age movement)		
+	E ASIA: Japan exchanges Sakhalin with Russia for Kuril Islands		
1876	N AMERICA: Porfirio Diaz (1830-1915) gains control of Mexico, until 1911; rebellions in Cuba	**1876 UR +SQR PL Le Ta**	
+	IBERIA: constitutional reform in Spain	1876 CH -ssx PL Ar Ta	
+	OTTOMANS: const reform abolished, despotism by Abdul Hamid II (1876-1909); Balkan revolts		
+	INNOVN: Bell & Gray develop telephone; Edison invents phonograph		
+	INDIA: Queen Victoria proclaimed Empress of India		
+	CHINA: Kuang Hsu, Chinese Emp (1875-1908, powerless last true Emperor of China)		
1877	INDIA: Queen Victoria proclaimed Empress of India; Baluchistan incorporated into British India	**1877 UR +SQR PL Le Ta**	1877 CH Ta
+	E EUROPE: Russo-Turkish War (Russia takes Roumania & Bulgaria, Ottoman power shrinks)		
+	C AMERICA: Porfirio Diaz, Pres of Mexico (1877-80, 84-1911) (stabln, growth, foreign links)		
+	S AFRICA: British annex Transvaal (leading to 1880 Boer uprising)		

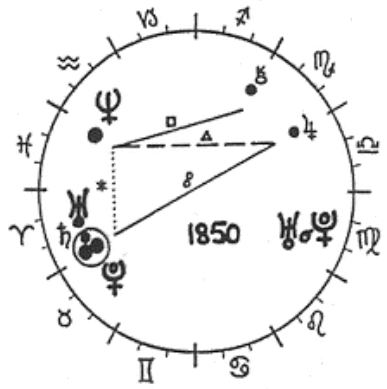
+	* IRELAND: rise of Irish nationalism: Fenians in USA (1858), Irish Land League (1879)		
1878	E EUROPE: Treaty of Berlin: Rumania, Montenegro, Bulgaria & Serbia independent of Ottomans		1878 UR Vi
+	INNOVN: first oil tanker built, Russia; electric street-lighting, London; microphone invented		1878 CH Ta
+	GERMANY: anti-Semitic movement started by Treitschke; anti-Socialist laws enacted		
+	MED'N: Britain acquires Cyprus as a colony; Russian advance in Asia Minor & Bosporus halted		
+	USA: major westward settler migration starts; Wm Booth founds the Salvation Army		
1879	C ASIA: Second Afghan war gives Britain temp control of Afghanistan (rivalry with Russia)	1879 CH CONJ NE Ta Ta	
+	GERMANY: Dual Alliance between Ger & Aust-Hung; Alsace-Lorraine integrated into Germany		
+	S AMERICA: 'Nitrate War' (over saltpetre deposits): Chile, Bolivia, Peru (Bolivia landlocked, Chile gains)		
+	INNOVN: F W Woolworth opens first '5c & 10c Store'; Siemens devels electric locomotive		
+	S AFRICA: Zulu war between Britain and Bantus; Brit takes Bechuanaland 1885, Rhodesia 1888-91		
1880	S AFRICA: Boers declare Transvaal independent of Britain, under Ohm Kruger (Pres 1881-1902)	1880 UR +tri NE Vi Ta	
+	* EUROPE: Industrial Revolution starts in Sweden & Russia (also emigration to USA)	1880 CH CONJ NE Ta Ta	
+	FRANCE: Jules Grevy, Pres (1879-87): sec & anti-clerical reforms, freedom of press & assembly	1880 CH -tri UR Ta Vi	
+	INNOVN: large steel furnaces (Carnegie); canned fruits & meats; Australian frozen meat in Brit		
+	* WORLD: ZENITH OF HIGH CAPITALISM (1880-1914); white 'sense of mission' to dominate world		
1881	N AFRICA: French occupy Tunisia (advance into Sahara); uprisings in Egypt (Arabi Pasha)	1881 UR +tri NE Vi Ta	
+	RUSSIA: pogroms against Jews (rise of Zionist dream of a Jewish state in Palestine)	1881 CH -tri UR Ta Vi	
+	BRITAIN: modern museums (colonialism & philanthropy) and 'Redbrick' universities		
+	RUSSIA: Alexander III, Czar (1881-94) (autocracy & orthodoxy, Okhrana secret police, strikes)		
+	EUROPE: "Chat Noir", first cabaret, Paris; first electric-lit theatre by D'Oyly Carte, London		
1882	N AFRICA: revolt in Egypt leads to British protectorate; Mahdi Uprising in Sudan against Egypt	1882 UR +tri NE Vi Ta	1882 PL Ge
+	INNOVN: first hydro-electric generating plant, by Edison, in Wisconsin USA	1882 Sa CONJ NE Ta Ta	
+	* EUROPE: beginnings of psychoanalysis (use of hypnosis by Breuer, to treat hysteria)	1882 CH -tri UR Ta Vi	
+	JAPAN: Bank of Japan founded (world-dominating within 100 years)		
+	S AMERICA: systematic extermination of Pampas Indians in Argentina		
1883	GERMANY: world's first legislation on social insurance (France 1894, Britain 1908)	1883 UR +tri NE Vi Ta	1883 PL Ge
+	WORLD: abol'n of slavery in Span colonies; Hague Conv'n ests 3-mile marine int'l terr limits	1883 Sa CONJ PL Ta Ta	1883 CH Ge
+	EUROPE: first Orient Express (Paris-Istanbul); Amsterdam World Exhibition	1883 Sa CONJ CH Ta Ta	
+	IDEAS: Kelvin "On the Size of Atoms"; Swan produces synthetic fibre	1883 CH CONJ PL Ge Ge	
+	INNOVN: Maxim invents the machine gun; 1st skyscraper, Chicago; WF Cody's 'Wild West Show'	1883 CH -tri UR Ta Vi	
1884	AFRICA: Germany acquires SW Africa, Tanganyika, Togoland, Cameroons, some South Sea islands	1884 UR +tri PL Li Ge	1884 PL Ge
+	INNOVN: Daimler, Maybach & Benz devel petrol engine & motor car; Parsons' steam turbine	1884 CH CONJ PL Ta Ta	1884 UR Li
+	BRITAIN: est of Fabian Society (advocating state socialism, later adopted by Labour Party)		1884 CH Ge
+	EUROPE: Berlin Conference (14 nations) divides up Africa between colonial powers		
+	S AFRICA: gold discovered in Transvaal (new world economic force, Johannesburg grows)		
1885	INDIA: foundation of Indian National Congress (beg of Indian independence movement)	1885 UR +tri PL Li Ge	1885 UR Li
+	AFRICA: King of Belgium acquires the Congo; seige of Khartoum (Brits lose)		
+	N AMERICA: completion of Canadian Pacific Railway; Utah Mormons split on polygamy question		
+	INNOVN: fingerprint individuality discovered by Galton (criminology)		
+	JAPAN: major Japanese migration to Peru, USA, Hawaii		
1886	SE ASIA: British annex Lower Burma, south New Guinea, Port Hamilton, Korea	1886 UR +sqt NE Li Ta	
+	AFRICA: Germany & Britain partition East Africa; gold discovered in Transvaal: Johannesburg founded		
+	USA: est of American Federation of Labour (AFL) by Samuel Gompers		
+	BRITAIN: Disraeli's Home Rule (Ireland) Bill fails (Cabinet falls)		
+			
1887	SE ASIA: French establish Indo-Chinese Union (Annam, Cambodia, Tonkin, Laos 1893)	1887 UR +sqt NE Li Ta	1887 CH Cn
+	ITALY: Italian colonial expansion (Abyssinia, Somaliland, Libya 1900)	1887 CH +ssx NE Ge Ta	
+	WORLD: beginning of British Colonial Conferences (later to become Commonwealth)		
+	FRANCE: Boulanger attempts coup d'etat in Paris (later exiled)		
+	INNOVN: electric lamps (Edison & Swan); celluloid film (Goodwin); Zamenhof devises Esperanto		
1888	EUROPE: 2nd International estd in Paris (anarchists expelled 1896, reformism rejected 1904)	1888 UR +sqt NE Li Ta	1888 NE Ge
+	INNOVN: Nikola Tesla's electric motor; Eastman's 'Kodak' box camera	1888 UR +sqt PL Li Ge	1888 CH Cn
+	S AMERICA: Brazil monarchy overthrown (by landowners prot abol'n of slavery); republic decl'd	1888 CH +ssx NE Ge Ta	
+	INNOVN: Hertz researches electromagnetic waves; Dunlop invents pneumatic tyre	1888 CH +ssx PL Cn Ge	
+	ARTS: Mahler, R-Korsakov, Dvorak, Tchaikovsky, Bruckner, Strauss, Gilbert & Sullivan		
1889	USA: north-western states join union (Dakotas, Montana, Washington); Oklahoma Indian Res ended	1889 UR +sqt NE Li Ge	1889 NE Ge
+	FRANCE: Paris World Fair (construction of Eiffel Tower)	1889 UR +sqt PL Li Ge	
+	S AFRICA: British S Africa Co (Cecil Rhodes) begins colonisation of Rhodesia	1889 CH +ssq NE Cn Ge	
+	ARTS: authors Hardy, Tolstoi, Conan Doyle, Rudyard Kipling, Zola, Jerome K Jerome, WB Yeats	1889 CH +ssq PL Cn Ge	

+	INNOVN: 1st movie shows in New York; 1st steel-framed building, Chicago; punch-card systems		
1890	GERMANY: dismissal of Bismarck: Wilhelm II begins a new national course; est of Soc Dem Party	1890 CH -SQR UR Cn Li	1890 UR Sc
+	JAPAN: first general election; beginnings of modern literature in Japan, on western lines	1890 CH +ssq NE Cn Ge	1890 CH Le
+	* ARTS: Realistic drama: Ibsen, Strindberg, Chekhov & GB Shaw	1890 CH +ssq PL Cn Ge	
+	WORLD: global influenza epidemics; W EUROPE: independence of Luxembourg (from Neths)		
+	GERMANY: big industry conc'd in large corporations (AEG, Krupp, Siemens, IG-Farben, Stumm etc)		
1891	EUROPE: est of Peace Bureau at Berne (pan-European, leading to Int Court of the Hague)	**1891 NE CONJ PL** Ge Ge	1891 UR Sc
+	OTTOMANS: atrocities against Armenians (1890-7) (discrediting Ottomans); Young Turk Movement	1891 CH -SQR UR Le Sc	1891 CH Le
+	RUSSIA: construction of trans-Siberian railway begun; famine in Russia	1891 CH +sxt NE Le Ge	
+	INNOVN: wireless telegraphy started; zipper devel'd; Langley's "Experiments in Aerodynamics"		
+	* ARTS: Gaugin in Tahiti, Toulouse-Lautrec's posters, Monet, Cezanne, Beardsley; Art Nouveau		
1892	WORLD: Giolitti Ital Premier; Prince Ito, Jap Premier; Cleveland, US Pres; Gladstone, Eng PM	**1892 NE CONJ PL** Ge Ge	1892 CH Vi
+	* RUSSIA: modern'n & industrial'n under Count Witte ("hotbed of capitalism", peasant hardship)	1892 UR +qcx NE Sc Ge	
+	* USA: economic & indust'l growth (tycoons Carnegie, Rockefeller, Vanderbilt, Morgan, Astor)	1892 UR +qcx PL Sc Ge	
+	E EUROPE: Pan-Slavic Conference at Cracow; BRITAIN: Keir Hardy becomes first Labour MP		
+	INNOVN: Diesel motor, viscose (rayon), auto telephone switchboard, canned pineapples introduced		



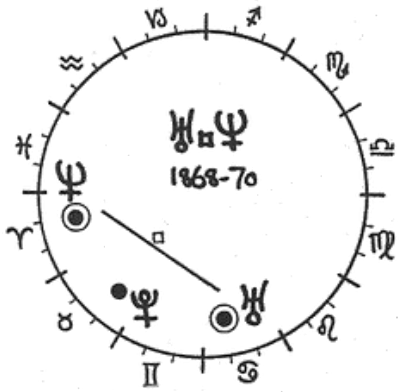
Neptune square Pluto 1816-20 Uranus conjunct Neptune 1821 Uranus square Pluto 1820

End of Napoleonic Wars; Congress of Vienna redesigns Europe; conservative restoration in East Europe (after Napoleon), liberal West; Romanticism; industrial revolution in Britain, Holland, France, Belgium; beginning of railways; independence of S American colonial nations (Brazil, Argentina, Chile, etc); beginning of European imperialist carve-up of the world, to 1900; electric motor & generator invented; Shaka extends Zulu empire; Liberia founded as colony for freed slaves; Monroe Doctrine, USA; British found Singapore (Raffles); British effective rulers of India



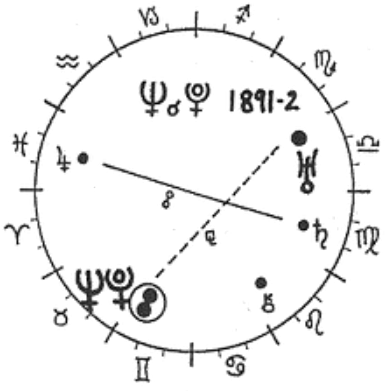
Uranus conjunct Pluto 1850

Revolutions in Europe; industrial revolution in Germany & Russia; USA becomes transcontinental; widespread railway-building & transport acceleration; Victorian era, Great Exhibition, London; Crimean War (Russia v Ottomans); opening of Japan & China to West; rapid gloabalisation & social change worldwide



Uranus square Neptune 1868-70

Meiji Restoration, Japan (westernising); American Civil War ends; unification of Germany (Bismarck); French Third Republic & empire; Marx's Das Kapital; Trades Union Congress, UK; Muslim rebellions in C Asia against China; Russia expands into C Asia; Suez Canal opens; first transcontinental railroad, USA



Uranus square Pluto 1876-77

Balkan crisis; Victoria, Empress of India; Ottomans crumbling; reform movement & modernisation in Russia; zenith of high capitalism; Ghost Dance movement, USA; socialist ideas; Impressionism; Irish nationalism; European seizing of colonies in Africa; telephone, phonograph; Gladstone & Disraeli, UK; Kuang Hsu, last true emperor of China

Neptune conjunct Pluto 1891-92

Emergence of socialism as political force; USA becomes world power; zenith of British world domination; technological development - motor engines, electric lamps etc; Europeans compete for colonies; roots of global integration; rise of corporate power; Russia 'hotbed of capitalism'; Ottoman atrocities against Armenians; Trans-Siberian railway

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Astro-historical tables for 2,500 years